284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# DATA PACKAGE

## SEMI-VOLATILE ORGANICS

**PROJECT NAME : RAYMARK SUPERFUND SITE**

**NOBIS GROUP**

**585 Middlesex Street**

**Lowell, MA - 01851**

**Phone No: 978-683-0891**

**ORDER ID : Q2639**

**ATTENTION : Adam Roy**

**Laboratory Certification ID # 20012**

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# Cover Page

**Order ID :** Q2639

**Project ID :** Raymark Superfund Site

**Client :** Nobis Group

| Lab Sample Number | Client Sample Number |
|---|---|
| Q2639-01 | OU4-TS-38-071725 |
| Q2639-02 | OU4-TS-38-071725 |
| Q2639-03 | OU4-TS-39-071725 |
| Q2639-04 | OU4-TS-39-071725 |
| Q2639-05 | OU4-TS-40-071725 |
| Q2639-06 | OU4-TS-40-071725 |
| Q2639-07 | OU4-TS-41-071725 |
| Q2639-08 | OU4-TS-41-071725 |
| Q2639-09 | OU4-TS-42-071725 |
| Q2639-10 | OU4-TS-42-071725 |
| Q2639-11 | OU4-TS-43-071725 |
| Q2639-12 | OU4-TS-43-071725 |
| Q2639-13 | OU4-TS-44-071725 |
| Q2639-14 | OU4-TS-44-071725 |

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 7/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**Nobis Group**
**Project Name: Raymark Superfund Site**
**Project # N/A**
**Order ID # Q2639**
**Test Name: SVOCMS Group3**

**A. Number of Samples and Date of Receipt:**
7 Solid samples were received on 07/18/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3. This data package contains results for SVOCMS Group3.

**C. Analytical Techniques:**
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df.. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3541.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for OU4-TS-38-071725 [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 38%], OU4-TS-38-071725RE [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 37%], Sample reanalyzed to confirm the failure and both run reported while RT2286MS [Terphenyl-d14 - 44%], RT2286MSD [Terphenyl-d14 - 43%],OU4-TS-39-071725 [Terphenyl-d14 - 44%], OU4-TS-40-071725 [Terphenyl-d14 - 52%], OU4-TS-42-071725 [Terphenyl-d14 - 48%], OU4-TS-43-071725 [Terphenyl-d14 - 53%], and OU4-TS-44-071725 [Terphenyl-d14 - 39%],One base surrogate is allowed to fail as per SOP, therefor no further corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2635-01MS} with File ID: BF143180.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%],due to matrix interference.

The MSD {Q2635-01MSD} with File ID: BF143181.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%], Fluoranthene[133%],due to matrix interference.

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The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the Requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

**E. Additional Comments:**
As per special requirement for this project form-1 are reported in mg/kg.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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# DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| Value | If the result is a value greater than or equal to the detection limit, report the value |
| **U** | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **J** | Indicates an estimated value**.** This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| **B** | Indicates the analyte was found in the blank as well as the sample report as "12 B". |
| **E** | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **D** | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| **P** | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P". |
| **N** | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used. |
| **A** | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| **Q** | Indicates the LCS did not meet the control limits requirements |

## GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2639 MATRIX: Solid

METHOD: 8270E/3541

| | | NA | NO | YES |
|---|---|---|---|---|
| 1. | Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | | | ✓ |
| 2. | GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ) | | | ✓ |
| 3. | GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series. | | | ✓ |
| 4. | GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series. | | | ✓ |
| 5. | GC/MS Calibration Requirements. | | | ✓ |
| | The Initial Calibration met the Requirements. | | | |
| | The Continuous Calibration met the requirements. | | | |
| 6. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 7. | Surrogate Recoveries Meet Criteria | | ✓ | |
| | If not met, list those compounds and their recoveries which fall outside the acceptable ranges. | | | |
| | The Surrogate recoveries were met for all analysis except for OU4-TS-38-071725 [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 38%], OU4-TS-38-071725RE [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 37%], Sample reanalyzed to confirm the failure and both run reported.RT2286MS [Terphenyl-d14 - 44%], RT2286MSD [Terphenyl-d14 - 43%],OU4-TS-39-071725 [Terphenyl-d14 - 44%], OU4-TS-40-071725 [Terphenyl-d14 - 52%], OU4-TS-42-071725 [Terphenyl-d14 - 48%], OU4-TS-43-071725 [Terphenyl-d14 - 53%], and OU4-TS-44-071725 [Terphenyl-d14 - 39%], One base surrogate is allowed to fail as per SOP, therefor no furthercorrective action was taken. | | | |

## GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

## (CONTINUED)

| | | NA | NO | YES |
|---|---|---|---|---|
| 8. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria | | ✓ | |
| | If not met, list those compounds and their recoveries which fall outside the acceptable range. | | | |
| | The MS {Q2635-01MS} with File ID: BF143180.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%],due to matrix interference. | | | |
| | The MSD {Q2635-01MSD} with File ID: BF143181.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[133%], Fluoranthene[133%],due to matrix interference. | | | |
| | The Blank Spike met requirements for all compounds. | | | |
| 9. | Internal Standard Area/Retention Time Shift Meet Criteria | | ✓ | |
| | Comments: The Internal Standards Areas were met for all analysis. | | | |
| 10. | Extraction Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |
| 11. | Analysis Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |

ADDITIONAL COMMENTS:

As per special requirement for this project form-1 are reported in mg/kg.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

_____ _____

QA REVIEW Date

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q2639

| | Completed |
|---|---|
| **For thorough review, the report must have the following:** | |
| **GENERAL:** | |
| **Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)** | ✓ |
| **Check chain-of-custody for proper relinquish/return of samples** | ✓ |
| **Is the chain of custody signed and complete** | ✓ |
| **Check internal chain-of-custody for proper relinquish/return of samples /sample extracts** | ✓ |
| **Collect information for each project id from server. Were all requirements followed** | ✓ |
| **COVER PAGE:** | |
| **Do numbers of samples correspond to the number of samples in the Chain of Custody on login page** | ✓ |
| **Do lab numbers and client Ids on cover page agree with the Chain of Custody** | ✓ |
| **CHAIN OF CUSTODY:** | |
| **Do requested analyses on Chain of Custody agree with form I results** | ✓ |
| **Do requested analyses on Chain of Custody agree with the log-in page** | ✓ |
| **Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** SOHIL JODHANI **Date:** 07/28/2025

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2639 | **OrderDate:** | 7/18/2025 10:22:00 AM |
| **Client:** | Nobis Group | **Project:** | Raymark Superfund Site |
| **Contact:** | Adam Roy | **Location:** | O13,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2639-01** | **OU4-TS-38-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/23/25 | |
| **Q2639-01RE** | **OU4-TS-38-071725RE** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/23/25 | |
| **Q2639-03** | **OU4-TS-39-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/22/25 | |
| **Q2639-05** | **OU4-TS-40-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/22/25 | |
| **Q2639-07** | **OU4-TS-41-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/22/25 | |
| **Q2639-09** | **OU4-TS-42-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/22/25 | |
| **Q2639-11** | **OU4-TS-43-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/22/25 | |
| **Q2639-13** | **OU4-TS-44-071725** | **SOIL** | | | **07/17/25** | | | **07/18/25** |
| | | | SVOCMS Group3 | 8270E | | 07/21/25 | 07/23/25 | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2639

**Client:** Nobis Group

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **OU4-TS-38-071725** | | | | | | | | |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Fluoranthene | 0.200 | J | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Pyrene | 0.250 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Benzo(a)anthracene | 0.180 | J | 0.029 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Chrysene | 0.210 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Benzo(b)fluoranthene | 0.240 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Benzo(a)pyrene | 0.200 | J | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Indeno(1,2,3-cd)pyrene | 0.110 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-01 | OU4-TS-38-071725 | SOIL | Benzo(g,h,i)perylene | 0.140 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| | | | **Total Svoc :** | **1.53** | | | | | |
| | | | **Total Concentration:** | **1.53** | | | | | |
| **Client ID :** | **OU4-TS-38-071725RE** | | | | | | | | |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Acenaphthylene | 0.083 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Fluoranthene | 0.210 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Pyrene | 0.250 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Benzo(a)anthracene | 0.170 | J | 0.029 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Chrysene | 0.220 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Benzo(b)fluoranthene | 0.230 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Benzo(k)fluoranthene | 0.089 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Benzo(a)pyrene | 0.210 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Indeno(1,2,3-cd)pyrene | 0.120 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-01RE | OU4-TS-38-071725RE | SOIL | Benzo(g,h,i)perylene | 0.150 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| | | | **Total Svoc :** | **1.73** | | | | | |
| | | | **Total Concentration:** | **1.73** | | | | | |
| **Client ID :** | **OU4-TS-39-071725** | | | | | | | | |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Acenaphthylene | 0.097 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Fluoranthene | 0.230 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Pyrene | 0.300 | | 0.044 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Benzo(a)anthracene | 0.210 | | 0.028 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Chrysene | 0.250 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Benzo(b)fluoranthene | 0.280 | | 0.023 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Benzo(k)fluoranthene | 0.088 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Benzo(a)pyrene | 0.250 | | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Indeno(1,2,3-cd)pyrene | 0.140 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-03 | OU4-TS-39-071725 | SOIL | Benzo(g,h,i)perylene | 0.170 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| | | | **Total Svoc :** | **2.02** | | | | | |
| | | | **Total Concentration:** | **2.02** | | | | | |

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# Hit Summary Sheet
## SW-846

**SDG No.:** Q2639

**Client:** Nobis Group

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **OU4-TS-40-071725** | | | | | | | | |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Acenaphthylene | 0.120 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Phenanthrene | 0.130 | J | 0.026 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Anthracene | 0.088 | J | 0.041 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Fluoranthene | 0.330 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Pyrene | 0.450 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Benzo(a)anthracene | 0.300 | | 0.029 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Chrysene | 0.350 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Benzo(b)fluoranthene | 0.350 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Benzo(k)fluoranthene | 0.120 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Benzo(a)pyrene | 0.320 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Indeno(1,2,3-cd)pyrene | 0.170 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-05 | OU4-TS-40-071725 | SOIL | Benzo(g,h,i)perylene | 0.210 | | 0.032 | 0.16 | 0.21 | mg/Kg |
| | | | **Total Svoc :** | **2.94** | | | | | |
| | | | **Total Concentration:** | **2.94** | | | | | |
| **Client ID :** | **OU4-TS-41-071725** | | | | | | | | |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Acenaphthylene | 0.120 | J | 0.035 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Phenanthrene | 0.120 | J | 0.026 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Fluoranthene | 0.310 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Pyrene | 0.410 | | 0.044 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Benzo(a)anthracene | 0.270 | | 0.028 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Chrysene | 0.320 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Benzo(b)fluoranthene | 0.340 | | 0.023 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Benzo(k)fluoranthene | 0.130 | J | 0.027 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Benzo(a)pyrene | 0.320 | | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Indeno(1,2,3-cd)pyrene | 0.170 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| Q2639-07 | OU4-TS-41-071725 | SOIL | Benzo(g,h,i)perylene | 0.220 | | 0.031 | 0.16 | 0.21 | mg/Kg |
| | | | **Total Svoc :** | **2.73** | | | | | |
| | | | **Total Concentration:** | **2.73** | | | | | |
| **Client ID :** | **OU4-TS-42-071725** | | | | | | | | |
| Q2639-09 | OU4-TS-42-071725 | SOIL | Benzo(b)fluoranthene | 0.120 | J | 0.031 | 0.22 | 0.28 | mg/Kg |
| | | | **Total Svoc :** | **0.12** | | | | | |
| | | | **Total Concentration:** | **0.12** | | | | | |
| **Client ID :** | **OU4-TS-43-071725** | | | | | | | | |
| Q2639-11 | OU4-TS-43-071725 | SOIL | Benzo(b)fluoranthene | 0.130 | J | 0.033 | 0.22 | 0.29 | mg/Kg |
| | | | **Total Svoc :** | **0.13** | | | | | |
| | | | **Total Concentration:** | **0.13** | | | | | |

# QC SUMMARY

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# Surrogate Summary

**SW-846**

**SDG No.:** Q2639

**Client:** Nobis Group

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| PB168929BL | PB168929BL | Nitrobenzene-d5 | 100 | 78.2 | 78 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 73.5 | 73 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 80.0 | 80 | | 54 | 127 |
| PB168929BS | PB168929BS | Nitrobenzene-d5 | 100 | 77.9 | 78 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 71.0 | 71 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 78.7 | 79 | | 54 | 127 |
| Q2635-01MS | RT2286MS | Nitrobenzene-d5 | 100 | 56.5 | 56 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 52.0 | 52 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 44.2 | 44 | * | 54 | 127 |
| Q2635-01MSD | RT2286MSD | Nitrobenzene-d5 | 100 | 57.7 | 58 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 52.8 | 53 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 43.1 | 43 | * | 54 | 127 |
| Q2639-01 | OU4-TS-38-071725 | Nitrobenzene-d5 | 100 | 37.9 | 38 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 37.0 | 37 | * | 44 | 115 |
| | | Terphenyl-d14 | 100 | 38.5 | 38 | * | 54 | 127 |
| Q2639-01RE | OU4-TS-38-071725RE | Nitrobenzene-d5 | 100 | 38.2 | 38 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 37.2 | 37 | * | 44 | 115 |
| | | Terphenyl-d14 | 100 | 37.4 | 37 | * | 54 | 127 |
| Q2639-03 | OU4-TS-39-071725 | Nitrobenzene-d5 | 100 | 43.5 | 43 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 44.9 | 45 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 44.2 | 44 | * | 54 | 127 |
| Q2639-05 | OU4-TS-40-071725 | Nitrobenzene-d5 | 100 | 50.2 | 50 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 52.2 | 52 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 51.8 | 52 | * | 54 | 127 |
| Q2639-07 | OU4-TS-41-071725 | Nitrobenzene-d5 | 100 | 53.9 | 54 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 54.5 | 54 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 55.1 | 55 | | 54 | 127 |
| Q2639-09 | OU4-TS-42-071725 | Nitrobenzene-d5 | 100 | 51.4 | 51 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 49.3 | 49 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 47.9 | 48 | * | 54 | 127 |
| Q2639-11 | OU4-TS-43-071725 | Nitrobenzene-d5 | 100 | 57.6 | 58 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 55.2 | 55 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 52.8 | 53 | * | 54 | 127 |
| Q2639-13 | OU4-TS-44-071725 | Nitrobenzene-d5 | 100 | 49.4 | 49 | | 37 | 122 |
| | | 2-Fluorobiphenyl | 100 | 49.0 | 49 | | 44 | 115 |
| | | Terphenyl-d14 | 100 | 38.7 | 39 | * | 54 | 127 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q2639 **Analytical Method:** SW8270E

**Client:** Nobis Group **DataFile:** BF143180.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2635-01MS** | | **Client Sample ID: RT2286MS** | | | | | | | | | |
| Naphthalene | 1200 | 0 | 1000 | ug/Kg | 83 | | | | 35 | 123 | |
| 2-Methylnaphthalene | 1200 | 0 | 1000 | ug/Kg | 83 | | | | 38 | 122 | |
| Acenaphthylene | 1200 | 0 | 1000 | ug/Kg | 83 | | | | 32 | 132 | |
| Acenaphthene | 1200 | 0 | 1100 | ug/Kg | 92 | | | | 40 | 123 | |
| Fluorene | 1200 | 0 | 1000 | ug/Kg | 83 | | | | 43 | 125 | |
| Phenanthrene | 1200 | 0 | 1300 | ug/Kg | 108 | | | | 50 | 121 | |
| Anthracene | 1200 | 0 | 1100 | ug/Kg | 92 | | | | 47 | 123 | |
| Fluoranthene | 1200 | 0 | 1500 | ug/Kg | 125 | | | | 50 | 127 | |
| Pyrene | 1200 | 0 | 1400 | ug/Kg | 117 | | | | 47 | 127 | |
| Benzo(a)anthracene | 1200 | 0 | 1300 | ug/Kg | 108 | | | | 49 | 126 | |
| Chrysene | 1200 | 0 | 1300 | ug/Kg | 108 | | | | 50 | 124 | |
| Benzo(b)fluoranthene | 1200 | 0 | 1600 | ug/Kg | 133 | * | | | 45 | 132 | |
| Benzo(k)fluoranthene | 1200 | 0 | 1200 | ug/Kg | 100 | | | | 47 | 132 | |
| Benzo(a)pyrene | 1200 | 0 | 1300 | ug/Kg | 108 | | | | 45 | 129 | |
| Indeno(1,2,3-cd)pyrene | 1200 | 0 | 840 | ug/Kg | 70 | | | | 45 | 133 | |
| Dibenz(a,h)anthracene | 1200 | 0 | 730 | ug/Kg | 61 | | | | 45 | 134 | |
| Benzo(g,h,i)perylene | 1200 | 0 | 850 | ug/Kg | 71 | | | | 43 | 134 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q2639 **Analytical Method:** SW8270E

**Client:** Nobis Group **DataFile:** BF143181.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2635-01MSD** | | **Client Sample ID: RT2286MSD** | | | | | | | | | |
| Naphthalene | 1200 | 0 | 1000 | ug/Kg | 83 | | 0 | | 35 | 123 | 20 |
| 2-Methylnaphthalene | 1200 | 0 | 1000 | ug/Kg | 83 | | 0 | | 38 | 122 | 20 |
| Acenaphthylene | 1200 | 0 | 1000 | ug/Kg | 83 | | 0 | | 32 | 132 | 20 |
| Acenaphthene | 1200 | 0 | 1100 | ug/Kg | 92 | | 0 | | 40 | 123 | 20 |
| Fluorene | 1200 | 0 | 1000 | ug/Kg | 83 | | 0 | | 43 | 125 | 20 |
| Phenanthrene | 1200 | 0 | 1300 | ug/Kg | 108 | | 0 | | 50 | 121 | 20 |
| Anthracene | 1200 | 0 | 1100 | ug/Kg | 92 | | 0 | | 47 | 123 | 20 |
| Fluoranthene | 1200 | 0 | 1600 | ug/Kg | 133 | * | 6 | | 50 | 127 | 20 |
| Pyrene | 1200 | 0 | 1300 | ug/Kg | 108 | | 8 | | 47 | 127 | 20 |
| Benzo(a)anthracene | 1200 | 0 | 1300 | ug/Kg | 108 | | 0 | | 49 | 126 | 20 |
| Chrysene | 1200 | 0 | 1300 | ug/Kg | 108 | | 0 | | 50 | 124 | 20 |
| Benzo(b)fluoranthene | 1200 | 0 | 1600 | ug/Kg | 133 | * | 0 | | 45 | 132 | 20 |
| Benzo(k)fluoranthene | 1200 | 0 | 1300 | ug/Kg | 108 | | 8 | | 47 | 132 | 20 |
| Benzo(a)pyrene | 1200 | 0 | 1300 | ug/Kg | 108 | | 0 | | 45 | 129 | 20 |
| Indeno(1,2,3-cd)pyrene | 1200 | 0 | 810 | ug/Kg | 68 | | 3 | | 45 | 133 | 20 |
| Dibenz(a,h)anthracene | 1200 | 0 | 710 | ug/Kg | 59 | | 3 | | 45 | 134 | 20 |
| Benzo(g,h,i)perylene | 1200 | 0 | 830 | ug/Kg | 69 | | 3 | | 43 | 134 | 20 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2639 **Analytical Method:** 8270E

**Client:** Nobis Group **DataFile:** BF143212.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168929BS | Naphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 35 | 123 | |
| | 2-Methylnaphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 38 | 122 | |
| | Acenaphthylene | 1700 | 1400 | ug/Kg | 82 | | | | 32 | 132 | |
| | Acenaphthene | 1700 | 1500 | ug/Kg | 88 | | | | 40 | 123 | |
| | Fluorene | 1700 | 1400 | ug/Kg | 82 | | | | 43 | 125 | |
| | Phenanthrene | 1700 | 1400 | ug/Kg | 82 | | | | 50 | 121 | |
| | Anthracene | 1700 | 1400 | ug/Kg | 82 | | | | 47 | 123 | |
| | Fluoranthene | 1700 | 1500 | ug/Kg | 88 | | | | 50 | 127 | |
| | Pyrene | 1700 | 1500 | ug/Kg | 88 | | | | 47 | 127 | |
| | Benzo(a)anthracene | 1700 | 1500 | ug/Kg | 88 | | | | 49 | 126 | |
| | Chrysene | 1700 | 1400 | ug/Kg | 82 | | | | 50 | 124 | |
| | Benzo(b)fluoranthene | 1700 | 1500 | ug/Kg | 88 | | | | 45 | 132 | |
| | Benzo(k)fluoranthene | 1700 | 1500 | ug/Kg | 88 | | | | 47 | 132 | |
| | Benzo(a)pyrene | 1700 | 1500 | ug/Kg | 88 | | | | 45 | 129 | |
| | Indeno(1,2,3-cd)pyrene | 1700 | 1500 | ug/Kg | 88 | | | | 45 | 133 | |
| | Dibenz(a,h)anthracene | 1700 | 1500 | ug/Kg | 88 | | | | 45 | 134 | |
| | Benzo(g,h,i)perylene | 1700 | 1500 | ug/Kg | 88 | | | | 43 | 134 | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168929BL

Lab Name: Alliance | Contract: NOBI03

Lab Code: ACE | SDG NO.: Q2639

Lab File ID: BF143178.D | Lab Sample ID: PB168929BL

Instrument ID: BNA_F | Date Extracted: 07/21/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/22/2025

Level: (low/med) LOW | Time Analyzed: 09:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| RT2286MS | Q2635-01MS | BF143180.D | 07/22/2025 |
| RT2286MSD | Q2635-01MSD | BF143181.D | 07/22/2025 |
| PB168929BS | PB168929BS | BF143212.D | 07/23/2025 |
| OU4-TS-39-071725 | Q2639-03 | BP025209.D | 07/22/2025 |
| OU4-TS-40-071725 | Q2639-05 | BP025210.D | 07/22/2025 |
| OU4-TS-41-071725 | Q2639-07 | BP025211.D | 07/22/2025 |
| OU4-TS-42-071725 | Q2639-09 | BP025212.D | 07/22/2025 |
| OU4-TS-43-071725 | Q2639-11 | BP025213.D | 07/22/2025 |
| OU4-TS-38-071725 | Q2639-01 | BP025222.D | 07/23/2025 |
| OU4-TS-44-071725 | Q2639-13 | BP025223.D | 07/23/2025 |

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 100.0 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 365 | Greater than 1% of mass 198 | 3.8 |
| 441 | Present, but less than mass 443 | 79.6 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19.5 (19.5) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BF143140.D | 07/17/2025 | 11:04 |
| SSTDICC005 | SSTDICC005 | BF143141.D | 07/17/2025 | 11:34 |
| SSTDICC010 | SSTDICC010 | BF143142.D | 07/17/2025 | 12:04 |
| SSTDICC020 | SSTDICC020 | BF143143.D | 07/17/2025 | 12:34 |
| SSTDICCC040 | SSTDICCC040 | BF143144.D | 07/17/2025 | 13:03 |
| SSTDICC050 | SSTDICC050 | BF143145.D | 07/17/2025 | 13:33 |
| SSTDICC060 | SSTDICC060 | BF143146.D | 07/17/2025 | 14:04 |
| SSTDICC080 | SSTDICC080 | BF143147.D | 07/17/2025 | 14:34 |

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BF143176.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 07:48

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.4 ( 1.6 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.4 |
| 365 | Greater than 1% of mass 198 | 4.0 |
| 441 | Present, but less than mass 443 | 81.1 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 18.9 (18.9) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF143177.D | 07/22/2025 | 08:46 |
| PB168929BL | PB168929BL | BF143178.D | 07/22/2025 | 09:15 |
| RT2286MS | Q2635-01MS | BF143180.D | 07/22/2025 | 10:26 |
| RT2286MSD | Q2635-01MSD | BF143181.D | 07/22/2025 | 10:55 |
| SSTDCCC040EC | SSTDCCC040 | BF143187.D | 07/22/2025 | 13:55 |

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BF143209.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:34

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.7 |
| 365 | Greater than 1% of mass 198 | 3.9 |
| 441 | Present, but less than mass 443 | 78.8 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19.1 (19.1) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF143210.D | 07/23/2025 | 14:33 |
| PB168929BS | PB168929BS | BF143212.D | 07/23/2025 | 15:31 |
| SSTDCCC040EC | SSTDCCC040 | BF143221.D | 07/23/2025 | 19:54 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025194.D DFTPP Injection Date: 07/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:02

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.7 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 365 | Greater than 1% of mass 198 | 3.7 |
| 441 | Present, but less than mass 443 | 80.1 |
| 442 | Greater than 50% of mass 198 | 100.0 |
| 443 | 15.0 - 24.0% of mass 442 | 18.5 (19.5) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BP025196.D | 07/21/2025 | 14:25 |
| SSTDICC005 | SSTDICC005 | BP025197.D | 07/21/2025 | 15:06 |
| SSTDICC010 | SSTDICC010 | BP025198.D | 07/21/2025 | 15:47 |
| SSTDICC020 | SSTDICC020 | BP025199.D | 07/21/2025 | 16:29 |
| SSTDICCC040 | SSTDICCC040 | BP025200.D | 07/21/2025 | 17:10 |
| SSTDICC050 | SSTDICC050 | BP025201.D | 07/21/2025 | 17:51 |
| SSTDICC060 | SSTDICC060 | BP025202.D | 07/21/2025 | 18:32 |
| SSTDICC080 | SSTDICC080 | BP025203.D | 07/21/2025 | 19:14 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025206.D DFTPP Injection Date: 07/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:04

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.6 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.2 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 7 |
| 365 | Greater than 1% of mass 198 | 3.7 |
| 441 | Present, but less than mass 443 | 77.1 |
| 442 | Greater than 50% of mass 198 | 100.0 |
| 443 | 15.0 - 24.0% of mass 442 | 18.6 (19.8) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP025207.D | 07/22/2025 | 09:45 |
| OU4-TS-39-071725 | Q2639-03 | BP025209.D | 07/22/2025 | 11:10 |
| OU4-TS-40-071725 | Q2639-05 | BP025210.D | 07/22/2025 | 11:51 |
| OU4-TS-41-071725 | Q2639-07 | BP025211.D | 07/22/2025 | 12:32 |
| OU4-TS-42-071725 | Q2639-09 | BP025212.D | 07/22/2025 | 13:14 |
| OU4-TS-43-071725 | Q2639-11 | BP025213.D | 07/22/2025 | 13:55 |
| SSTDCCC040EC | SSTDCCC040 | BP025217.D | 07/22/2025 | 16:47 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025218.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:41

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.7 ) 1 |
| 69 | Mass 69 relative abundance | 100.0 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.2 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 365 | Greater than 1% of mass 198 | 3.6 |
| 441 | Present, but less than mass 443 | 79.6 |
| 442 | Greater than 50% of mass 198 | 100.0 |
| 443 | 15.0 - 24.0% of mass 442 | 17.4 (19.4) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP025219.D | 07/23/2025 | 11:22 |
| OU4-TS-38-071725 | Q2639-01 | BP025222.D | 07/23/2025 | 13:28 |
| OU4-TS-44-071725 | Q2639-13 | BP025223.D | 07/23/2025 | 14:09 |
| SSTDCCC040EC | SSTDCCC040 | BP025226.D | 07/23/2025 | 16:13 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2639

Lab File ID: BP025227.D DFTPP Injection Date: 07/23/2025

Instrument ID: BNA_P DFTPP Injection Time: 16:54

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.4 ( 1.6 ) 1 |
| 69 | Mass 69 relative abundance | 100.0 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 197 | Less than 2.0% of mass 198 | 0.1 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.9 |
| 365 | Greater than 1% of mass 198 | 3.9 |
| 441 | Present, but less than mass 443 | 80.8 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19.5 (19.5) 2 |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP025228.D | 07/23/2025 | 18:16 |
| OU4-TS-38-071725RE | Q2639-01RE | BP025231.D | 07/23/2025 | 20:20 |
| SSTDCCC040EC | SSTDCCC040 | BP025233.D | 07/23/2025 | 21:42 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143177.D Time Analyzed: 08:46

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 137586 | 6.963 | 540273 | 8.25 | 287067 | 10.00 |
| | UPPER LIMIT | 275172 | 7.463 | 1080550 | 8.745 | 574134 | 10.504 |
| | LOWER LIMIT | 68793 | 6.463 | 270137 | 7.745 | 143534 | 9.504 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | RT2286MS | 122637 | 6.96 | 483164 | 8.25 | 258898 | 10.00 |
| 02 | RT2286MSD | 136589 | 6.96 | 529762 | 8.25 | 274462 | 10.00 |
| 03 | PB168929BL | 144783 | 6.96 | 553185 | 8.24 | 297105 | 10.00 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BF143177.D Time Analyzed: 08:46

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 481775 | 11.486 | 251217 | 14.127 | 256275 | 15.633 |
| | UPPER LIMIT | 963550 | 11.986 | 502434 | 14.627 | 512550 | 16.133 |
| | LOWER LIMIT | 240888 | 10.986 | 125609 | 13.627 | 128138 | 15.133 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | RT2286MS | 420723 | 11.49 | 277520 | 14.13 | 250625 | 15.63 |
| 02 | RT2286MSD | 414650 | 11.49 | 276295 | 14.13 | 228694 | 15.64 |
| 03 | PB168929BL | 537789 | 11.49 | 319412 | 14.12 | 277367 | 15.63 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 97351 | 6.963 | 364498 | 8.25 | 187438 | 10.00 |
| | UPPER LIMIT | 194702 | 7.463 | 728996 | 8.745 | 374876 | 10.498 |
| | LOWER LIMIT | 48675.5 | 6.463 | 182249 | 7.745 | 93719 | 9.498 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168929BS | 127346 | 6.96 | 497233 | 8.25 | 269042 | 10.00 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BF143210.D Time Analyzed: 14:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 309922 | 11.486 | 228057 | 14.121 | 245226 | 15.627 |
| | UPPER LIMIT | 619844 | 11.986 | 456114 | 14.621 | 490452 | 16.127 |
| | LOWER LIMIT | 154961 | 10.986 | 114029 | 13.621 | 122613 | 15.127 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168929BS | 457175 | 11.49 | 257414 | 14.13 | 259291 | 15.63 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BP025207.D Time Analyzed: 09:45

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 518495 | 7.425 | 2112480 | 10.17 | 1361960 | 14.07 |
| | UPPER LIMIT | 1036990 | 7.925 | 4224960 | 10.672 | 2723920 | 14.572 |
| | LOWER LIMIT | 259248 | 6.925 | 1056240 | 9.672 | 680980 | 13.572 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-39-071725 | 920177 | 7.43 | 3525500 | 10.17 | 2109530 | 14.07 |
| 02 | OU4-TS-40-071725 | 870169 | 7.44 | 3344280 | 10.17 | 1975950 | 14.08 |
| 03 | OU4-TS-41-071725 | 881585 | 7.43 | 3356750 | 10.18 | 2011980 | 14.08 |
| 04 | OU4-TS-42-071725 | 904868 | 7.44 | 3462900 | 10.17 | 2059500 | 14.07 |
| 05 | OU4-TS-43-071725 | 878548 | 7.43 | 3358650 | 10.18 | 2004270 | 14.07 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/22/2025

Lab File ID: BP025207.D Time Analyzed: 09:45

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2757840 | 16.889 | 3009910 | 21.336 | 3535260 | 24.442 |
| | UPPER LIMIT | 5515680 | 17.389 | 6019820 | 21.836 | 7070520 | 24.942 |
| | LOWER LIMIT | 1378920 | 16.389 | 1504960 | 20.836 | 1767630 | 23.942 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-39-071725 | 3961380 | 16.89 | 3833110 | 21.32 | 4465380 | 24.44 |
| 02 | OU4-TS-40-071725 | 3638860 | 16.89 | 3558680 | 21.32 | 4138300 | 24.46 |
| 03 | OU4-TS-41-071725 | 3659940 | 16.91 | 3519090 | 21.34 | 4080540 | 24.45 |
| 04 | OU4-TS-42-071725 | 3779950 | 16.90 | 3553060 | 21.34 | 4178410 | 24.47 |
| 05 | OU4-TS-43-071725 | 3663000 | 16.88 | 3467560 | 21.33 | 4001780 | 24.47 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 466387 | 7.437 | 1926820 | 10.18 | 1245960 | 14.08 |
| | UPPER LIMIT | 932774 | 7.937 | 3853640 | 10.678 | 2491920 | 14.578 |
| | LOWER LIMIT | 233194 | 6.937 | 963410 | 9.678 | 622980 | 13.578 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-38-071725 | 508416 | 7.44 | 2118130 | 10.18 | 1475610 | 14.08 |
| 02 | OU4-TS-44-071725 | 635401 | 7.44 | 2349340 | 10.18 | 1282000 | 14.08 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025219.D Time Analyzed: 11:22

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2530830 | 16.901 | 2561120 | 21.336 | 3092370 | 24.471 |
| | UPPER LIMIT | 5061660 | 17.401 | 5122240 | 21.836 | 6184740 | 24.971 |
| | LOWER LIMIT | 1265420 | 16.401 | 1280560 | 20.836 | 1546190 | 23.971 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-38-071725 | 3006830 | 16.90 | 3038960 | 21.34 | 3598510 | 24.48 |
| 02 | OU4-TS-44-071725 | 2536430 | 16.90 | 3032390 | 21.32 | 3690510 | 24.47 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID : SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025228.D Time Analyzed: 18:16

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 475755 | 7.437 | 2010400 | 10.18 | 1363060 | 14.08 |
| | UPPER LIMIT | 951510 | 7.937 | 4020800 | 10.678 | 2726120 | 14.578 |
| | LOWER LIMIT | 237878 | 6.937 | 1005200 | 9.678 | 681530 | 13.578 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-38-071725RE | 494228 | 7.43 | 1941060 | 10.17 | 1257970 | 14.08 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2639

Client ID: SSTDCCC040 Date Analyzed: 07/23/2025

Lab File ID: BP025228.D Time Analyzed: 18:16

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2867780 | 16.895 | 2918400 | 21.336 | 3385440 | 24.483 |
| | UPPER LIMIT | 5735560 | 17.395 | 5836800 | 21.836 | 6770880 | 24.983 |
| | LOWER LIMIT | 1433890 | 16.395 | 1459200 | 20.836 | 1692720 | 23.983 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | OU4-TS-38-071725RE | 2582910 | 16.89 | 2791400 | 21.33 | 3376000 | 24.47 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

# SAMPLE DATA

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-38-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-01 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.6 |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025222.D | 1 | 07/21/25 09:30 | 07/23/25 13:28 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.16 | U | 0.032 | 0.16 | 0.21 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.16 | U | 0.036 | 0.16 | 0.21 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 86-73-7 | Fluorene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 120-12-7 | Anthracene | 0.16 | U | 0.041 | 0.16 | 0.21 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.20 | J | 0.037 | 0.16 | 0.21 | mg/Kg |
| 129-00-0 | Pyrene | 0.25 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.18 | J | 0.029 | 0.16 | 0.21 | mg/Kg |
| 218-01-9 | Chrysene | 0.21 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.24 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.20 | J | 0.037 | 0.16 | 0.21 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.11 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.16 | U | 0.034 | 0.16 | 0.21 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.14 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 37.9 | | 37 - 122 | | 38% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 37.0 | * | 44 - 115 | | 37% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 38.5 | * | 54 - 127 | | 38% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 508000 | 7.437 | | | | |
| 1146-65-2 | Naphthalene-d8 | 2120000 | 10.178 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 1480000 | 14.078 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3010000 | 16.895 | | | | |
| 1719-03-5 | Chrysene-d12 | 3040000 | 21.342 | | | | |
| 1520-96-3 | Perylene-d12 | 3600000 | 24.477 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-38-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-01 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.6 |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025222.D | 1 | 07/21/25 09:30 | 07/23/25 13:28 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 508416 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2118134 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1475610 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3006834 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.342 | 240 | 3038957 | 20.000 | ng | | 0.02 |
| 86) Perylene-d12 | 24.477 | 264 | 3598510 | 20.000 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1851354 | 61.527 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 2411148 | 64.698 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 1444714 | 37.905 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1372619 | 63.098 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.672 | 172 | 3875609 | 37.028 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.660 | 244 | 5925338 | 38.489 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 75) Fluoranthene | 19.042 | 202 | 940106 | 4.926 | ng | | 99 |
| 78) Pyrene | 19.425 | 202 | 1133511 | 6.049 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.324 | 228 | 840170m | 4.378 | ng | | |
| 83) Chrysene | 21.377 | 228 | 913415 | 5.099 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 27.989 | 276 | 731185 | 2.780 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 1193321 | 5.793 | ng | # | 96 |
| 90) Benzo(a)pyrene | 24.313 | 252 | 994520 | 4.949 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.083 | 276 | 731804 | 3.471 | ng | | 96 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

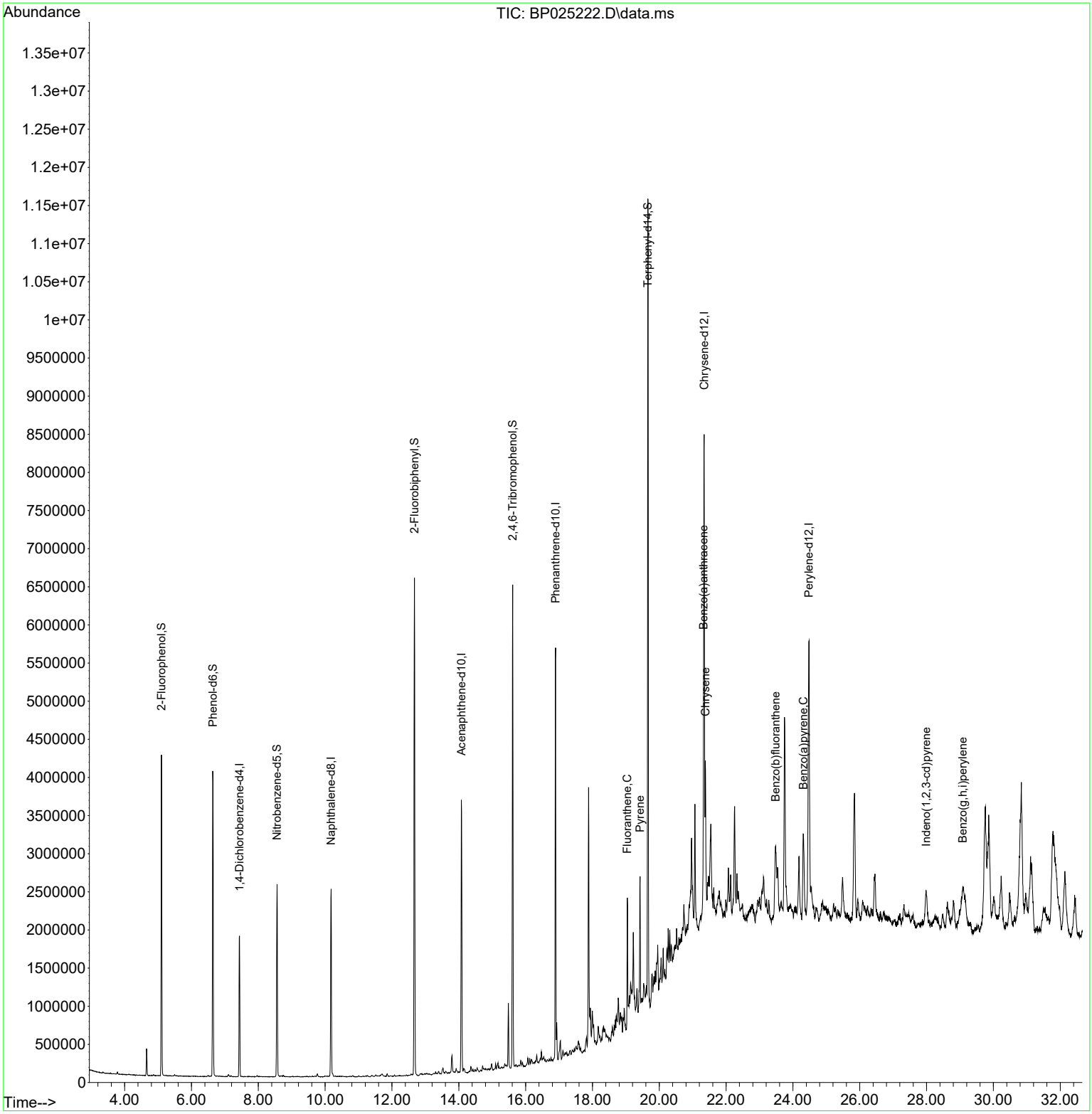
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

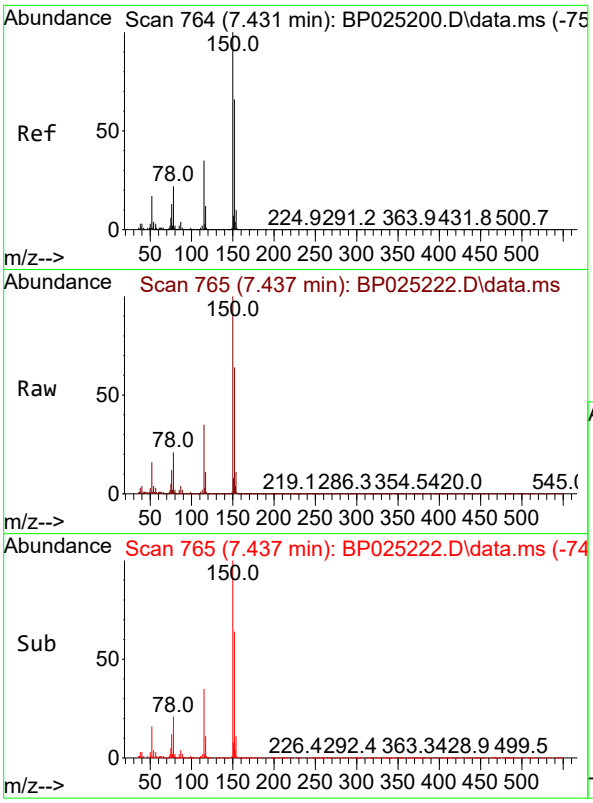
Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

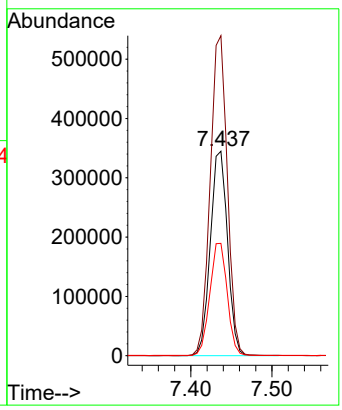





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7(
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:152 Resp: 50841(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 121.9 | 182.9 |
| 115 | 55.0 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
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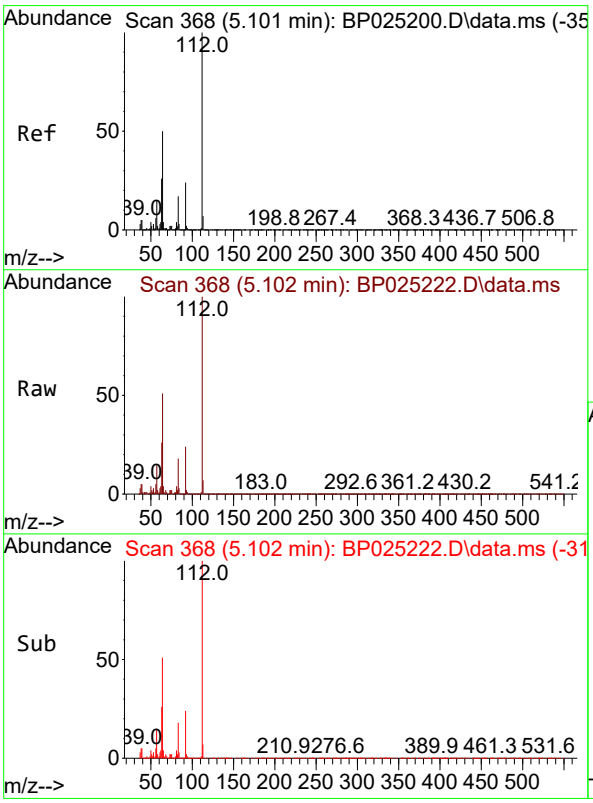
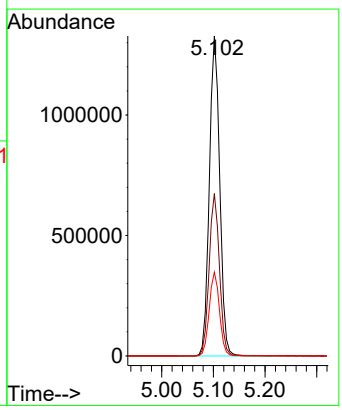
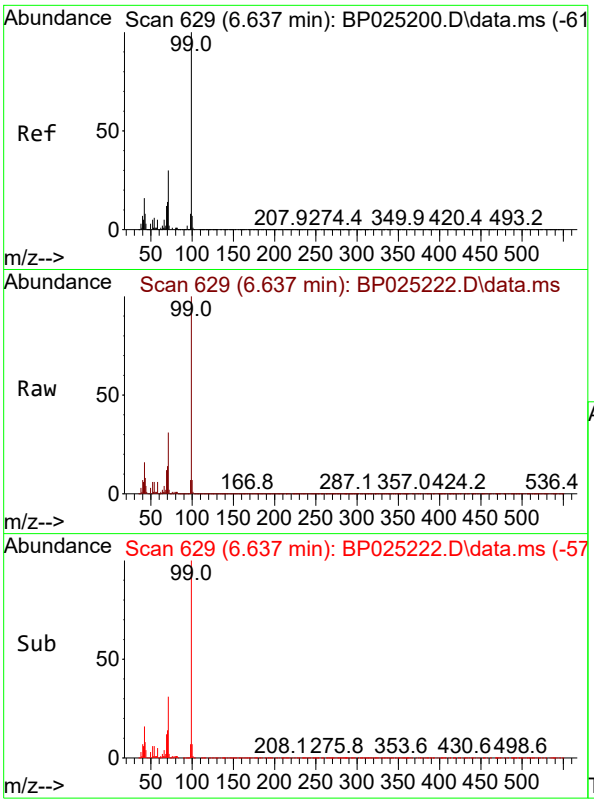



#5
2-Fluorophenol
Concen: 61.527 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:112 Resp: 1851354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.8 | 39.8 | 59.6 |
| 63 | 26.2 | 20.5 | 30.7 |

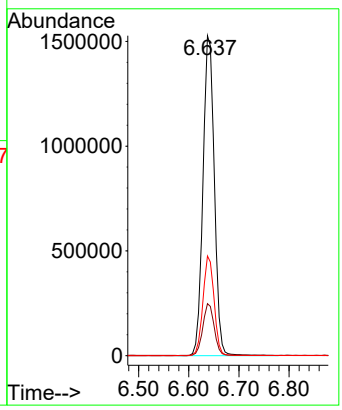





#7
Phenol-d6
Concen: 64.698 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion: 99 Resp: 241114

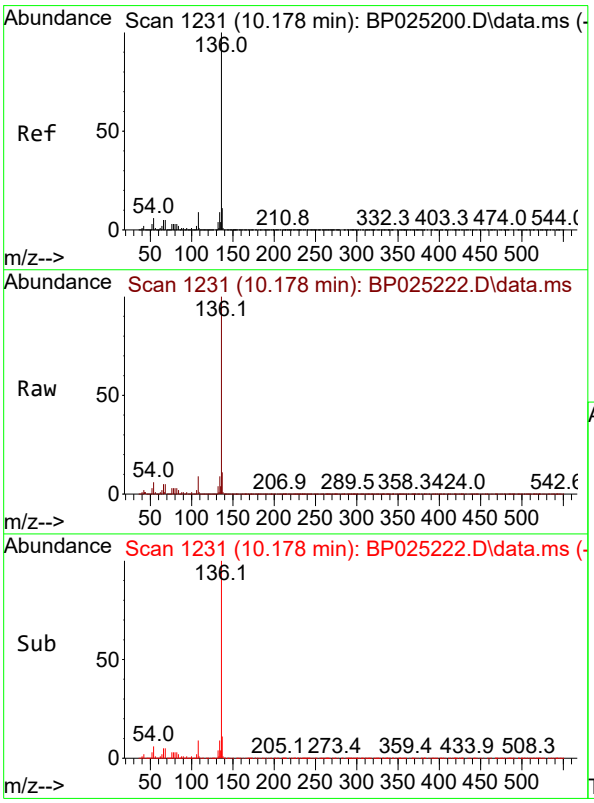
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.5 | 18.7 |
| 71 | 31.2 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations APPROVED**

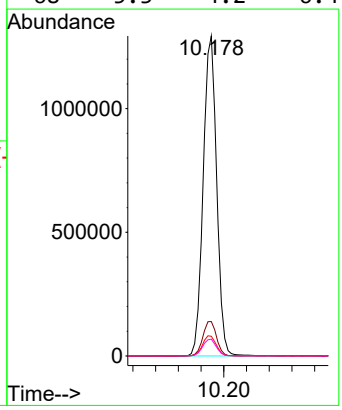
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

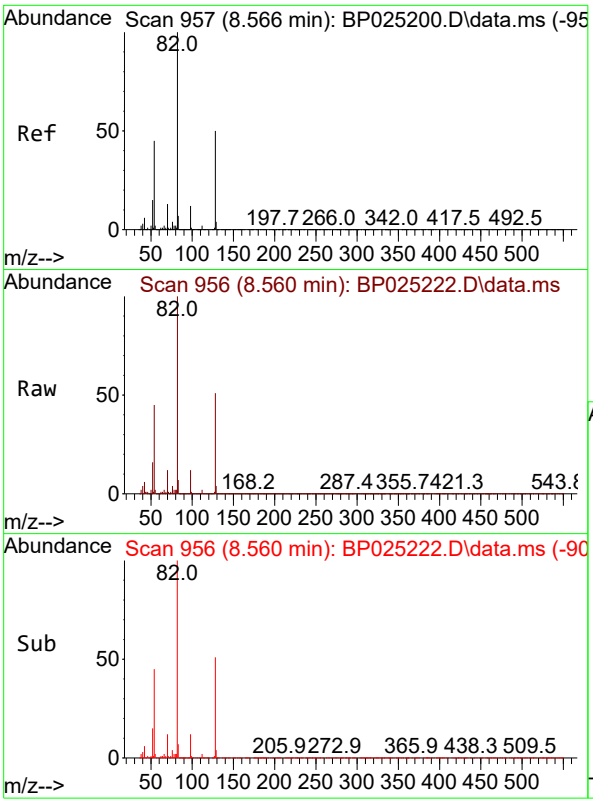



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:136 Resp: 2118134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 6.2 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |

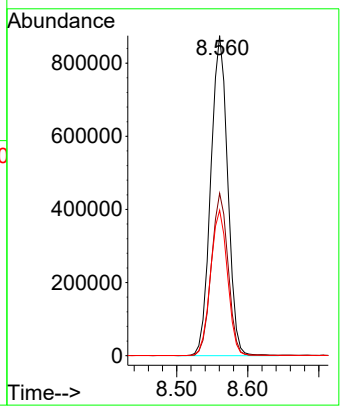





#23
Nitrobenzene-d5
Concen: 37.905 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion: 82 Resp: 144471

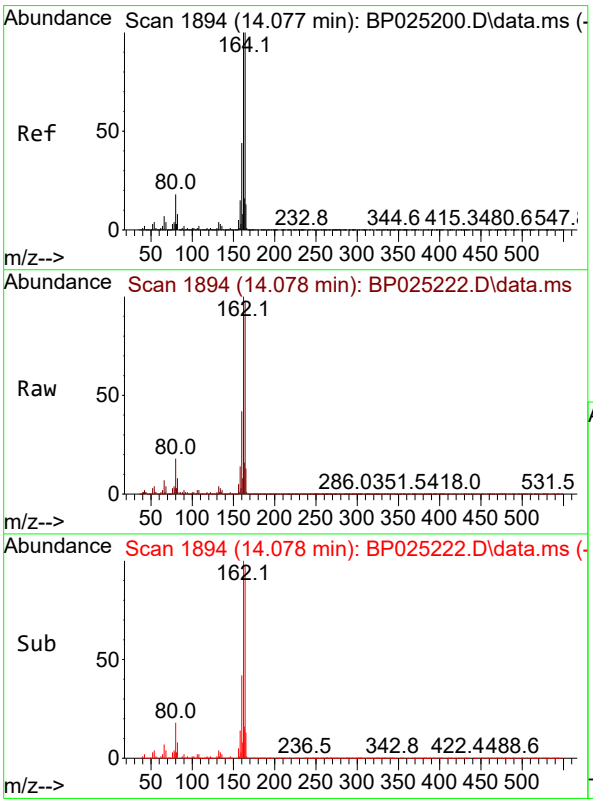
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.7 | 40.2 | 60.4 |
| 54 | 45.4 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations**
**APPROVED**

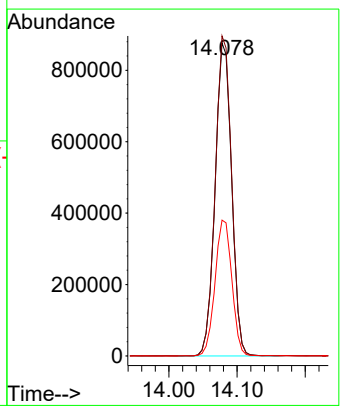
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

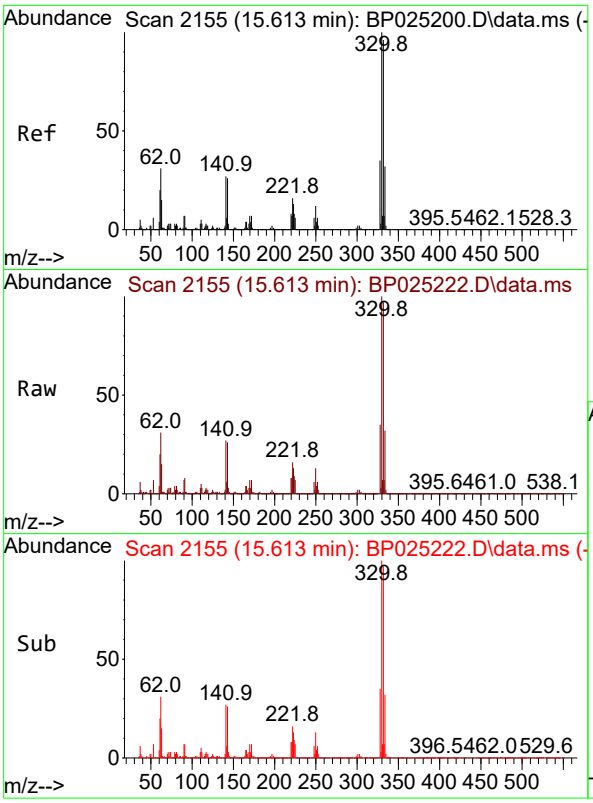



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:164 Resp: 1475610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 80.3 | 120.5 |
| 160 | 43.4 | 35.7 | 53.5 |

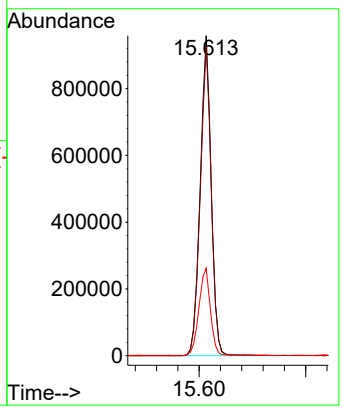





#42
2,4,6-Tribromophenol
Concen: 63.098 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

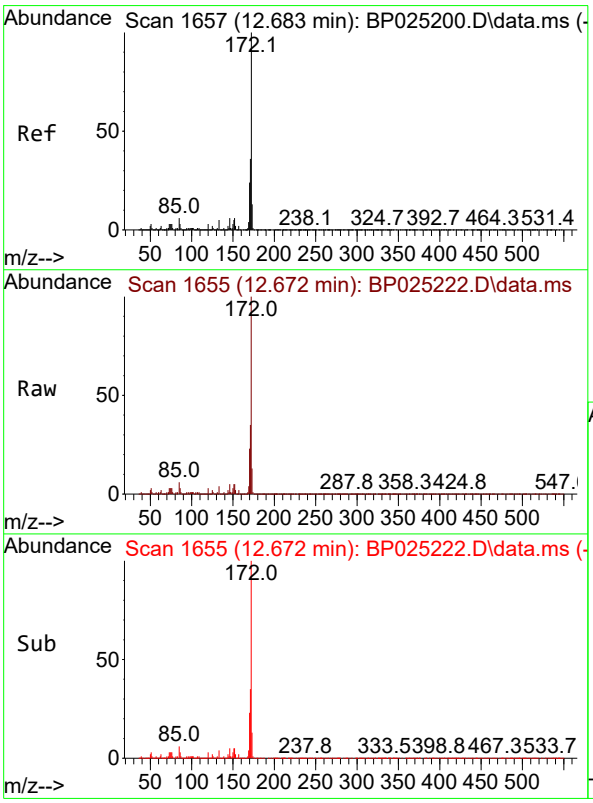
Tgt Ion:330 Resp: 137261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 77.1 | 115.7 |
| 141 | 28.1 | 22.4 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

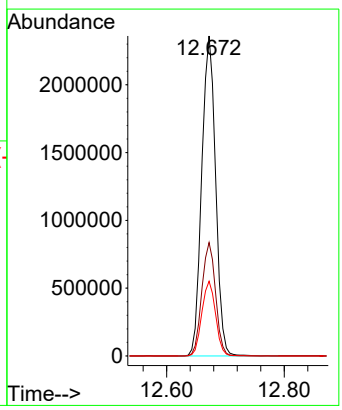
**Manual Integrations**
**APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

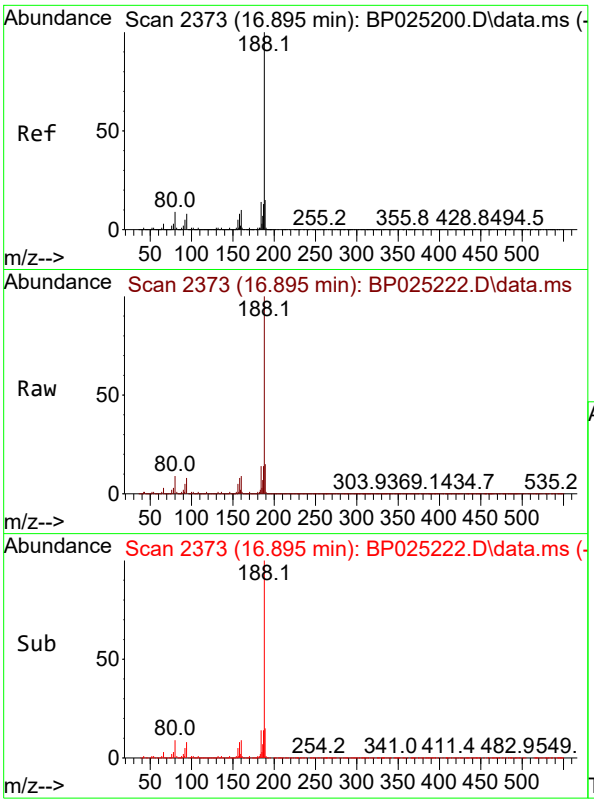



#45
2-Fluorobiphenyl
Concen: 37.028 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:172 Resp: 3875609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.3 | 19.2 | 28.8 |

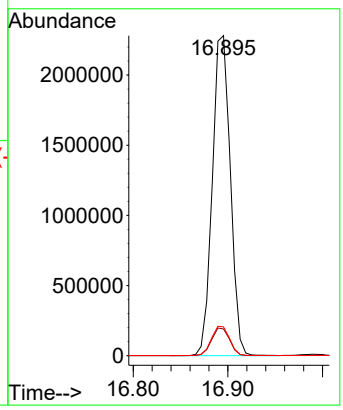





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

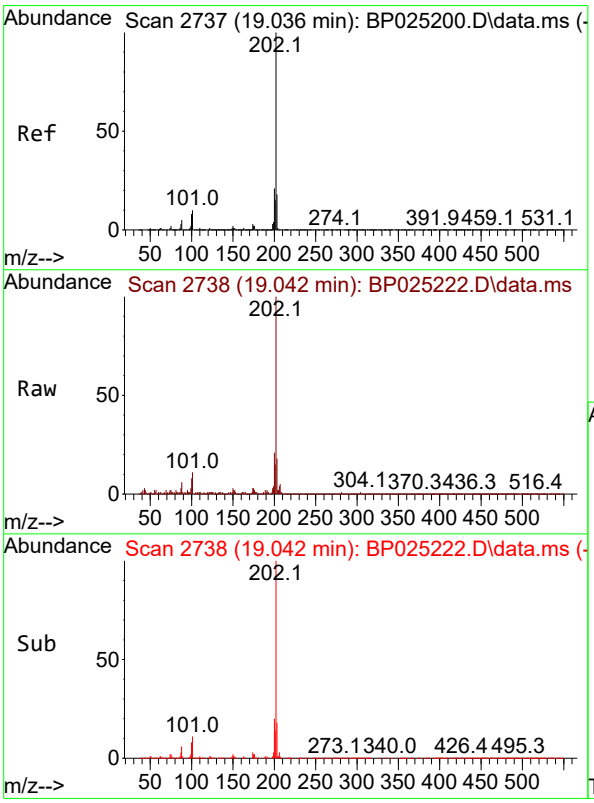
Tgt Ion:188 Resp: 300683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.8 | 10.2 |
| 80 | 9.0 | 7.3 | 10.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

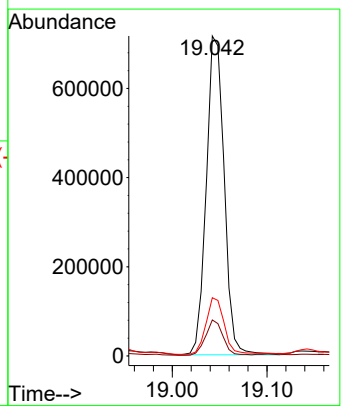
**Manual Integrations**
**APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

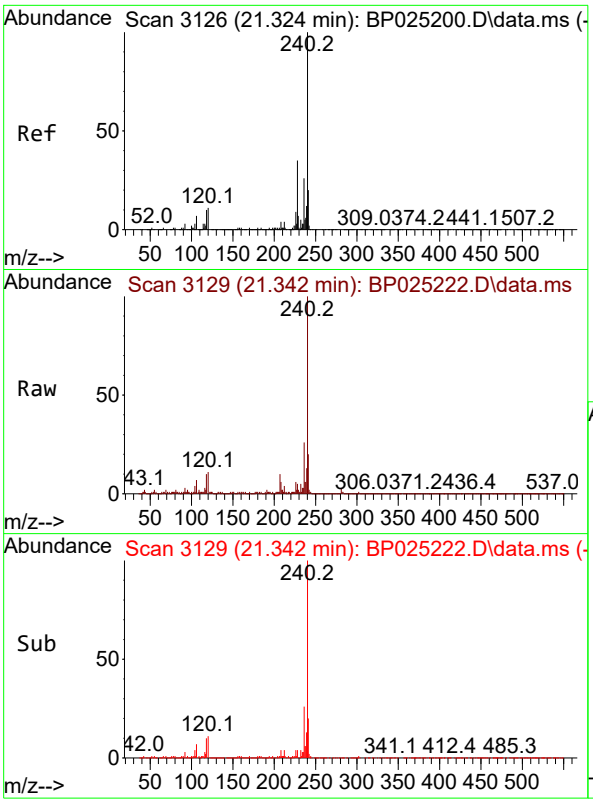



#75
Fluoranthene
Concen: 4.926 ng
RT: 19.042 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:202 Resp: 940106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.2 | 0.0 | 38.0 |

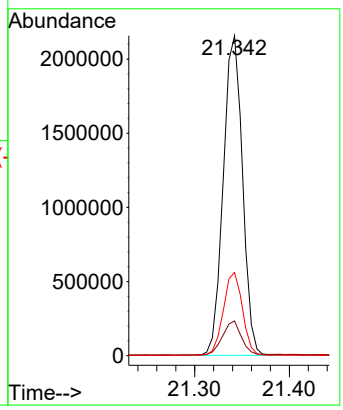





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:240 Resp: 303895

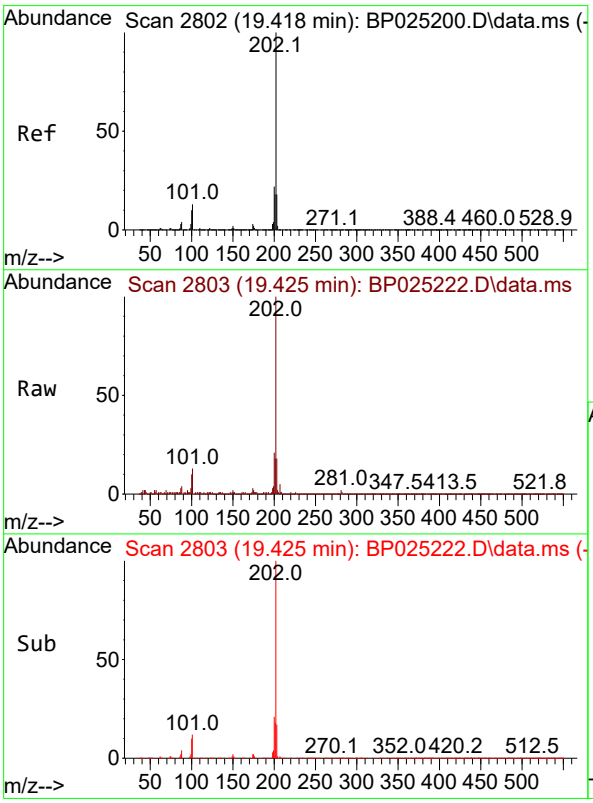
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.8 | 13.2 |
| 236 | 26.0 | 20.9 | 31.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations APPROVED**

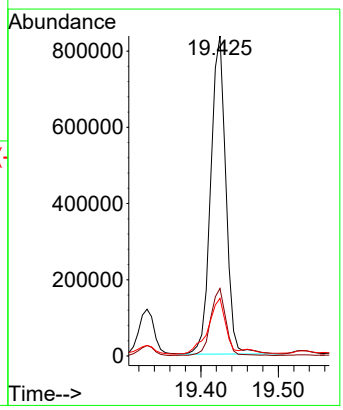
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

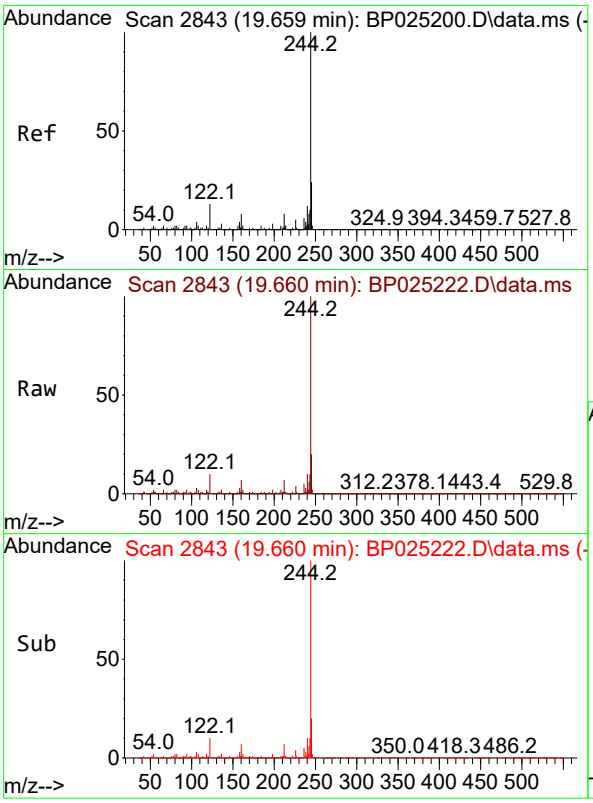



#78
Pyrene
Concen: 6.049 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:202 Resp: 1133511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 18.0 | 14.3 | 21.5 |

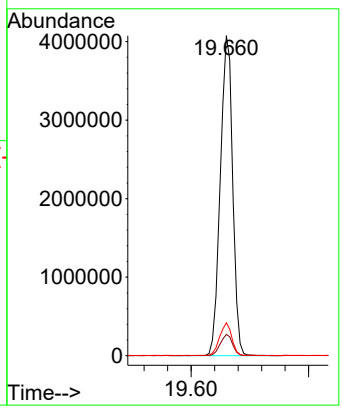





#79
Terphenyl-d14
Concen: 38.489 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:244 Resp: 592533

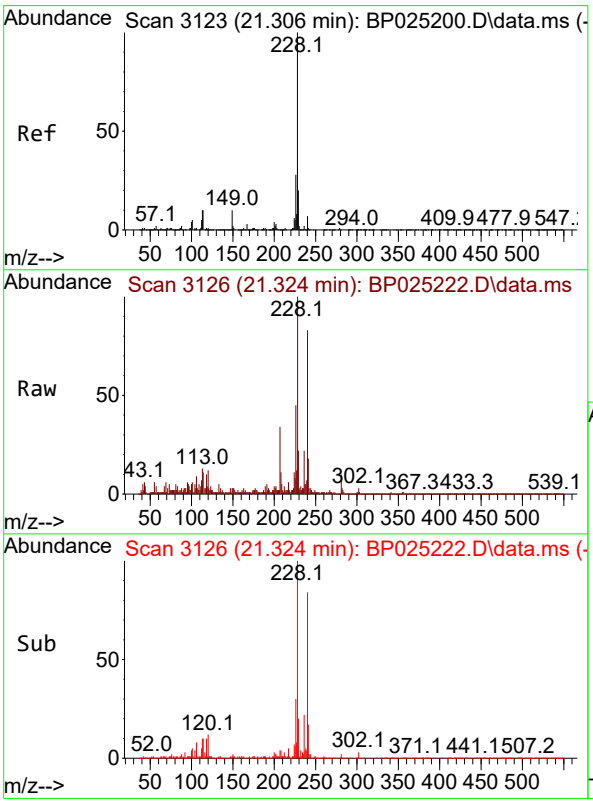
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.6 | 9.8 |
| 122 | 10.3 | 10.3 | 15.5# |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations**
**APPROVED**

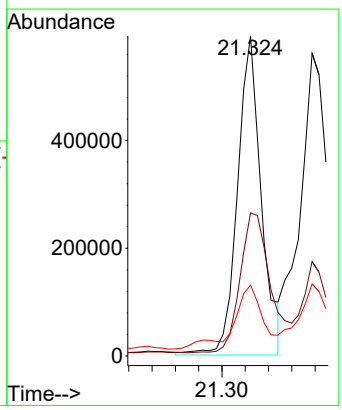
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

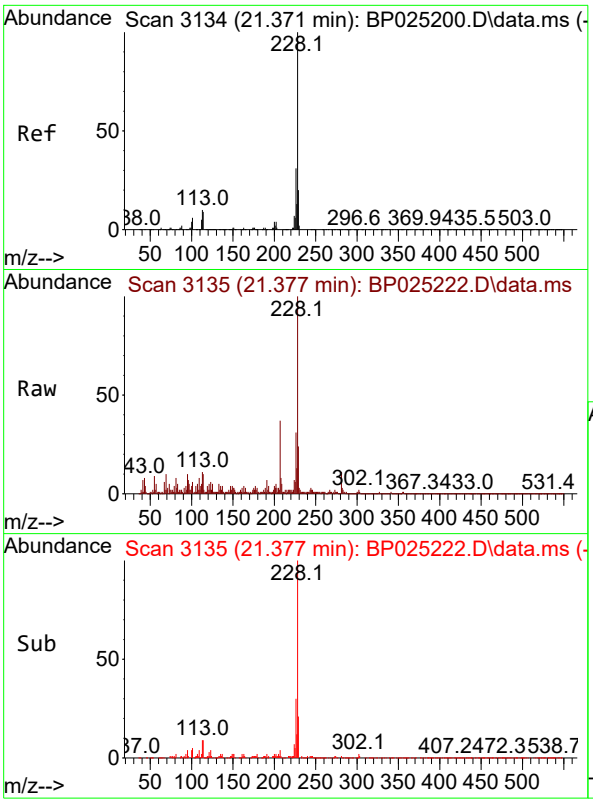



#81
Benzo(a)anthracene
Concen: 4.378 ng m
RT: 21.324 min Scan# 3126
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 840170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 44.7 | 22.3 | 33.5# |
| 229 | 22.1 | 16.2 | 24.2 |

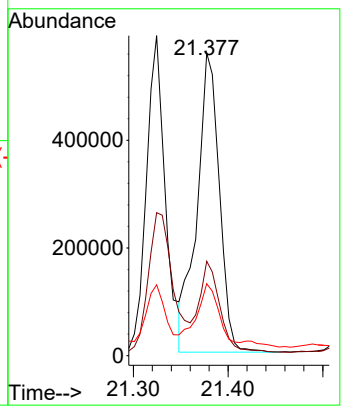





#83
Chrysene
Concen: 5.099 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 91341

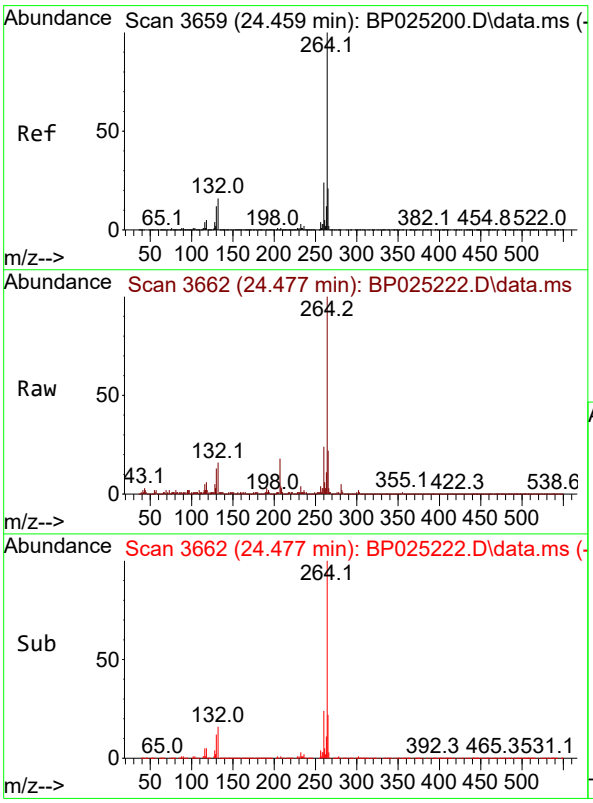
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.6 | 37.0 |
| 229 | 23.8 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations**
**APPROVED**

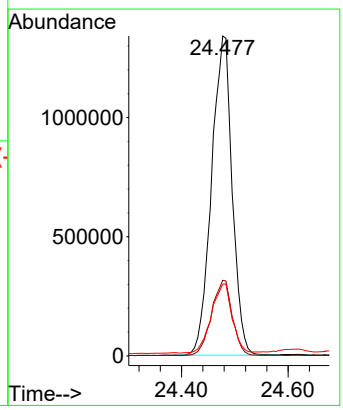
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

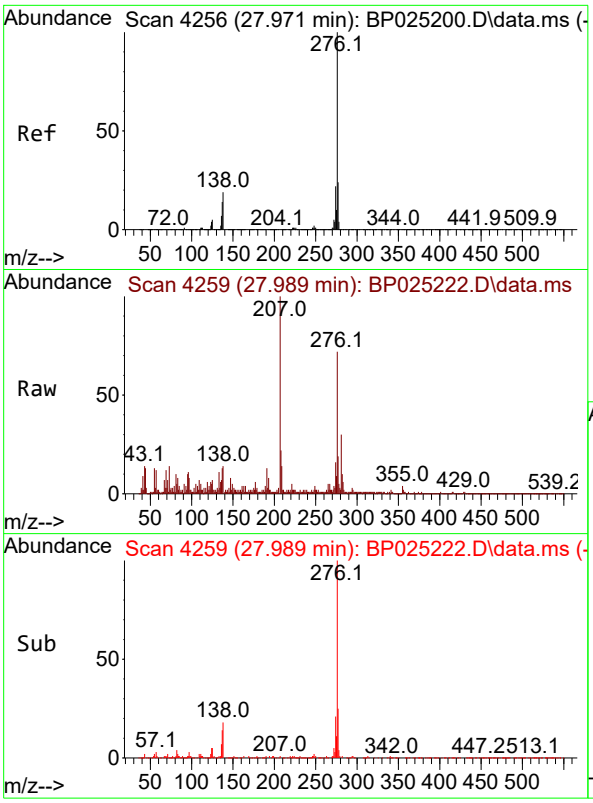



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:264 Resp: 3598510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.0 | 28.6 |
| 265 | 22.4 | 17.5 | 26.3 |

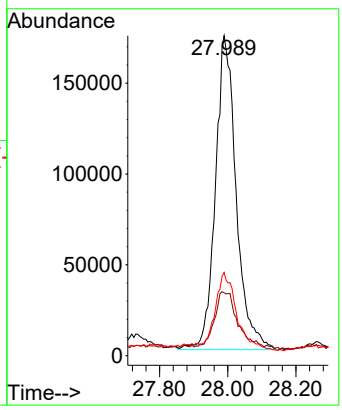





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.780 ng
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 73118

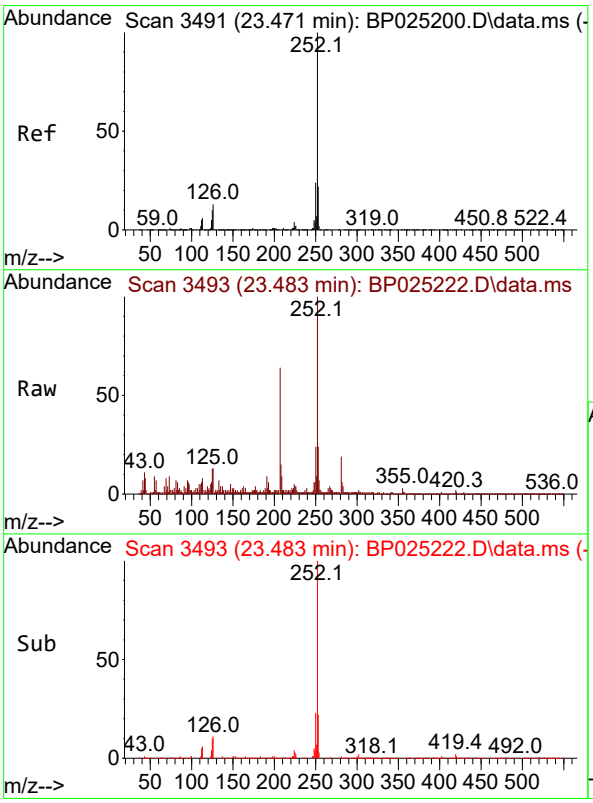
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 12.8 | 19.2 |
| 277 | 25.7 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

**Manual Integrations**
**APPROVED**

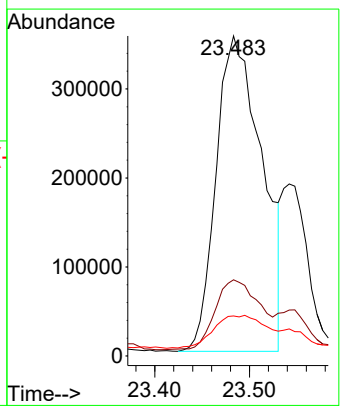
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

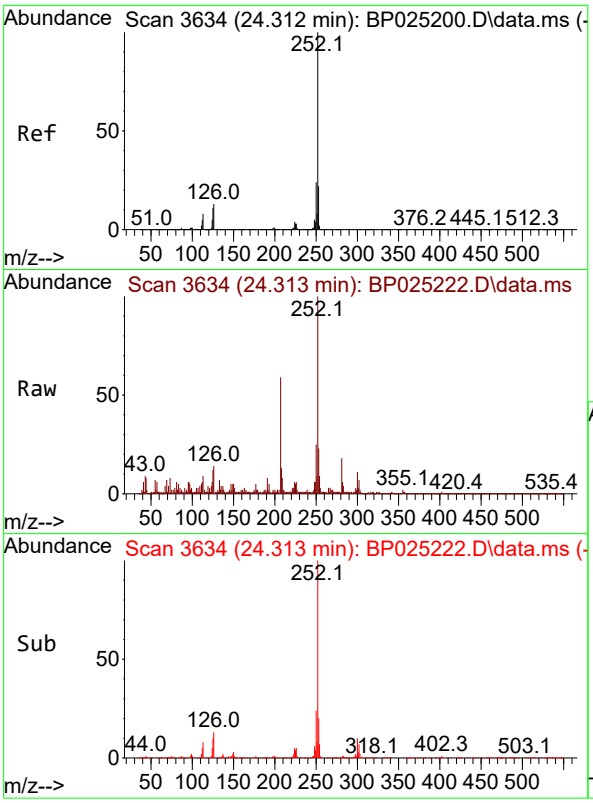



#88
Benzo(b)fluoranthene
Concen: 5.793 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:252 Resp: 1193321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.5 | 7.8 | 11.8# |

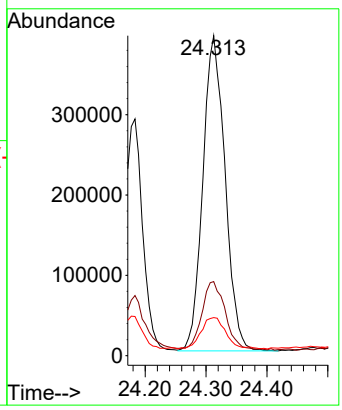





#90
Benzo(a)pyrene
Concen: 4.949 ng
RT: 24.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

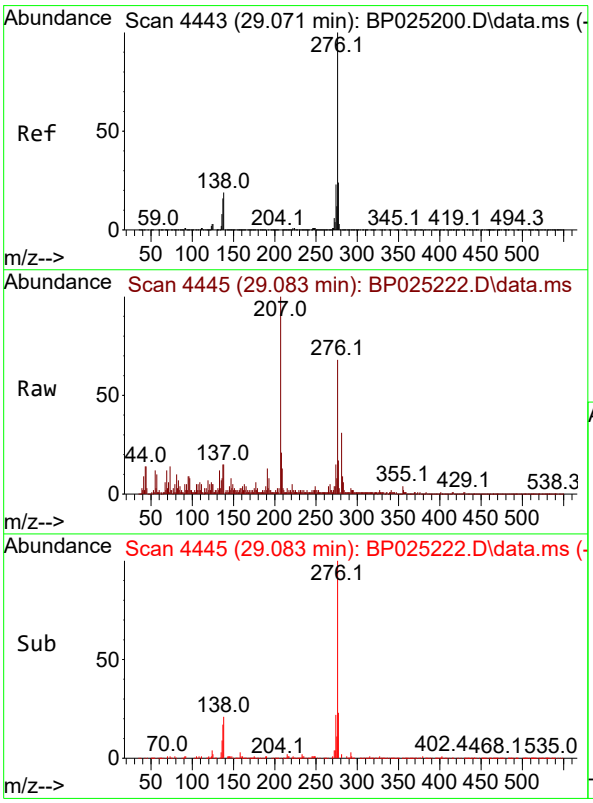
Tgt Ion:252 Resp: 99452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.8 | 26.6 |
| 125 | 11.9 | 8.6 | 12.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

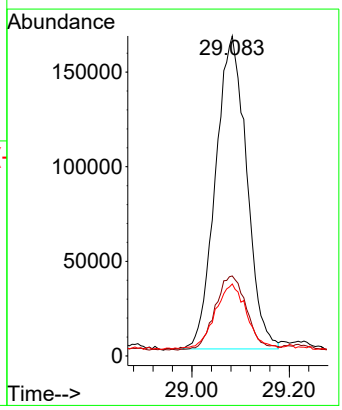
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025




#92
Benzo(g,h,i)perylene
Concen: 3.471 ng
RT: 29.083 min Scan# 4445
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 19.2 | 28.8 |
| 138 | 22.5 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025222.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.655 | 287 | 292 | 300 | rVB | 352649 | 486948 | 3.10% | 0.380% |
| 2 | 5.102 | 362 | 368 | 381 | rBV | 4207658 | 5829832 | 37.17% | 4.547% |
| 3 | 6.637 | 623 | 629 | 644 | rVB | 4000562 | 6350698 | 40.49% | 4.953% |
| 4 | 7.437 | 758 | 765 | 773 | rBV | 1842796 | 2726423 | 17.38% | 2.126% |
| 5 | 8.560 | 948 | 956 | 968 | rBV | 2516794 | 4173668 | 26.61% | 3.255% |
| 6 | 10.178 | 1223 | 1231 | 1237 | rBV | 2454727 | 4053727 | 25.85% | 3.162% |
| 7 | 12.672 | 1648 | 1655 | 1670 | rVB | 6523894 | 10727744 | 68.40% | 8.367% |
| 8 | 13.525 | 1791 | 1800 | 1807 | rBV3 | 81251 | 224346 | 1.43% | 0.175% |
| 9 | 13.795 | 1840 | 1846 | 1855 | rVB | 218758 | 435494 | 2.78% | 0.340% |
| 10 | 14.078 | 1887 | 1894 | 1902 | rBV | 3568124 | 6054395 | 38.60% | 4.722% |
| 11 | 14.984 | 2043 | 2048 | 2056 | rVB | 83403 | 167784 | 1.07% | 0.131% |
| 12 | 15.172 | 2072 | 2080 | 2083 | rBV | 79957 | 164152 | 1.05% | 0.128% |
| 13 | 15.484 | 2127 | 2133 | 2142 | rVB | 851769 | 1287326 | 8.21% | 1.004% |
| 14 | 15.613 | 2148 | 2155 | 2163 | rBV | 6318785 | 9211122 | 58.73% | 7.184% |
| 15 | 16.895 | 2368 | 2373 | 2377 | rBV2 | 5353529 | 7138691 | 45.52% | 5.568% |
| 16 | 16.931 | 2377 | 2379 | 2385 | rVB | 489934 | 546108 | 3.48% | 0.426% |
| 17 | 17.042 | 2388 | 2398 | 2403 | rVB2 | 246710 | 626486 | 3.99% | 0.489% |
| 18 | 17.825 | 2523 | 2531 | 2534 | rBV3 | 187076 | 465753 | 2.97% | 0.363% |
| 19 | 17.884 | 2534 | 2541 | 2548 | rBV2 | 3396238 | 5496224 | 35.04% | 4.287% |
| 20 | 17.995 | 2556 | 2560 | 2564 | rBV2 | 321771 | 537330 | 3.43% | 0.419% |
| 21 | 18.172 | 2587 | 2590 | 2599 | rBV8 | 166352 | 316512 | 2.02% | 0.247% |
| 22 | 18.307 | 2610 | 2613 | 2615 | rBV | 125867 | 164397 | 1.05% | 0.128% |
| 23 | 18.713 | 2680 | 2682 | 2687 | rBV5 | 162291 | 286233 | 1.83% | 0.223% |
| 24 | 18.772 | 2690 | 2692 | 2698 | rVB2 | 356284 | 532056 | 3.39% | 0.415% |
| 25 | 18.919 | 2714 | 2717 | 2719 | rBV3 | 192937 | 256949 | 1.64% | 0.200% |
| 26 | 18.948 | 2720 | 2722 | 2731 | rVB2 | 284941 | 456270 | 2.91% | 0.356% |
| 27 | 19.042 | 2734 | 2738 | 2742 | rBV | 1728644 | 2326528 | 14.83% | 1.815% |
| 28 | 19.142 | 2752 | 2755 | 2761 | rBV7 | 237566 | 493583 | 3.15% | 0.385% |
| 29 | 19.225 | 2765 | 2769 | 2774 | rVB | 868919 | 1257093 | 8.02% | 0.980% |
| 30 | 19.425 | 2796 | 2803 | 2807 | rBV | 1676827 | 2297712 | 14.65% | 1.792% |
| 31 | 19.660 | 2838 | 2843 | 2854 | rVB | 10604588 | 15683562 | 100.00% | 12.232% |
| 32 | 20.266 | 2944 | 2946 | 2950 | rVB | 451135 | 504143 | 3.21% | 0.393% |
| 33 | 20.966 | 3062 | 3065 | 3069 | rVB2 | 684652 | 847770 | 5.41% | 0.661% |
| 34 | 21.066 | 3078 | 3082 | 3089 | rVB2 | 1515910 | 2250328 | 14.35% | 1.755% |
| 35 | 21.342 | 3122 | 3129 | 3133 | rBV3 | 5962286 | 10722049 | 68.36% | 8.363% |
| 36 | 21.377 | 3133 | 3135 | 3142 | rVB | 1831842 | 2617353 | 16.69% | 2.041% |

Sample Results: **BP025222.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 22.254 | 3280 | 3284 | 3292 | rVB3 | 1268652 | 2365680 | 15.08% | 1.845% |
| 38 | 23.748 | 3533 | 3538 | 3545 | rBV | 2332506 | 4849255 | 30.92% | 3.782% |
| 39 | 24.483 | 3655 | 3663 | 3670 | rVB | 3293977 | 8298285 | 52.91% | 6.472% |
| 40 | 25.842 | 3887 | 3894 | 3903 | rVB | 1634932 | 4985341 | 31.79% | 3.888% |

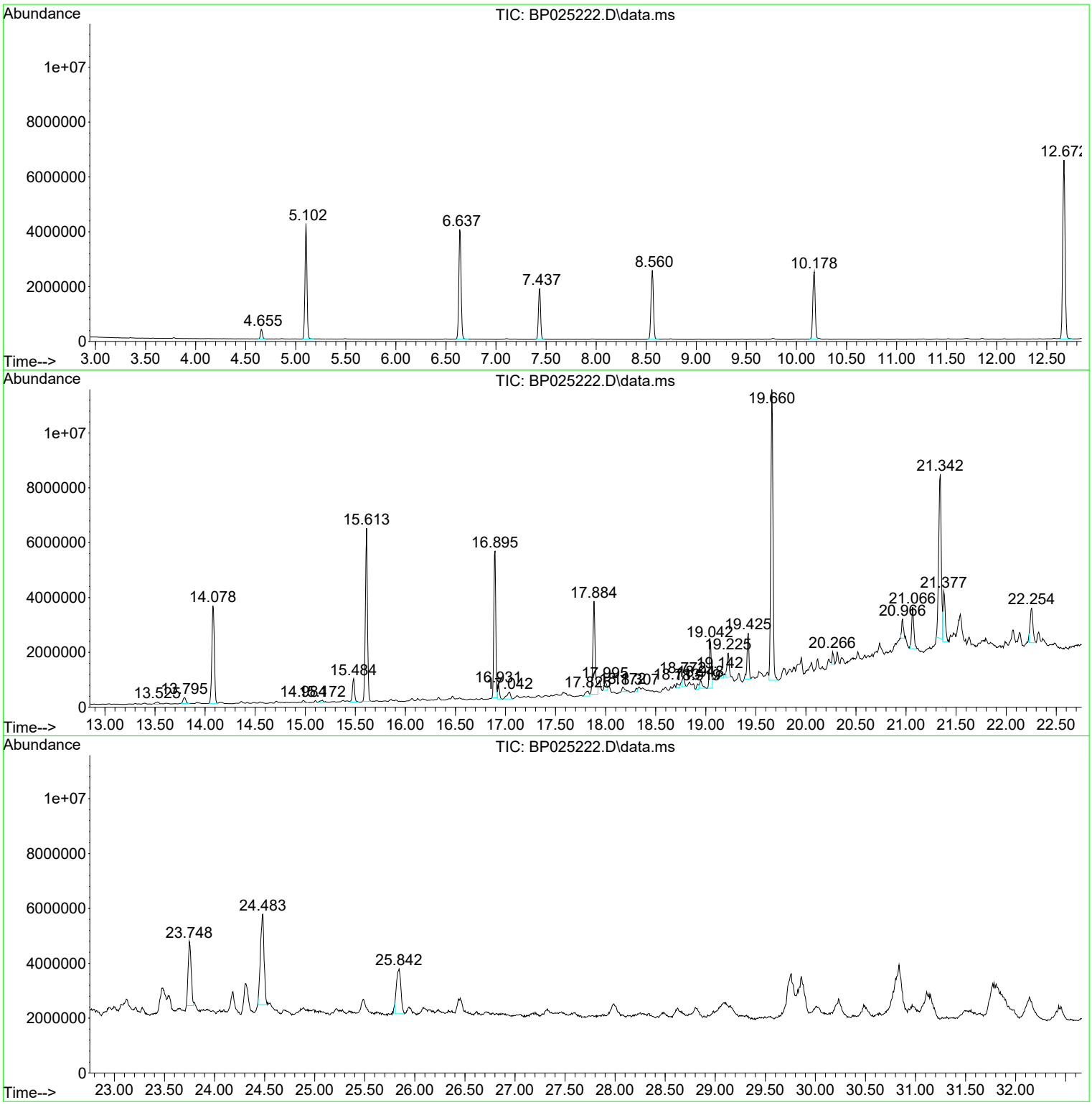
Sum of corrected areas: 128215350

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-38-071725RE | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-01RE | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.6 |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025231.D | 1 | 07/21/25 09:30 | 07/23/25 20:20 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.16 | U | 0.032 | 0.16 | 0.21 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.083 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 86-73-7 | Fluorene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 120-12-7 | Anthracene | 0.16 | U | 0.041 | 0.16 | 0.21 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.21 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 129-00-0 | Pyrene | 0.25 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.17 | J | 0.029 | 0.16 | 0.21 | mg/Kg |
| 218-01-9 | Chrysene | 0.22 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.23 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.089 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.21 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.12 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.16 | U | 0.034 | 0.16 | 0.21 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.15 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 38.2 | | 37 - 122 | | 38% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 37.2 | * | 44 - 115 | | 37% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 37.4 | * | 54 - 127 | | 37% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 494000 | 7.431 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1940000 | 10.172 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 1260000 | 14.084 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 2580000 | 16.889 | | | | |
| 1719-03-5 | Chrysene-d12 | 2790000 | 21.33 | | | | |
| 1520-96-3 | Perylene-d12 | 3380000 | 24.471 | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-38-071725RE | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-01RE | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.6 |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025231.D | 1 | 07/21/25 09:30 | 07/23/25 20:20 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 494228 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 1941060 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1257966 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 2582912 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 2791397 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.471 | 264 | 3376004 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1764143 | 60.312 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2224520 | 61.403 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 1335924 | 38.248 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1165401 | 62.841 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 3319422 | 37.201 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.672 | 244 | 5294842 | 37.444 | ng | | 0.01 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.795 | 152 | 230422 | 2.001 | ng | | 98 |
| 75) Fluoranthene | 19.042 | 202 | 836009 | 5.099 | ng | | 99 |
| 78) Pyrene | 19.419 | 202 | 1046767 | 6.082 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.319 | 228 | 737888m | 4.186 | ng | | |
| 83) Chrysene | 21.377 | 228 | 868024m | 5.275 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 28.012 | 276 | 694882 | 2.817 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 23.489 | 252 | 1063768 | 5.505 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 23.542 | 252 | 412122m | 2.160 | ng | | |
| 90) Benzo(a)pyrene | 24.324 | 252 | 938955 | 4.980 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.089 | 276 | 697220 | 3.525 | ng | | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**

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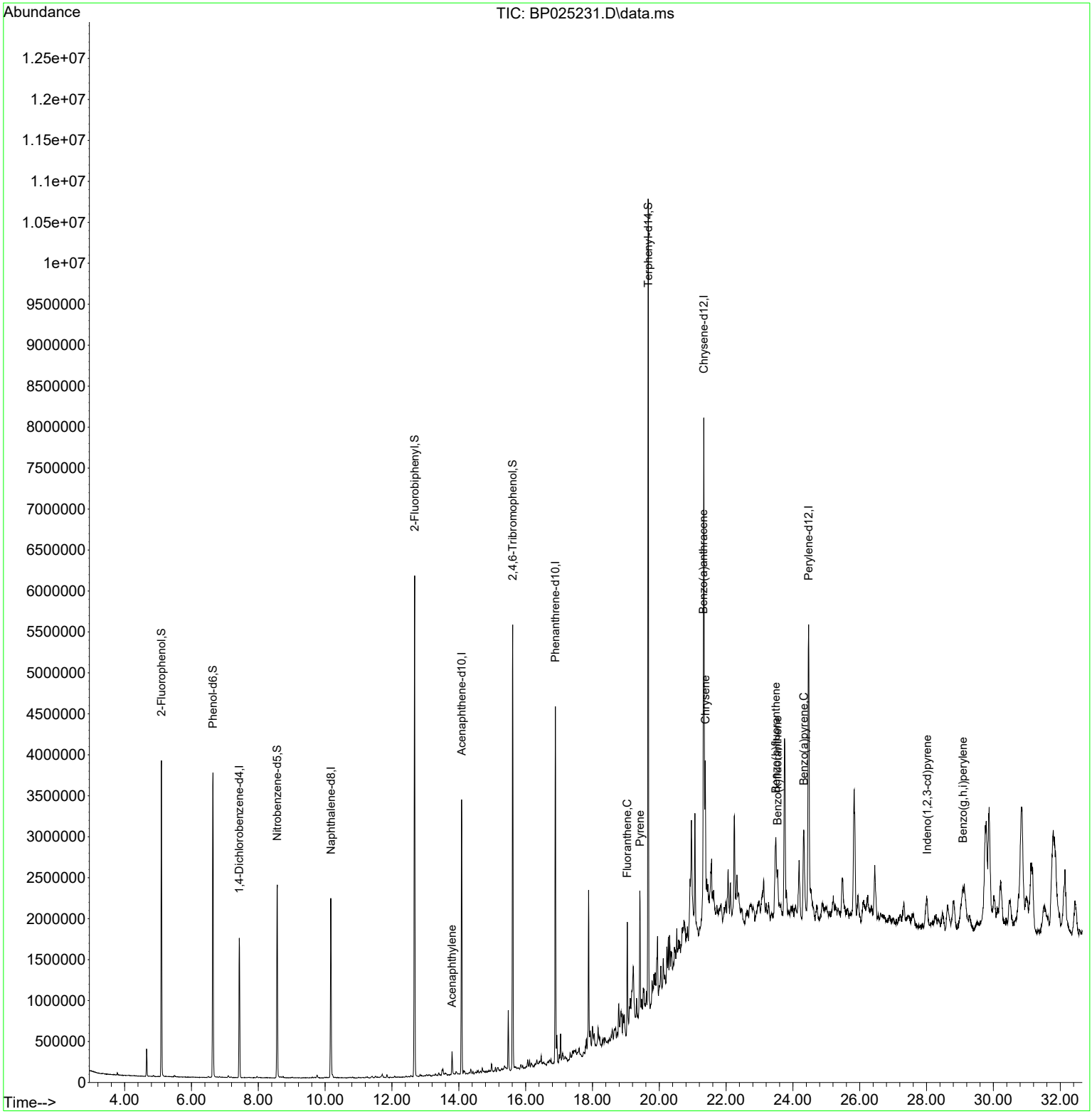
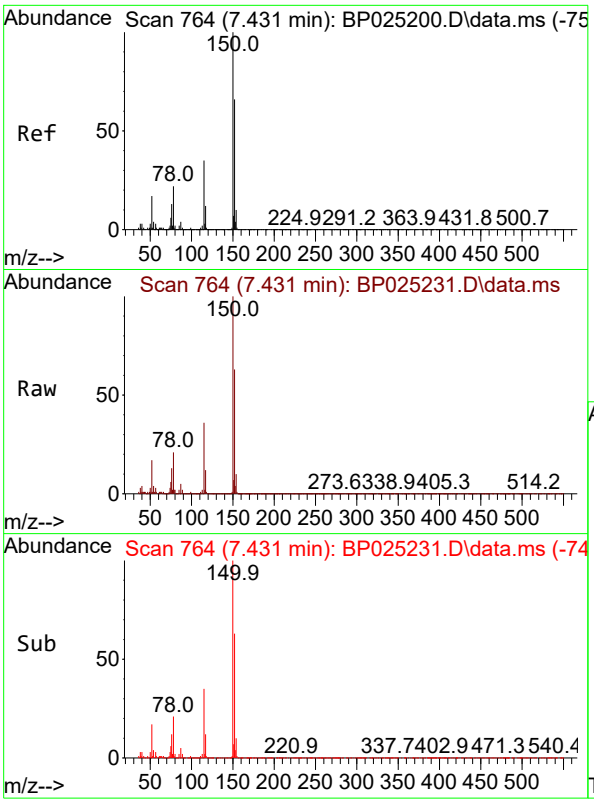
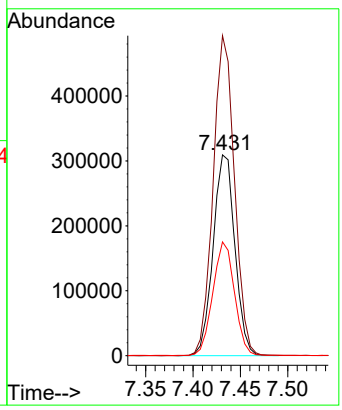





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:152 Resp: 49422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.4 | 121.9 | 182.9 |
| 115 | 56.7 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations**
**APPROVED**

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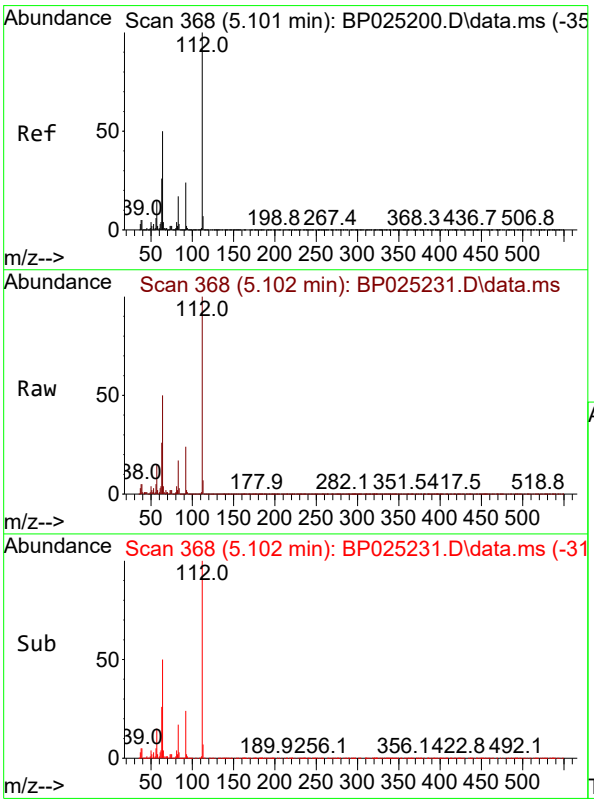
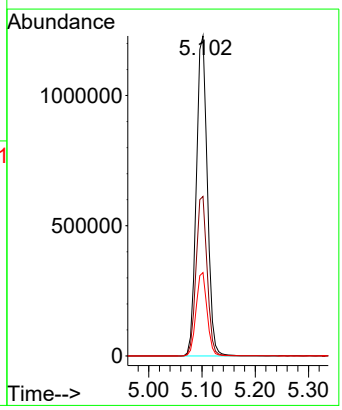
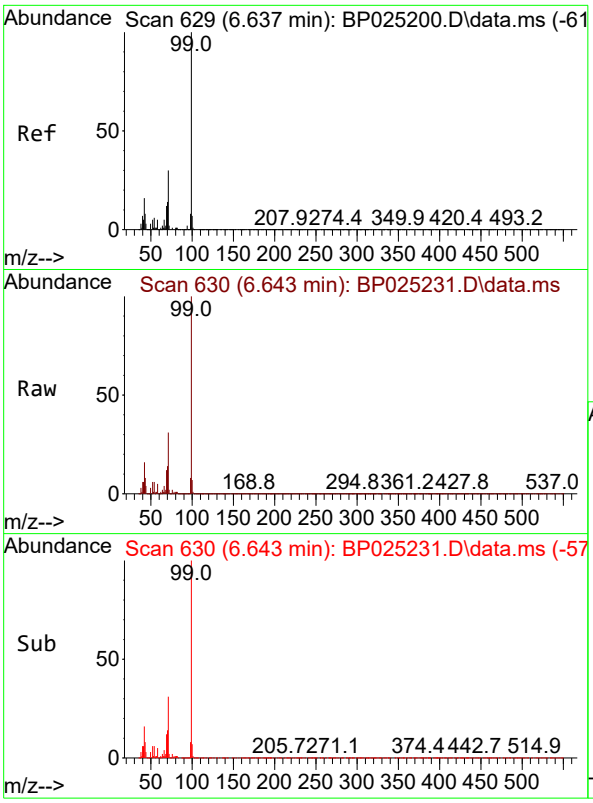



#5
2-Fluorophenol
Concen: 60.312 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:112 Resp: 1764143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.9 | 39.8 | 59.6 |
| 63 | 26.1 | 20.5 | 30.7 |

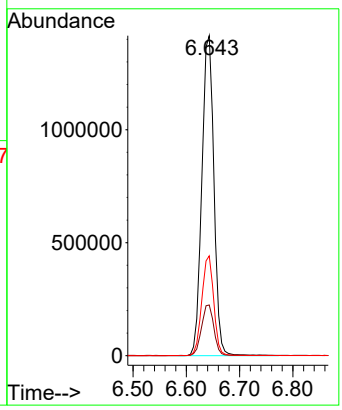





#7
Phenol-d6
Concen: 61.403 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 99 Resp: 222452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 12.5 | 18.7 |
| 71 | 31.2 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
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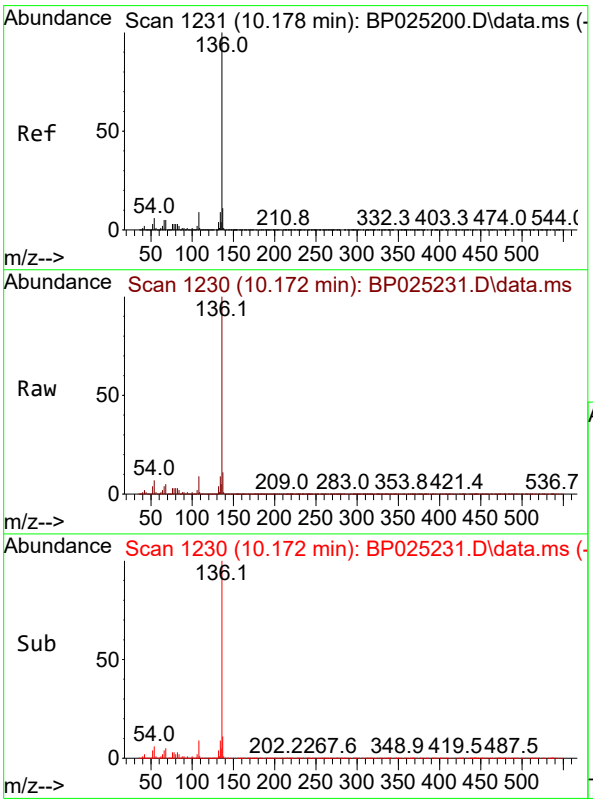
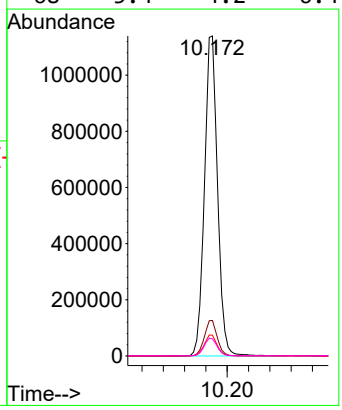
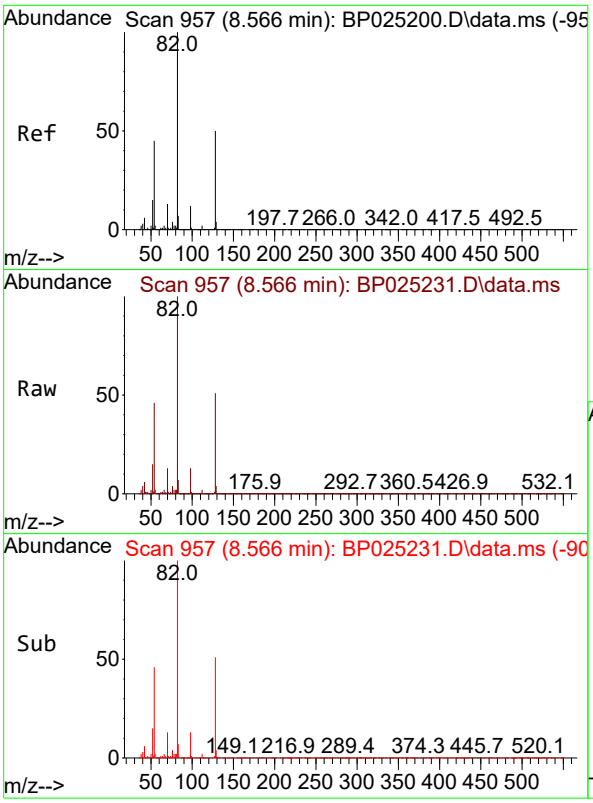



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:136 Resp: 1941060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |

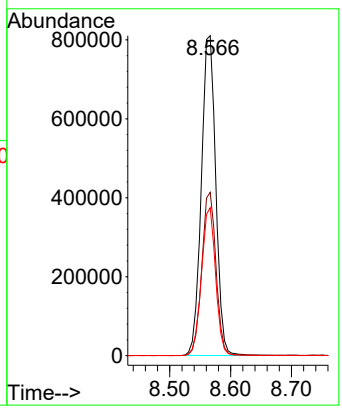





#23
Nitrobenzene-d5
Concen: 38.248 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 82 Resp: 133592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.1 | 40.2 | 60.4 |
| 54 | 46.3 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**

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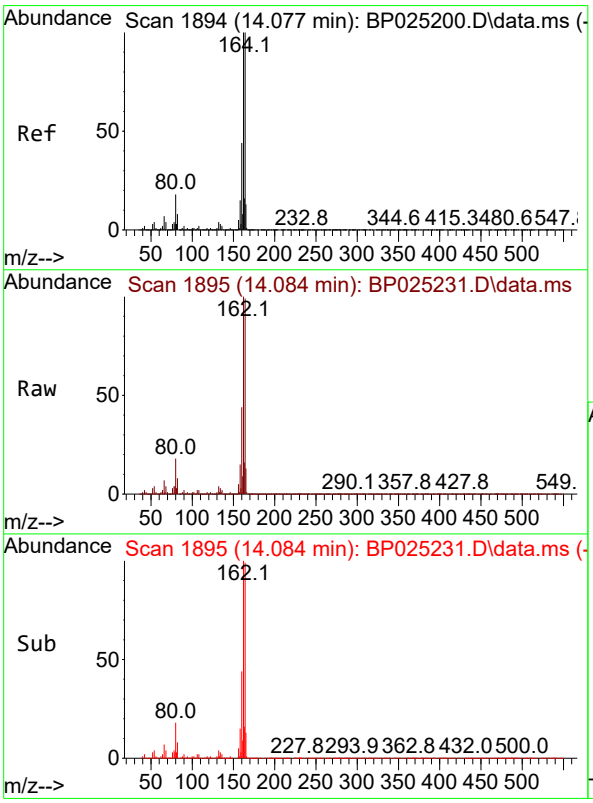
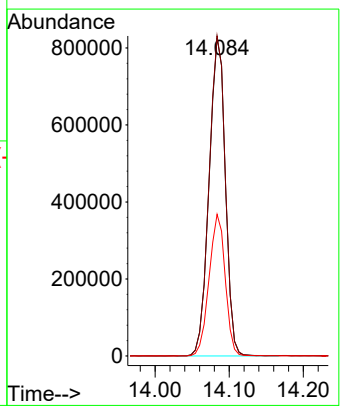
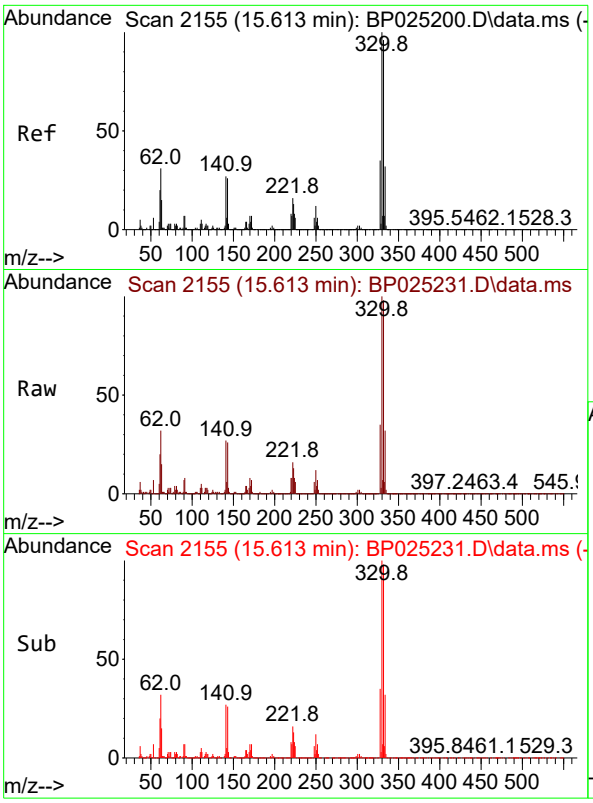



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:164 Resp: 1257966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.3 | 120.5 |
| 160 | 44.5 | 35.7 | 53.5 |






#42
2,4,6-Tribromophenol
Concen: 62.841 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:330 Resp: 116540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.1 | 115.7 |
| 141 | 27.9 | 22.4 | 33.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**

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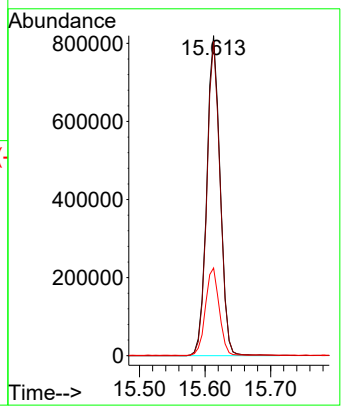
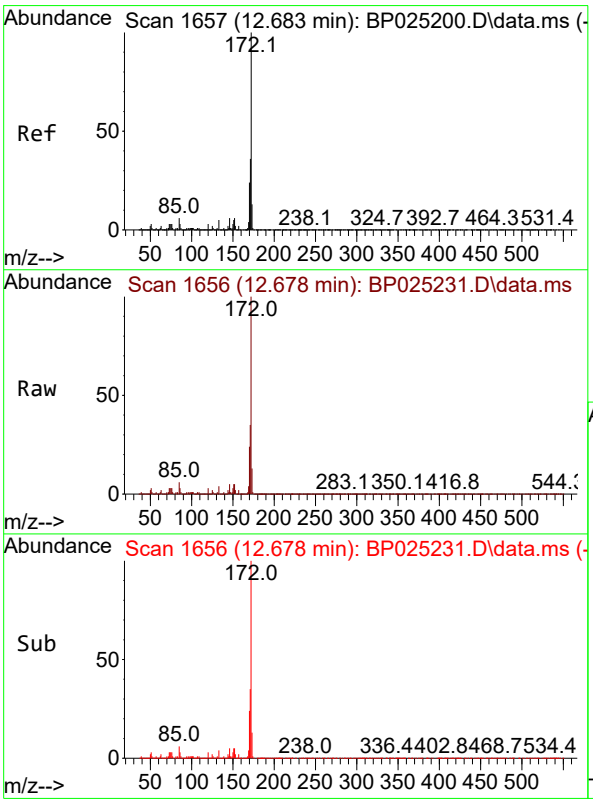
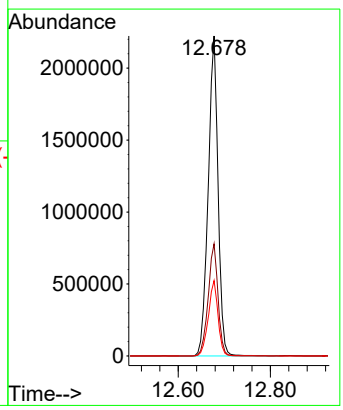


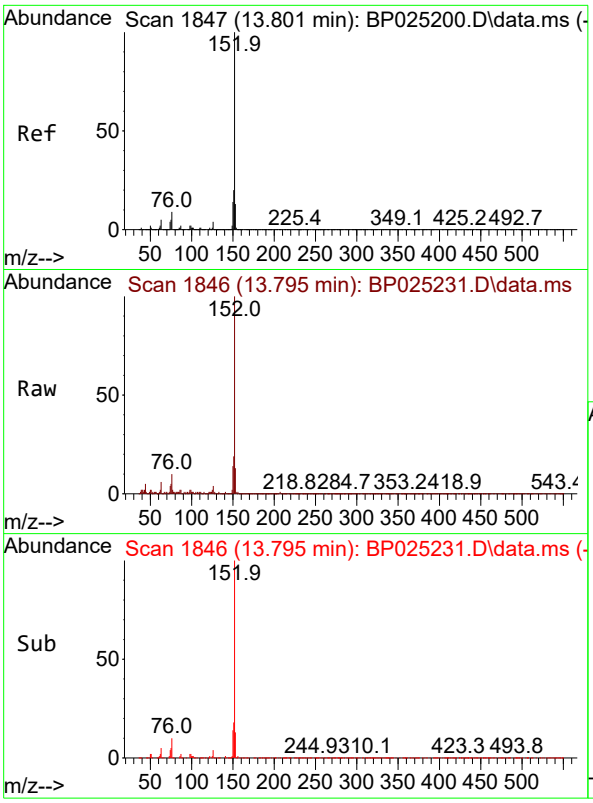




#45
2-Fluorobiphenyl
Concen: 37.201 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:172 Resp: 3319422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.8 | 43.2 |
| 170 | 23.5 | 19.2 | 28.8 |

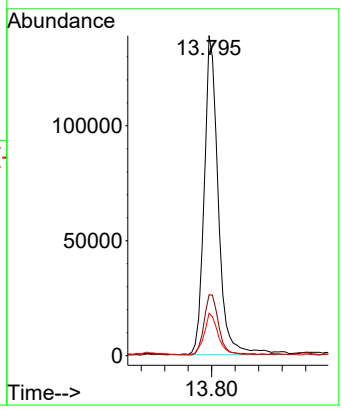





#49
Acenaphthylene
Concen: 2.001 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:152 Resp: 23042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations**
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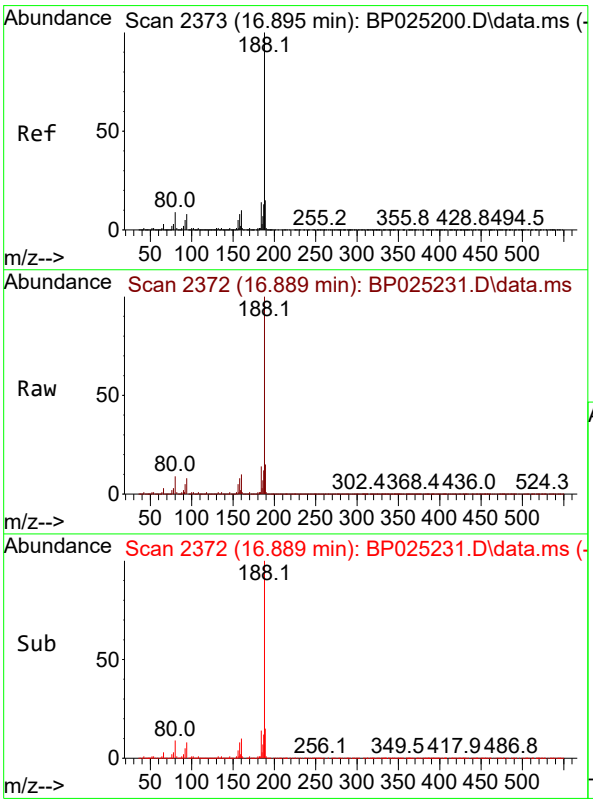
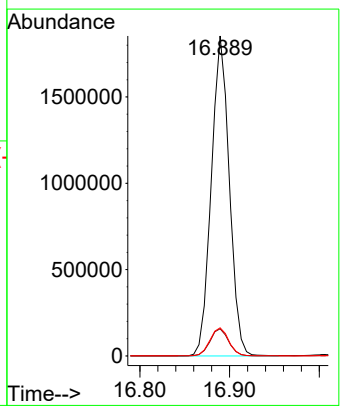
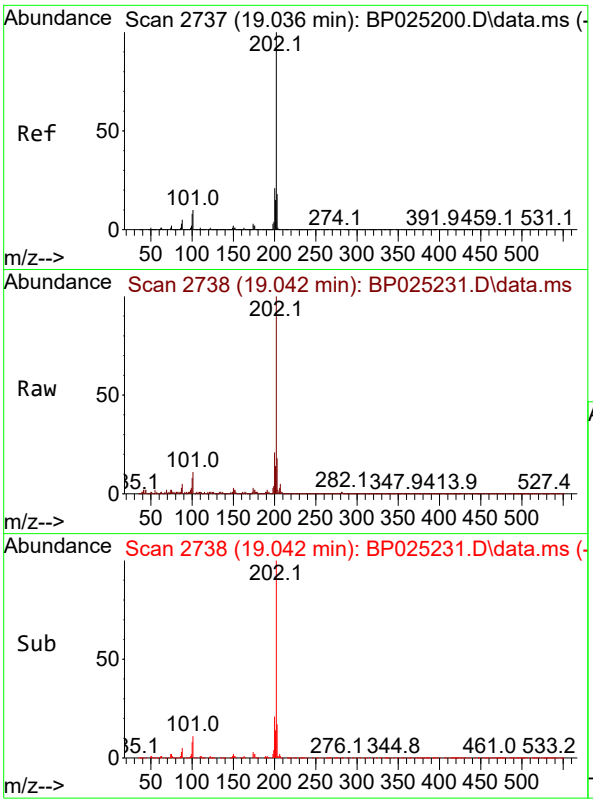



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:188 Resp: 2582912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |

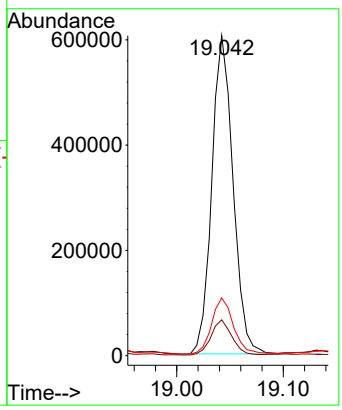





#75
Fluoranthene
Concen: 5.099 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 836009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.0 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations**
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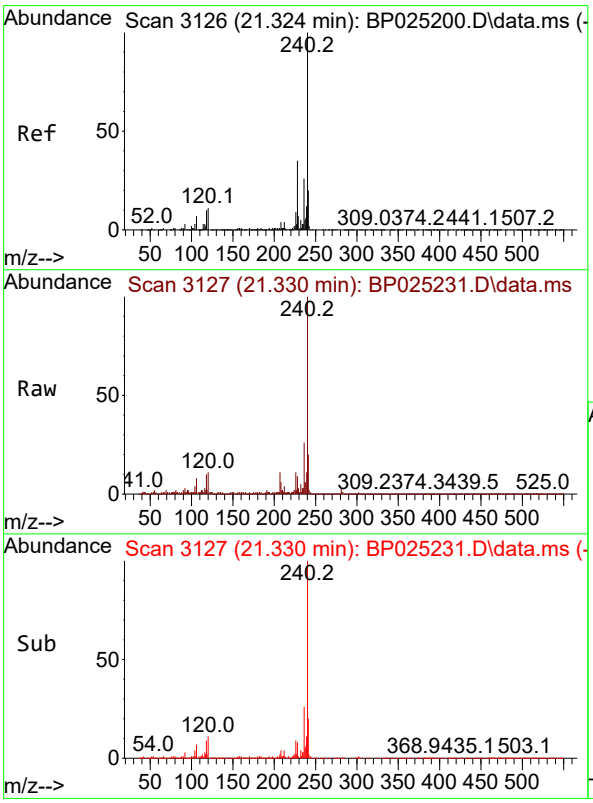
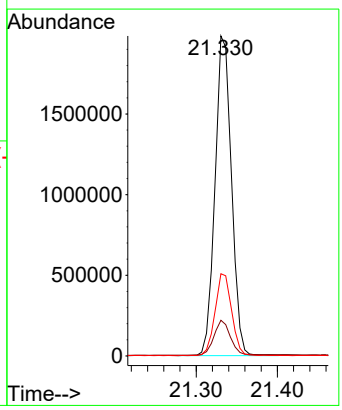
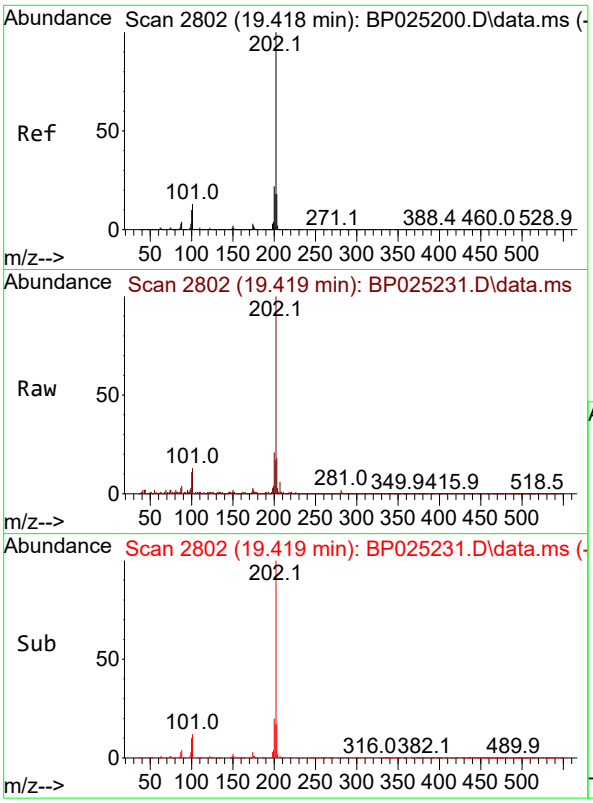



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:240 Resp: 2791397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.8 | 13.2 |
| 236 | 25.7 | 20.9 | 31.3 |

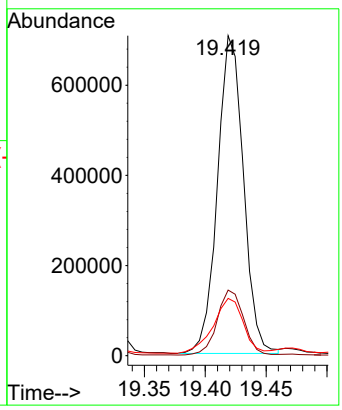





#78
Pyrene
Concen: 6.082 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 104676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

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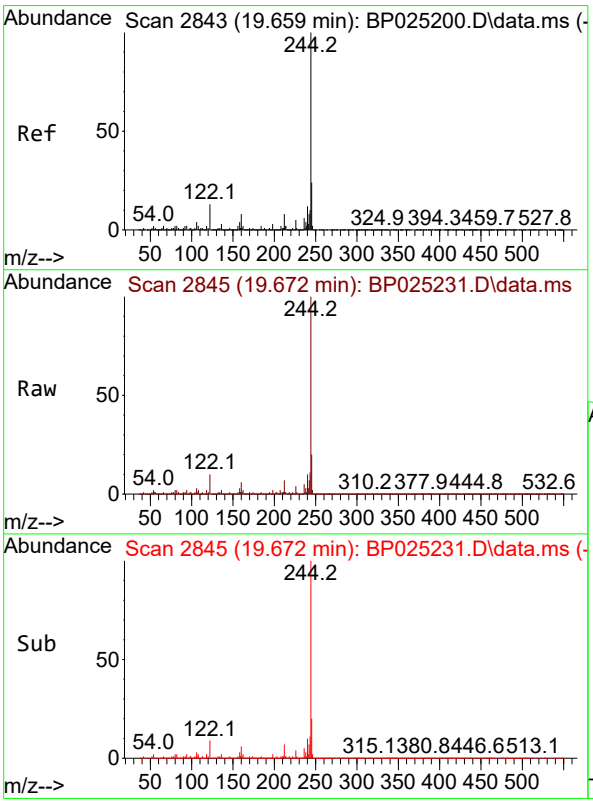
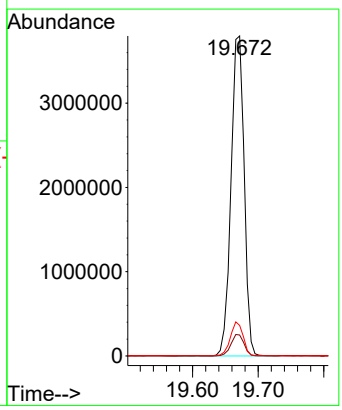
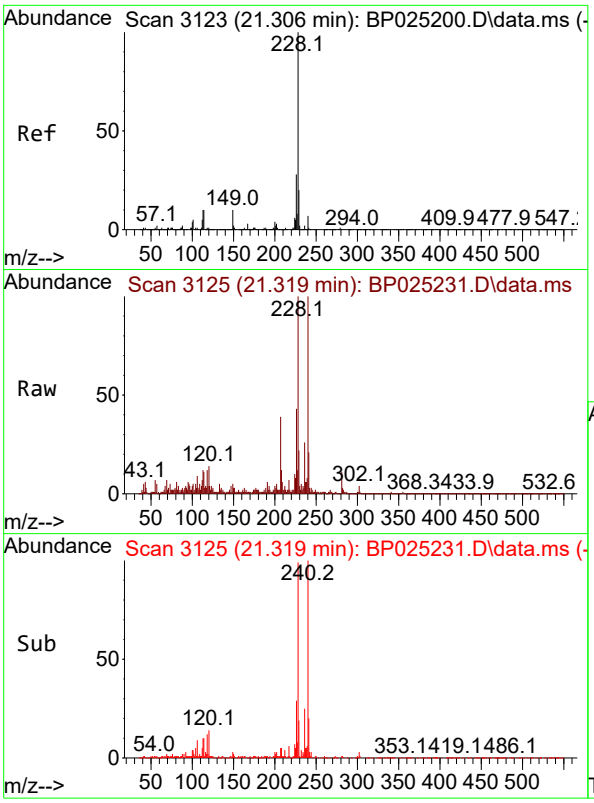



#79
Terphenyl-d14
Concen: 37.444 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.013 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:244 Resp: 5294842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 6.6 | 9.8 |
| 122 | 9.5 | 10.3 | 15.5# |

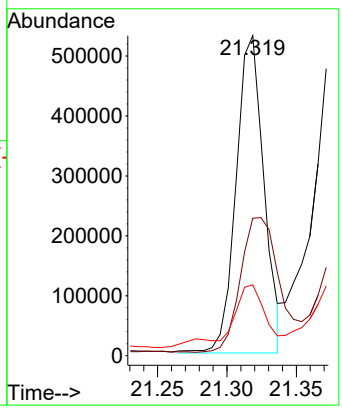





#81
Benzo(a)anthracene
Concen: 4.186 ng m
RT: 21.319 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 73788

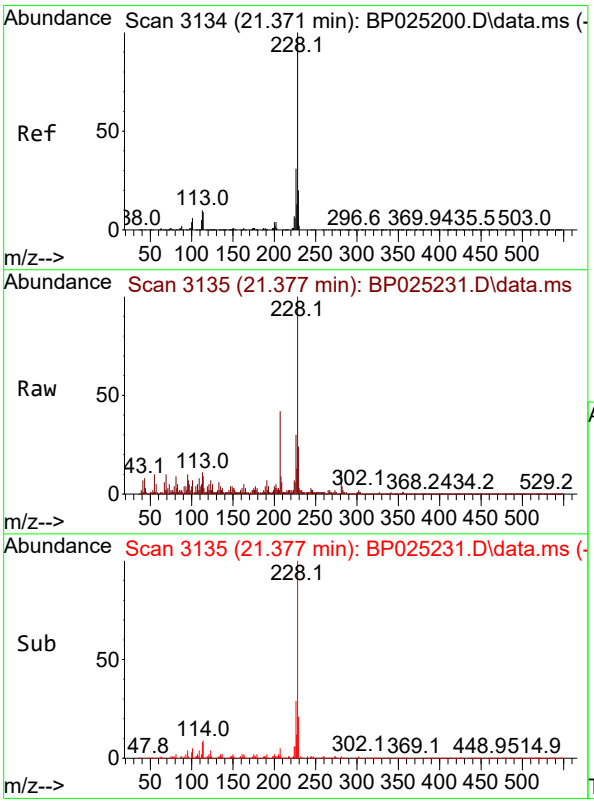
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 42.9 | 22.3 | 33.5 |
| 229 | 22.2 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations APPROVED**

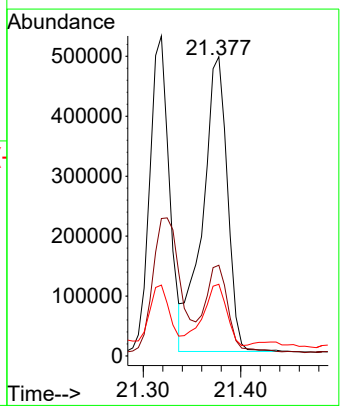
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

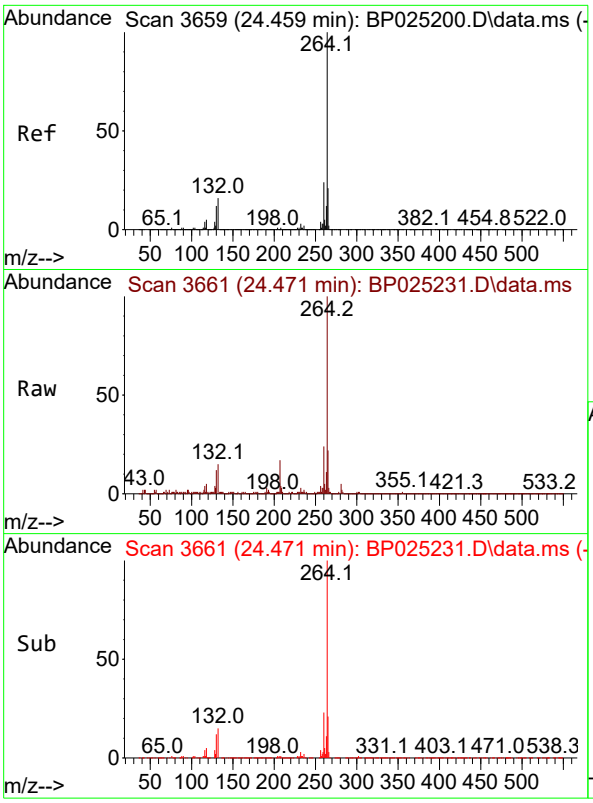



#83
Chrysene
Concen: 5.275 ng m
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 868024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.6 | 37.0 |
| 229 | 23.9 | 16.0 | 24.0 |

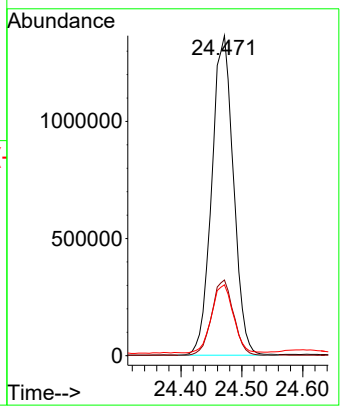





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:264 Resp: 337600

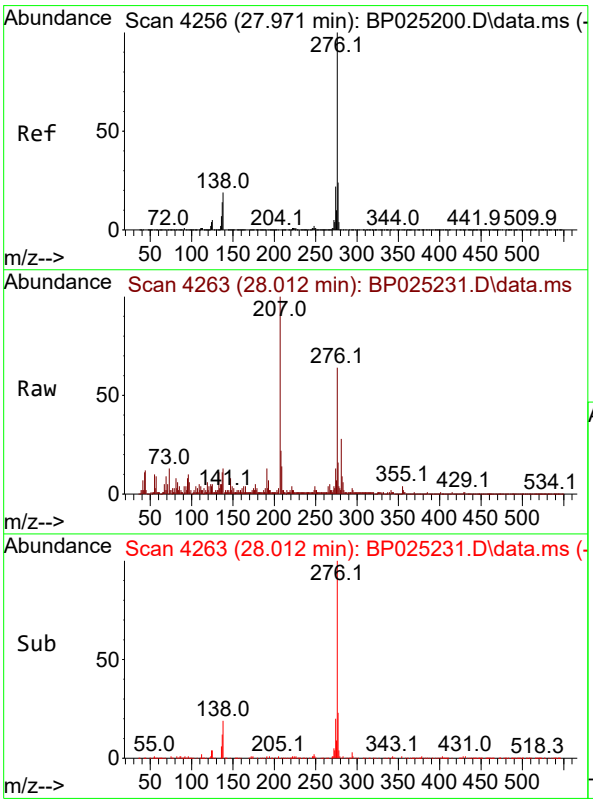
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.0 | 28.6 |
| 265 | 22.2 | 17.5 | 26.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

**Manual Integrations**
**APPROVED**

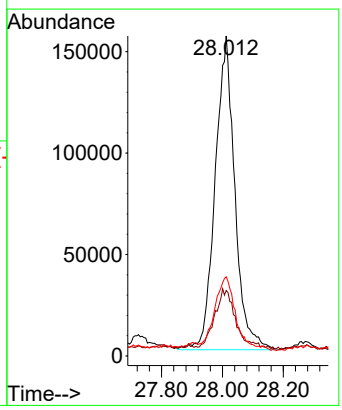
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

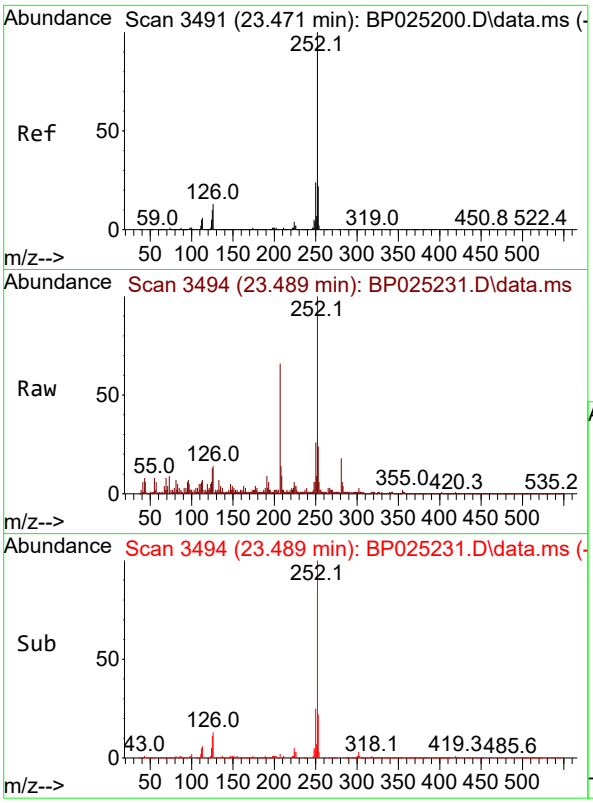



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 28.012 min Scan# 4263
Delta R.T. 0.042 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 694882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 12.8 | 19.2# |
| 277 | 25.3 | 20.3 | 30.5 |

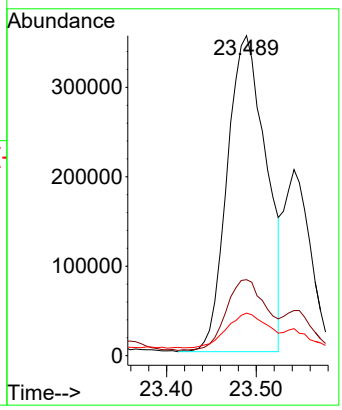





#88
Benzo(b)fluoranthene
Concen: 5.505 ng
RT: 23.489 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

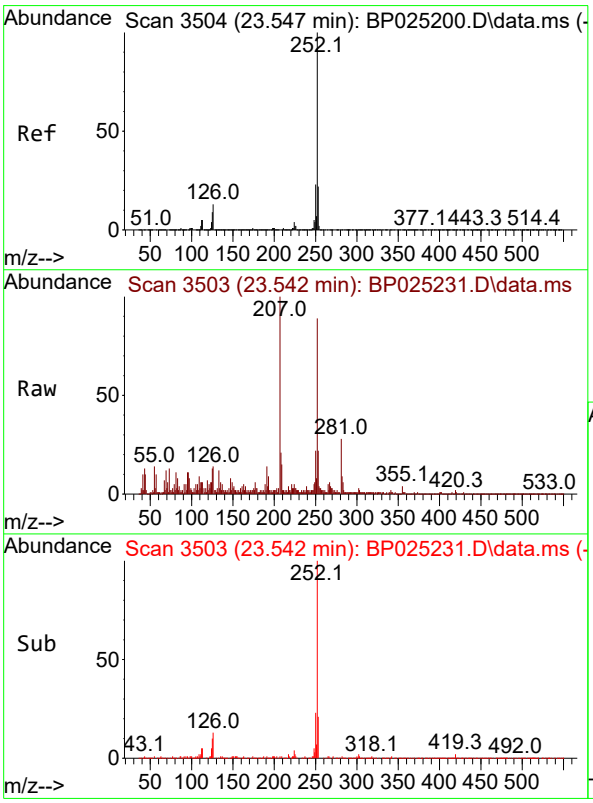
Tgt Ion:252 Resp: 106376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 13.3 | 7.8 | 11.8# |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

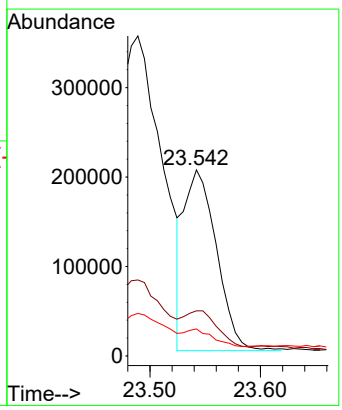
**Manual Integrations**
**APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

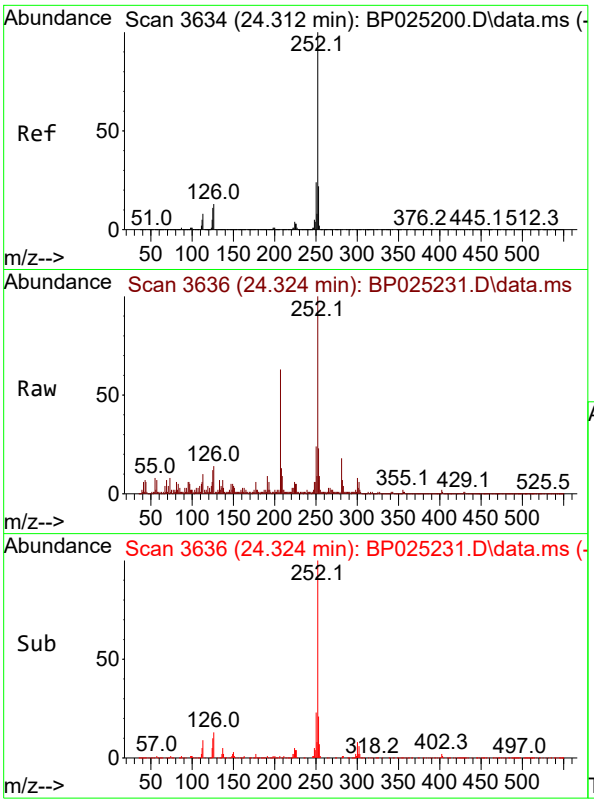



#89
Benzo(k)fluoranthene
Concen: 2.160 ng m
RT: 23.542 min Scan# 3503
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 412122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 17.8 | 26.6 |
| 125 | 14.5 | 7.5 | 11.3# |

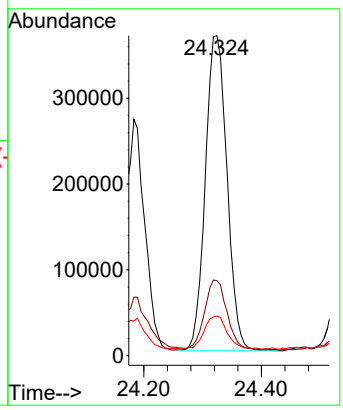





#90
Benzo(a)pyrene
Concen: 4.980 ng
RT: 24.324 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

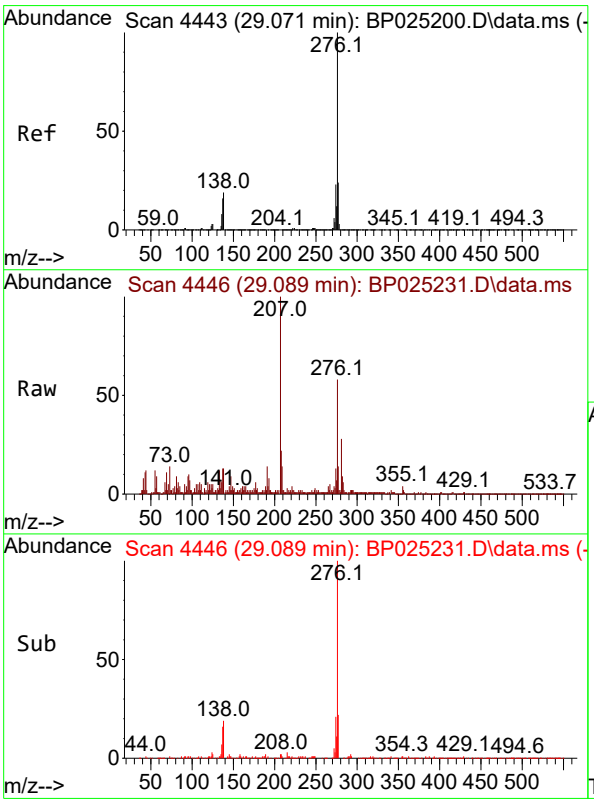
Tgt Ion:252 Resp: 93895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.8 | 26.6 |
| 125 | 12.4 | 8.6 | 12.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

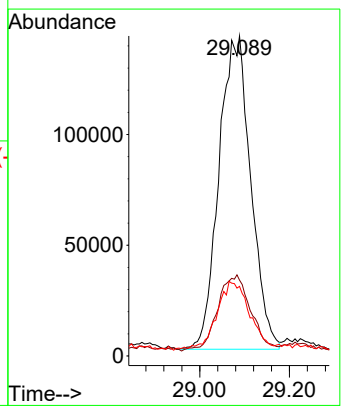
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025




#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 697220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.2 | 28.8 |
| 138 | 21.8 | 15.4 | 23.2 |



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-39-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-03 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 81 |
| Sample Wt/Vol: | 30.05 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025209.D | 1 | 07/21/25 09:30 | 07/22/25 11:10 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.16 | U | 0.032 | 0.16 | 0.21 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.097 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 86-73-7 | Fluorene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 120-12-7 | Anthracene | 0.16 | U | 0.041 | 0.16 | 0.21 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.23 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 129-00-0 | Pyrene | 0.30 | | 0.044 | 0.16 | 0.21 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.21 | | 0.028 | 0.16 | 0.21 | mg/Kg |
| 218-01-9 | Chrysene | 0.25 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.28 | | 0.023 | 0.16 | 0.21 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.088 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.25 | | 0.036 | 0.16 | 0.21 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.14 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.16 | U | 0.034 | 0.16 | 0.21 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.17 | J | 0.032 | 0.16 | 0.21 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 43.5 | | 37 - 122 | | 43% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 44.9 | | 44 - 115 | | 45% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 44.2 | * | 54 - 127 | | 44% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 920000 | 7.431 | | | | |
| 1146-65-2 | Naphthalene-d8 | 3530000 | 10.172 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 2110000 | 14.066 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3960000 | 16.889 | | | | |
| 1719-03-5 | Chrysene-d12 | 3830000 | 21.318 | | | | |
| 1520-96-3 | Perylene-d12 | 4470000 | 24.442 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-39-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-03 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 81 |
| Sample Wt/Vol: | 30.05 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025209.D | 1 | 07/21/25 09:30 | 07/22/25 11:10 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 920177 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 3525504 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.066 | 164 | 2109533 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3961378 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.318 | 240 | 3833110 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.442 | 264 | 4465382 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 3598852 | 66.083 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4452832 | 66.016 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 2759468 | 43.498 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2035909 | 65.465 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.666 | 172 | 6720014 | 44.910 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.654 | 244 | 8591140 | 44.244 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.784 | 152 | 454992 | 2.356 | ng | | 99 |
| 75) Fluoranthene | 19.030 | 202 | 1399615 | 5.566 | ng | | 99 |
| 78) Pyrene | 19.413 | 202 | 1713944 | 7.252 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.301 | 228 | 1253857m | 5.180 | ng | | |
| 83) Chrysene | 21.360 | 228 | 1387605 | 6.141 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.948 | 276 | 1085417 | 3.326 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.471 | 252 | 1730476 | 6.770 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.530 | 252 | 542706 | 2.151 | ng | # | 95 |
| 90) Benzo(a)pyrene | 24.295 | 252 | 1497330 | 6.004 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 29.024 | 276 | 1094765 | 4.184 | ng | | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
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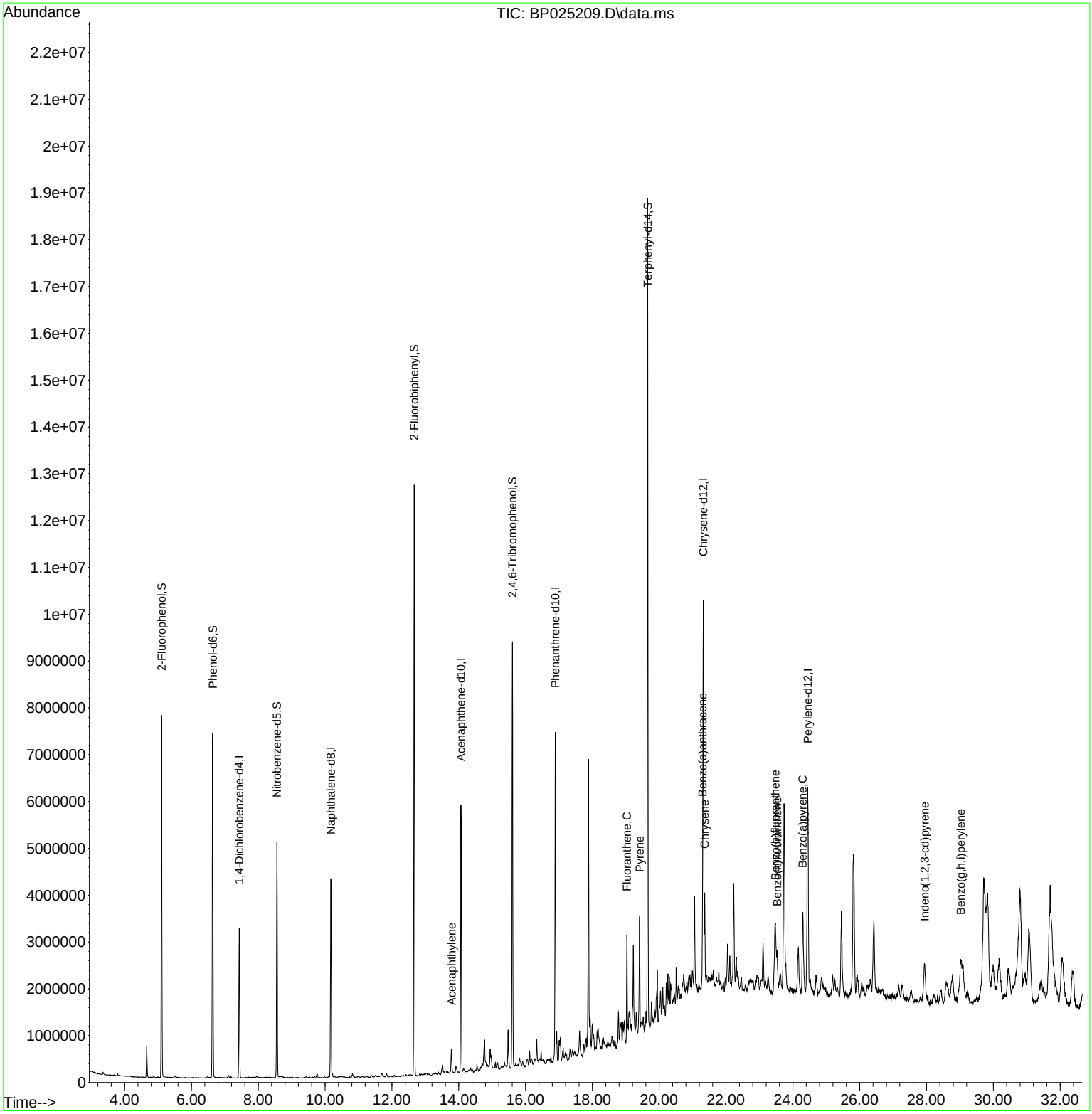
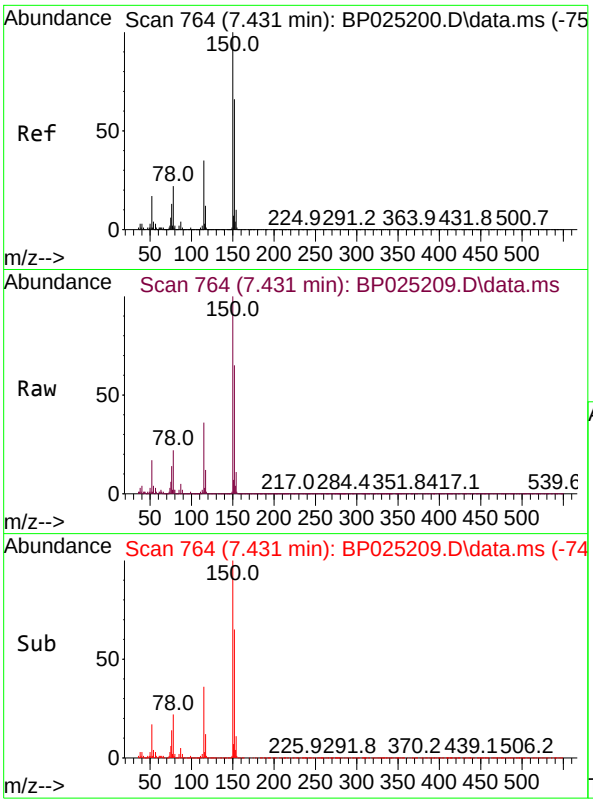
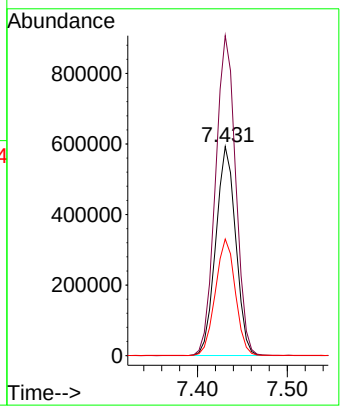





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:152 Resp: 92017

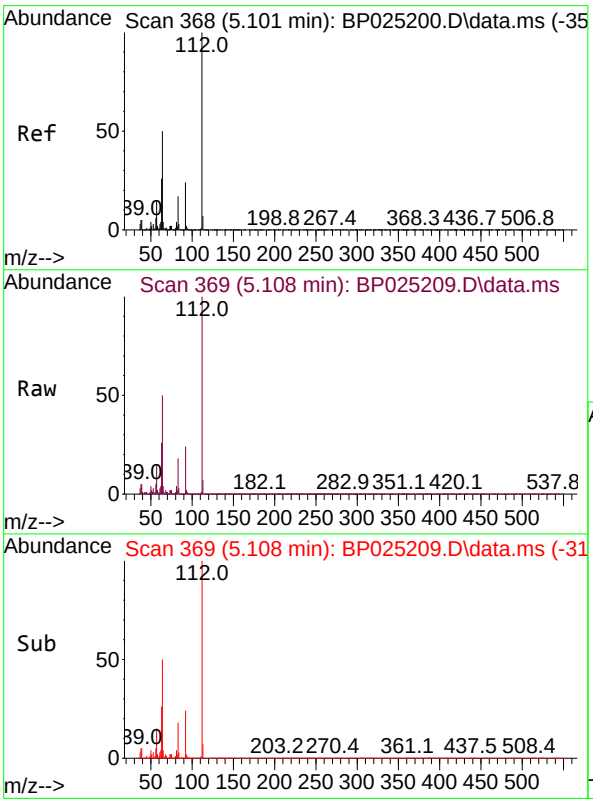
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.1 | 121.9 | 182.9 |
| 115 | 55.7 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations**
**APPROVED**

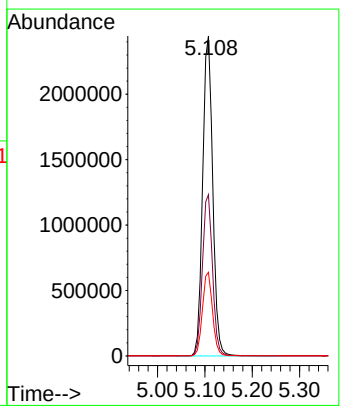
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

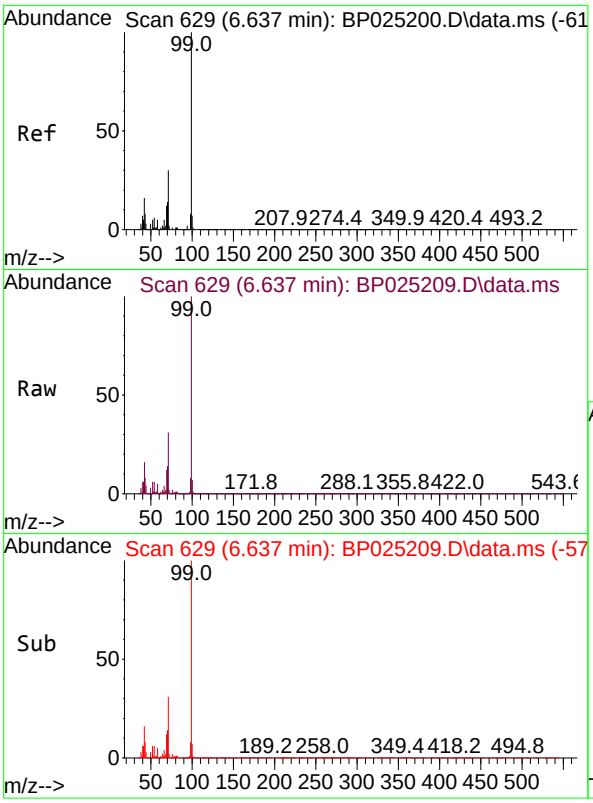



#5
2-Fluorophenol
Concen: 66.083 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:112 Resp: 3598852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.4 | 39.8 | 59.6 |
| 63 | 26.1 | 20.5 | 30.7 |

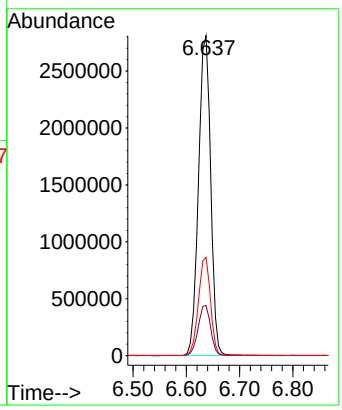





#7
Phenol-d6
Concen: 66.016 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion: 99 Resp: 445283

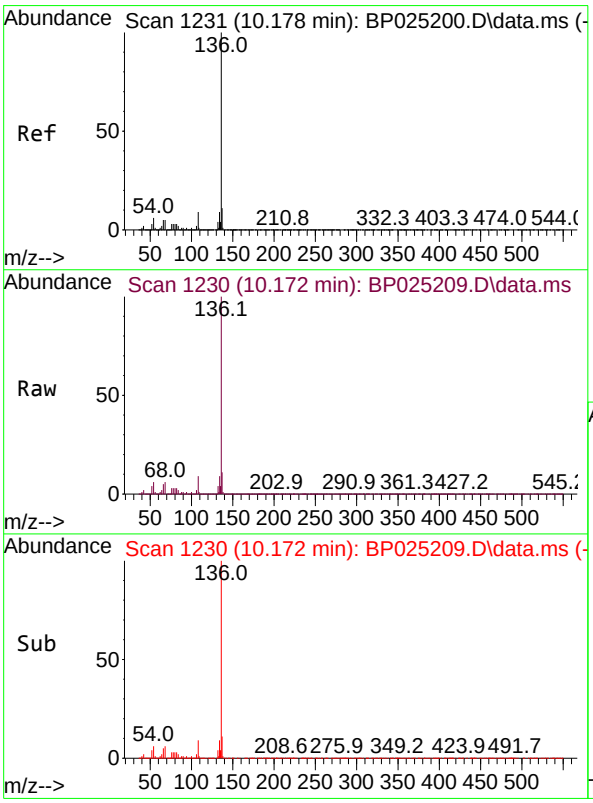
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 12.5 | 18.7 |
| 71 | 30.8 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations APPROVED**

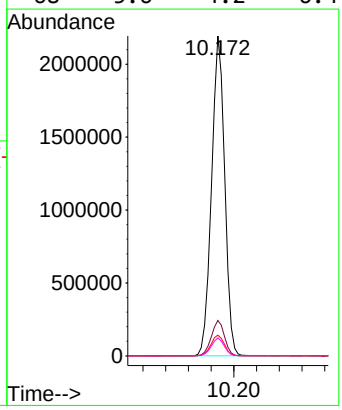
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

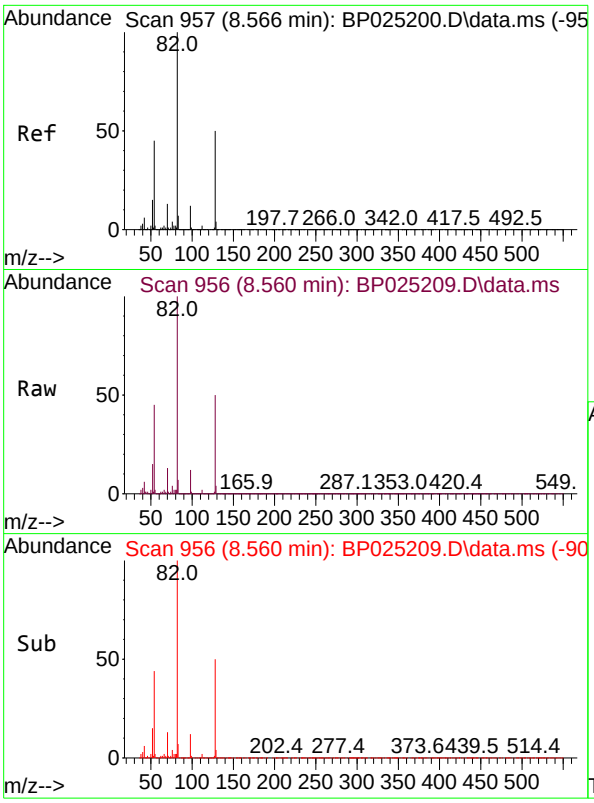



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:136 Resp: 3525504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

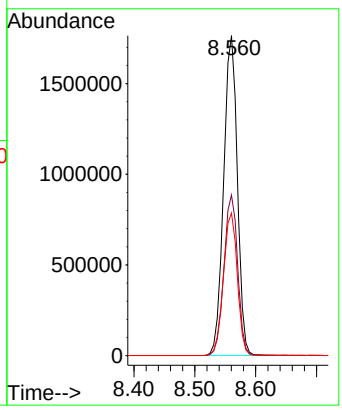





#23
Nitrobenzene-d5
Concen: 43.498 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion: 82 Resp: 275946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.2 | 40.2 | 60.4 |
| 54 | 44.5 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

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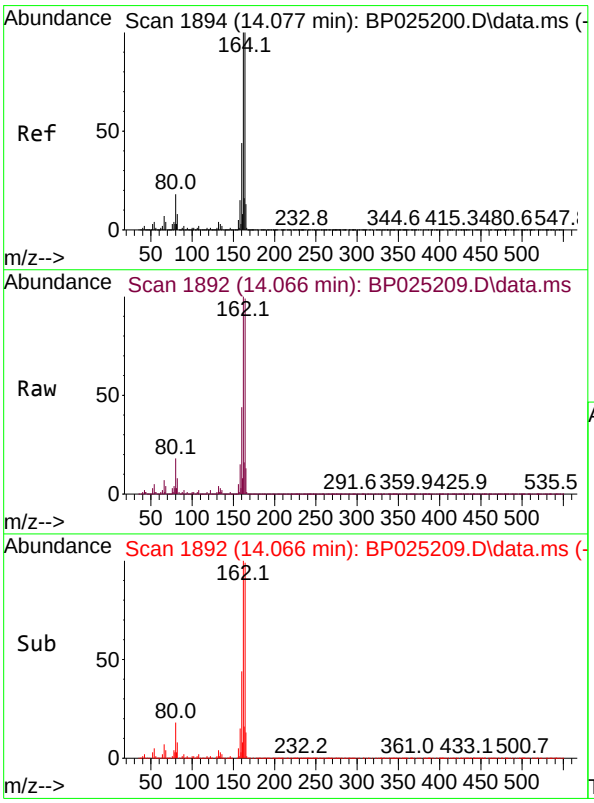
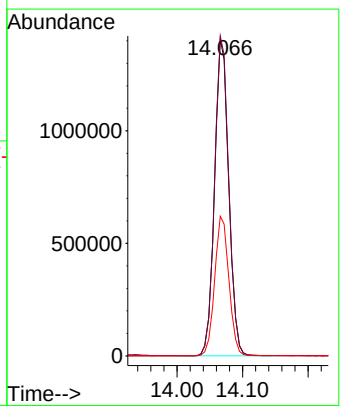
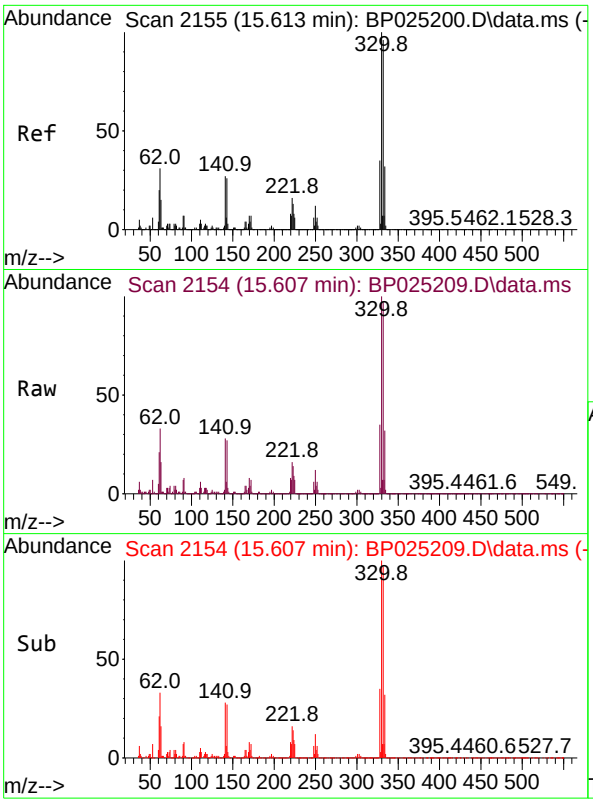



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:164 Resp: 2109533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 80.3 | 120.5 |
| 160 | 44.0 | 35.7 | 53.5 |






#42
2,4,6-Tribromophenol
Concen: 65.465 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:330 Resp: 203590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 77.1 | 115.7 |
| 141 | 28.2 | 22.4 | 33.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
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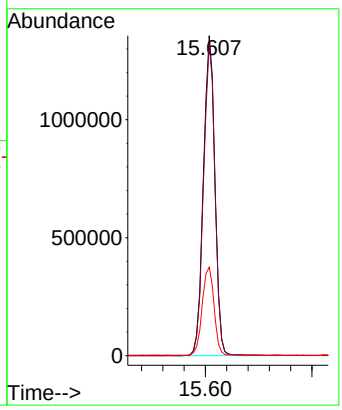
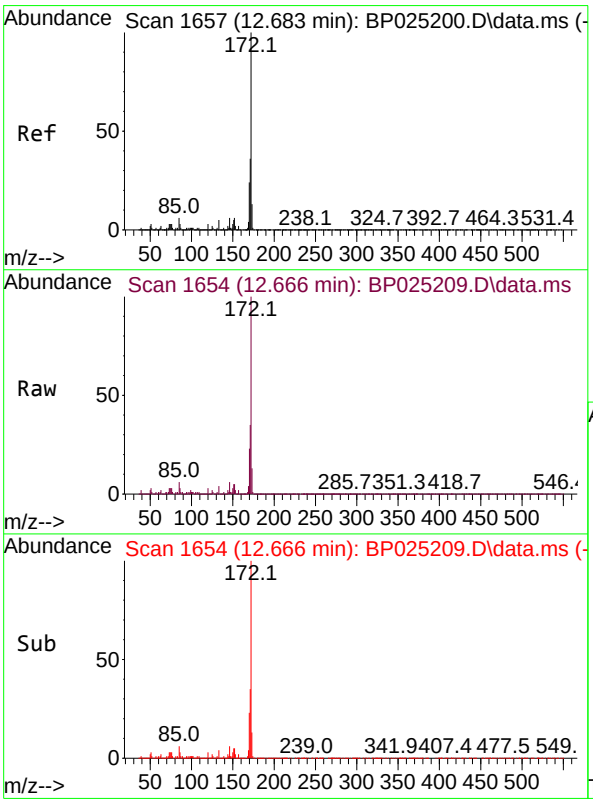
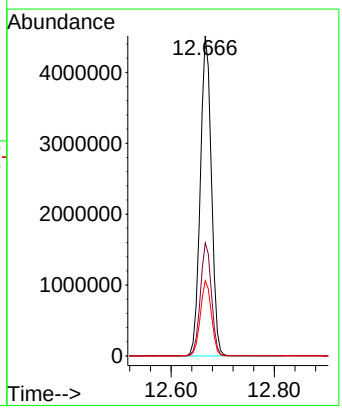


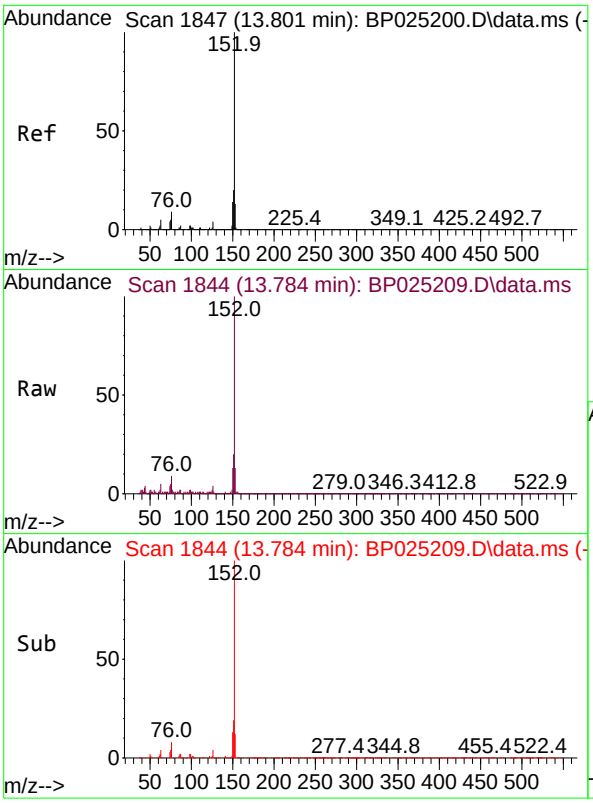




#45
2-Fluorobiphenyl
Concen: 44.910 ng
RT: 12.666 min Scan# 1654
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:172 Resp: 6720014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.8 | 43.2 |
| 170 | 23.5 | 19.2 | 28.8 |

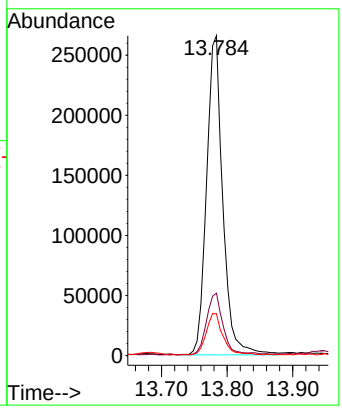





#49
Acenaphthylene
Concen: 2.356 ng
RT: 13.784 min Scan# 18
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:152 Resp: 454992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

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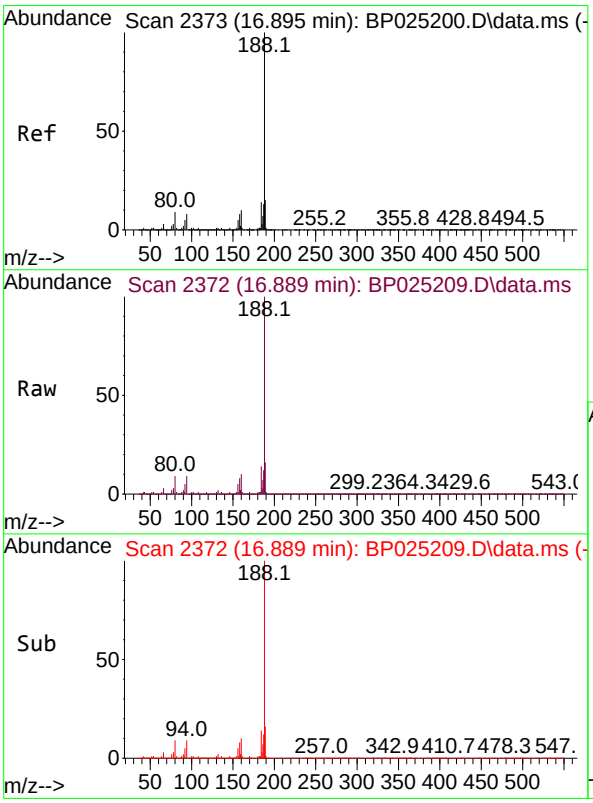
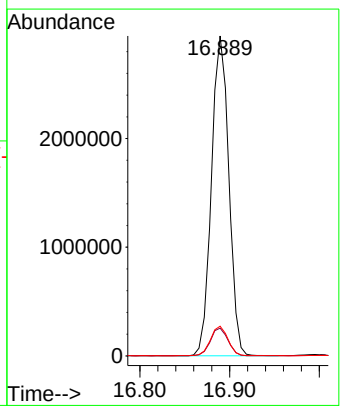
Supervised By :Jagrut Upadhyay 07/23/2025

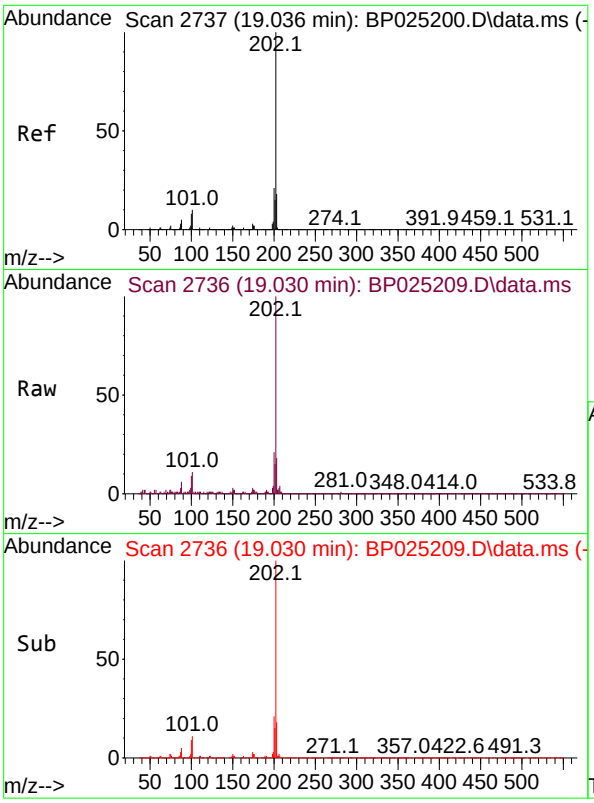



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:188 Resp: 3961378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |

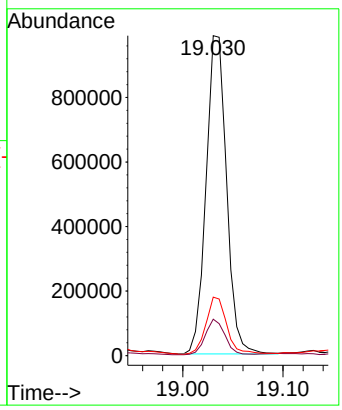





#75
Fluoranthene
Concen: 5.566 ng
RT: 19.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:202 Resp: 139961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 30.3 |
| 203 | 18.3 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations**
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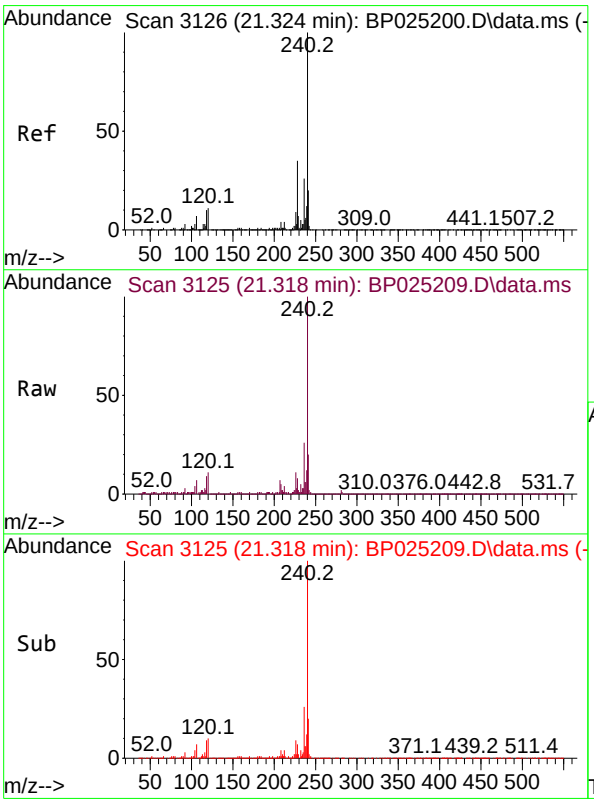
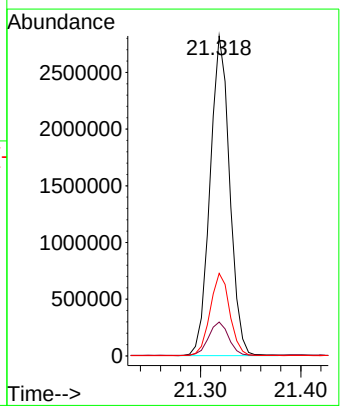
Supervised By :Jagrut Upadhyay 07/23/2025

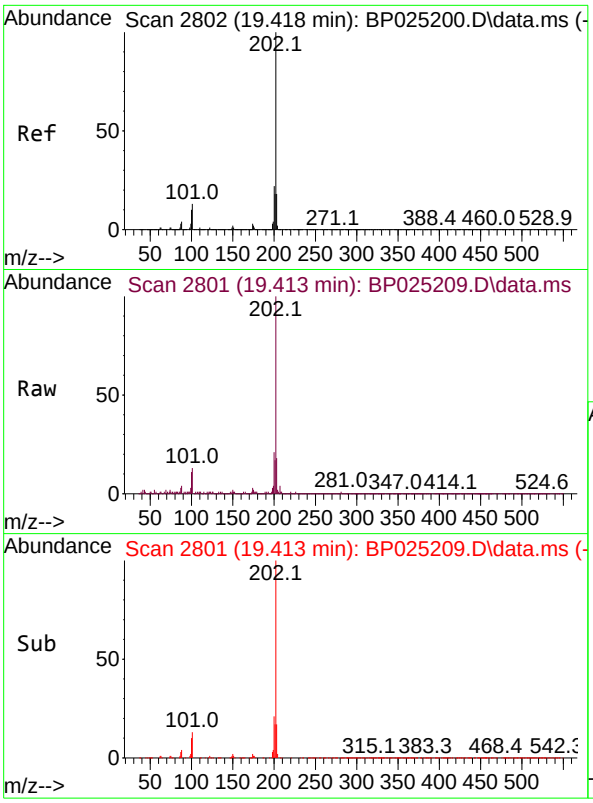



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:240 Resp: 3833110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |

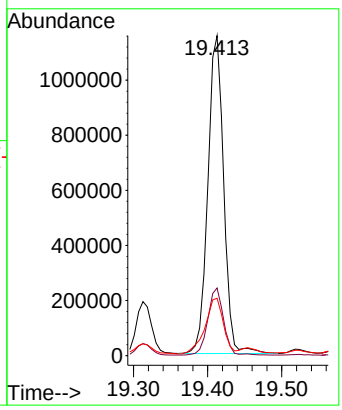





#78
Pyrene
Concen: 7.252 ng
RT: 19.413 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:202 Resp: 171394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations**
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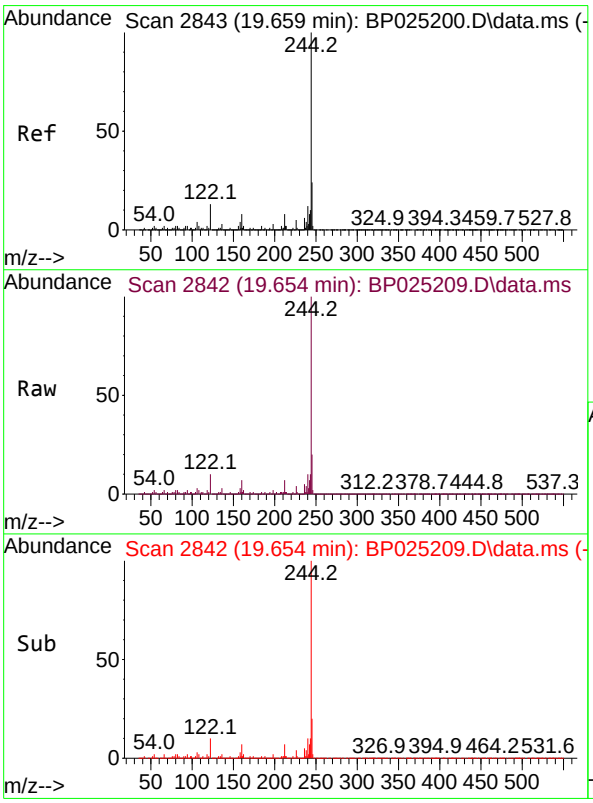
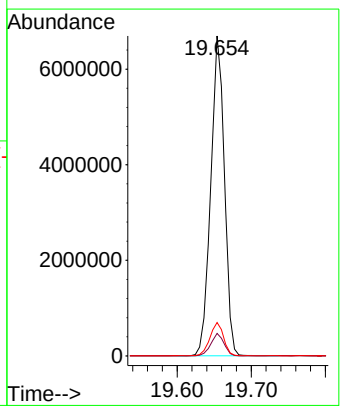
Supervised By :Jagrut Upadhyay 07/23/2025

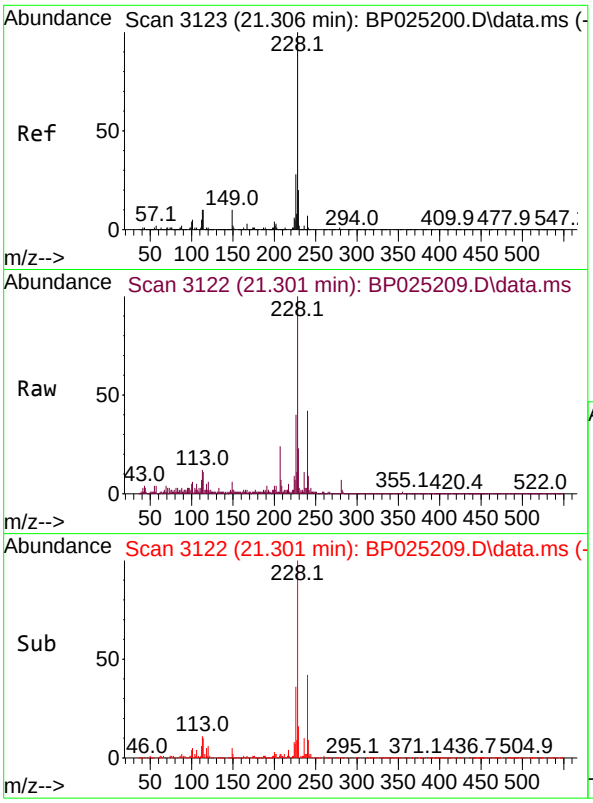



#79
Terphenyl-d14
Concen: 44.244 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:244 Resp: 8591140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.6 | 9.8 |
| 122 | 10.4 | 10.3 | 15.5 |

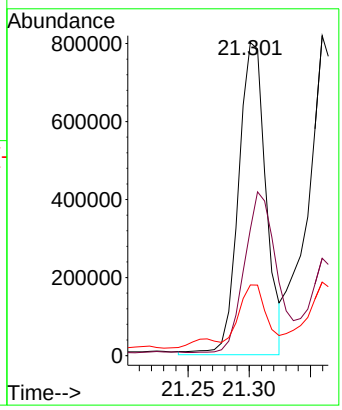





#81
Benzo(a)anthracene
Concen: 5.180 ng m
RT: 21.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 125385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 40.4 | 22.3 | 33.5# |
| 229 | 22.6 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations APPROVED**

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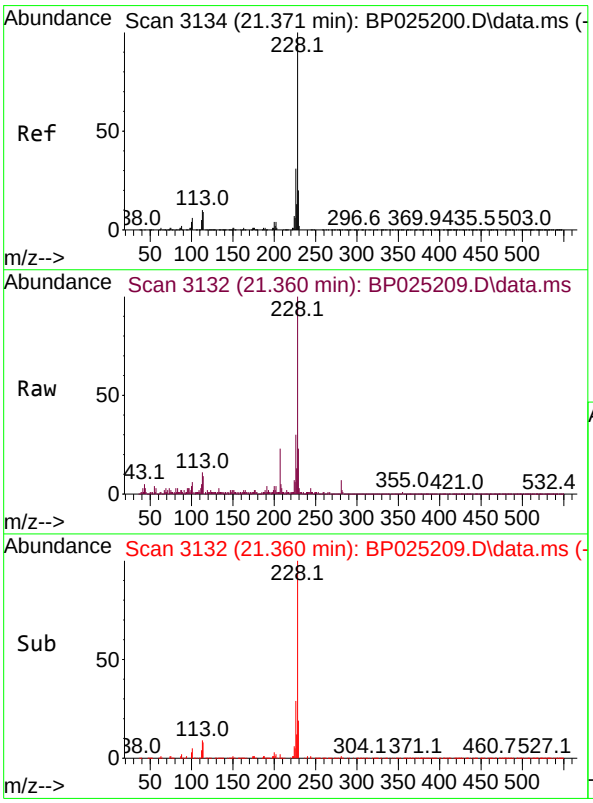
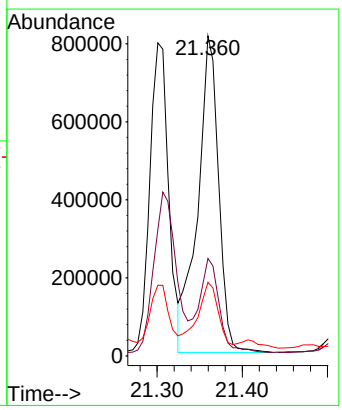
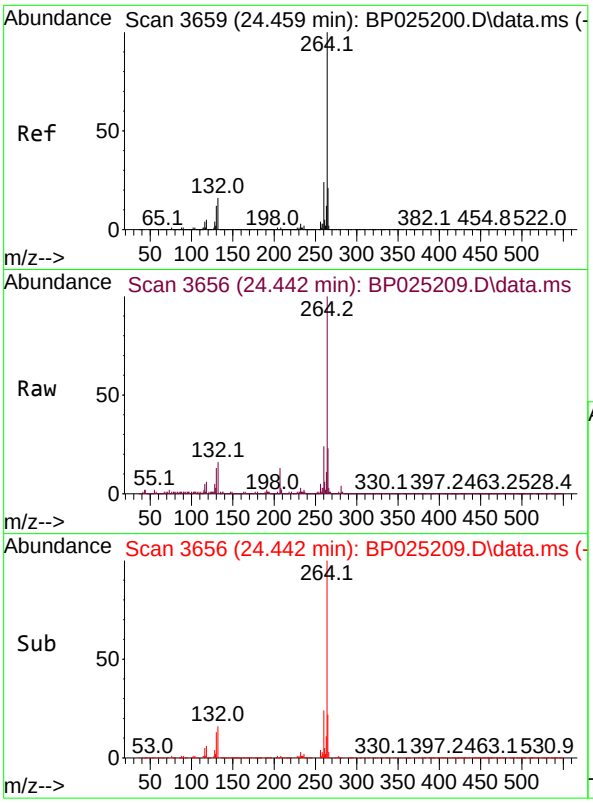



#83
Chrysene
Concen: 6.141 ng
RT: 21.360 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 1387605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.6 | 37.0 |
| 229 | 23.0 | 16.0 | 24.0 |

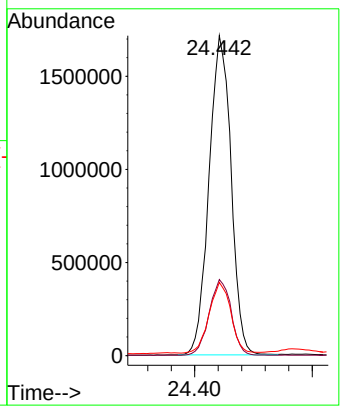





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:264 Resp: 446538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.6 |
| 265 | 22.9 | 17.5 | 26.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

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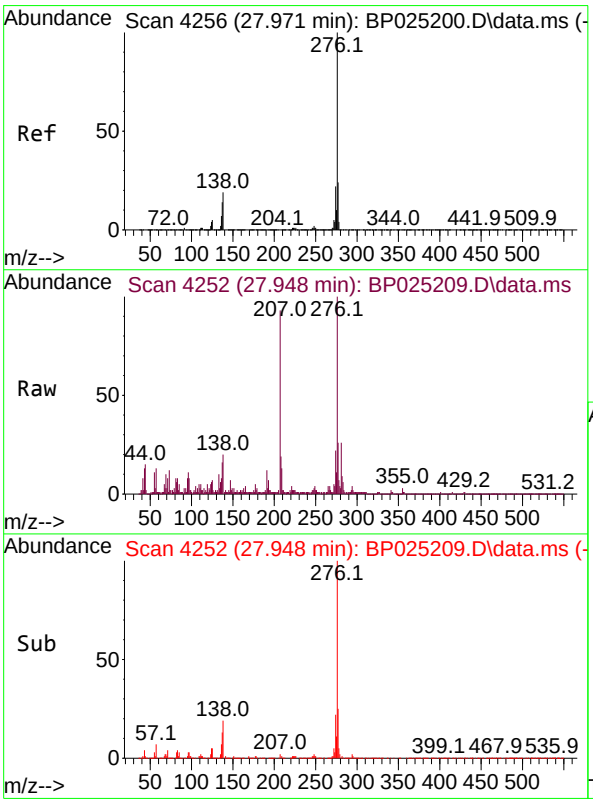
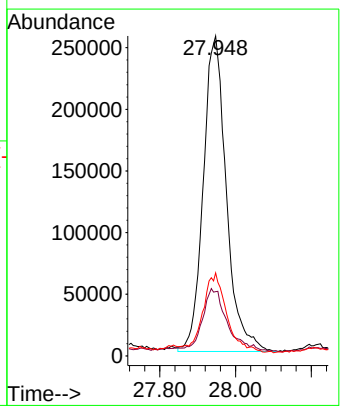
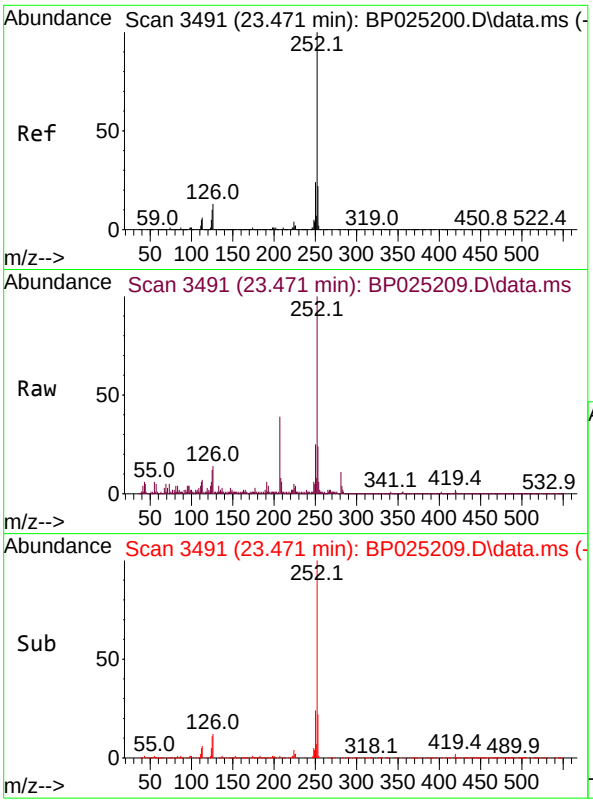



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.326 ng
RT: 27.948 min Scan# 4252
Delta R.T. -0.023 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1085417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.9 | 12.8 | 19.2# |
| 277 | 25.1 | 20.3 | 30.5 |

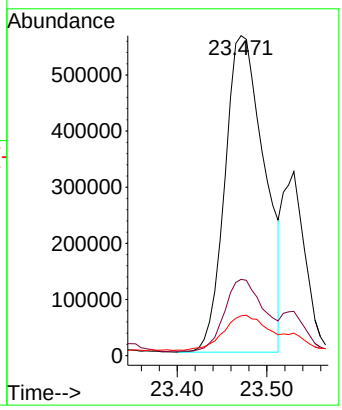





#88
Benzo(b)fluoranthene
Concen: 6.770 ng
RT: 23.471 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 173047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.4 | 7.8 | 11.8# |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations**
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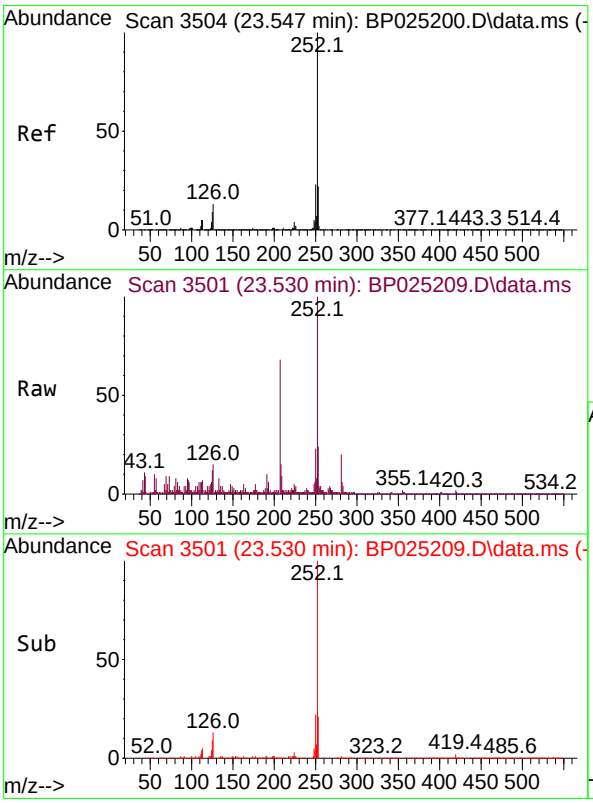
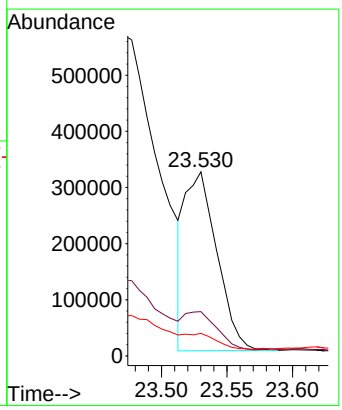
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

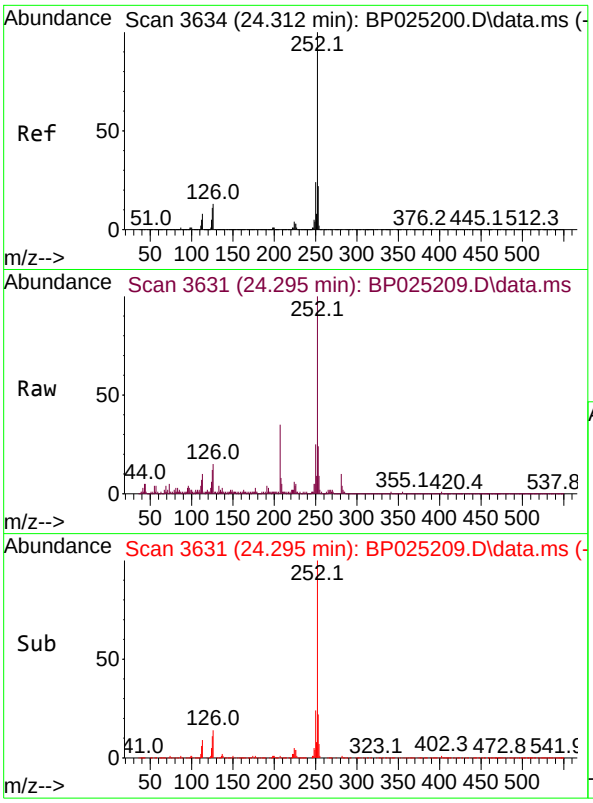



#89
Benzo(k)fluoranthene
Concen: 2.151 ng
RT: 23.530 min Scan# 3501
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 542706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 17.8 | 26.6 |
| 125 | 12.2 | 7.5 | 11.3# |

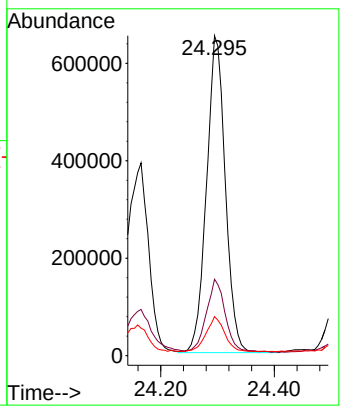





#90
Benzo(a)pyrene
Concen: 6.004 ng
RT: 24.295 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 149733

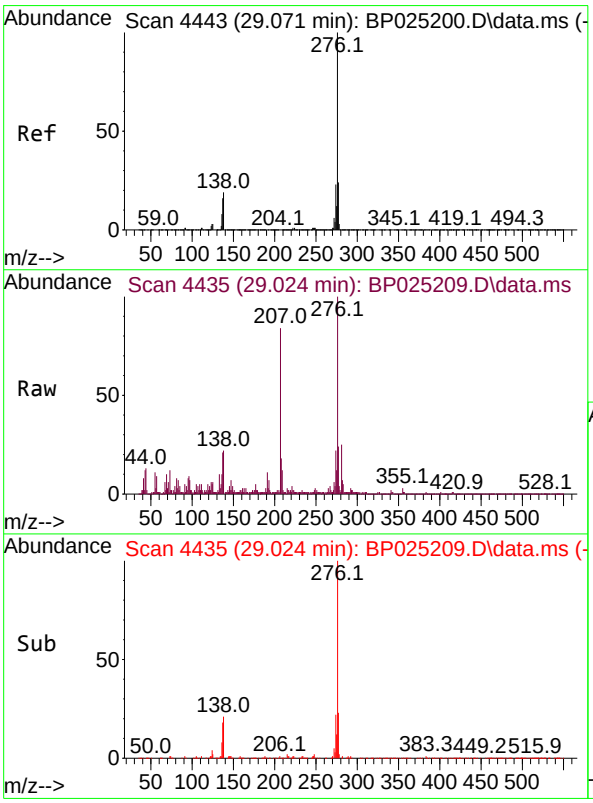
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.8 | 26.6 |
| 125 | 12.2 | 8.6 | 12.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

**Manual Integrations**
**APPROVED**

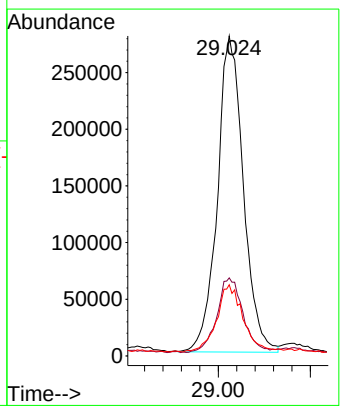
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025




#92
Benzo(g,h,i)perylene
Concen: 4.184 ng
RT: 29.024 min Scan# 4435
Delta R.T. -0.047 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1094765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.2 | 28.8 |
| 138 | 22.2 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025209.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.661 | 287 | 293 | 302 | rVB | 671141 | 964269 | 4.19% | 0.427% |
| 2 | 5.108 | 362 | 369 | 387 | rBV | 7736523 | 11405648 | 49.52% | 5.054% |
| 3 | 6.637 | 621 | 629 | 644 | rVB | 7369810 | 11794239 | 51.20% | 5.226% |
| 4 | 7.431 | 757 | 764 | 772 | rBV | 3197248 | 4972905 | 21.59% | 2.203% |
| 5 | 8.560 | 944 | 956 | 964 | rBV | 5039921 | 8002297 | 34.74% | 3.546% |
| 6 | 10.172 | 1223 | 1230 | 1237 | rBV | 4241755 | 6822640 | 29.62% | 3.023% |
| 7 | 12.666 | 1647 | 1654 | 1662 | rBV | 12616386 | 18568768 | 80.62% | 8.227% |
| 8 | 13.519 | 1789 | 1799 | 1803 | rBV5 | 182761 | 499321 | 2.17% | 0.221% |
| 9 | 13.784 | 1839 | 1844 | 1851 | rVB | 491981 | 794586 | 3.45% | 0.352% |
| 10 | 13.919 | 1862 | 1867 | 1874 | rBV7 | 121821 | 258172 | 1.12% | 0.114% |
| 11 | 14.066 | 1886 | 1892 | 1900 | rBV | 5703553 | 8652519 | 37.56% | 3.834% |
| 12 | 14.542 | 1970 | 1973 | 1982 | rVB5 | 138328 | 252597 | 1.10% | 0.112% |
| 13 | 14.766 | 2004 | 2011 | 2016 | rBV2 | 548581 | 1137686 | 4.94% | 0.504% |
| 14 | 14.942 | 2036 | 2041 | 2044 | rBV2 | 377591 | 610696 | 2.65% | 0.271% |
| 15 | 15.478 | 2127 | 2132 | 2141 | rVB | 817824 | 1371369 | 5.95% | 0.608% |
| 16 | 15.607 | 2145 | 2154 | 2164 | rBV | 9103134 | 13949906 | 60.56% | 6.181% |
| 17 | 16.119 | 2237 | 2241 | 2246 | rBV2 | 314198 | 460730 | 2.00% | 0.204% |
| 18 | 16.330 | 2273 | 2277 | 2283 | rBV2 | 468891 | 631515 | 2.74% | 0.280% |
| 19 | 16.466 | 2297 | 2300 | 2304 | rVB2 | 208125 | 238582 | 1.04% | 0.106% |
| 20 | 16.889 | 2367 | 2372 | 2377 | rBV2 | 6864077 | 9185606 | 39.88% | 4.070% |
| 21 | 16.930 | 2377 | 2379 | 2386 | rVB | 637619 | 731272 | 3.17% | 0.324% |
| 22 | 17.007 | 2388 | 2392 | 2394 | rBV2 | 425107 | 599317 | 2.60% | 0.266% |
| 23 | 17.619 | 2492 | 2496 | 2504 | rVB5 | 510871 | 984306 | 4.27% | 0.436% |
| 24 | 17.742 | 2514 | 2517 | 2523 | rBV5 | 208267 | 395211 | 1.72% | 0.175% |
| 25 | 17.819 | 2523 | 2530 | 2532 | rBV2 | 297475 | 608636 | 2.64% | 0.270% |
| 26 | 17.883 | 2533 | 2541 | 2547 | rVV2 | 6155781 | 9265870 | 40.23% | 4.105% |
| 27 | 17.930 | 2547 | 2549 | 2555 | rVB | 625634 | 823628 | 3.58% | 0.365% |
| 28 | 18.001 | 2556 | 2561 | 2565 | rBV2 | 430167 | 844984 | 3.67% | 0.374% |
| 29 | 18.142 | 2581 | 2585 | 2587 | rBV2 | 349879 | 505409 | 2.19% | 0.224% |
| 30 | 18.172 | 2588 | 2590 | 2602 | rVB7 | 434746 | 971592 | 4.22% | 0.430% |
| 31 | 18.777 | 2689 | 2693 | 2698 | rBV2 | 640810 | 1064891 | 4.62% | 0.472% |
| 32 | 18.913 | 2712 | 2716 | 2719 | rBV2 | 421645 | 664486 | 2.88% | 0.294% |
| 33 | 19.030 | 2732 | 2736 | 2741 | rBV | 2277855 | 3293650 | 14.30% | 1.459% |
| 34 | 19.101 | 2744 | 2748 | 2749 | rBV3 | 383601 | 534054 | 2.32% | 0.237% |
| 35 | 19.224 | 2762 | 2769 | 2779 | rVB2 | 1796327 | 3096277 | 13.44% | 1.372% |
| 36 | 19.313 | 2781 | 2784 | 2792 | rVB | 452674 | 693910 | 3.01% | 0.307% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.413 | 2793 | 2801 | 2805 | rBV | 2465567 | 3964117 | 17.21% | 1.756% |
| 38 | 19.654 | 2836 | 2842 | 2854 | rVB | 17707383 | 23033667 | 100.00% | 10.206% |
| 39 | 19.771 | 2858 | 2862 | 2868 | rBV2 | 466705 | 804109 | 3.49% | 0.356% |
| 40 | 19.942 | 2883 | 2891 | 2895 | rVB | 1122674 | 2199056 | 9.55% | 0.974% |
| 41 | 20.107 | 2916 | 2919 | 2922 | rVB2 | 461568 | 540559 | 2.35% | 0.240% |
| 42 | 20.213 | 2933 | 2937 | 2941 | rBV3 | 654557 | 1107116 | 4.81% | 0.491% |
| 43 | 20.260 | 2942 | 2945 | 2948 | rVV | 657224 | 712904 | 3.10% | 0.316% |
| 44 | 20.301 | 2949 | 2952 | 2956 | rVB | 586934 | 777148 | 3.37% | 0.344% |
| 45 | 20.342 | 2957 | 2959 | 2961 | rBV2 | 361315 | 394849 | 1.71% | 0.175% |
| 46 | 20.507 | 2984 | 2987 | 2993 | rBV | 696977 | 930406 | 4.04% | 0.412% |
| 47 | 21.054 | 3076 | 3080 | 3089 | rVB2 | 1953162 | 3217767 | 13.97% | 1.426% |
| 48 | 21.318 | 3117 | 3125 | 3130 | rBV3 | 8140370 | 14633688 | 63.53% | 6.484% |
| 49 | 21.360 | 3130 | 3132 | 3137 | rVB | 1817100 | 2177315 | 9.45% | 0.965% |
| 50 | 22.230 | 3275 | 3280 | 3287 | rVB4 | 2094001 | 3872225 | 16.81% | 1.716% |
| 51 | 23.107 | 3426 | 3429 | 3437 | rVB3 | 933981 | 1727102 | 7.50% | 0.765% |
| 52 | 23.736 | 3529 | 3536 | 3544 | rBV2 | 3630643 | 8194570 | 35.58% | 3.631% |
| 53 | 24.295 | 3626 | 3631 | 3645 | rVB | 1699868 | 4479541 | 19.45% | 1.985% |
| 54 | 24.442 | 3649 | 3656 | 3664 | rVB | 4188470 | 10592262 | 45.99% | 4.693% |
| 55 | 25.454 | 3823 | 3828 | 3842 | rVB2 | 1775921 | 4282623 | 18.59% | 1.898% |
| 56 | 25.812 | 3882 | 3889 | 3900 | rVB2 | 2955639 | 9453234 | 41.04% | 4.188% |
| 57 | 29.712 | 4548 | 4552 | 4560 | rBV6 | 1005465 | 2949687 | 12.81% | 1.307% |

Sum of corrected areas: 225695489

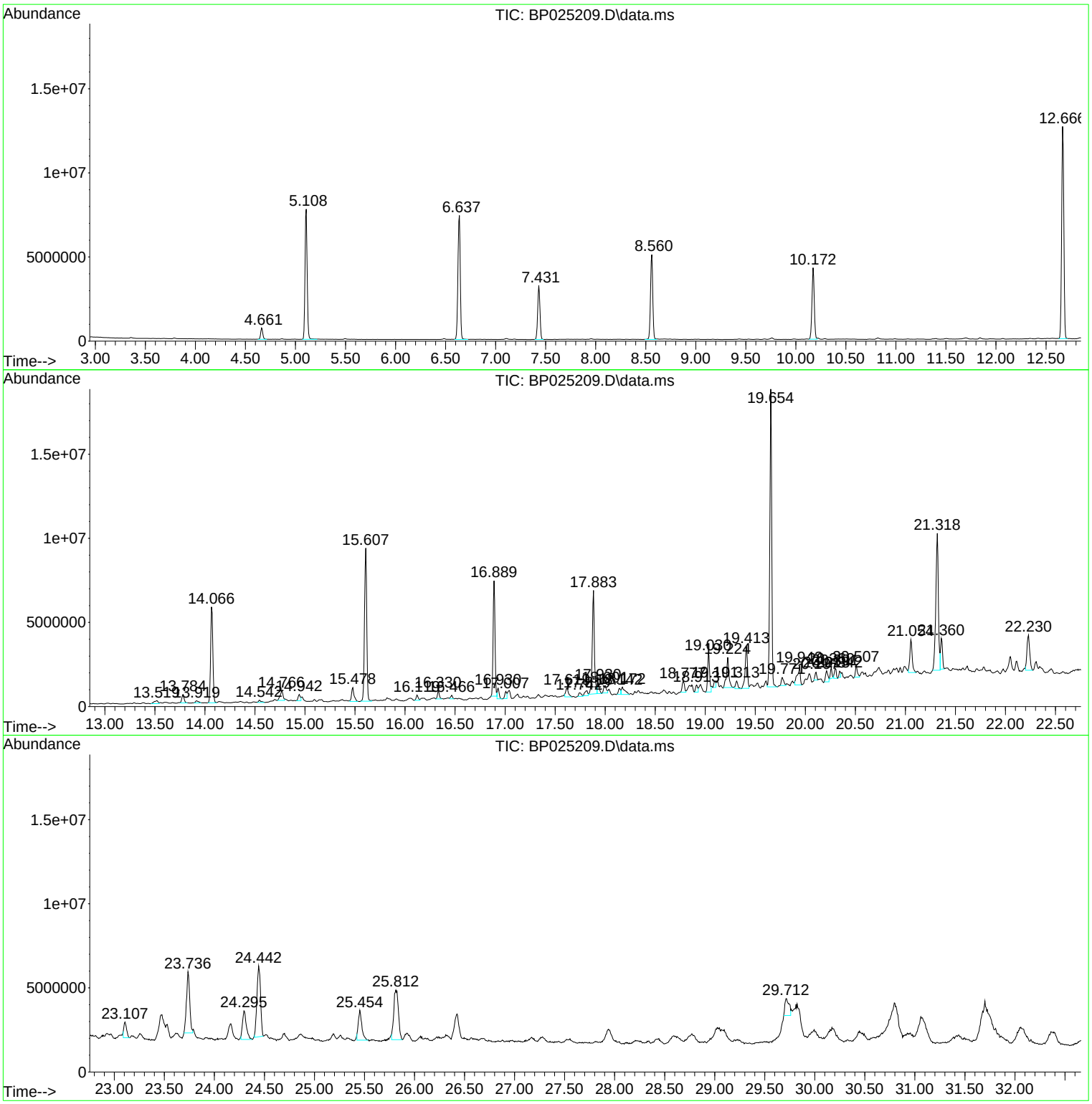
Sample Results: **BP025209.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-40-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-05 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.7 |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025210.D | 1 | 07/21/25 09:30 | 07/22/25 11:51 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.16 | U | 0.032 | 0.16 | 0.21 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.12 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 86-73-7 | Fluorene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.13 | J | 0.026 | 0.16 | 0.21 | mg/Kg |
| 120-12-7 | Anthracene | 0.088 | J | 0.041 | 0.16 | 0.21 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.33 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 129-00-0 | Pyrene | 0.45 | | 0.045 | 0.16 | 0.21 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.30 | | 0.029 | 0.16 | 0.21 | mg/Kg |
| 218-01-9 | Chrysene | 0.35 | | 0.025 | 0.16 | 0.21 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.35 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.12 | J | 0.028 | 0.16 | 0.21 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.32 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.17 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.16 | U | 0.034 | 0.16 | 0.21 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.21 | | 0.032 | 0.16 | 0.21 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 50.2 | | 37 - 122 | | 50% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 52.2 | | 44 - 115 | | 52% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 51.8 | * | 54 - 127 | | 52% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 870000 | 7.437 | | | | |
| 1146-65-2 | Naphthalene-d8 | 3340000 | 10.172 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 1980000 | 14.078 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3640000 | 16.889 | | | | |
| 1719-03-5 | Chrysene-d12 | 3560000 | 21.324 | | | | |
| 1520-96-3 | Perylene-d12 | 4140000 | 24.46 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-40-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-05 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 80.7 |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025210.D | 1 | 07/21/25 09:30 | 07/22/25 11:51 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 870169 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 3344284 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1975954 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3638856 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.324 | 240 | 3558679 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.460 | 264 | 4138303 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 3955332 | 76.802 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4880822 | 76.520 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 3022658 | 50.229 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2274627 | 78.086 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7321746 | 52.240 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 9342690 | 51.825 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 49) Acenaphthylene | 13.795 | 152 | 540510 | 2.988 | ng | 100 |
| 71) Phenanthrene | 16.931 | 178 | 620121 | 3.160 | ng | 100 |
| 72) Anthracene | 17.036 | 178 | 420458 | 2.127 | ng | 98 |
| 75) Fluoranthene | 19.036 | 202 | 1872149 | 8.105 | ng | 99 |
| 78) Pyrene | 19.413 | 202 | 2367877 | 10.791 | ng | 98 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 1620605m | 7.211 | ng | |
| 83) Chrysene | 21.366 | 228 | 1784185 | 8.505 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.971 | 276 | 1259500 | 4.165 | ng | # 95 |
| 88) Benzo(b)fluoranthene | 23.460 | 252 | 2032653 | 8.581 | ng | # 96 |
| 89) Benzo(k)fluoranthene | 23.524 | 252 | 671504m | 2.871 | ng | |
| 90) Benzo(a)pyrene | 24.289 | 252 | 1794768 | 7.766 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 29.059 | 276 | 1256583 | 5.182 | ng | 96 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

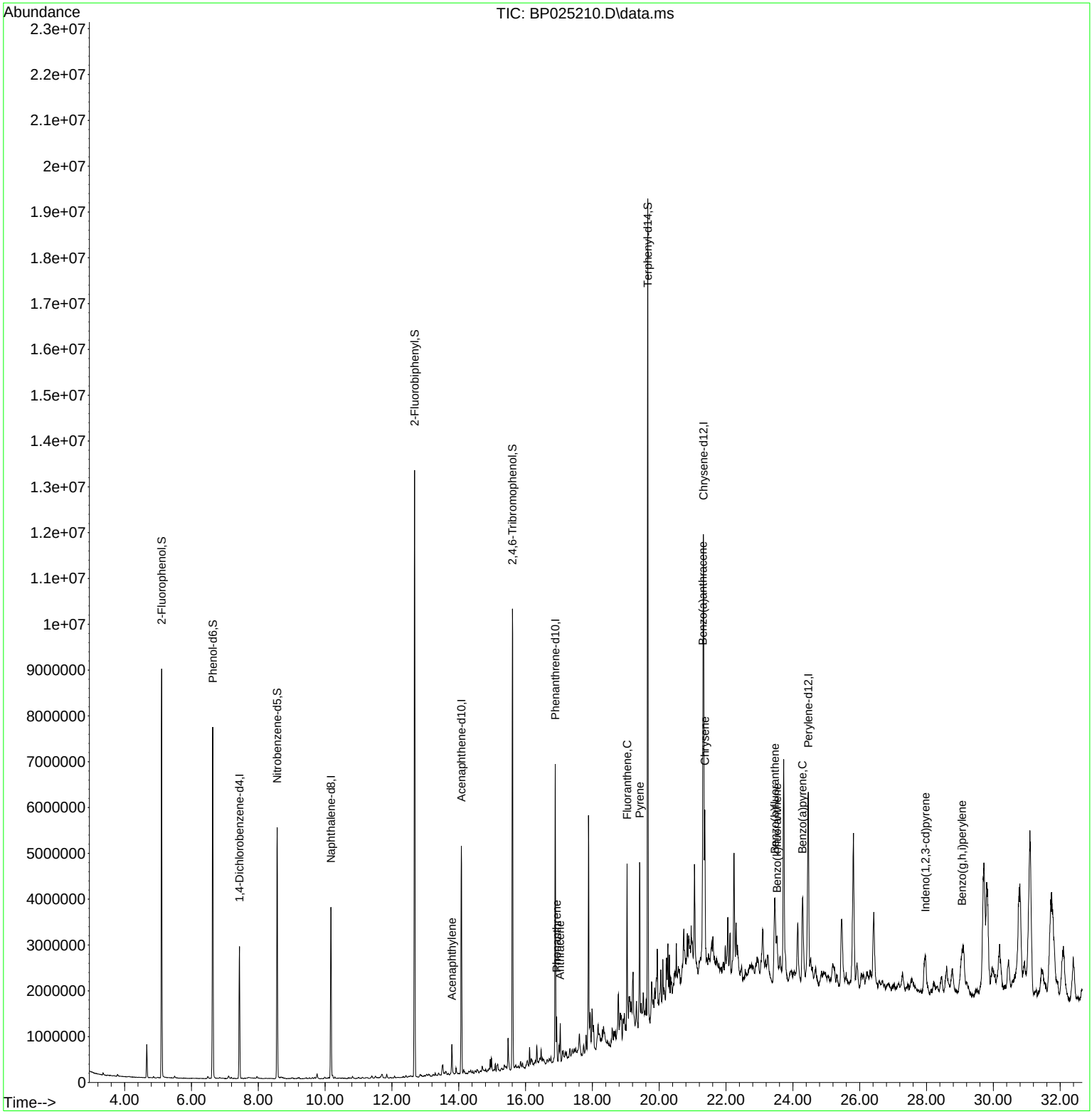
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

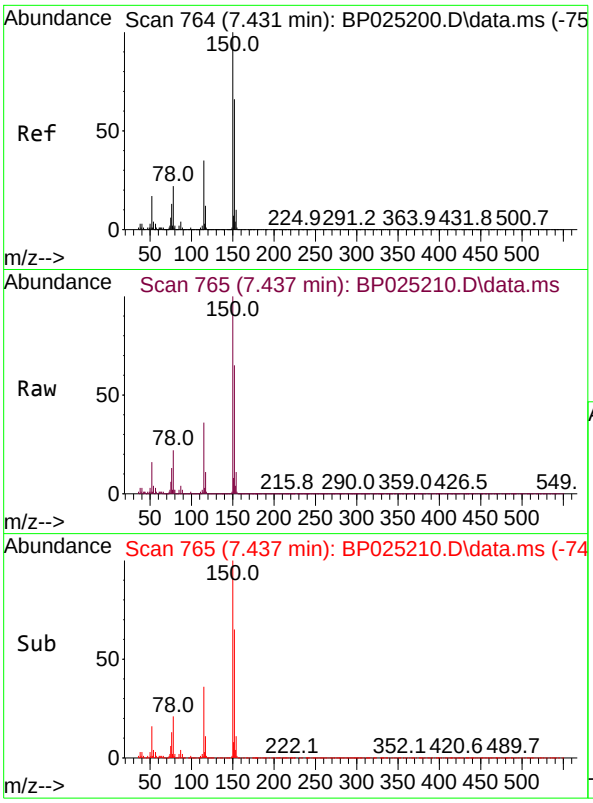
Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

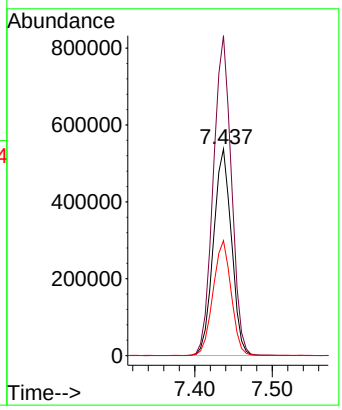





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:152 Resp: 87016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.8 | 121.9 | 182.9 |
| 115 | 55.6 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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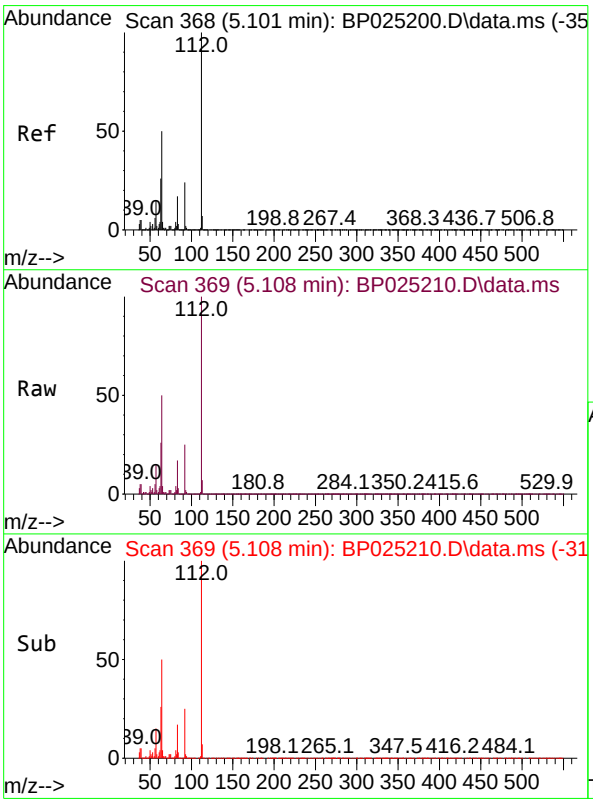
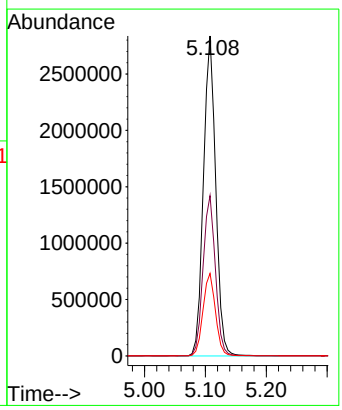
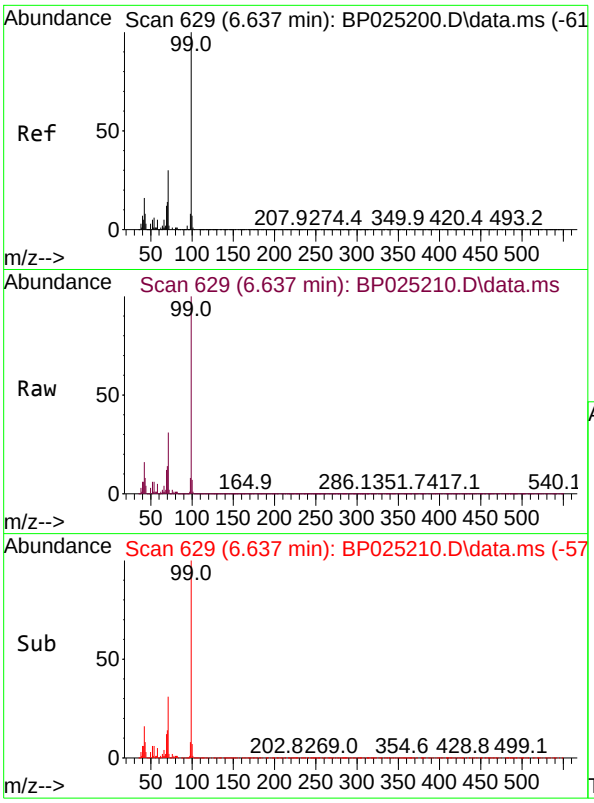



#5
2-Fluorophenol
Concen: 76.802 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:112 Resp: 3955332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.1 | 39.8 | 59.6 |
| 63 | 25.8 | 20.5 | 30.7 |

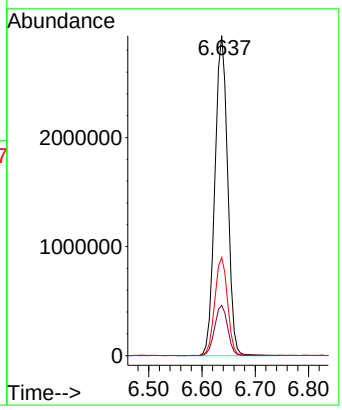





#7
Phenol-d6
Concen: 76.520 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion: 99 Resp: 488082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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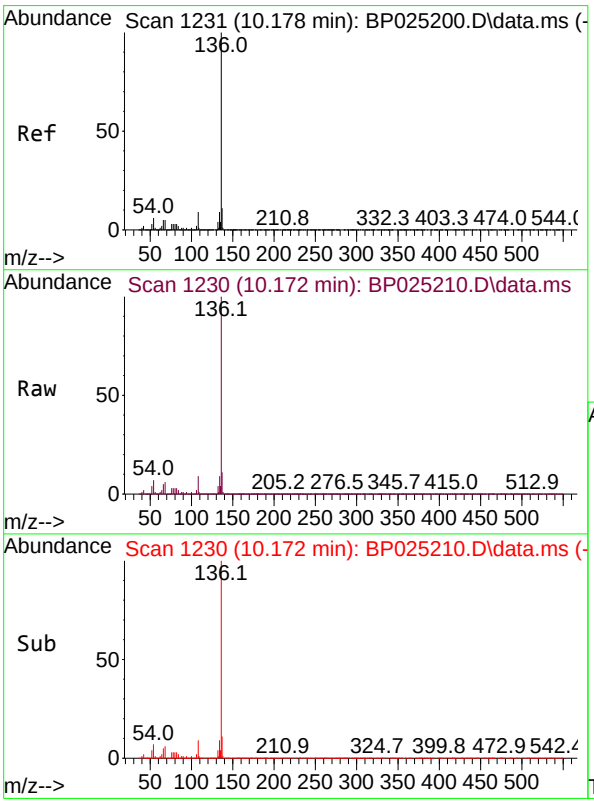
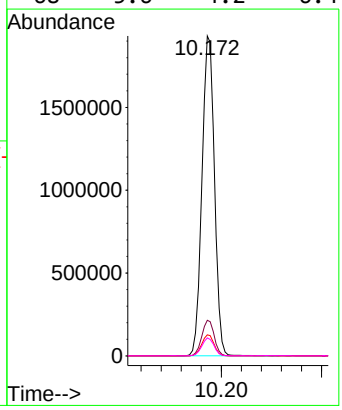
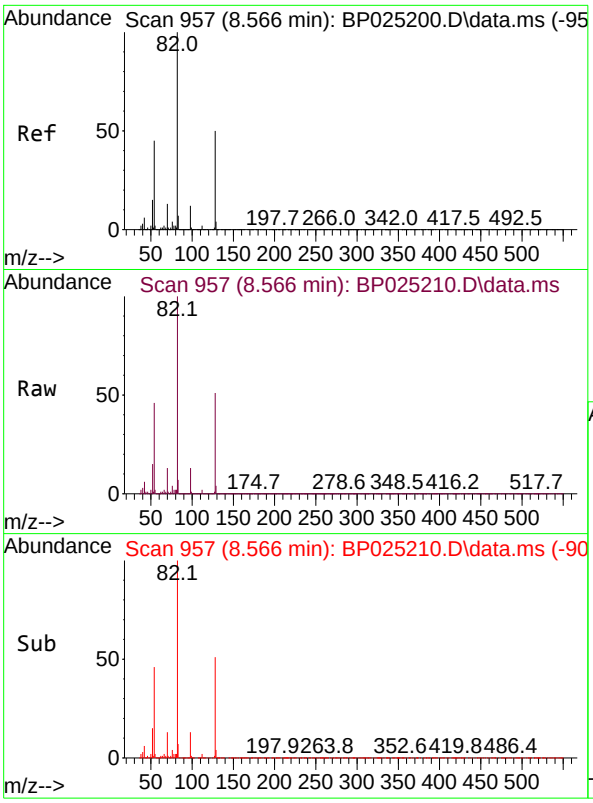



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:136 Resp: 3344284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

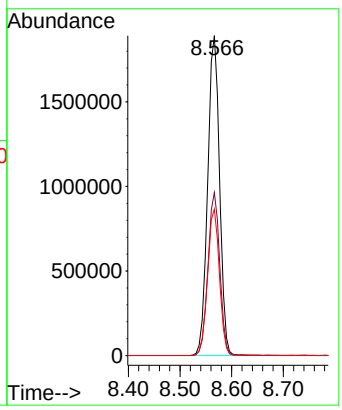





#23
Nitrobenzene-d5
Concen: 50.229 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion: 82 Resp: 302265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.0 | 40.2 | 60.4 |
| 54 | 45.8 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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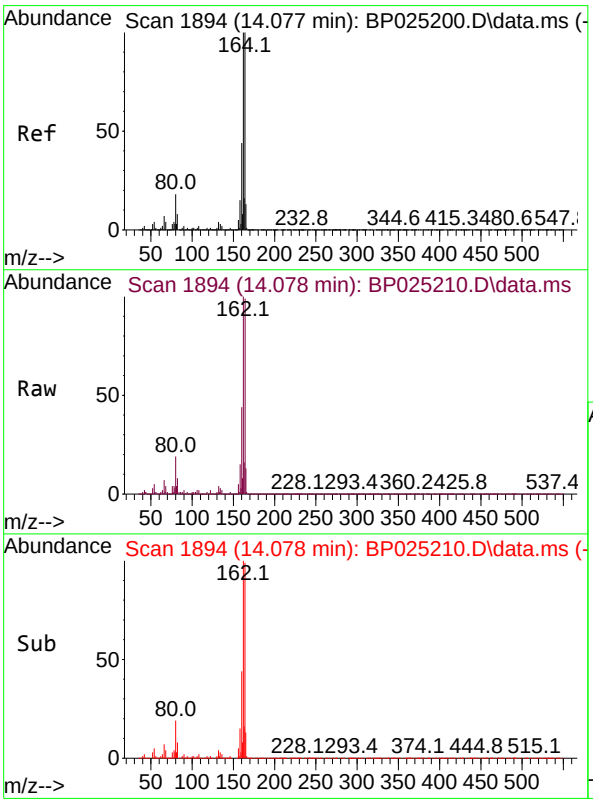
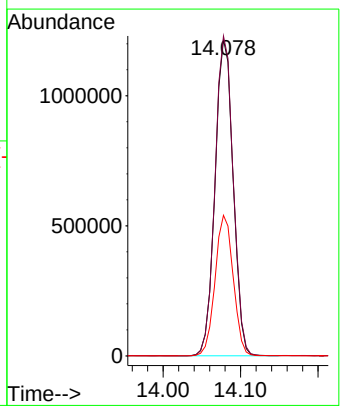
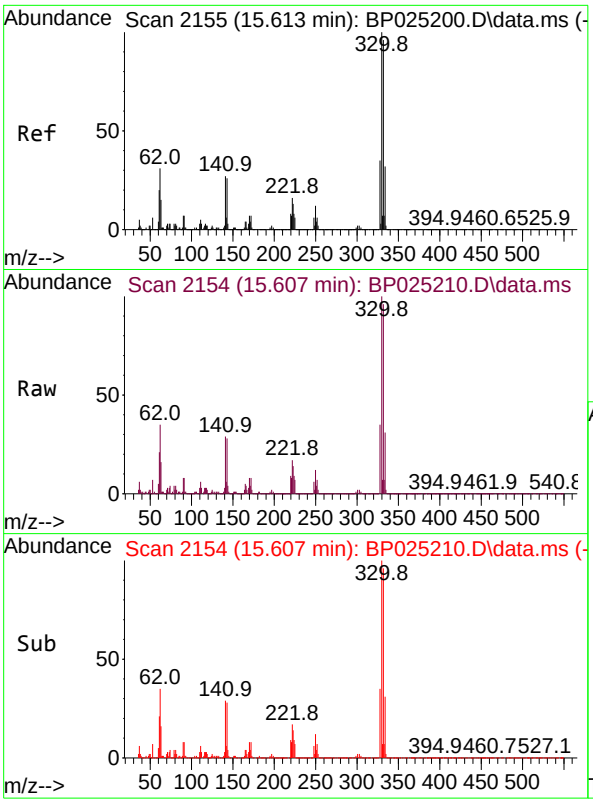



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:164 Resp: 1975954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.3 | 120.5 |
| 160 | 44.4 | 35.7 | 53.5 |

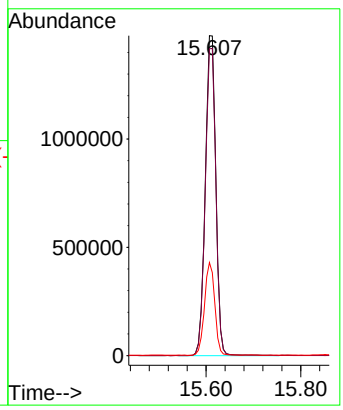





#42
2,4,6-Tribromophenol
Concen: 78.086 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:330 Resp: 227462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 28.2 | 22.4 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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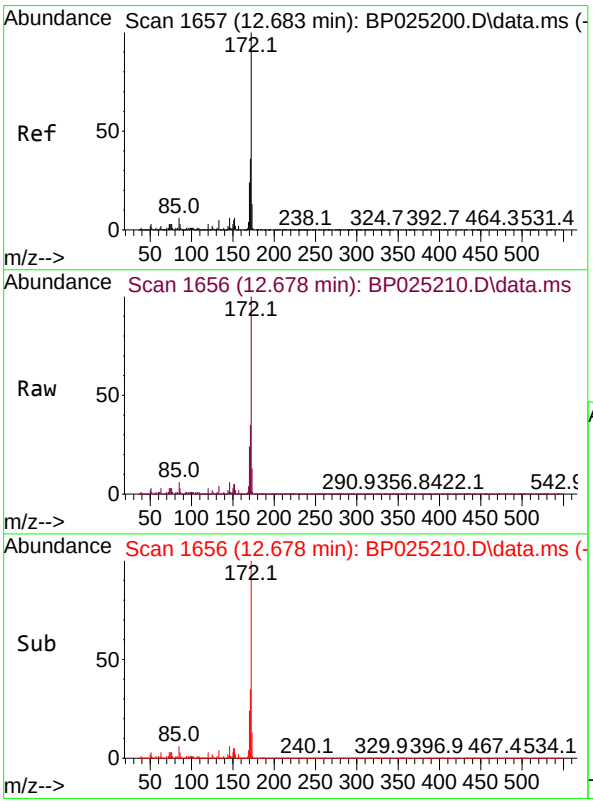
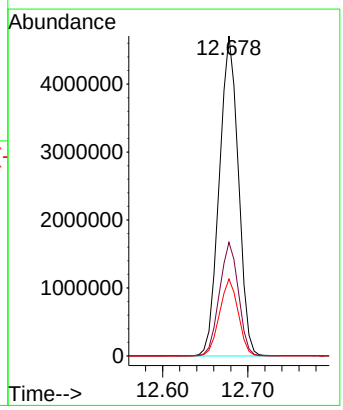
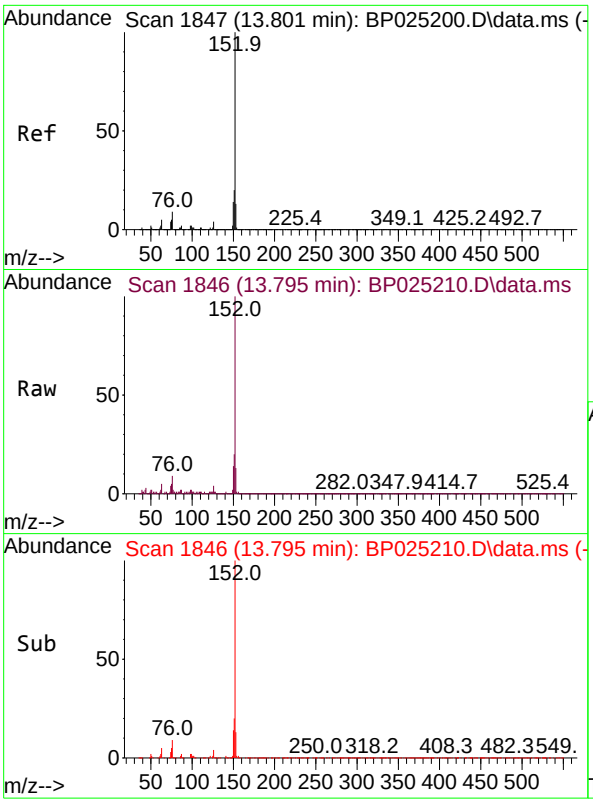



#45
2-Fluorobiphenyl
Concen: 52.240 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:172 Resp: 7321746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.8 | 43.2 |
| 170 | 24.0 | 19.2 | 28.8 |

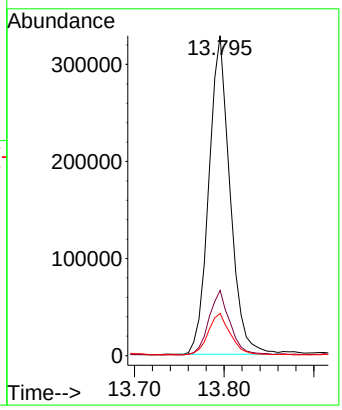





#49
Acenaphthylene
Concen: 2.988 ng
RT: 13.795 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:152 Resp: 54051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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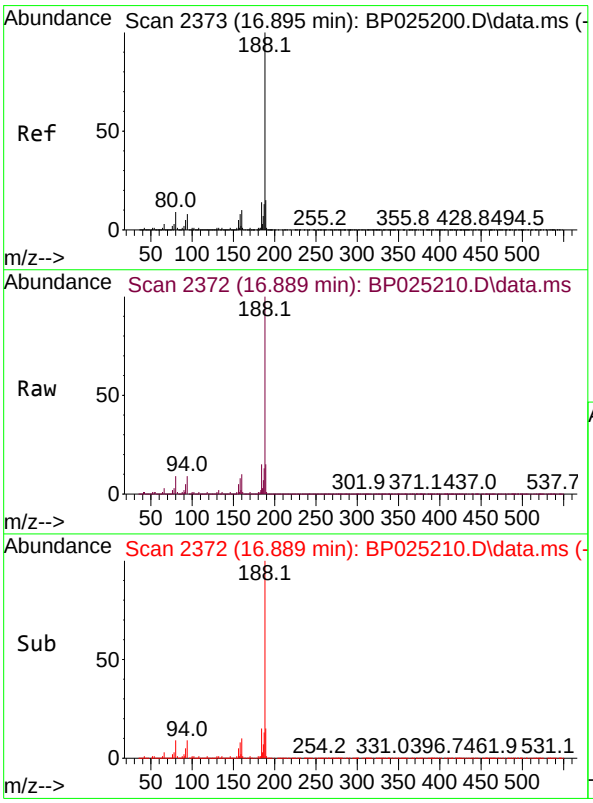
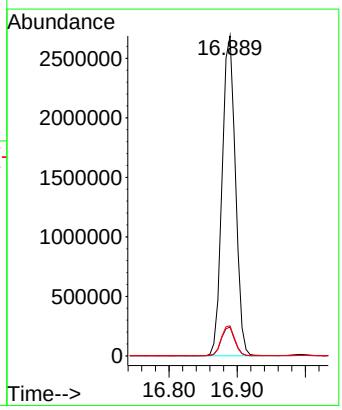
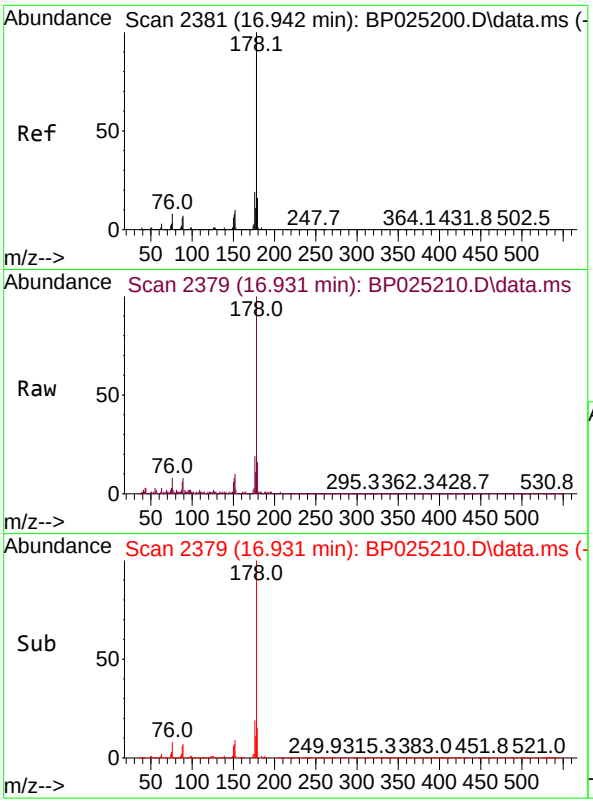



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:188 Resp: 3638856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 6.8 | 10.2 |
| 80 | 9.4 | 7.3 | 10.9 |

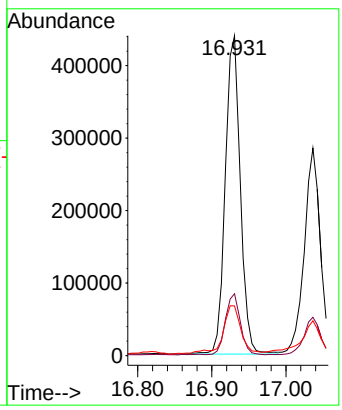





#71
Phenanthrene
Concen: 3.160 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 62012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.5 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

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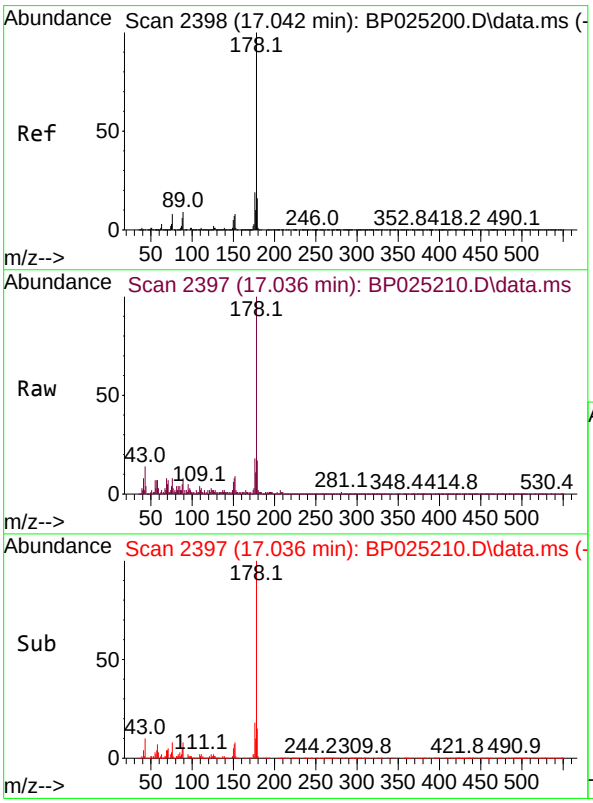
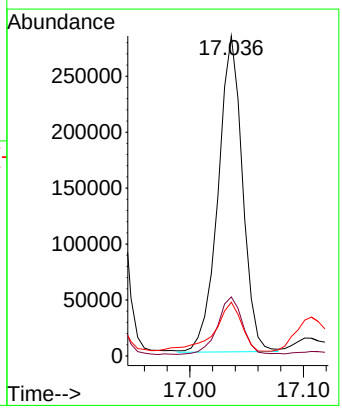
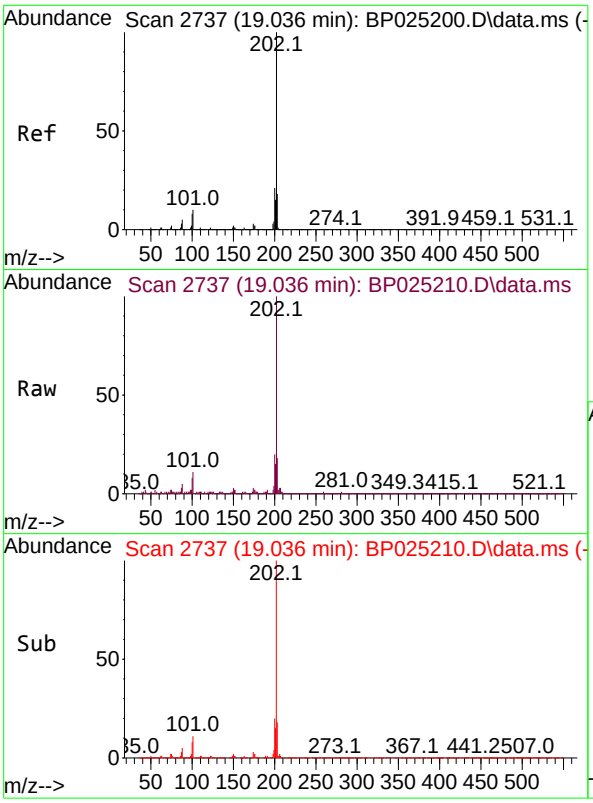



#72
Anthracene
Concen: 2.127 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 420458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 16.8 | 12.5 | 18.7 |

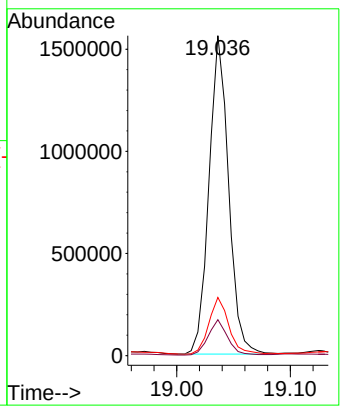





#75
Fluoranthene
Concen: 8.105 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:202 Resp: 187214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.2 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
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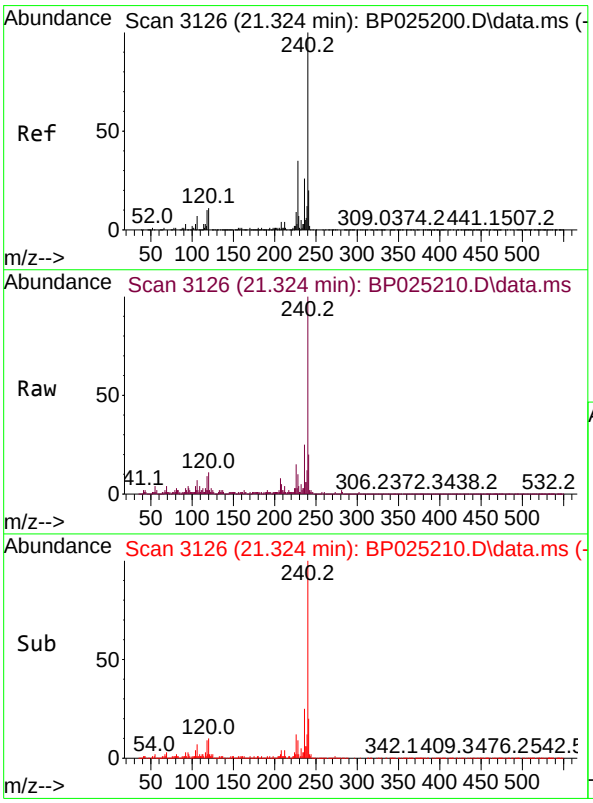
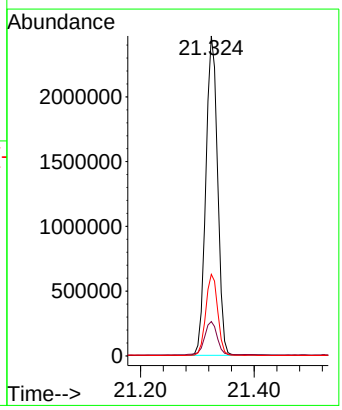
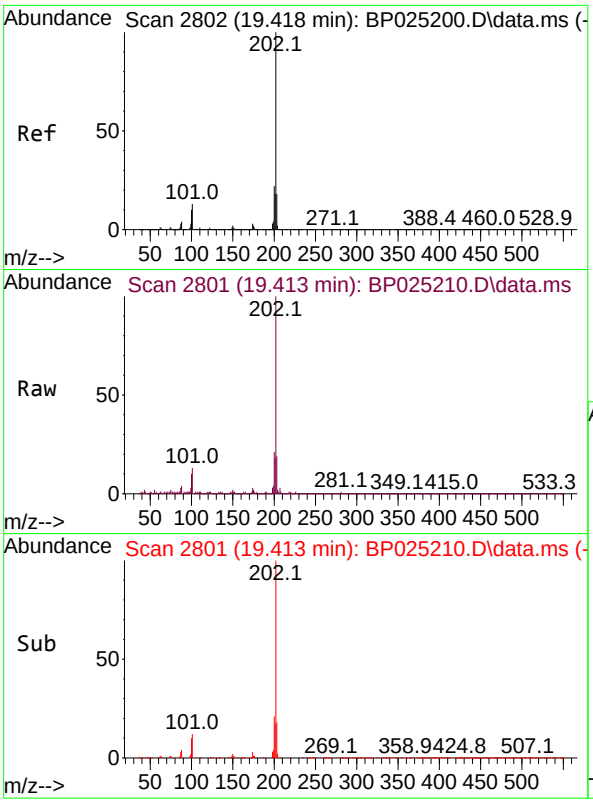



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:240 Resp: 3558679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |

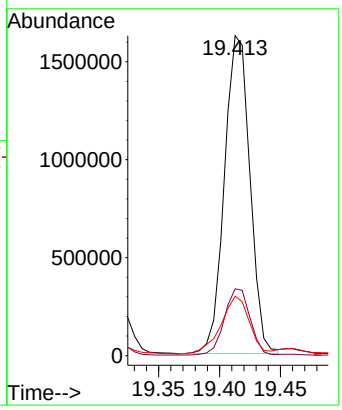





#78
Pyrene
Concen: 10.791 ng
RT: 19.413 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:202 Resp: 236787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.4 | 26.2 |
| 203 | 18.5 | 14.3 | 21.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

**Manual Integrations**
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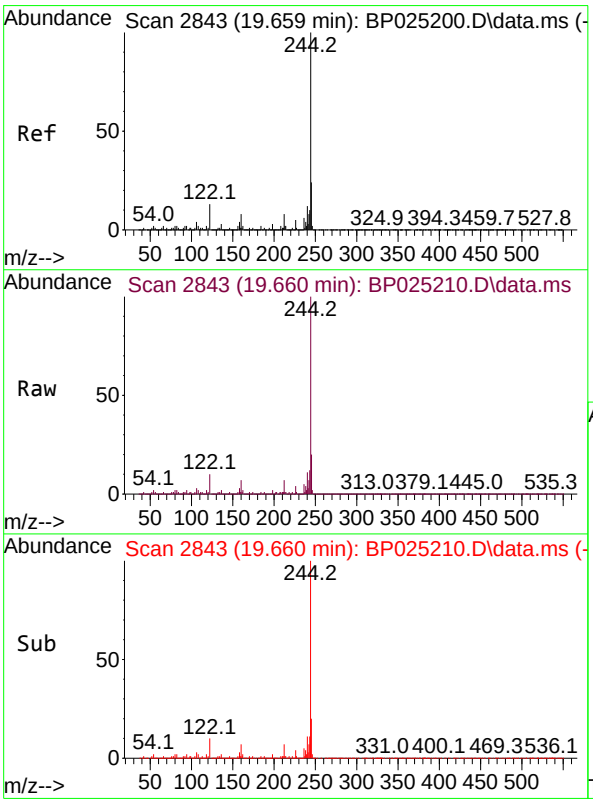
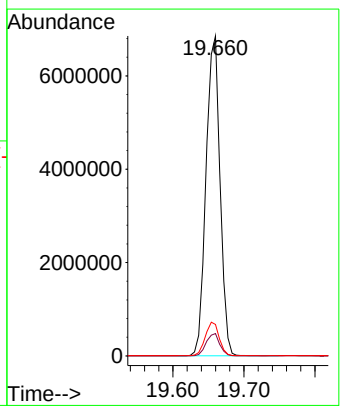
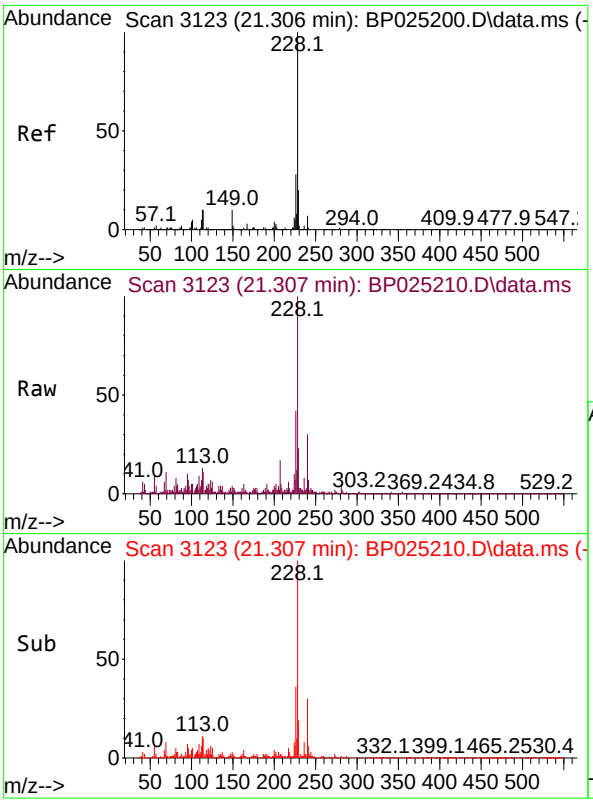



#79
Terphenyl-d14
Concen: 51.825 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:244 Resp: 9342690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.6 | 9.8 |
| 122 | 9.8 | 10.3 | 15.5# |

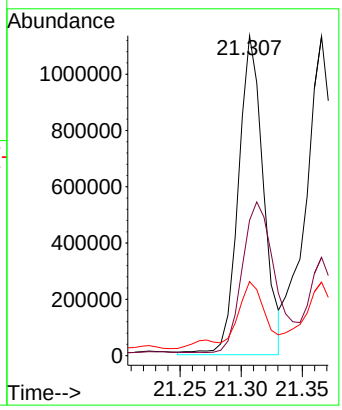





#81
Benzo(a)anthracene
Concen: 7.211 ng m
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 162060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 42.3 | 22.3 | 33.5 |
| 229 | 23.1 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
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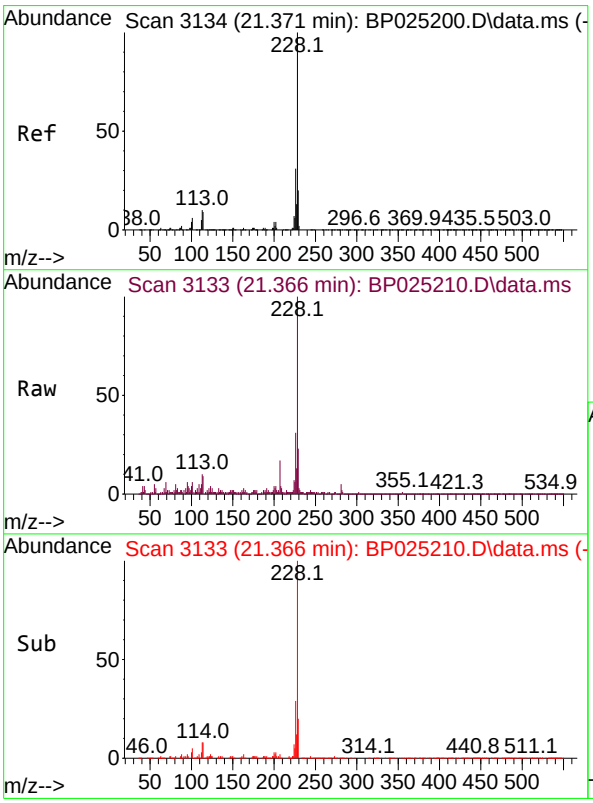
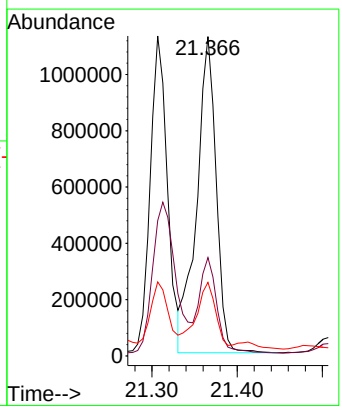
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

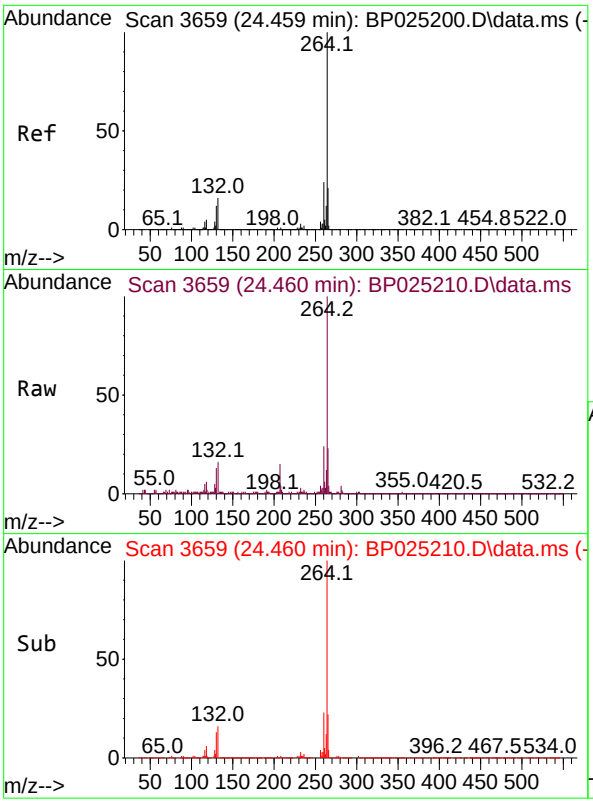



#83
Chrysene
Concen: 8.505 ng
RT: 21.366 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 1784185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 23.0 | 16.0 | 24.0 |

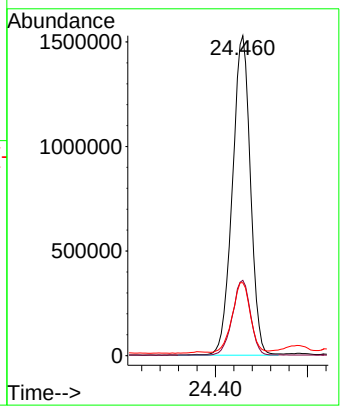





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:264 Resp: 413830

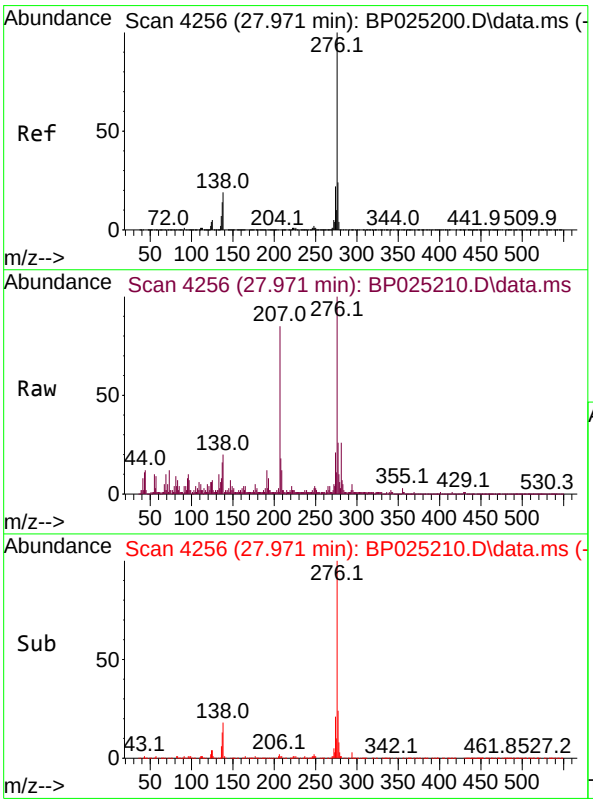
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.8 | 17.5 | 26.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

**Manual Integrations**
**APPROVED**

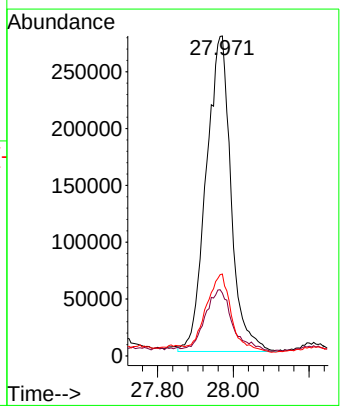
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

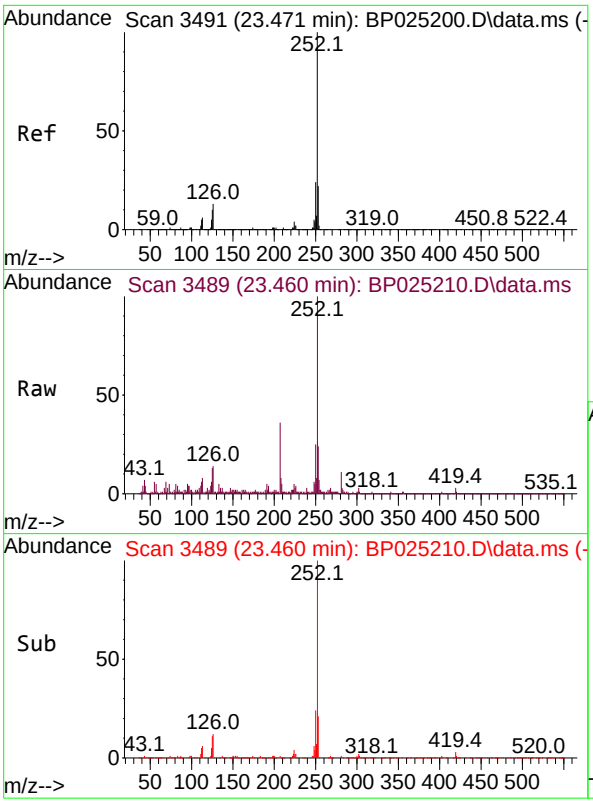



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.165 ng
RT: 27.971 min Scan# 4256
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1259500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.6 | 12.8 | 19.2# |
| 277 | 25.5 | 20.3 | 30.5 |

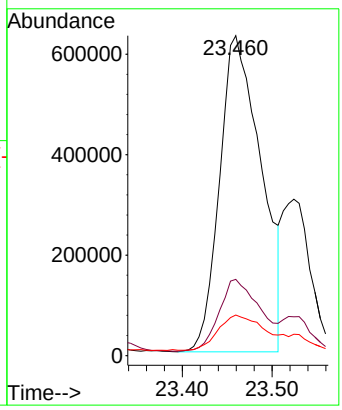





#88
Benzo(b)fluoranthene
Concen: 8.581 ng
RT: 23.460 min Scan# 34
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

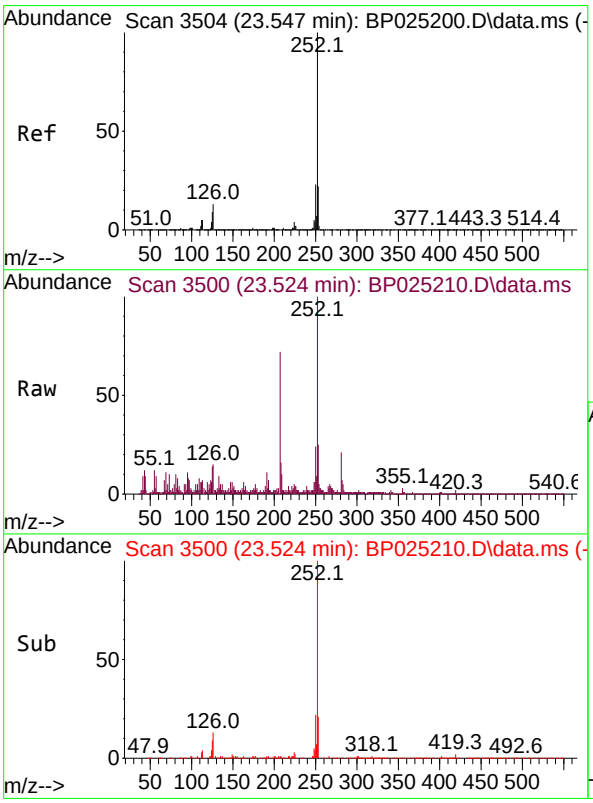
Tgt Ion:252 Resp: 203265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.7 | 7.8 | 11.8# |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

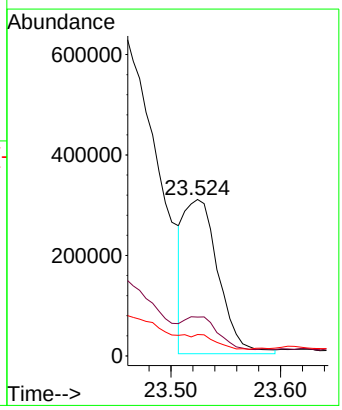
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

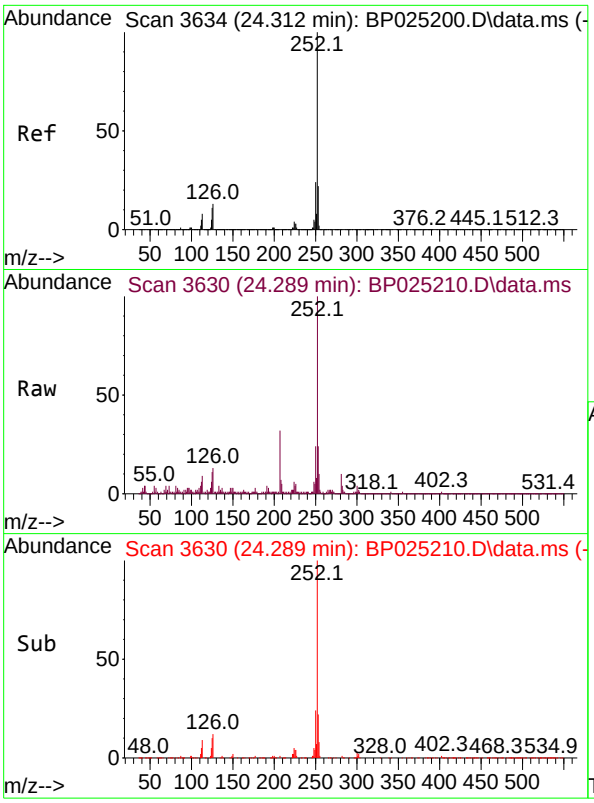



#89
Benzo(k)fluoranthene
Concen: 2.871 ng m
RT: 23.524 min Scan# 3500
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 671504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.8 | 26.6 |
| 125 | 13.6 | 7.5 | 11.3# |

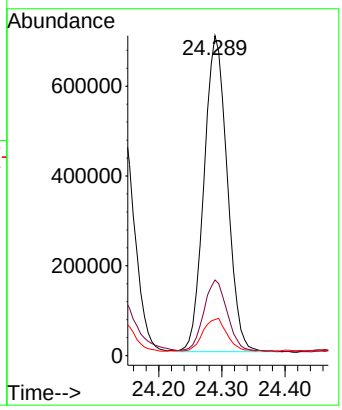





#90
Benzo(a)pyrene
Concen: 7.766 ng
RT: 24.289 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 179476

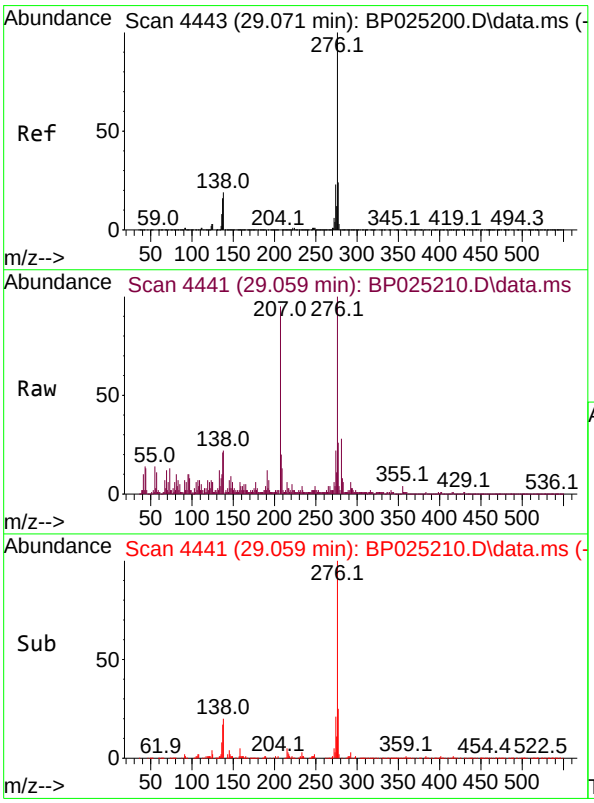
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

**Manual Integrations**
**APPROVED**

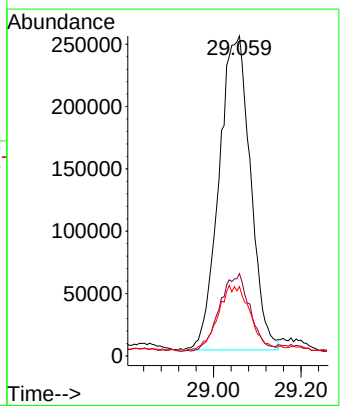
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025




#92
Benzo(g,h,i)perylene
Concen: 5.182 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1256583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.7 | 19.2 | 28.8 |
| 138 | 21.7 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025210.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.661 | 287 | 293 | 303 | rBV | 725741 | 1082900 | 4.26% | 0.427% |
| 2 | 5.108 | 362 | 369 | 380 | rBV | 8928492 | 12508561 | 49.26% | 4.936% |
| 3 | 6.637 | 619 | 629 | 642 | rBV | 7668154 | 12943524 | 50.98% | 5.108% |
| 4 | 7.437 | 757 | 765 | 774 | rVB | 2880258 | 4688369 | 18.46% | 1.850% |
| 5 | 8.566 | 945 | 957 | 966 | rBV | 5482750 | 8809429 | 34.69% | 3.477% |
| 6 | 10.172 | 1223 | 1230 | 1237 | rBV | 3729738 | 6442892 | 25.37% | 2.543% |
| 7 | 12.678 | 1648 | 1656 | 1666 | rVB | 13238616 | 20333348 | 80.08% | 8.024% |
| 8 | 13.507 | 1791 | 1797 | 1798 | rBV3 | 198522 | 281888 | 1.11% | 0.111% |
| 9 | 13.795 | 1840 | 1846 | 1852 | rBV | 634334 | 982788 | 3.87% | 0.388% |
| 10 | 14.078 | 1887 | 1894 | 1902 | rBV | 4967783 | 8115227 | 31.96% | 3.203% |
| 11 | 14.942 | 2037 | 2041 | 2044 | rBV2 | 225536 | 316316 | 1.25% | 0.125% |
| 12 | 14.978 | 2044 | 2047 | 2054 | rVB | 288812 | 429251 | 1.69% | 0.169% |
| 13 | 15.166 | 2071 | 2079 | 2083 | rBV3 | 159145 | 413240 | 1.63% | 0.163% |
| 14 | 15.478 | 2127 | 2132 | 2144 | rVB | 704550 | 1263530 | 4.98% | 0.499% |
| 15 | 15.607 | 2147 | 2154 | 2163 | rVV | 10041574 | 15343179 | 60.43% | 6.055% |
| 16 | 16.119 | 2237 | 2241 | 2245 | rBV | 406499 | 505901 | 1.99% | 0.200% |
| 17 | 16.336 | 2274 | 2278 | 2285 | rBV3 | 365635 | 521661 | 2.05% | 0.206% |
| 18 | 16.466 | 2297 | 2300 | 2304 | rVB | 250268 | 291126 | 1.15% | 0.115% |
| 19 | 16.889 | 2366 | 2372 | 2376 | rBV | 6403911 | 8675453 | 34.17% | 3.424% |
| 20 | 16.931 | 2376 | 2379 | 2385 | rVB | 978622 | 1280200 | 5.04% | 0.505% |
| 21 | 17.001 | 2387 | 2391 | 2393 | rBV2 | 334698 | 470957 | 1.85% | 0.186% |
| 22 | 17.036 | 2393 | 2397 | 2402 | rVB | 828003 | 1180192 | 4.65% | 0.466% |
| 23 | 17.807 | 2526 | 2528 | 2533 | rVB | 313497 | 388072 | 1.53% | 0.153% |
| 24 | 17.883 | 2533 | 2541 | 2546 | rBV2 | 5110025 | 7445166 | 29.32% | 2.938% |
| 25 | 17.930 | 2547 | 2549 | 2554 | rVB | 648387 | 812527 | 3.20% | 0.321% |
| 26 | 17.989 | 2555 | 2559 | 2564 | rBV2 | 702764 | 1306738 | 5.15% | 0.516% |
| 27 | 18.295 | 2609 | 2611 | 2614 | rBV | 232778 | 262668 | 1.03% | 0.104% |
| 28 | 18.589 | 2659 | 2661 | 2667 | rVB5 | 261920 | 435219 | 1.71% | 0.172% |
| 29 | 18.778 | 2688 | 2693 | 2697 | rVB3 | 786429 | 1358219 | 5.35% | 0.536% |
| 30 | 18.919 | 2713 | 2717 | 2720 | rBV3 | 424216 | 778322 | 3.07% | 0.307% |
| 31 | 19.036 | 2733 | 2737 | 2744 | rBV | 3649812 | 4948180 | 19.49% | 1.953% |
| 32 | 19.095 | 2744 | 2747 | 2749 | rBV3 | 480108 | 623806 | 2.46% | 0.246% |
| 33 | 19.219 | 2762 | 2768 | 2778 | rVB2 | 1174649 | 2768420 | 10.90% | 1.093% |
| 34 | 19.319 | 2782 | 2785 | 2793 | rVB | 585976 | 970855 | 3.82% | 0.383% |
| 35 | 19.413 | 2794 | 2801 | 2806 | rBV | 3551620 | 5730299 | 22.57% | 2.261% |
| 36 | 19.519 | 2816 | 2819 | 2825 | rVB2 | 472622 | 770922 | 3.04% | 0.304% |

Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.660 | 2837 | 2843 | 2854 | rVB | 17997906 | 25391085 | 100.00% | 10.020% |
| 38 | 19.772 | 2859 | 2862 | 2868 | rVV2 | 554821 | 992379 | 3.91% | 0.392% |
| 39 | 19.942 | 2889 | 2891 | 2897 | rVB2 | 1232069 | 1347601 | 5.31% | 0.532% |
| 40 | 20.048 | 2906 | 2909 | 2914 | rVB2 | 703199 | 898702 | 3.54% | 0.355% |
| 41 | 20.107 | 2916 | 2919 | 2923 | rVV | 799980 | 920673 | 3.63% | 0.363% |
| 42 | 20.219 | 2933 | 2938 | 2941 | rBV3 | 907805 | 1732918 | 6.82% | 0.684% |
| 43 | 20.260 | 2942 | 2945 | 2949 | rVV | 1141186 | 1575922 | 6.21% | 0.622% |
| 44 | 20.301 | 2949 | 2952 | 2956 | rVB | 847390 | 1108573 | 4.37% | 0.437% |
| 45 | 20.513 | 2985 | 2988 | 2990 | rBV | 703847 | 661514 | 2.61% | 0.261% |
| 46 | 20.954 | 3061 | 3063 | 3065 | rBV | 585696 | 540498 | 2.13% | 0.213% |
| 47 | 21.054 | 3077 | 3080 | 3089 | rVB3 | 2180683 | 3541247 | 13.95% | 1.398% |
| 48 | 21.319 | 3118 | 3125 | 3130 | rBV4 | 8907389 | 19879621 | 78.29% | 7.845% |
| 49 | 21.366 | 3130 | 3133 | 3140 | rVB | 3316576 | 4945719 | 19.48% | 1.952% |
| 50 | 22.236 | 3276 | 3281 | 3288 | rBV4 | 2259586 | 4436223 | 17.47% | 1.751% |
| 51 | 23.724 | 3528 | 3534 | 3548 | rVB2 | 4684342 | 10971605 | 43.21% | 4.330% |
| 52 | 24.295 | 3625 | 3631 | 3643 | rVB | 1736640 | 5091043 | 20.05% | 2.009% |
| 53 | 24.460 | 3652 | 3659 | 3666 | rVB | 3808521 | 9428984 | 37.14% | 3.721% |
| 54 | 25.460 | 3824 | 3829 | 3844 | rVB3 | 1360516 | 4714294 | 18.57% | 1.860% |
| 55 | 25.812 | 3881 | 3889 | 3900 | rVB | 3211453 | 9190988 | 36.20% | 3.627% |
| 56 | 29.718 | 4543 | 4553 | 4561 | rBV7 | 2070730 | 8328474 | 32.80% | 3.287% |
| 57 | 30.771 | 4726 | 4732 | 4734 | rBV | 1071609 | 2217771 | 8.73% | 0.875% |

Sum of corrected areas: 253395179

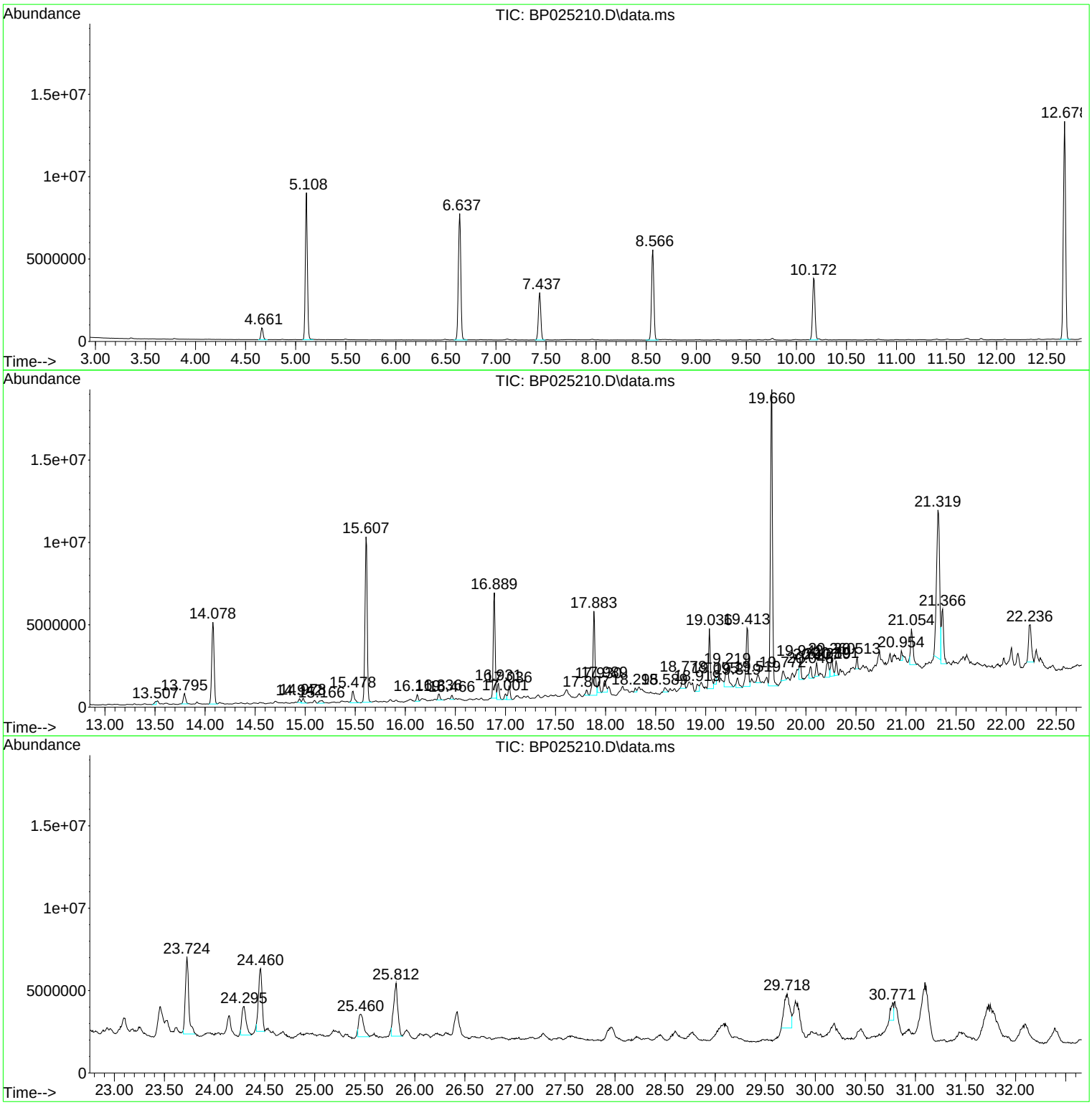
Sample Results: **BP025210.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-41-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-07 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 82 |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025211.D | 1 | 07/21/25 09:30 | 07/22/25 12:32 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.16 | U | 0.028 | 0.16 | 0.21 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.12 | J | 0.035 | 0.16 | 0.21 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.16 | U | 0.026 | 0.16 | 0.21 | mg/Kg |
| 86-73-7 | Fluorene | 0.16 | U | 0.031 | 0.16 | 0.21 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.12 | J | 0.026 | 0.16 | 0.21 | mg/Kg |
| 120-12-7 | Anthracene | 0.16 | U | 0.041 | 0.16 | 0.21 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.31 | | 0.037 | 0.16 | 0.21 | mg/Kg |
| 129-00-0 | Pyrene | 0.41 | | 0.044 | 0.16 | 0.21 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.27 | | 0.028 | 0.16 | 0.21 | mg/Kg |
| 218-01-9 | Chrysene | 0.32 | | 0.024 | 0.16 | 0.21 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.34 | | 0.023 | 0.16 | 0.21 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.13 | J | 0.027 | 0.16 | 0.21 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.32 | | 0.036 | 0.16 | 0.21 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.17 | J | 0.036 | 0.16 | 0.21 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.16 | U | 0.033 | 0.16 | 0.21 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.22 | | 0.031 | 0.16 | 0.21 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 53.9 | | 37 - 122 | | 54% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 54.5 | | 44 - 115 | | 54% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 55.1 | | 54 - 127 | | 55% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 882000 | 7.431 | | | | |
| 1146-65-2 | Naphthalene-d8 | 3360000 | 10.178 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 2010000 | 14.078 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3660000 | 16.907 | | | | |
| 1719-03-5 | Chrysene-d12 | 3520000 | 21.336 | | | | |
| 1520-96-3 | Perylene-d12 | 4080000 | 24.454 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-41-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-07 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 82 |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025211.D | 1 | 07/21/25 09:30 | 07/22/25 12:32 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 881585 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 3356745 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 2011979 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 3659937 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.336 | 240 | 3519090 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.454 | 264 | 4080535 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 4289251 | 82.207 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 5256369 | 81.340 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 3257079 | 53.923 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 2459070 | 82.906 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7771013 | 54.452 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 9829821 | 55.140 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.789 | 152 | 540680 | 2.936 | ng | | 100 |
| 71) Phenanthrene | 16.948 | 178 | 582814 | 2.952 | ng | | 99 |
| 75) Fluoranthene | 19.054 | 202 | 1781552 | 7.669 | ng | | 100 |
| 78) Pyrene | 19.430 | 202 | 2183157 | 10.061 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.318 | 228 | 1477913m | 6.650 | ng | | |
| 83) Chrysene | 21.383 | 228 | 1644272 | 7.926 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.977 | 276 | 1268094 | 4.253 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 1967135 | 8.422 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.536 | 252 | 726165m | 3.149 | ng | | |
| 90) Benzo(a)pyrene | 24.307 | 252 | 1768051 | 7.758 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.071 | 276 | 1271085 | 5.316 | ng | | 96 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

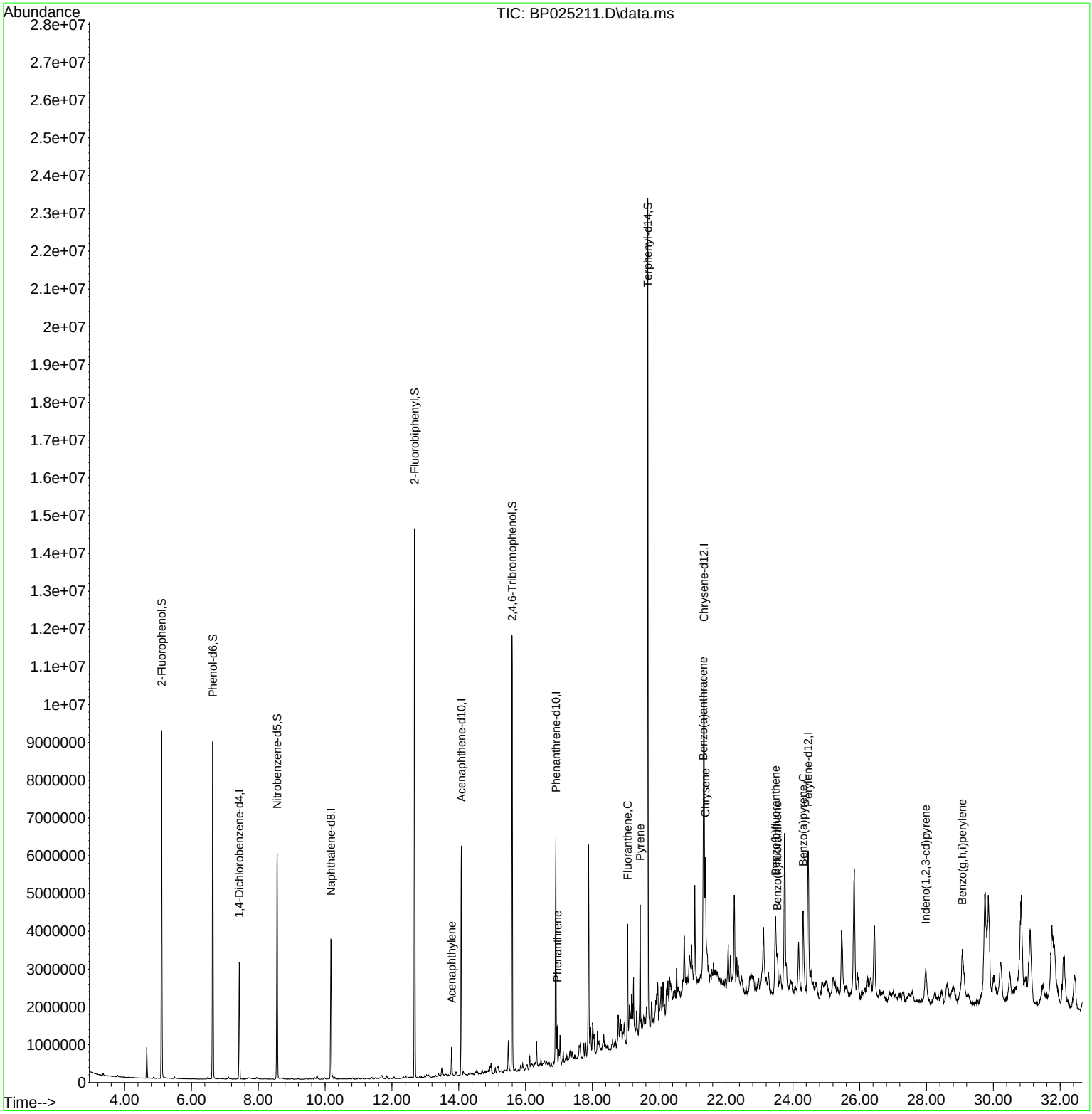
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

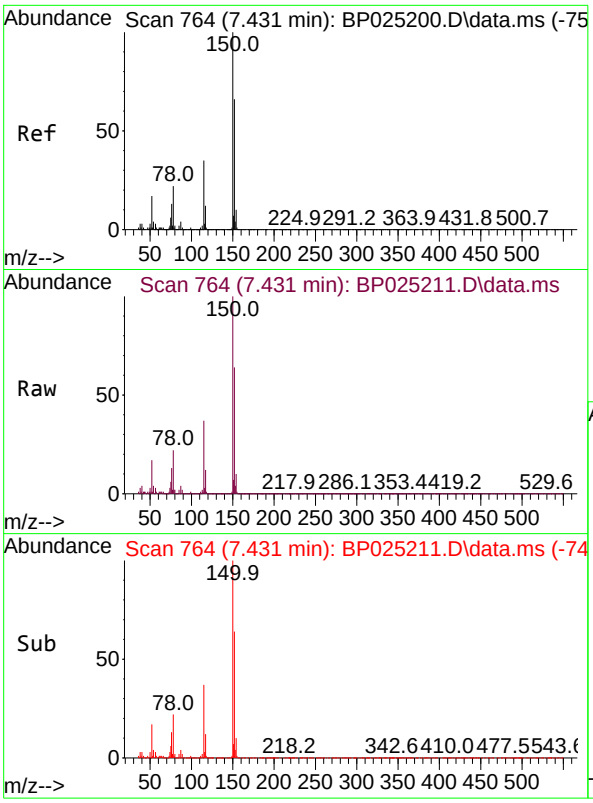
Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

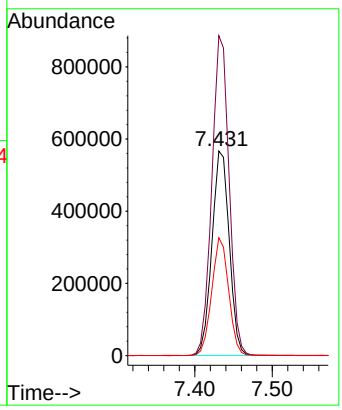





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7(
Delta R.T. -0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:152 Resp: 88158

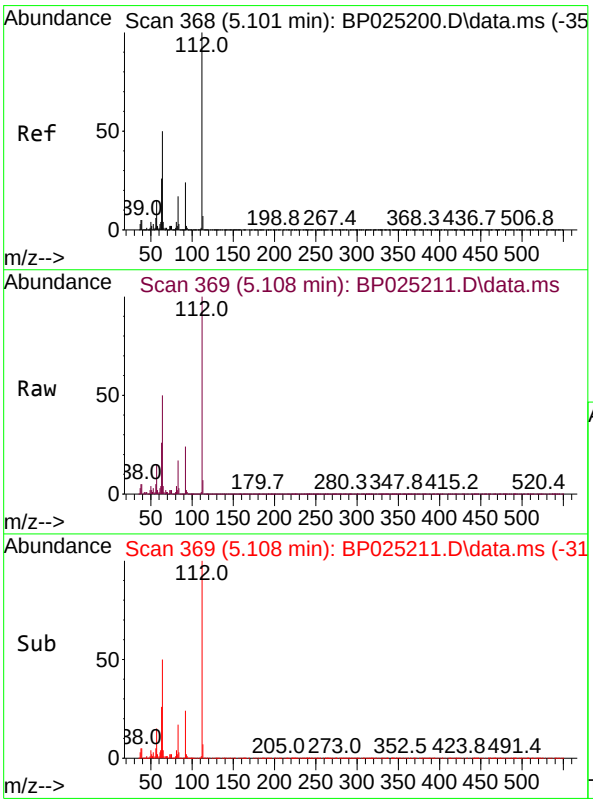
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 121.9 | 182.9 |
| 115 | 57.6 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

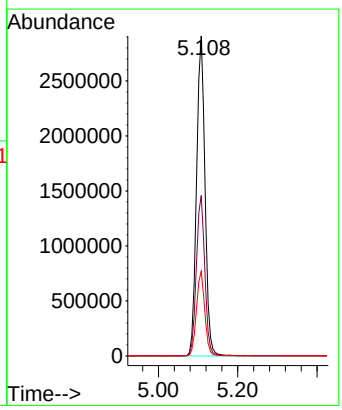
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

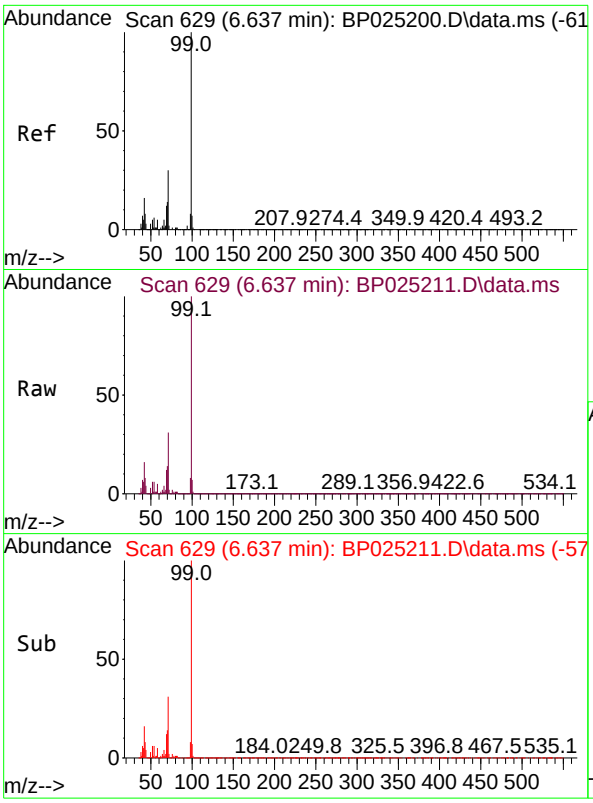



#5
2-Fluorophenol
Concen: 82.207 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:112 Resp: 4289251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.1 | 39.8 | 59.6 |
| 63 | 26.4 | 20.5 | 30.7 |

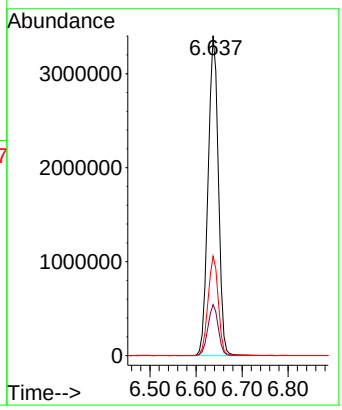





#7
Phenol-d6
Concen: 81.340 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion: 99 Resp: 525636

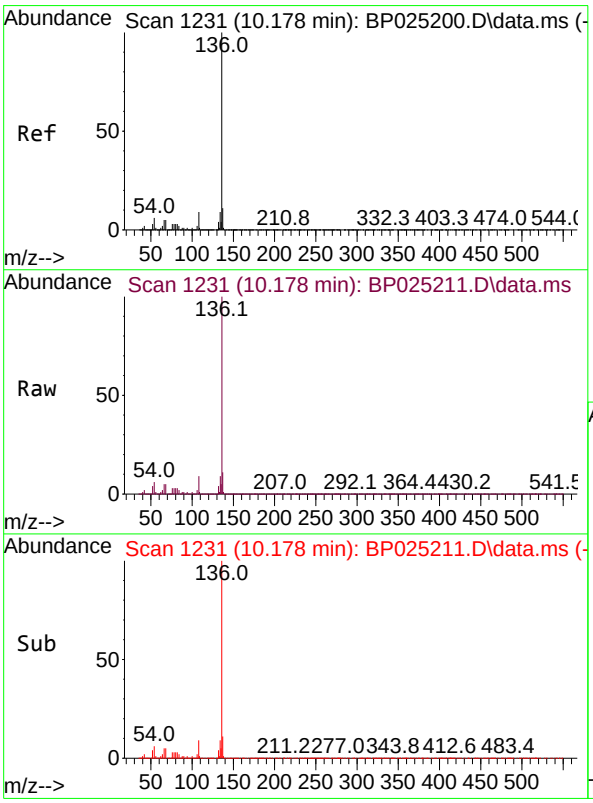
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 12.5 | 18.7 |
| 71 | 31.1 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

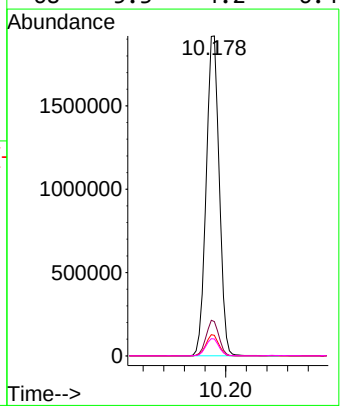
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

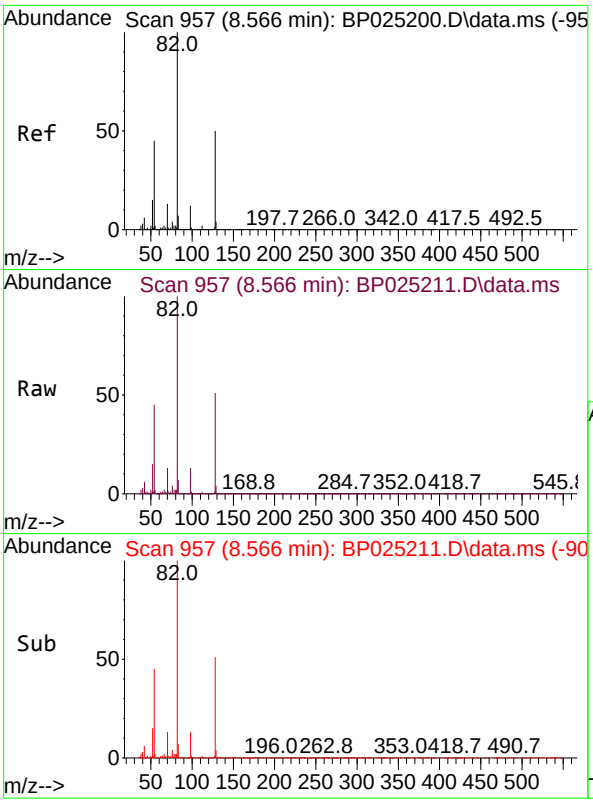



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:136 Resp: 3356745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |

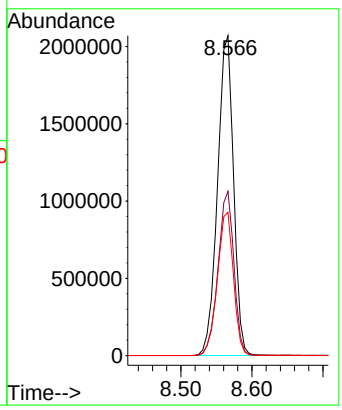





#23
Nitrobenzene-d5
Concen: 53.923 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion: 82 Resp: 3257079

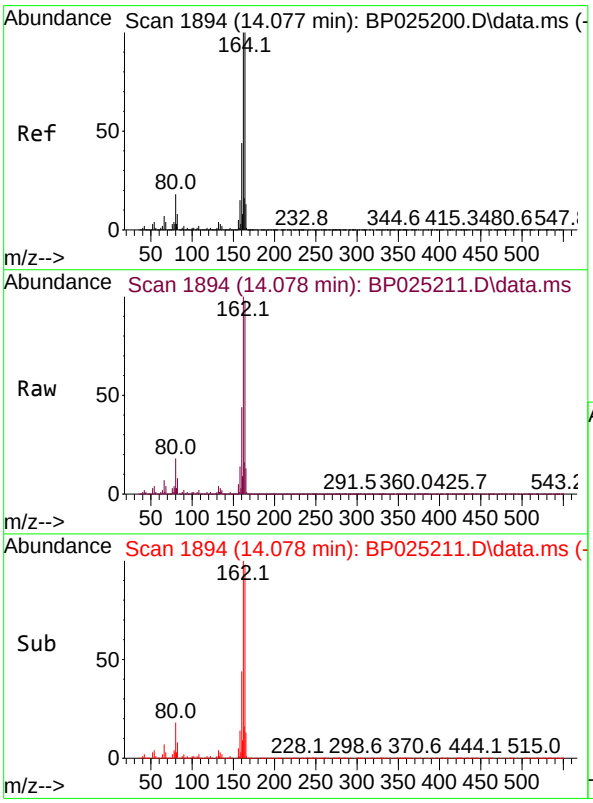
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.3 | 40.2 | 60.4 |
| 54 | 44.8 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations**
**APPROVED**

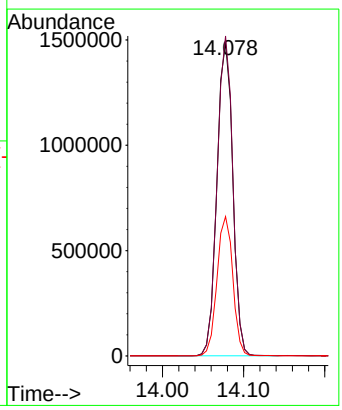
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

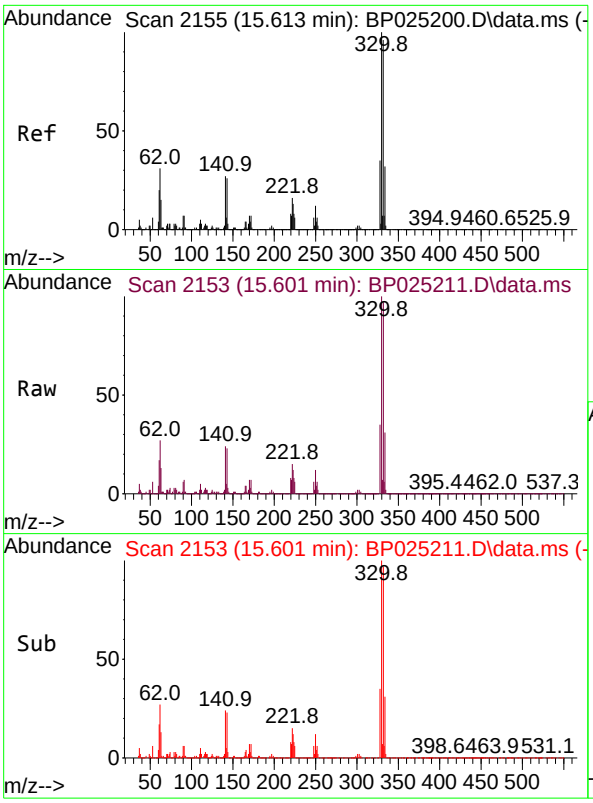



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:164 Resp: 2011979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 80.3 | 120.5 |
| 160 | 44.5 | 35.7 | 53.5 |

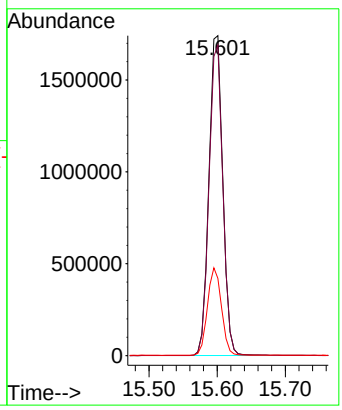





#42
2,4,6-Tribromophenol
Concen: 82.906 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

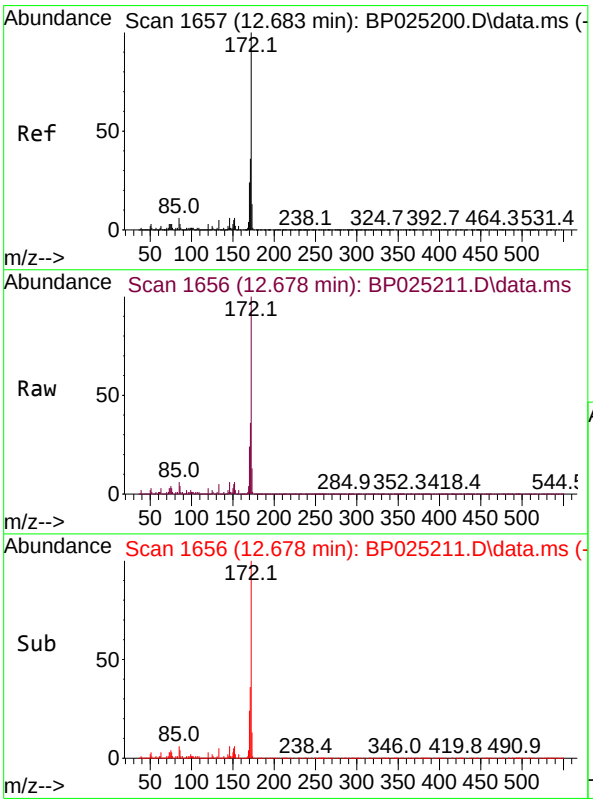
Tgt Ion:330 Resp: 245907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 27.4 | 22.4 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

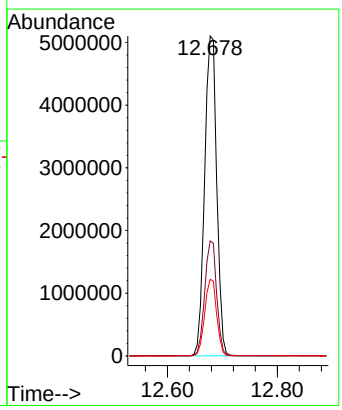
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

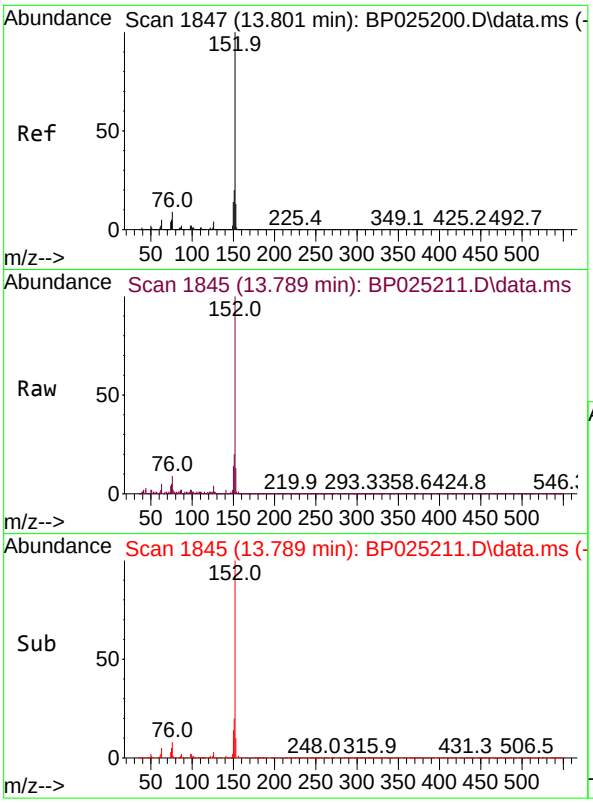



#45
2-Fluorobiphenyl
Concen: 54.452 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:172 Resp: 7771013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.8 | 43.2 |
| 170 | 23.9 | 19.2 | 28.8 |

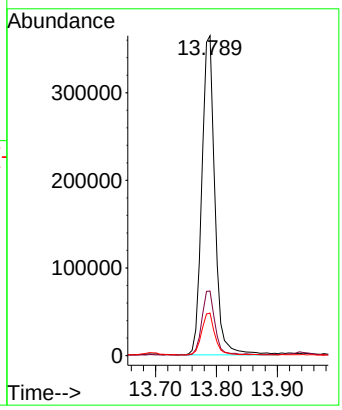





#49
Acenaphthylene
Concen: 2.936 ng
RT: 13.789 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

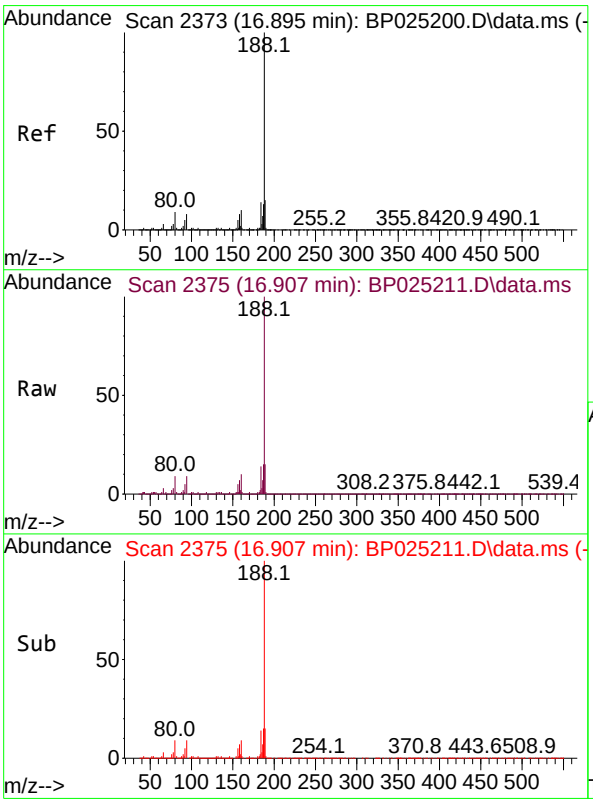
Tgt Ion:152 Resp: 540680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

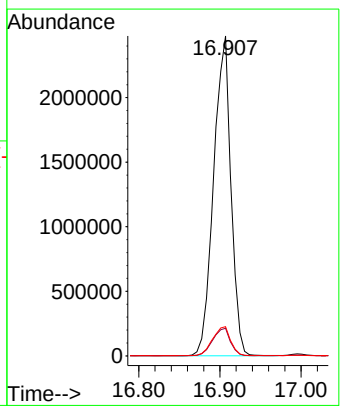
**Manual Integrations**
**APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

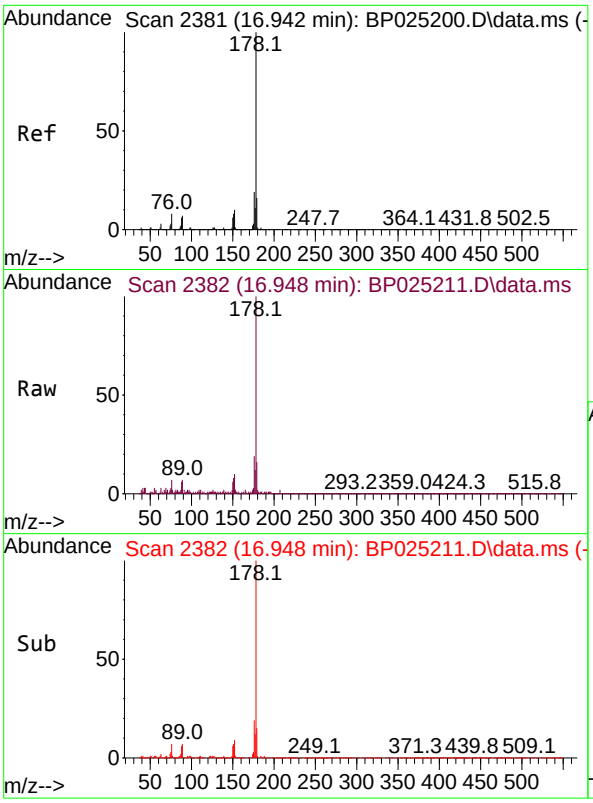



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:188 Resp: 3659937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 6.8 | 10.2 |
| 80 | 9.1 | 7.3 | 10.9 |

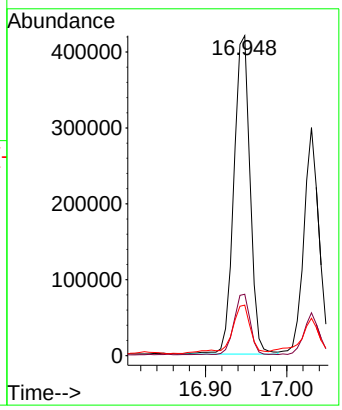





#71
Phenanthrene
Concen: 2.952 ng
RT: 16.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:178 Resp: 58281

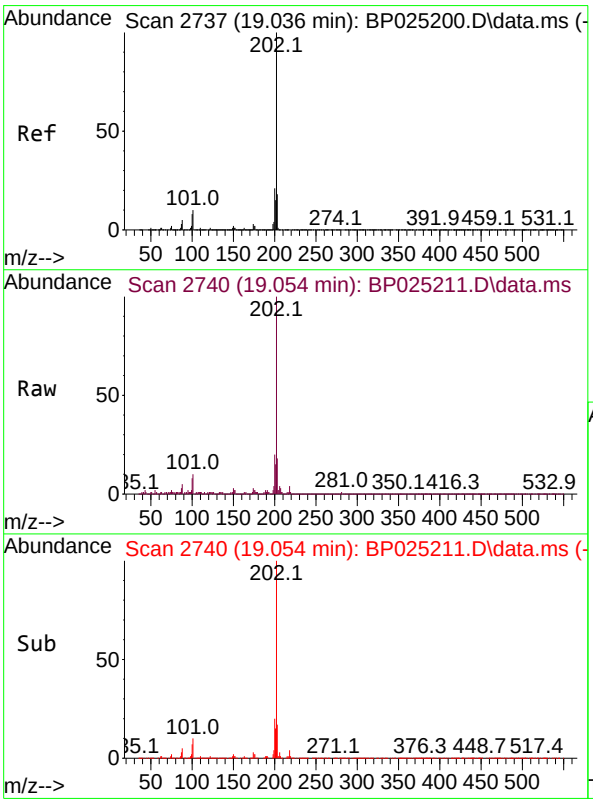
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.6 | 23.4 |
| 179 | 15.8 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

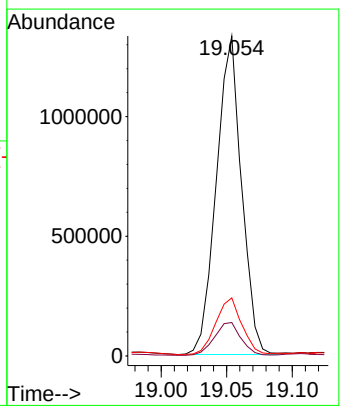
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

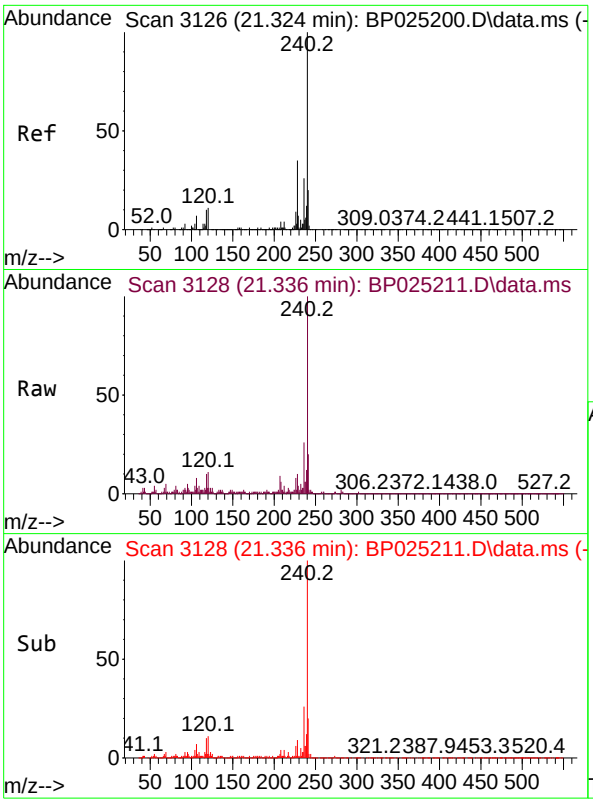



#75
Fluoranthene
Concen: 7.669 ng
RT: 19.054 min Scan# 2740
Delta R.T. 0.018 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 1781552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.4 | 0.0 | 30.3 |
| 203 | 18.1 | 0.0 | 38.0 |

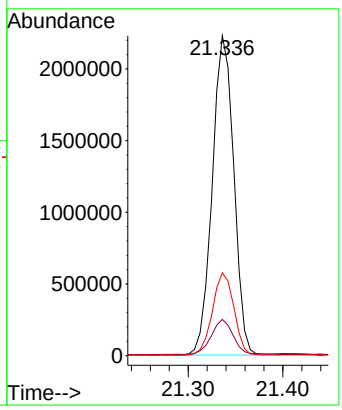





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:240 Resp: 351909

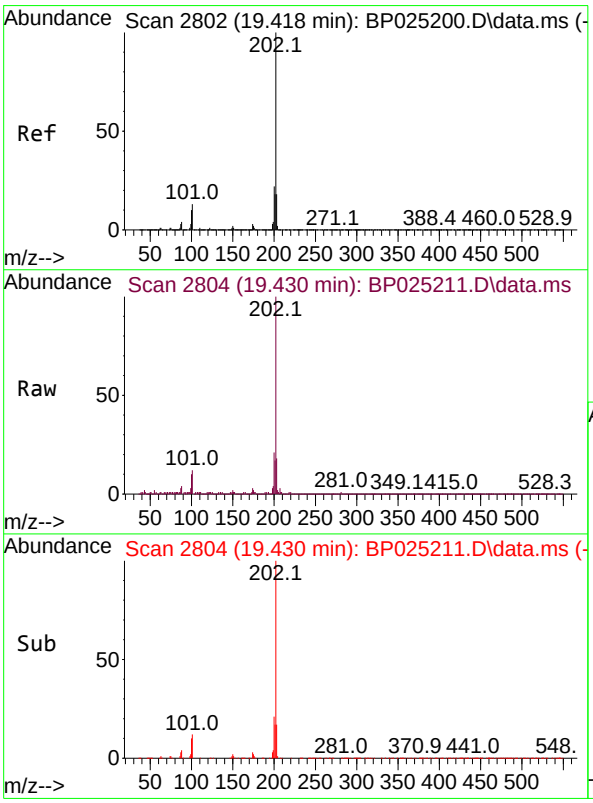
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

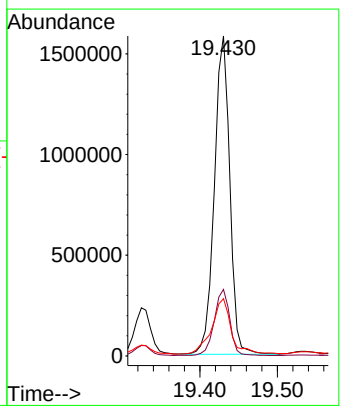
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

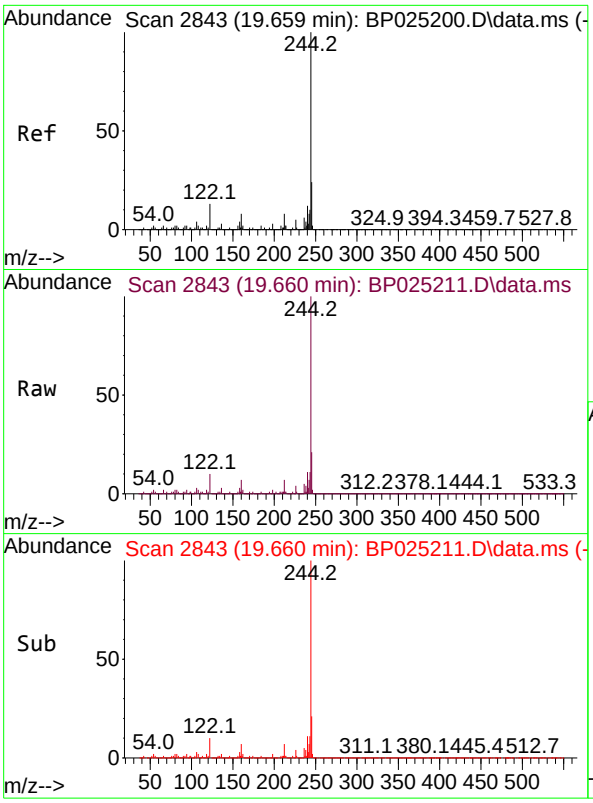



#78
Pyrene
Concen: 10.061 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 2183157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |

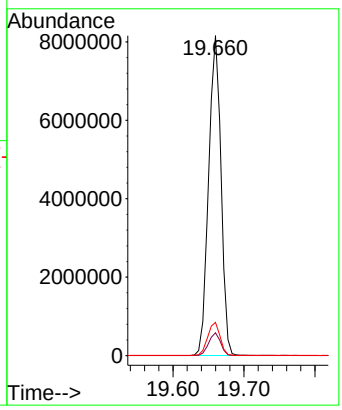





#79
Terphenyl-d14
Concen: 55.140 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:244 Resp: 982982

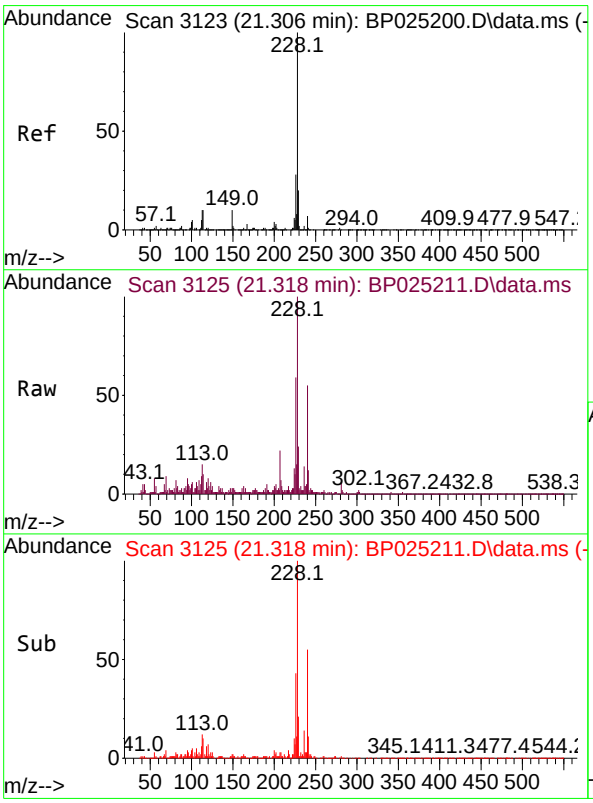
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.6 | 9.8 |
| 122 | 10.4 | 10.3 | 15.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

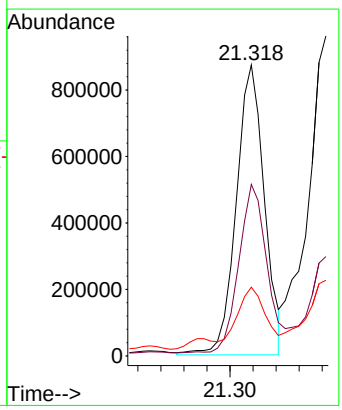
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

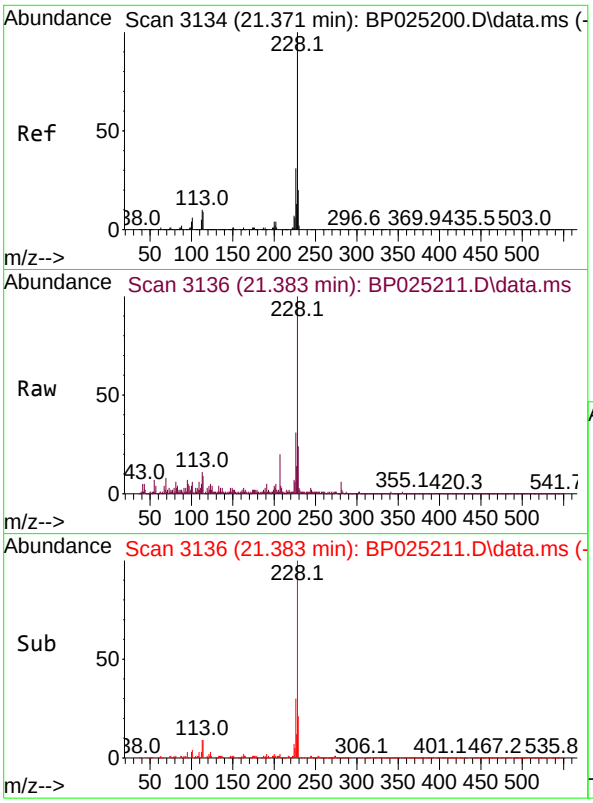



#81
Benzo(a)anthracene
Concen: 6.650 ng m
RT: 21.318 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 1477913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 58.9 | 22.3 | 33.5# |
| 229 | 23.6 | 16.2 | 24.2 |

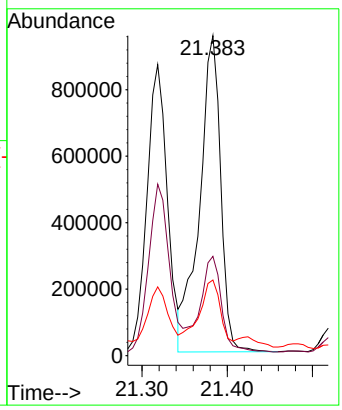





#83
Chrysene
Concen: 7.926 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 164427

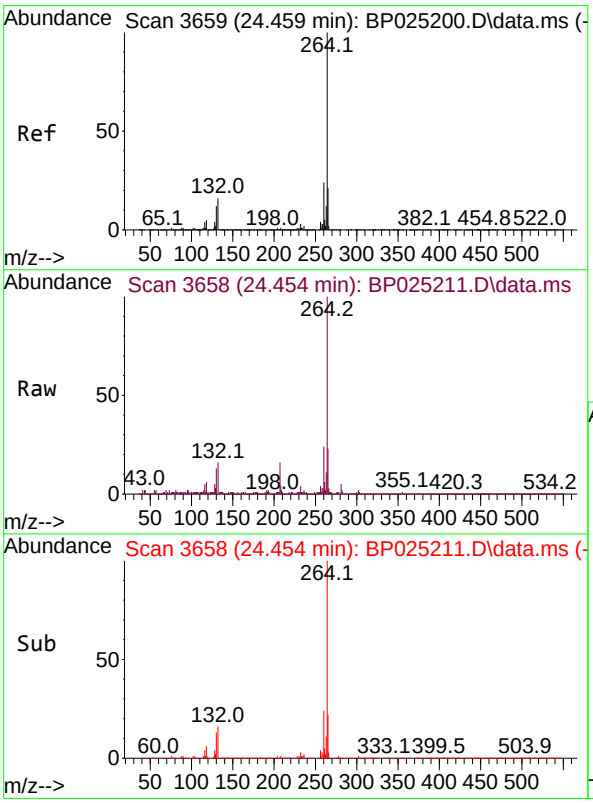
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.6 | 37.0 |
| 229 | 23.7 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations APPROVED**

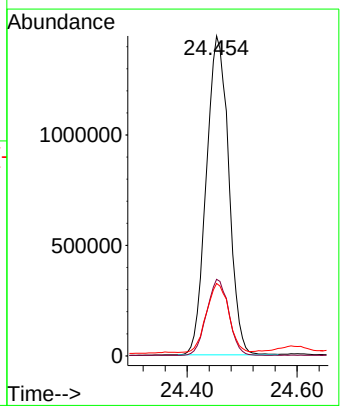
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

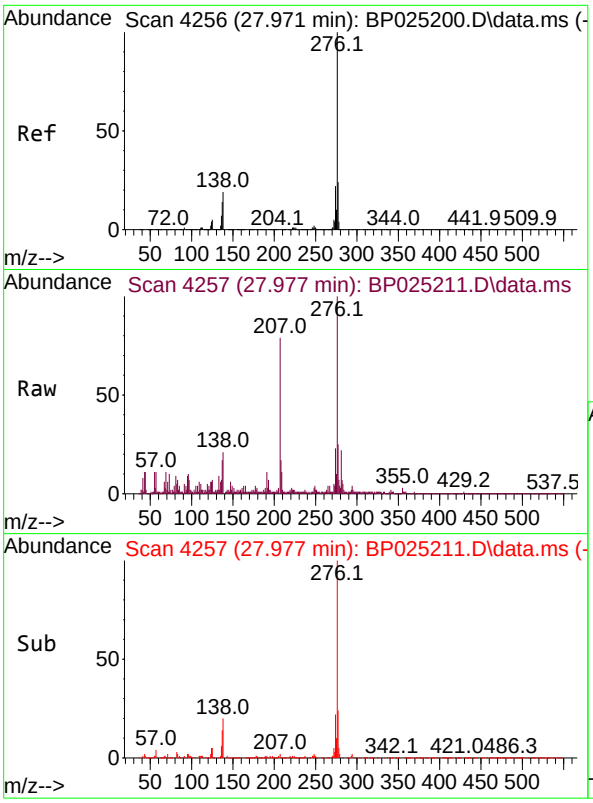



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:264 Resp: 4080535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.0 | 28.6 |
| 265 | 22.6 | 17.5 | 26.3 |

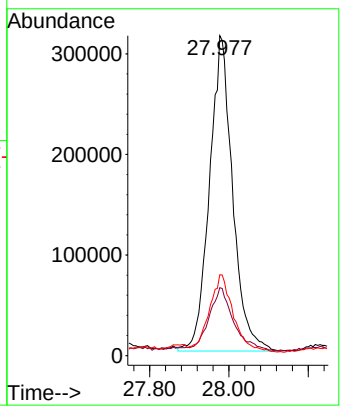





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.253 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

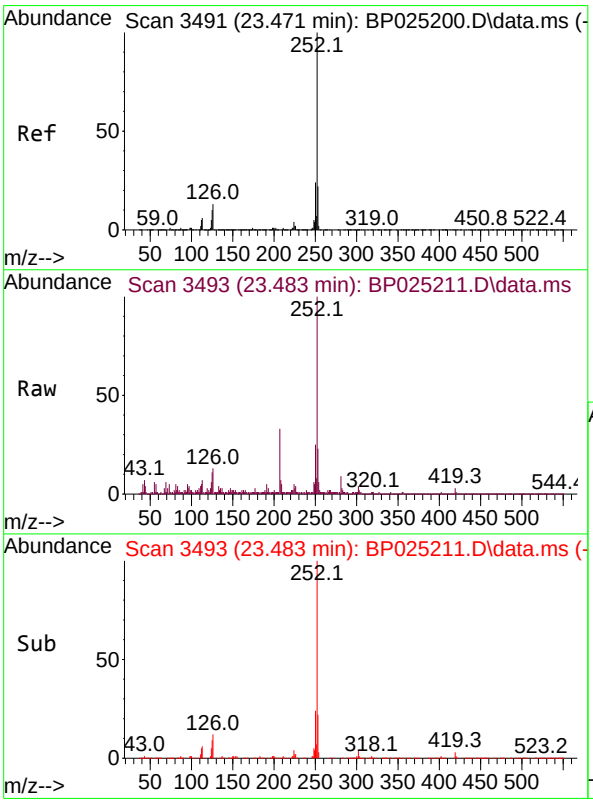
Tgt Ion:276 Resp: 126809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 12.8 | 19.2 |
| 277 | 25.6 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

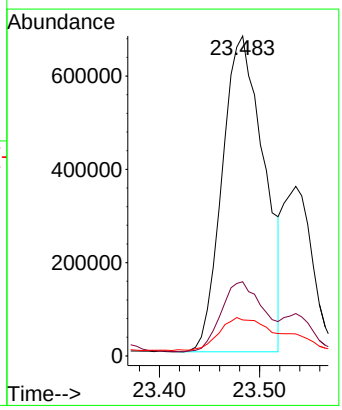
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

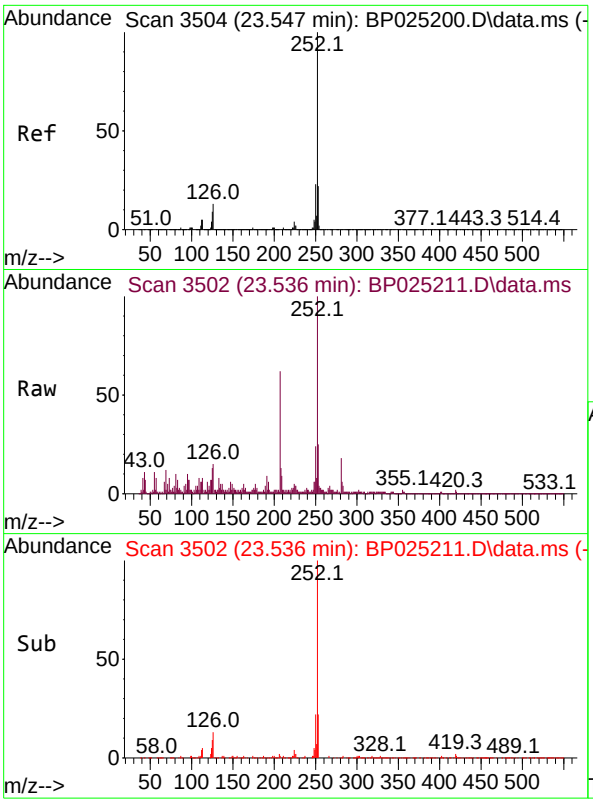



#88
Benzo(b)fluoranthene
Concen: 8.422 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1967135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 11.2 | 7.8 | 11.8 |

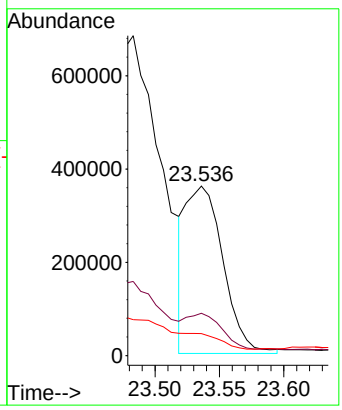





#89
Benzo(k)fluoranthene
Concen: 3.149 ng m
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 72616

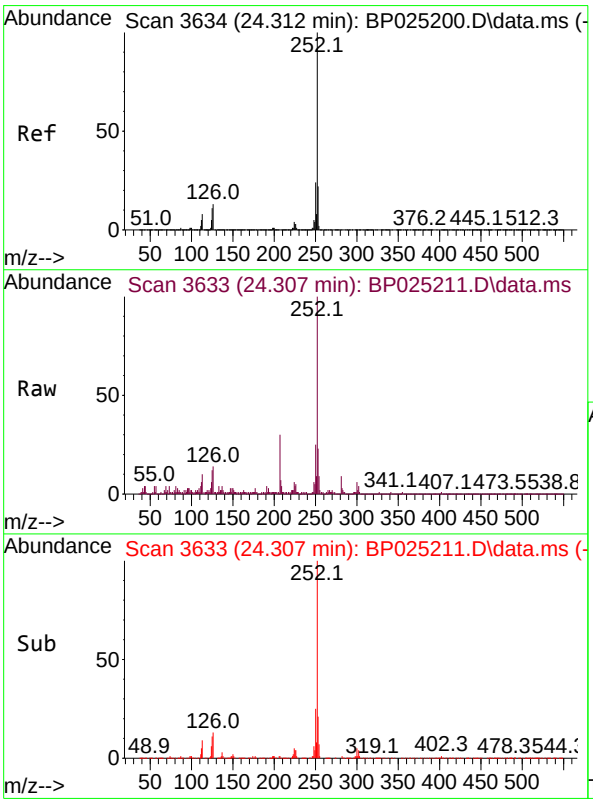
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 17.8 | 26.6 |
| 125 | 12.9 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations**
**APPROVED**

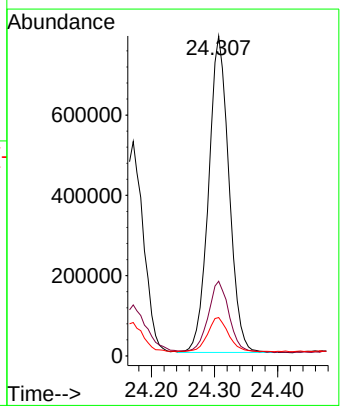
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

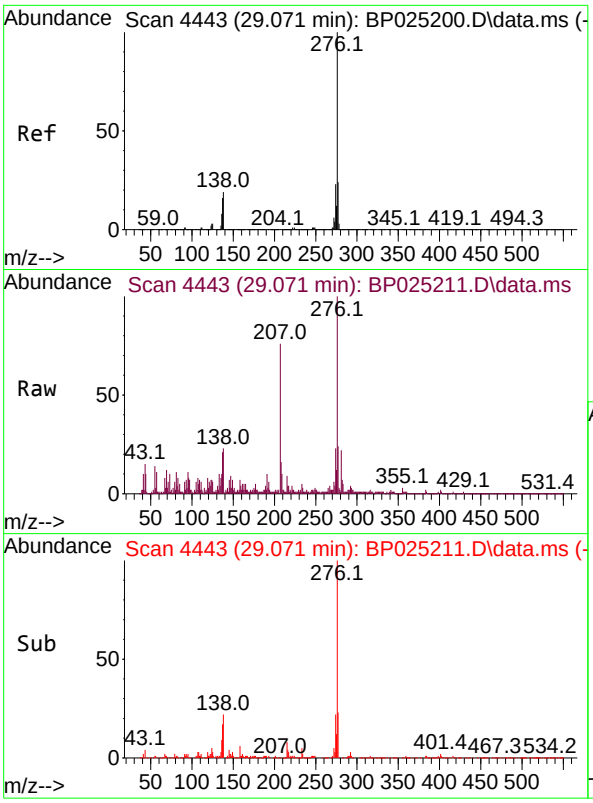



#90
Benzo(a)pyrene
Concen: 7.758 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1768051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.8 | 26.6 |
| 125 | 12.0 | 8.6 | 12.8 |

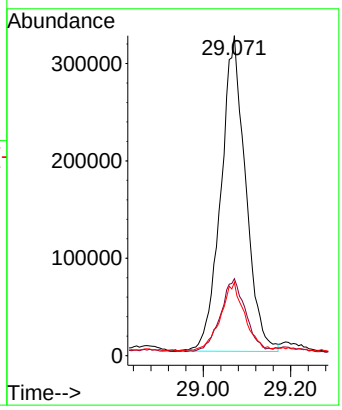





#92
Benzo(g,h,i)perylene
Concen: 5.316 ng
RT: 29.071 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:276 Resp: 127108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.2 | 28.8 |
| 138 | 22.9 | 15.4 | 23.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025211.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.661 | 288 | 293 | 303 | rVB | 818118 | 1172817 | 4.30% | 0.467% |
| 2 | 5.108 | 362 | 369 | 380 | rBV | 9208564 | 13521895 | 49.58% | 5.384% |
| 3 | 6.637 | 620 | 629 | 643 | rBV | 8929354 | 13958574 | 51.18% | 5.558% |
| 4 | 7.431 | 757 | 764 | 775 | rVB | 3098777 | 4770951 | 17.49% | 1.900% |
| 5 | 8.566 | 943 | 957 | 969 | rBV | 5981604 | 9520340 | 34.90% | 3.791% |
| 6 | 10.172 | 1223 | 1230 | 1237 | rBV | 3688298 | 6457931 | 23.68% | 2.572% |
| 7 | 12.678 | 1650 | 1656 | 1667 | rBV | 14530951 | 21662157 | 79.42% | 8.626% |
| 8 | 13.489 | 1789 | 1794 | 1797 | rBV2 | 193714 | 373628 | 1.37% | 0.149% |
| 9 | 13.789 | 1840 | 1845 | 1853 | rVB | 733590 | 1074146 | 3.94% | 0.428% |
| 10 | 14.078 | 1887 | 1894 | 1900 | rBV | 6076369 | 8275664 | 30.34% | 3.295% |
| 11 | 14.966 | 2043 | 2045 | 2049 | rVB | 244310 | 282557 | 1.04% | 0.113% |
| 12 | 15.483 | 2128 | 2133 | 2142 | rVB | 812939 | 1303549 | 4.78% | 0.519% |
| 13 | 15.595 | 2146 | 2152 | 2162 | rVB | 11513543 | 16468536 | 60.38% | 6.558% |
| 14 | 15.913 | 2203 | 2206 | 2216 | rVB6 | 169201 | 314771 | 1.15% | 0.125% |
| 15 | 16.125 | 2237 | 2242 | 2246 | rBV2 | 351432 | 560474 | 2.05% | 0.223% |
| 16 | 16.325 | 2273 | 2276 | 2283 | rVB3 | 621063 | 842038 | 3.09% | 0.335% |
| 17 | 16.907 | 2368 | 2375 | 2379 | rBV | 5936103 | 8761651 | 32.12% | 3.489% |
| 18 | 16.948 | 2379 | 2382 | 2386 | rVV | 949758 | 1161102 | 4.26% | 0.462% |
| 19 | 16.995 | 2386 | 2390 | 2392 | rVV | 370684 | 457943 | 1.68% | 0.182% |
| 20 | 17.030 | 2393 | 2396 | 2403 | rVB | 778829 | 1169506 | 4.29% | 0.466% |
| 21 | 17.125 | 2409 | 2412 | 2417 | rVB2 | 284197 | 388290 | 1.42% | 0.155% |
| 22 | 17.601 | 2490 | 2493 | 2495 | rBV4 | 261946 | 339662 | 1.25% | 0.135% |
| 23 | 17.742 | 2514 | 2517 | 2522 | rVB | 346053 | 459595 | 1.69% | 0.183% |
| 24 | 17.795 | 2523 | 2526 | 2532 | rVB2 | 358270 | 505665 | 1.85% | 0.201% |
| 25 | 17.883 | 2532 | 2541 | 2548 | rBV2 | 5598733 | 9160251 | 33.58% | 3.648% |
| 26 | 17.942 | 2548 | 2551 | 2557 | rVB | 598137 | 965961 | 3.54% | 0.385% |
| 27 | 18.007 | 2558 | 2562 | 2567 | rBV2 | 703339 | 1351727 | 4.96% | 0.538% |
| 28 | 18.154 | 2584 | 2587 | 2590 | rBV3 | 408898 | 487153 | 1.79% | 0.194% |
| 29 | 18.336 | 2616 | 2618 | 2622 | rVB | 344154 | 381651 | 1.40% | 0.152% |
| 30 | 18.772 | 2688 | 2692 | 2698 | rBV2 | 701731 | 1315269 | 4.82% | 0.524% |
| 31 | 18.836 | 2699 | 2703 | 2706 | rVV2 | 396486 | 610239 | 2.24% | 0.243% |
| 32 | 19.054 | 2735 | 2740 | 2744 | rBV | 3128929 | 4412301 | 16.18% | 1.757% |
| 33 | 19.107 | 2746 | 2749 | 2756 | rVV4 | 611680 | 1440718 | 5.28% | 0.574% |
| 34 | 19.172 | 2758 | 2760 | 2762 | rBV2 | 593753 | 506819 | 1.86% | 0.202% |
| 35 | 19.230 | 2767 | 2770 | 2775 | rVB | 1281255 | 1504933 | 5.52% | 0.599% |
| 36 | 19.324 | 2783 | 2786 | 2794 | rVB | 643840 | 1054129 | 3.86% | 0.420% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.430 | 2796 | 2804 | 2808 | rBV | 3359213 | 5085149 | 18.64% | 2.025% |
| 38 | 19.660 | 2838 | 2843 | 2854 | rVB | 21923984 | 27275056 | 100.00% | 10.861% |
| 39 | 19.771 | 2859 | 2862 | 2867 | rVB3 | 557555 | 937049 | 3.44% | 0.373% |
| 40 | 20.113 | 2918 | 2920 | 2926 | rVB | 660653 | 729972 | 2.68% | 0.291% |
| 41 | 20.519 | 2986 | 2989 | 2995 | rBV | 713528 | 1082107 | 3.97% | 0.431% |
| 42 | 20.748 | 3025 | 3028 | 3034 | rVB2 | 1252126 | 2064047 | 7.57% | 0.822% |
| 43 | 21.066 | 3078 | 3082 | 3089 | rVB2 | 2468421 | 3416131 | 12.52% | 1.360% |
| 44 | 21.336 | 3121 | 3128 | 3133 | rBV3 | 7611710 | 16471017 | 60.39% | 6.559% |
| 45 | 21.377 | 3133 | 3135 | 3150 | rVB | 3050136 | 6565433 | 24.07% | 2.614% |
| 46 | 22.248 | 3278 | 3283 | 3290 | rVB3 | 2278123 | 4688997 | 17.19% | 1.867% |
| 47 | 23.477 | 3486 | 3492 | 3499 | rBV | 1689150 | 4821714 | 17.68% | 1.920% |
| 48 | 23.754 | 3534 | 3539 | 3545 | rVB | 3512041 | 6923398 | 25.38% | 2.757% |
| 49 | 24.307 | 3627 | 3633 | 3646 | rVB | 2110963 | 5665655 | 20.77% | 2.256% |
| 50 | 24.454 | 3651 | 3658 | 3668 | rVV | 3441867 | 9636063 | 35.33% | 3.837% |
| 51 | 25.459 | 3825 | 3829 | 3845 | rVB2 | 1591360 | 4671206 | 17.13% | 1.860% |
| 52 | 25.836 | 3885 | 3893 | 3903 | rVB | 3194169 | 9040601 | 33.15% | 3.600% |
| 53 | 26.436 | 3990 | 3995 | 4006 | rVB | 1811328 | 5060192 | 18.55% | 2.015% |

Sum of corrected areas: 251128380

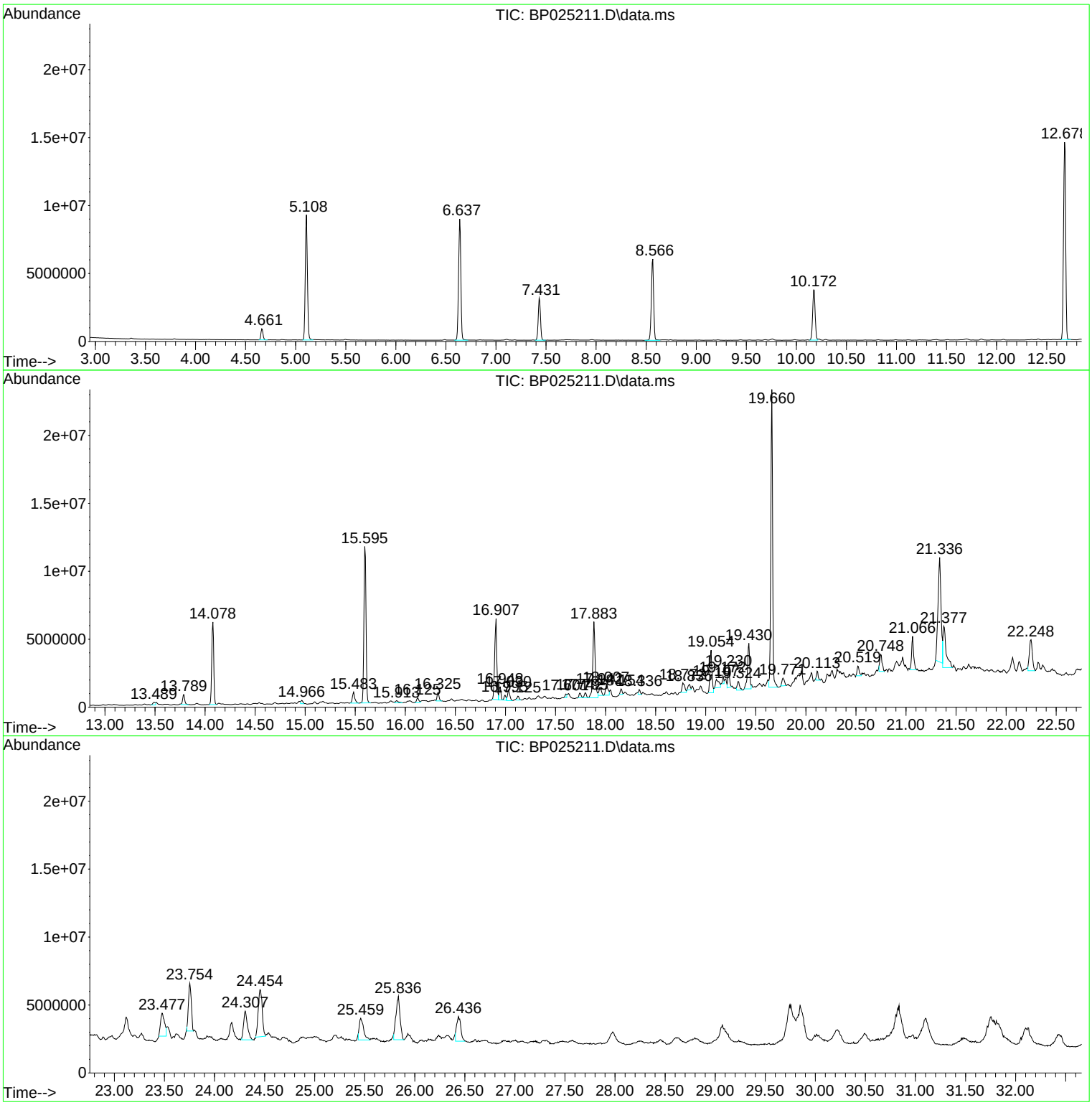
Sample Results: **BP025211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-42-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-09 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 60.3 |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025212.D | 1 | 07/21/25 09:30 | 07/22/25 13:14 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.22 | U | 0.038 | 0.22 | 0.28 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.22 | U | 0.042 | 0.22 | 0.28 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.22 | U | 0.048 | 0.22 | 0.28 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.22 | U | 0.035 | 0.22 | 0.28 | mg/Kg |
| 86-73-7 | Fluorene | 0.22 | U | 0.042 | 0.22 | 0.28 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.22 | U | 0.035 | 0.22 | 0.28 | mg/Kg |
| 120-12-7 | Anthracene | 0.22 | U | 0.055 | 0.22 | 0.28 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.22 | U | 0.050 | 0.22 | 0.28 | mg/Kg |
| 129-00-0 | Pyrene | 0.22 | U | 0.060 | 0.22 | 0.28 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.22 | U | 0.038 | 0.22 | 0.28 | mg/Kg |
| 218-01-9 | Chrysene | 0.22 | U | 0.033 | 0.22 | 0.28 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.12 | J | 0.031 | 0.22 | 0.28 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.22 | U | 0.037 | 0.22 | 0.28 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.22 | U | 0.049 | 0.22 | 0.28 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.22 | U | 0.048 | 0.22 | 0.28 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.22 | U | 0.045 | 0.22 | 0.28 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.22 | U | 0.043 | 0.22 | 0.28 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 51.4 | | 37 - 122 | | 51% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 49.3 | | 44 - 115 | | 49% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 47.9 | * | 54 - 127 | | 48% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 905000 | 7.437 | | | | |
| 1146-65-2 | Naphthalene-d8 | 3460000 | 10.172 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 2060000 | 14.072 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3780000 | 16.895 | | | | |
| 1719-03-5 | Chrysene-d12 | 3550000 | 21.336 | | | | |
| 1520-96-3 | Perylene-d12 | 4180000 | 24.471 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-42-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-09 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 60.3 |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025212.D | 1 | 07/21/25 09:30 | 07/22/25 13:14 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

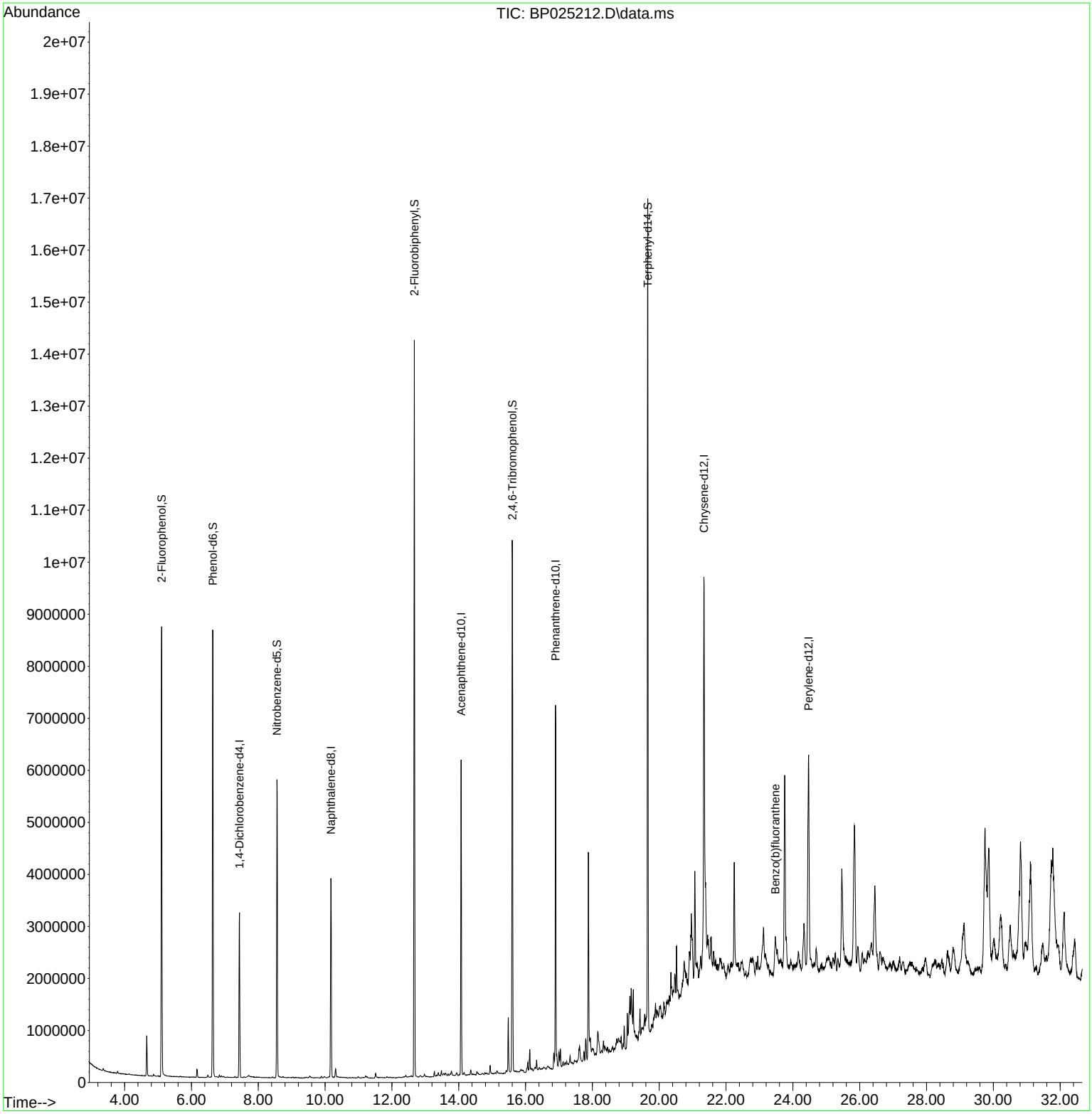
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 904868 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 3462898 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.072 | 164 | 2059504 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3779952 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 3553060 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.471 | 264 | 4178405 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 4145506 | 77.408 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 5100134 | 76.892 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 3201331 | 51.375 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2372489 | 78.141 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.672 | 172 | 7198737 | 49.278 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.660 | 244 | 8614502 | 47.861 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 88) Benzo(b)fluoranthene | 23.477 | 252 | 524002 | 2.191 | ng | # 95 |

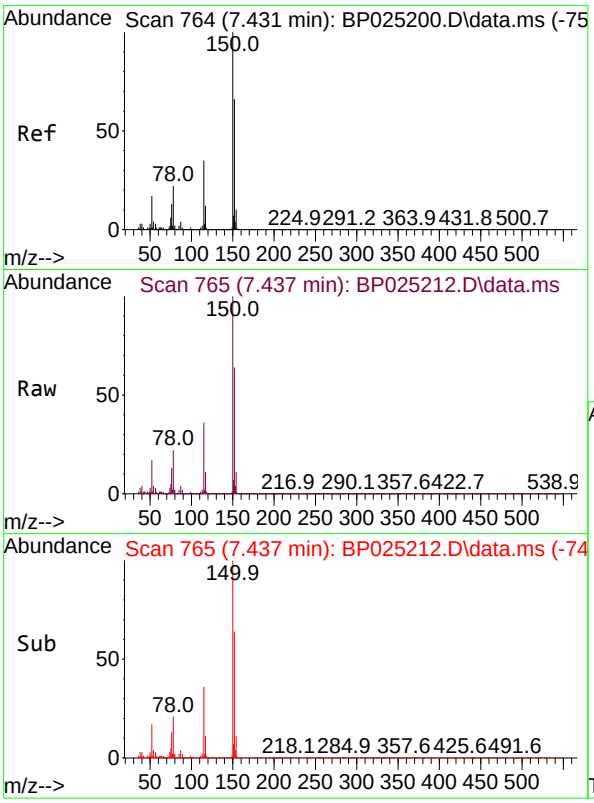
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



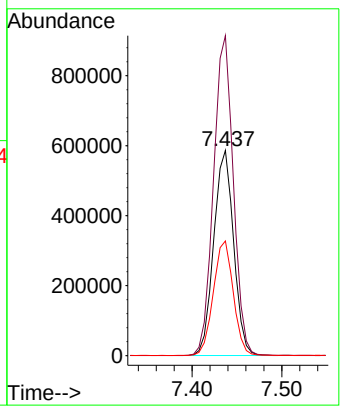


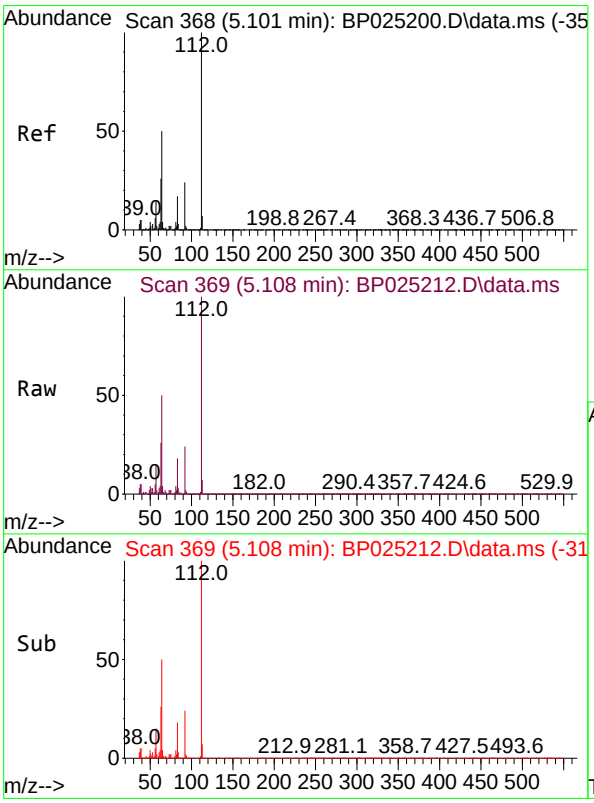

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion:152 Resp: 904868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 121.9 | 182.9 |
| 115 | 55.9 | 43.0 | 64.6 |

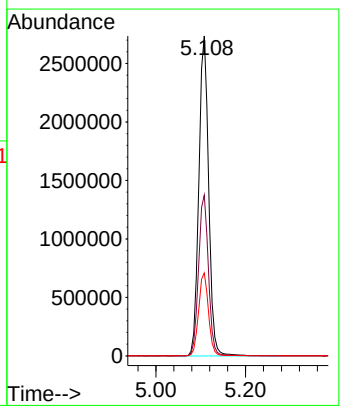


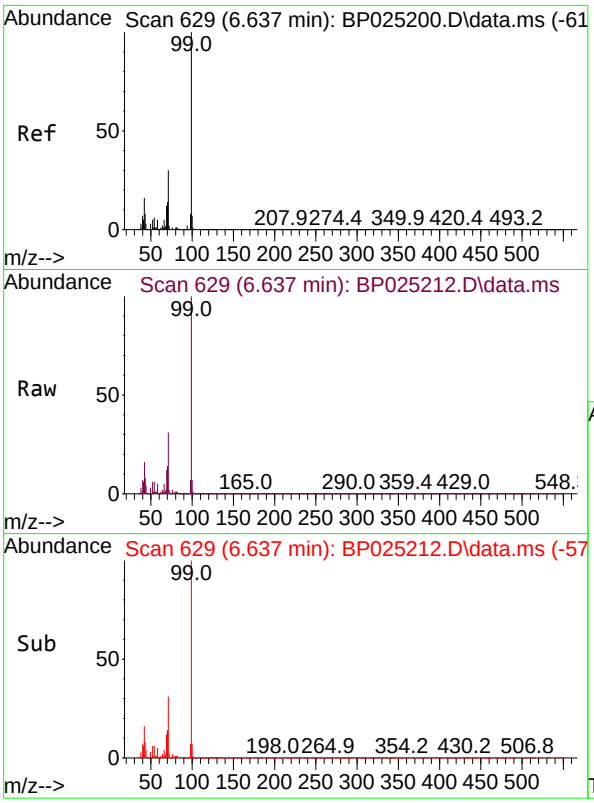




#5
2-Fluorophenol
Concen: 77.408 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:112 Resp: 4145506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 39.8 | 59.6 |
| 63 | 25.9 | 20.5 | 30.7 |



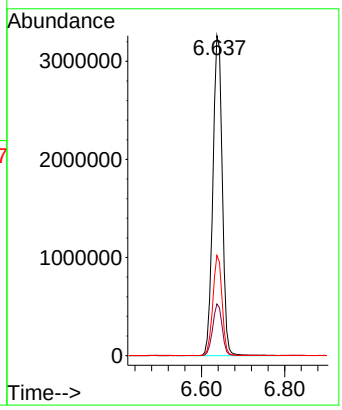


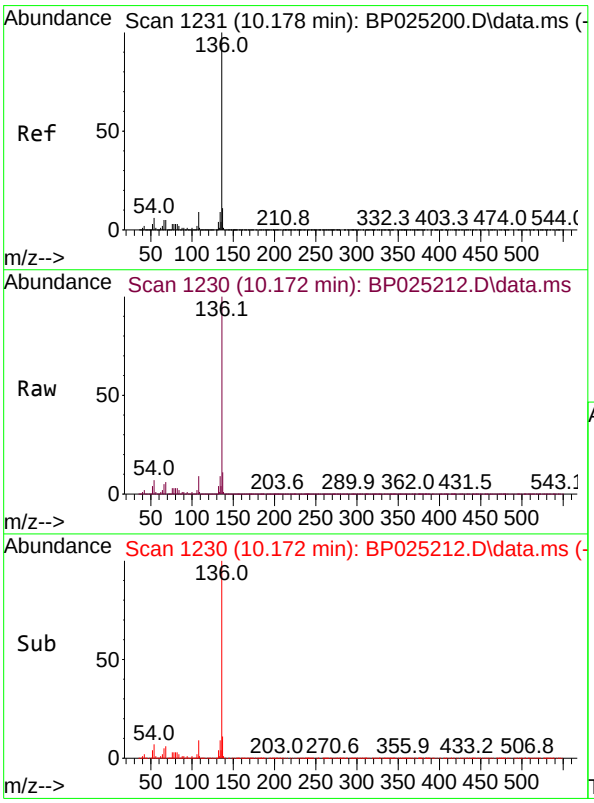

#7
Phenol-d6
Concen: 76.892 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion: 99 Resp: 5100134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.5 | 18.7 |
| 71 | 31.3 | 24.2 | 36.2 |

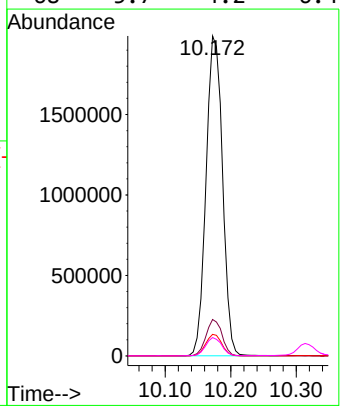


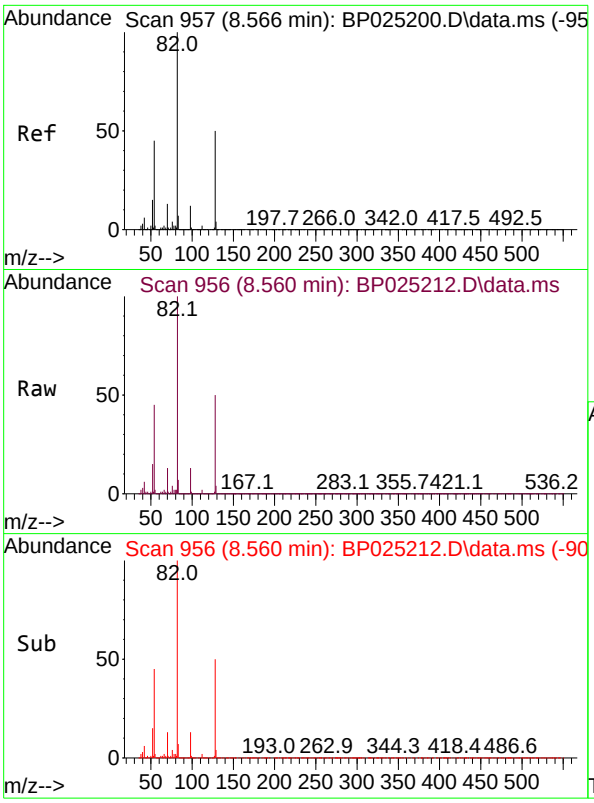




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:136 Resp: 3462898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.8 | 13.2 |
| 54 | 6.7 | 5.1 | 7.7 |
| 68 | 5.7 | 4.2 | 6.4 |



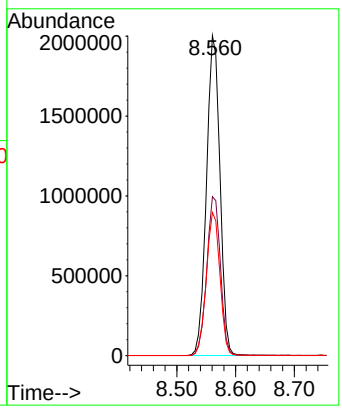


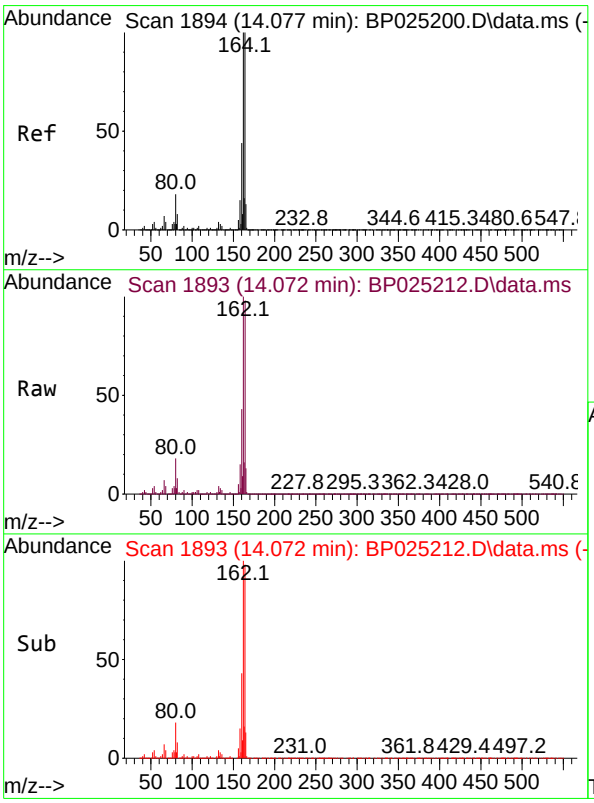

#23
Nitrobenzene-d5
Concen: 51.375 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion: 82 Resp: 3201331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.7 | 40.2 | 60.4 |
| 54 | 44.7 | 36.3 | 54.5 |

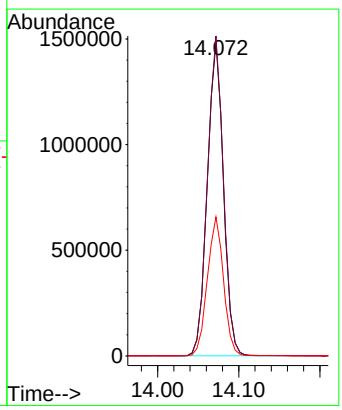


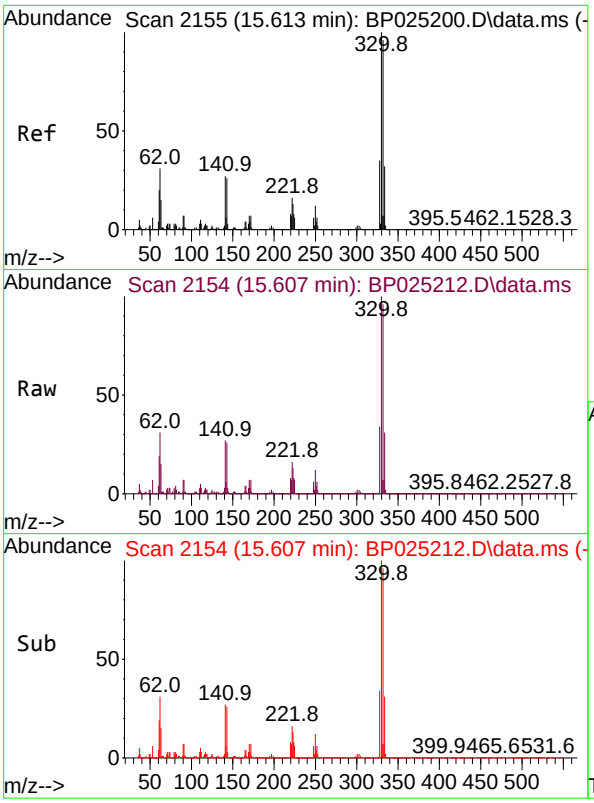




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:164 Resp: 2059504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 80.3 | 120.5 |
| 160 | 44.3 | 35.7 | 53.5 |



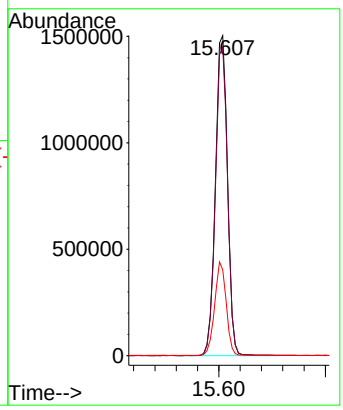


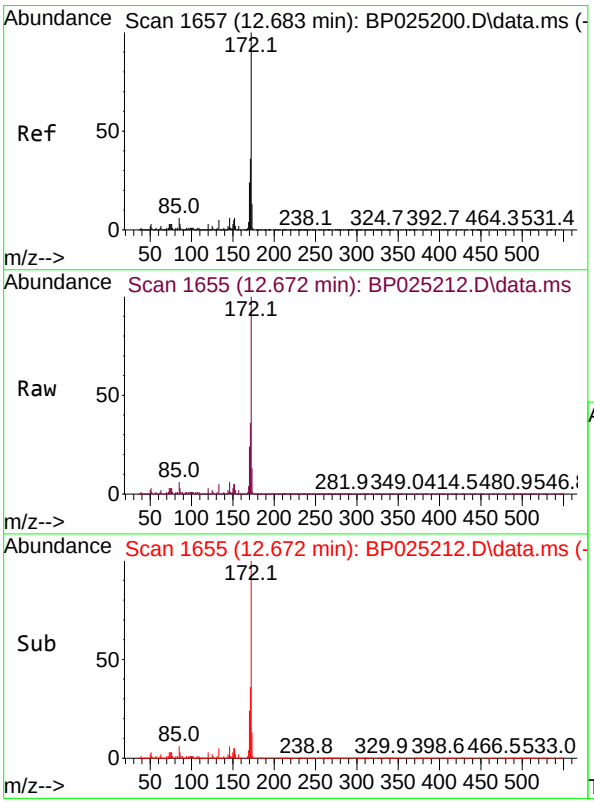

#42
2,4,6-Tribromophenol
Concen: 78.141 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion:330 Resp: 2372489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 27.9 | 22.4 | 33.6 |

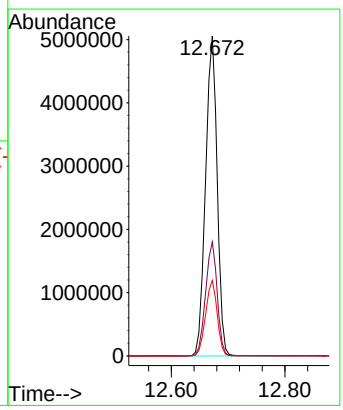


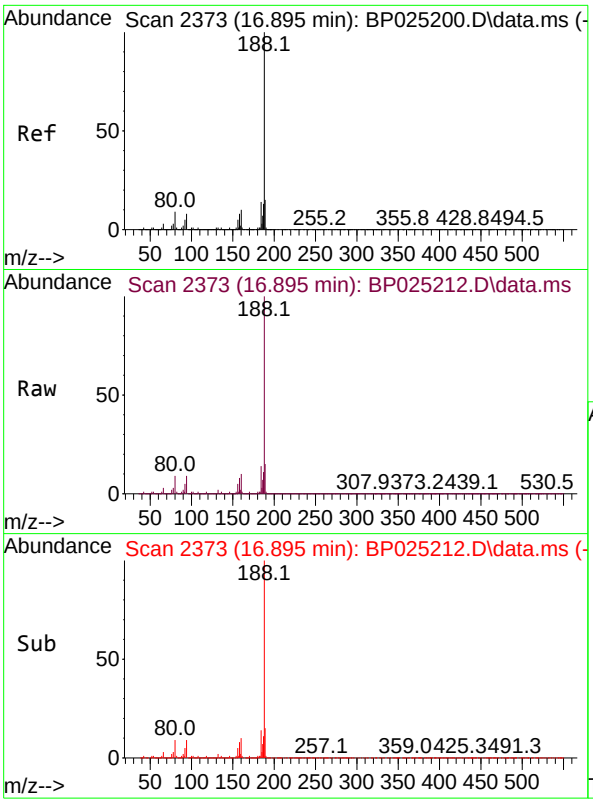




#45
2-Fluorobiphenyl
Concen: 49.278 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:172 Resp: 7198737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.8 | 43.2 |
| 170 | 23.6 | 19.2 | 28.8 |



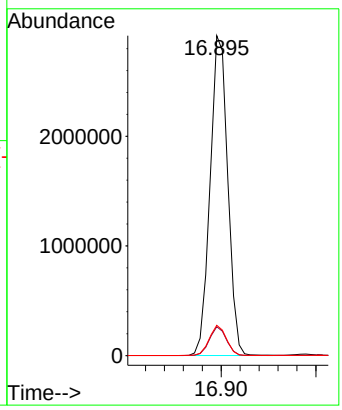


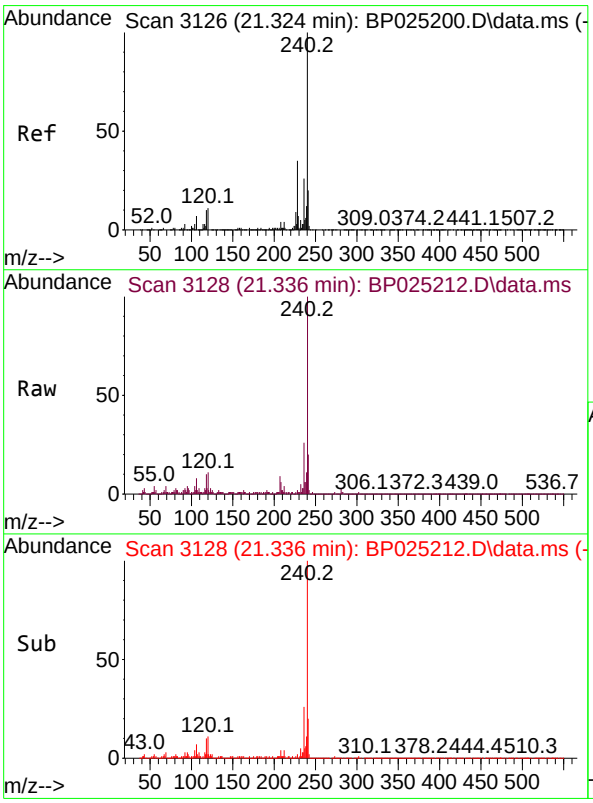

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion:188 Resp: 3779952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 6.8 | 10.2 |
| 80 | 9.5 | 7.3 | 10.9 |

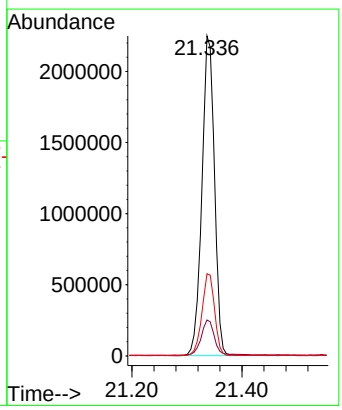


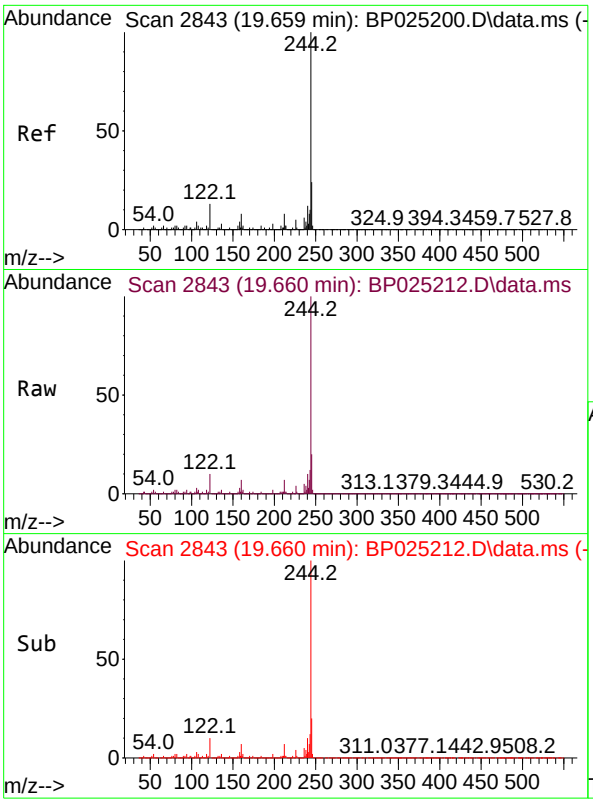




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:240 Resp: 3553060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.8 | 13.2 |
| 236 | 25.7 | 20.9 | 31.3 |



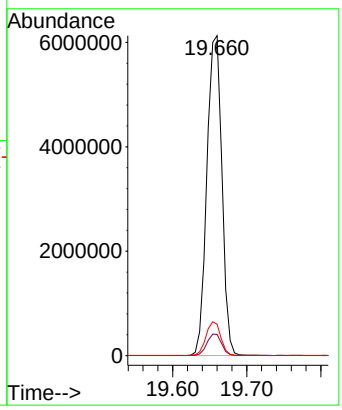


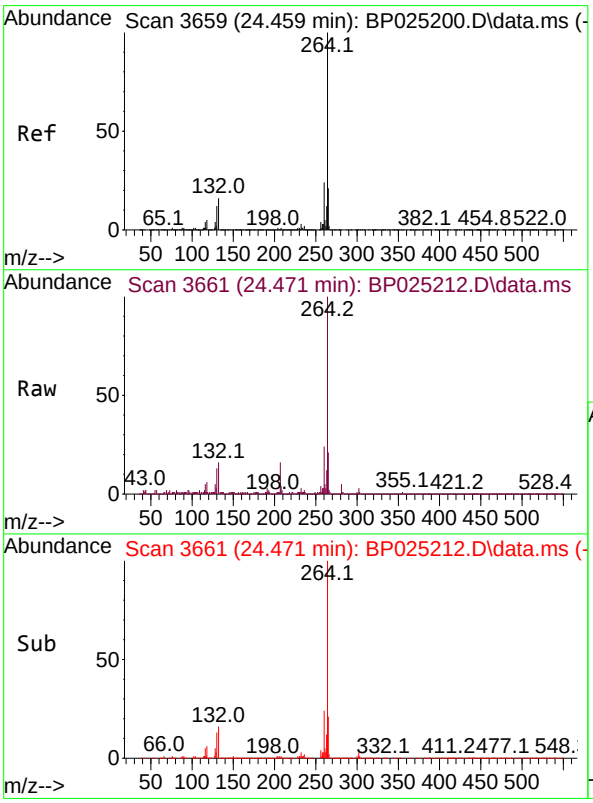

#79
Terphenyl-d14
Concen: 47.861 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion:244 Resp: 8614502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 6.6 | 9.8 |
| 122 | 9.8 | 10.3 | 15.5# |

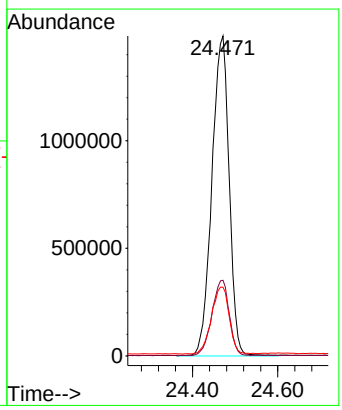


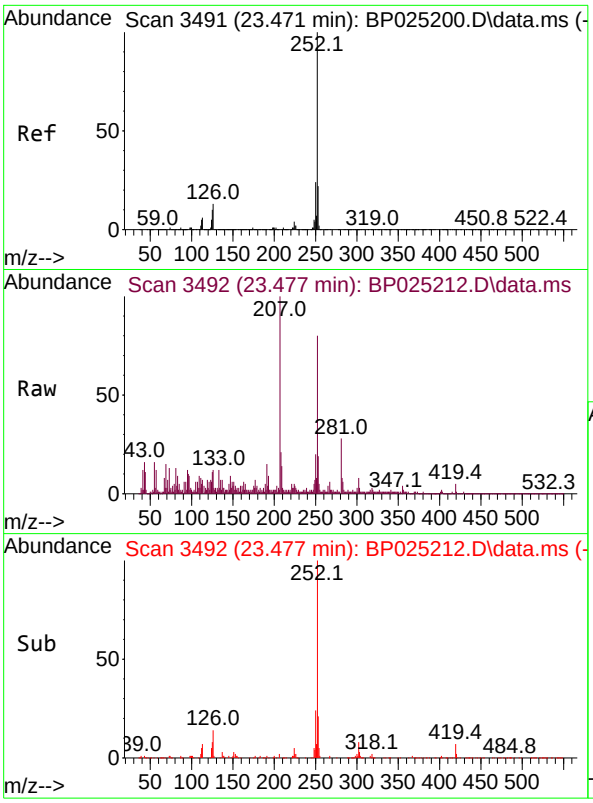




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:264 Resp: 4178405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.0 | 28.6 |
| 265 | 21.5 | 17.5 | 26.3 |



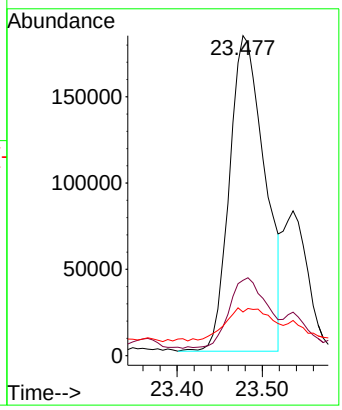



#88
Benzo(b)fluoranthene
Concen: 2.191 ng
RT: 23.477 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Tgt Ion:252 Resp: 524002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.0 | 27.0 |
| 125 | 13.6 | 7.8 | 11.8# |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025212.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.661 | 288 | 293 | 302 | rVB | 773530 | 1127973 | 4.92% | 0.545% |
| 2 | 5.108 | 362 | 369 | 386 | rBV | 8645402 | 13126970 | 57.25% | 6.347% |
| 3 | 6.166 | 544 | 549 | 556 | rVB | 151876 | 237580 | 1.04% | 0.115% |
| 4 | 6.637 | 622 | 629 | 644 | rBV | 8593163 | 13471447 | 58.76% | 6.513% |
| 5 | 7.437 | 758 | 765 | 775 | rBV | 3172194 | 4899087 | 21.37% | 2.369% |
| 6 | 8.560 | 948 | 956 | 964 | rBV | 5735117 | 9256217 | 40.37% | 4.475% |
| 7 | 10.172 | 1223 | 1230 | 1241 | rVB | 3826598 | 6663407 | 29.06% | 3.222% |
| 8 | 10.313 | 1247 | 1254 | 1260 | rBV | 165283 | 317945 | 1.39% | 0.154% |
| 9 | 12.672 | 1648 | 1655 | 1666 | rBV | 14165634 | 20005483 | 87.26% | 9.672% |
| 10 | 14.072 | 1887 | 1893 | 1902 | rBV | 6056418 | 8411784 | 36.69% | 4.067% |
| 11 | 14.942 | 2034 | 2041 | 2046 | rBV2 | 167453 | 303353 | 1.32% | 0.147% |
| 12 | 15.484 | 2127 | 2133 | 2144 | rVB | 1047615 | 1457291 | 6.36% | 0.705% |
| 13 | 15.601 | 2146 | 2153 | 2162 | rVV | 10211353 | 15837463 | 69.08% | 7.657% |
| 14 | 16.066 | 2223 | 2232 | 2235 | rBV | 182903 | 359181 | 1.57% | 0.174% |
| 15 | 16.125 | 2237 | 2242 | 2247 | rVV | 395873 | 554551 | 2.42% | 0.268% |
| 16 | 16.331 | 2273 | 2277 | 2284 | rVB | 190483 | 255419 | 1.11% | 0.123% |
| 17 | 16.842 | 2360 | 2364 | 2368 | rBV | 293796 | 522723 | 2.28% | 0.253% |
| 18 | 16.895 | 2368 | 2373 | 2378 | rVV2 | 6854684 | 8992877 | 39.22% | 4.348% |
| 19 | 17.001 | 2386 | 2391 | 2394 | rBV2 | 274209 | 438426 | 1.91% | 0.212% |
| 20 | 17.042 | 2394 | 2398 | 2404 | rVB2 | 342196 | 508291 | 2.22% | 0.246% |
| 21 | 17.748 | 2514 | 2518 | 2522 | rVB3 | 158870 | 232890 | 1.02% | 0.113% |
| 22 | 17.801 | 2522 | 2527 | 2534 | rBV4 | 403287 | 786625 | 3.43% | 0.380% |
| 23 | 17.878 | 2535 | 2540 | 2548 | rBV | 3963010 | 6131110 | 26.74% | 2.964% |
| 24 | 18.160 | 2583 | 2588 | 2601 | rVB9 | 420087 | 1328755 | 5.80% | 0.642% |
| 25 | 18.948 | 2719 | 2722 | 2729 | rVB2 | 446170 | 657757 | 2.87% | 0.318% |
| 26 | 19.042 | 2734 | 2738 | 2741 | rBV | 677202 | 944423 | 4.12% | 0.457% |
| 27 | 19.101 | 2744 | 2748 | 2749 | rVV3 | 561311 | 782702 | 3.41% | 0.378% |
| 28 | 19.119 | 2749 | 2751 | 2754 | rVV3 | 817974 | 1166128 | 5.09% | 0.564% |
| 29 | 19.160 | 2755 | 2758 | 2766 | rVV3 | 904234 | 2126059 | 9.27% | 1.028% |
| 30 | 19.225 | 2766 | 2769 | 2774 | rVB | 818793 | 1020496 | 4.45% | 0.493% |
| 31 | 19.425 | 2799 | 2803 | 2807 | rVB | 493257 | 614154 | 2.68% | 0.297% |
| 32 | 19.660 | 2837 | 2843 | 2852 | rVB | 16010375 | 22927432 | 100.00% | 11.085% |
| 33 | 20.348 | 2957 | 2960 | 2963 | rBV | 562808 | 836664 | 3.65% | 0.405% |
| 34 | 20.519 | 2985 | 2989 | 2993 | rBV | 903757 | 1259144 | 5.49% | 0.609% |
| 35 | 20.960 | 3059 | 3064 | 3067 | rBV4 | 898178 | 1601852 | 6.99% | 0.774% |
| 36 | 21.066 | 3078 | 3082 | 3087 | rBV2 | 1958448 | 3138327 | 13.69% | 1.517% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 21.336 | 3123 | 3128 | 3135 | rBV2 | 6832876 | 13223530 | 57.68% | 6.393% |
| 38 | 22.248 | 3278 | 3283 | 3293 | rVB | 1977126 | 3658811 | 15.96% | 1.769% |
| 39 | 23.754 | 3533 | 3539 | 3546 | rBV | 3429699 | 7226859 | 31.52% | 3.494% |
| 40 | 24.471 | 3653 | 3661 | 3670 | rVB | 3935592 | 10479570 | 45.71% | 5.067% |
| 41 | 25.465 | 3825 | 3830 | 3847 | rVB | 1761693 | 5041610 | 21.99% | 2.438% |
| 42 | 25.842 | 3886 | 3894 | 3905 | rVB2 | 2641039 | 8944801 | 39.01% | 4.325% |
| 43 | 29.748 | 4551 | 4558 | 4567 | rBV2 | 1818942 | 5953704 | 25.97% | 2.879% |

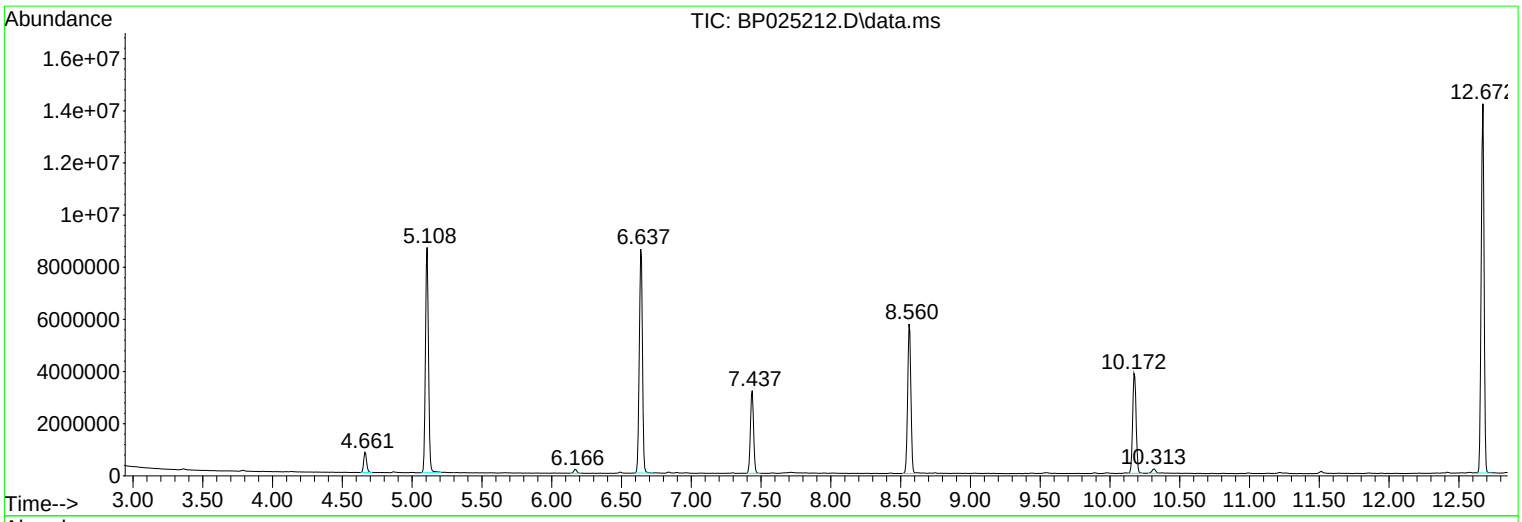
Sum of corrected areas: 206830871

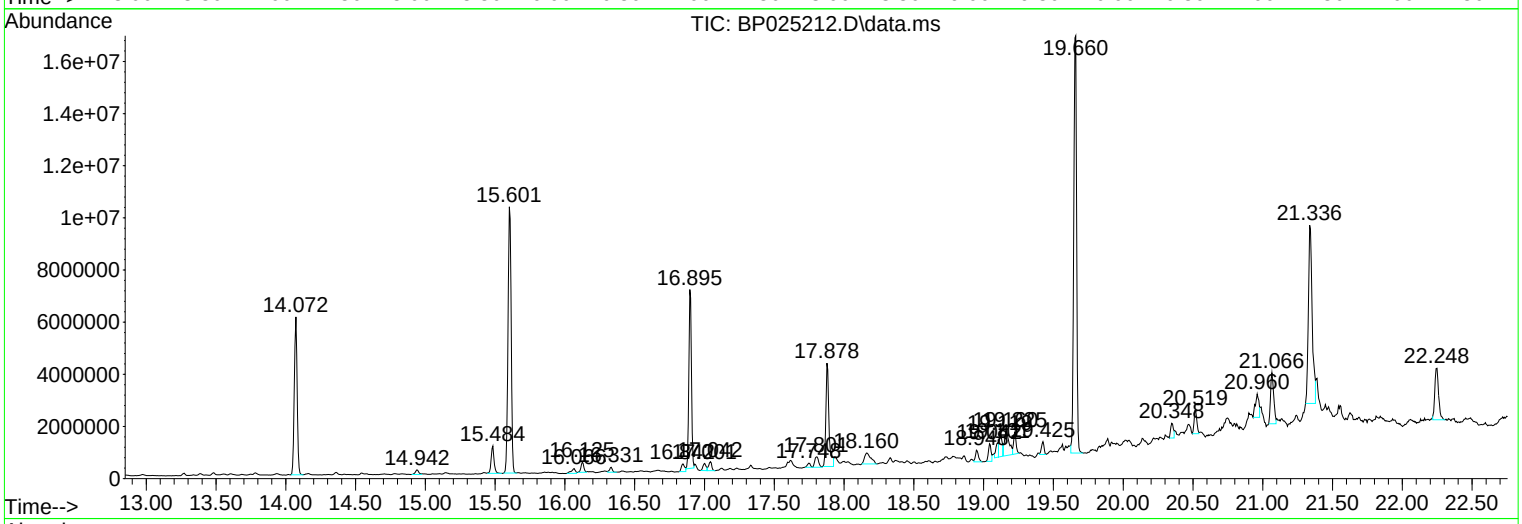
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

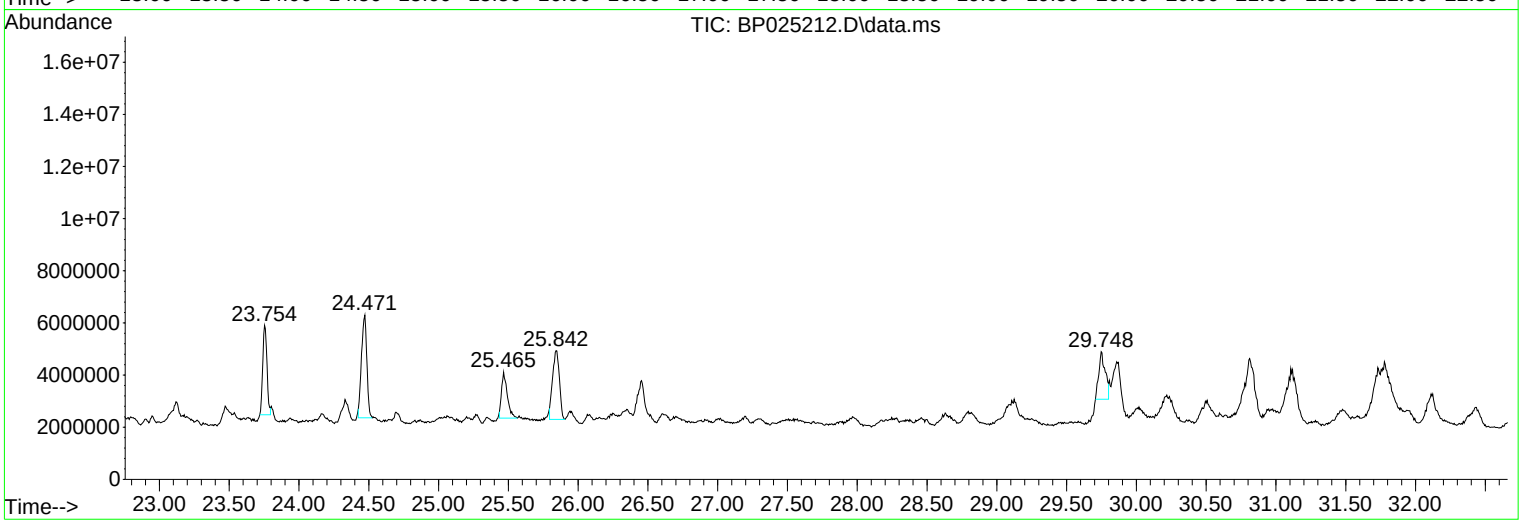
**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025212.D
Acq On : 22 Jul 2025 13:14
Operator : CG/JU
Sample : Q2639-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-42-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-43-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-11 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 58 |
| Sample Wt/Vol: | 30.07 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025213.D | 1 | 07/21/25 09:30 | 07/22/25 13:55 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.22 | U | 0.039 | 0.22 | 0.29 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.22 | U | 0.044 | 0.22 | 0.29 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.22 | U | 0.050 | 0.22 | 0.29 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.22 | U | 0.037 | 0.22 | 0.29 | mg/Kg |
| 86-73-7 | Fluorene | 0.22 | U | 0.044 | 0.22 | 0.29 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.22 | U | 0.036 | 0.22 | 0.29 | mg/Kg |
| 120-12-7 | Anthracene | 0.22 | U | 0.057 | 0.22 | 0.29 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.22 | U | 0.052 | 0.22 | 0.29 | mg/Kg |
| 129-00-0 | Pyrene | 0.22 | U | 0.062 | 0.22 | 0.29 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.22 | U | 0.040 | 0.22 | 0.29 | mg/Kg |
| 218-01-9 | Chrysene | 0.22 | U | 0.034 | 0.22 | 0.29 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.13 | J | 0.033 | 0.22 | 0.29 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.22 | U | 0.039 | 0.22 | 0.29 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.22 | U | 0.051 | 0.22 | 0.29 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.22 | U | 0.050 | 0.22 | 0.29 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.22 | U | 0.047 | 0.22 | 0.29 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.22 | U | 0.044 | 0.22 | 0.29 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 57.6 | | 37 - 122 | | 58% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 55.2 | | 44 - 115 | | 55% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 52.8 | * | 54 - 127 | | 53% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 879000 | 7.431 | | | | |
| 1146-65-2 | Naphthalene-d8 | 3360000 | 10.178 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 2000000 | 14.072 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 3660000 | 16.884 | | | | |
| 1719-03-5 | Chrysene-d12 | 3470000 | 21.325 | | | | |
| 1520-96-3 | Perylene-d12 | 4000000 | 24.466 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-43-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-11 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 58 |
| Sample Wt/Vol: | 30.07 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025213.D | 1 | 07/21/25 09:30 | 07/22/25 13:55 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Quant Time: Jul 22 14:48:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

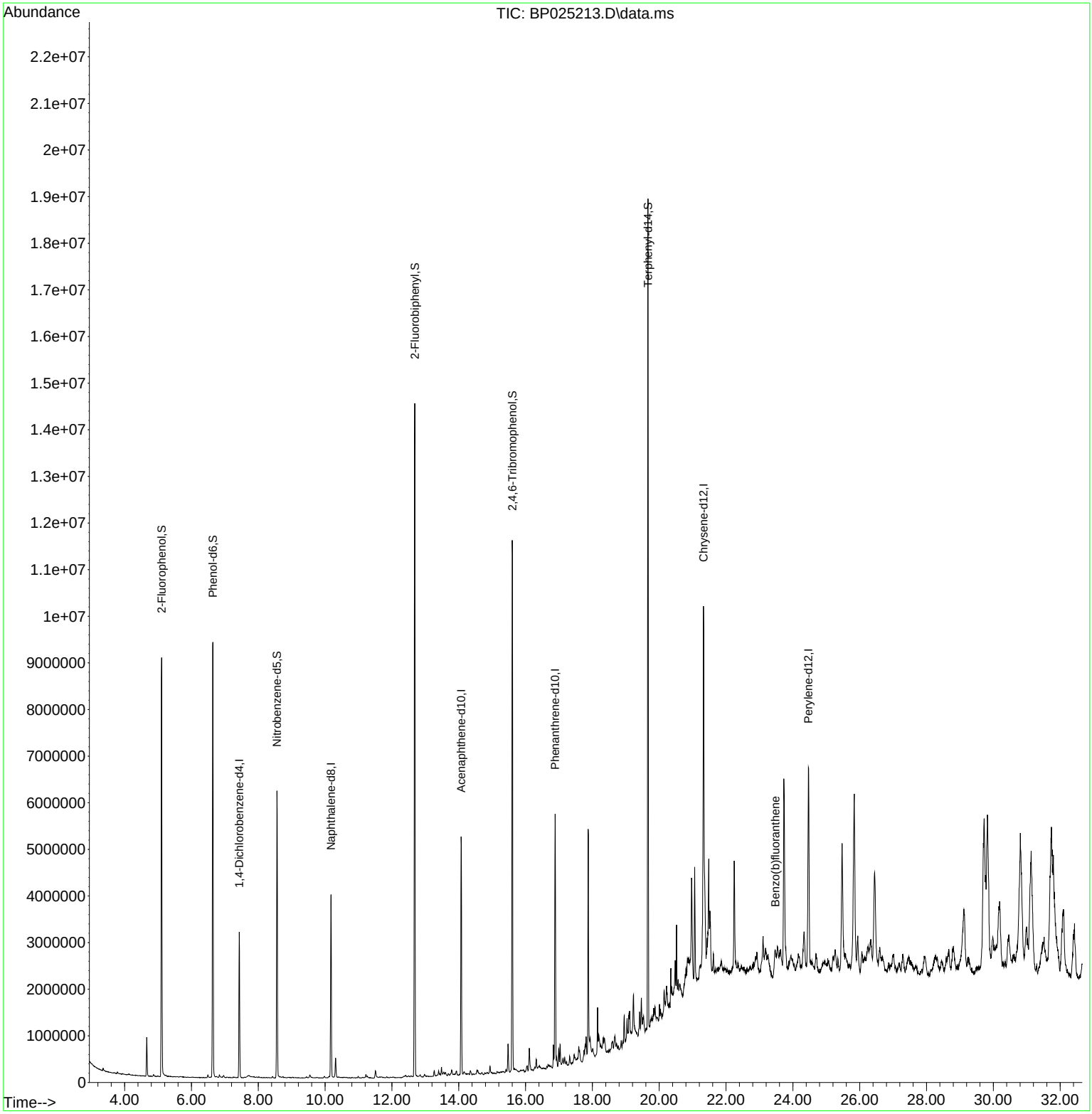
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 878548 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 3358646 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.072 | 164 | 2004270 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.884 | 188 | 3663003 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.325 | 240 | 3467562 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.466 | 264 | 4001783 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 4517642 | 86.884 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 5595296 | 86.884 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.561 | 82 | 3481137 | 57.600 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2607176 | 88.237 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 7851904 | 55.231 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.666 | 244 | 9274689 | 52.799 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 88) Benzo(b)fluoranthene | 23.472 | 252 | 532409 | 2.324 | ng | # 88 |

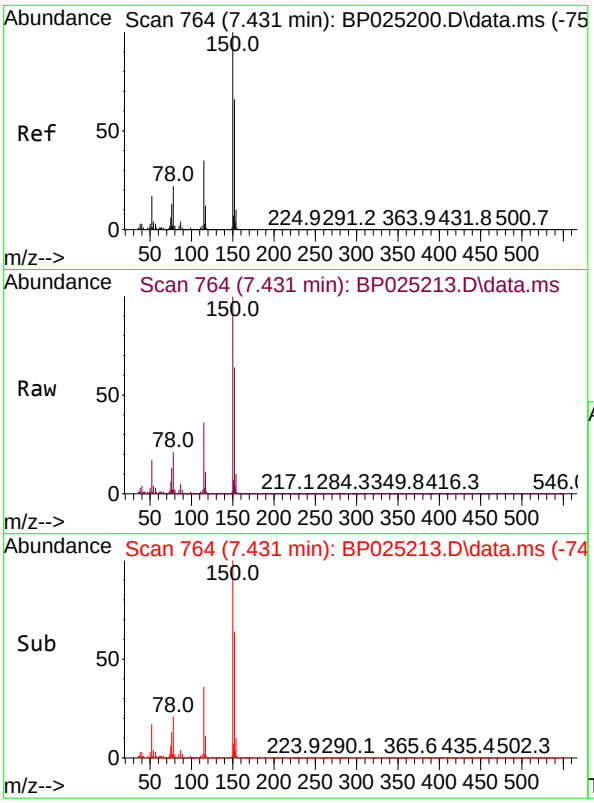
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Quant Time: Jul 22 14:48:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



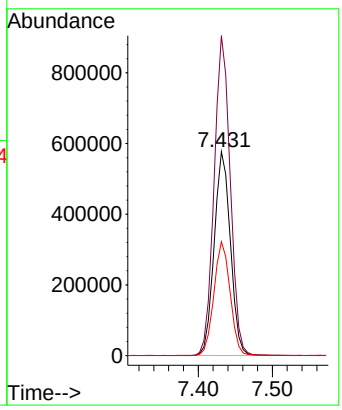


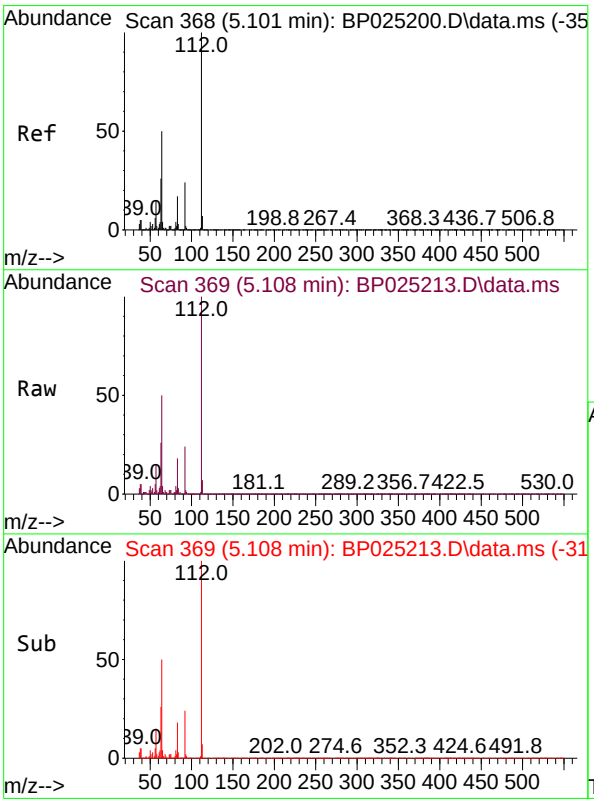

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion:152 Resp: 878548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 121.9 | 182.9 |
| 115 | 55.8 | 43.0 | 64.6 |

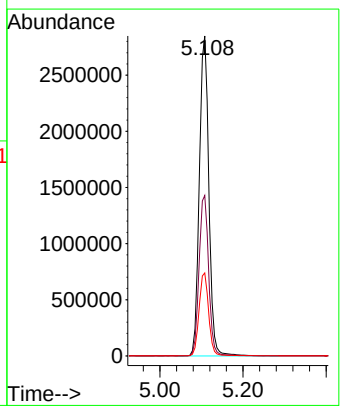


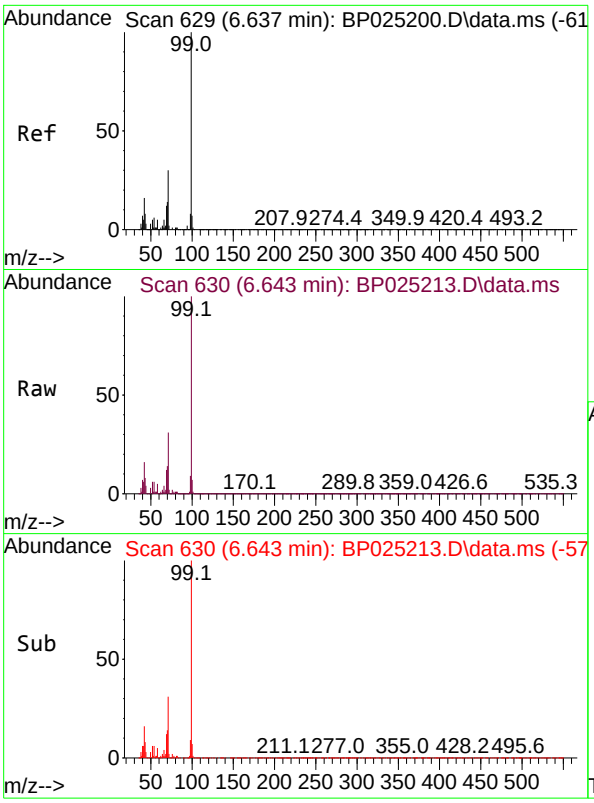




#5
2-Fluorophenol
Concen: 86.884 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:112 Resp: 4517642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.1 | 39.8 | 59.6 |
| 63 | 25.9 | 20.5 | 30.7 |



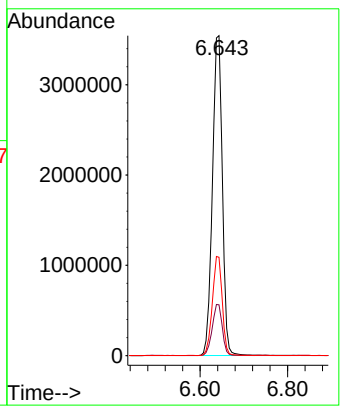


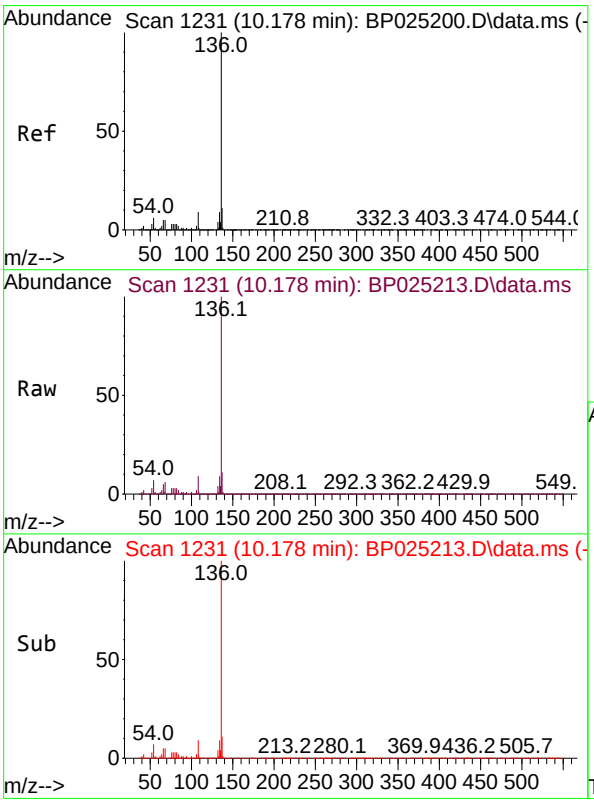

#7
Phenol-d6
Concen: 86.884 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion: 99 Resp: 5595296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 12.5 | 18.7 |
| 71 | 30.7 | 24.2 | 36.2 |

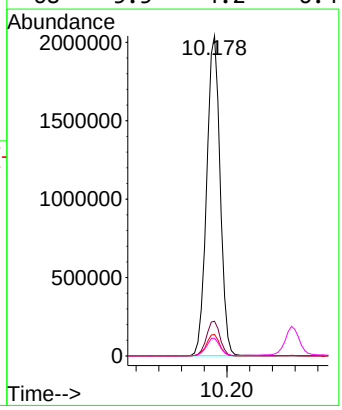


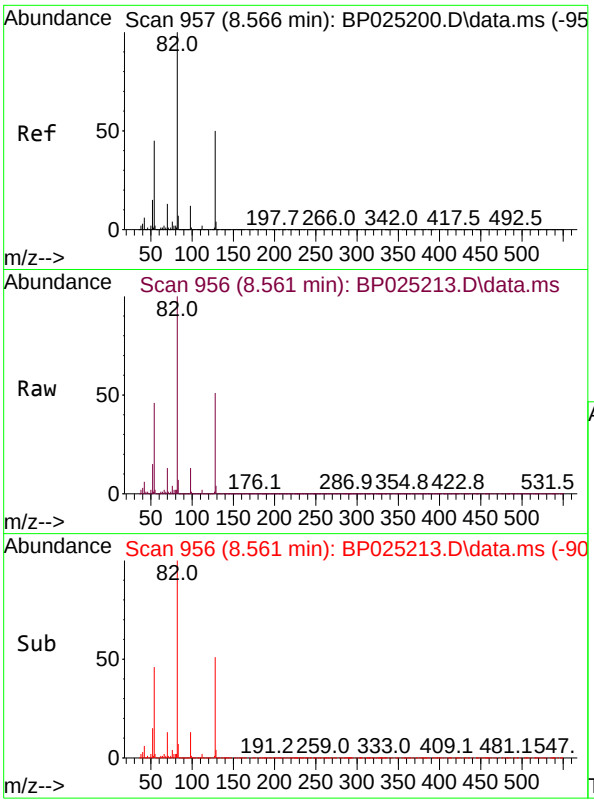




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:136 Resp: 3358646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 6.7 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |



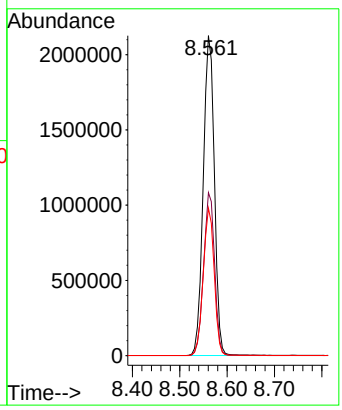


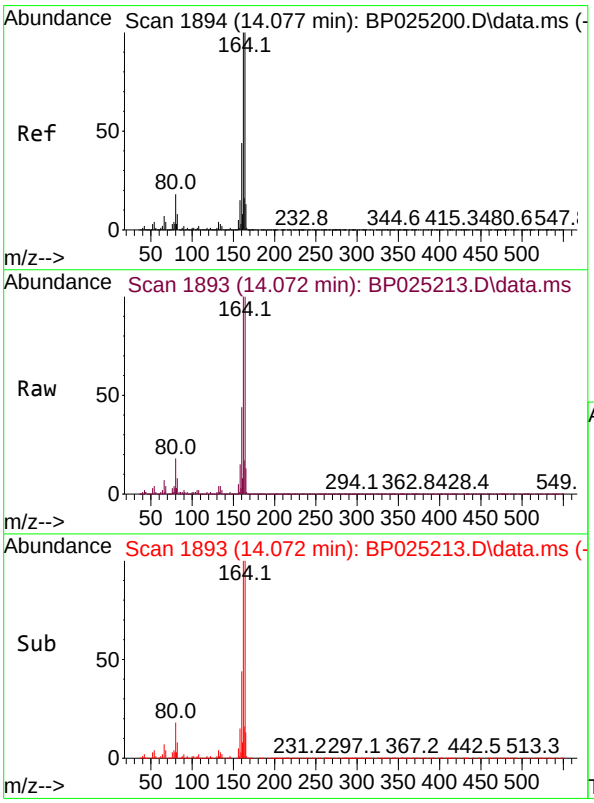

#23
Nitrobenzene-d5
Concen: 57.600 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion: 82 Resp: 3481137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.9 | 40.2 | 60.4 |
| 54 | 46.1 | 36.3 | 54.5 |

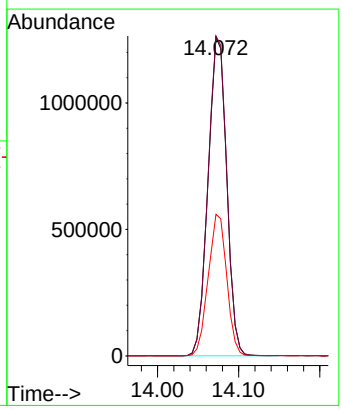


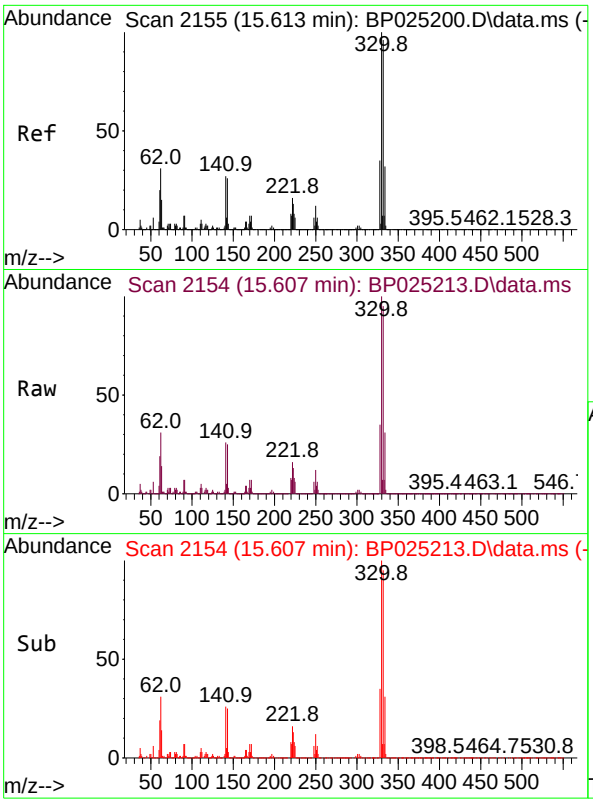




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:164 Resp: 2004270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.3 | 120.5 |
| 160 | 44.4 | 35.7 | 53.5 |



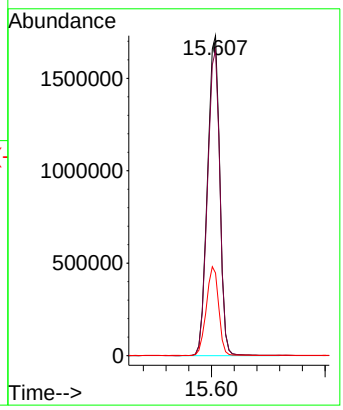


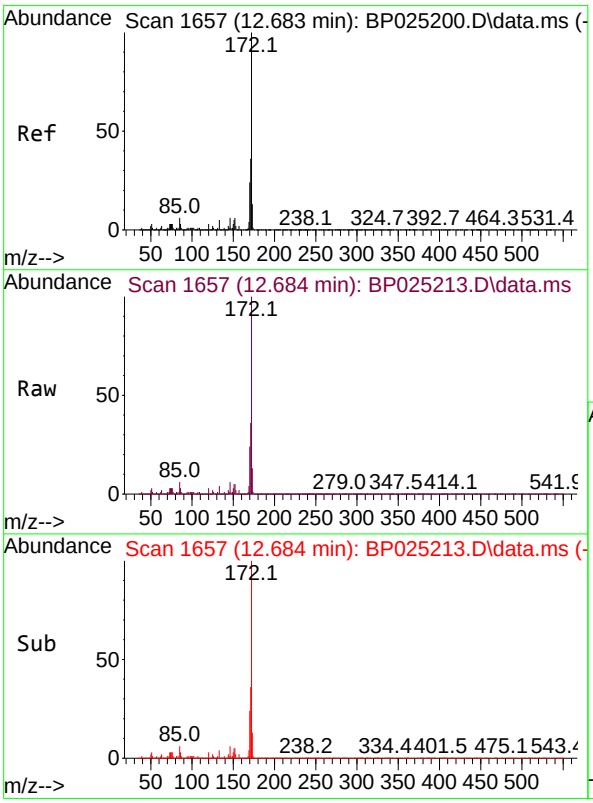

#42
2,4,6-Tribromophenol
Concen: 88.237 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion:330 Resp: 2607176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.1 | 115.7 |
| 141 | 27.8 | 22.4 | 33.6 |

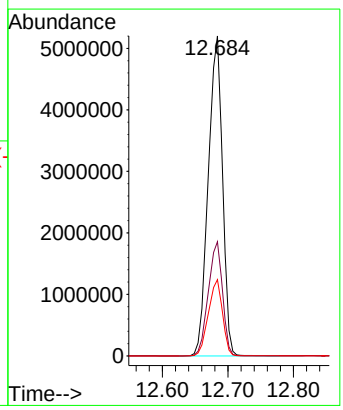


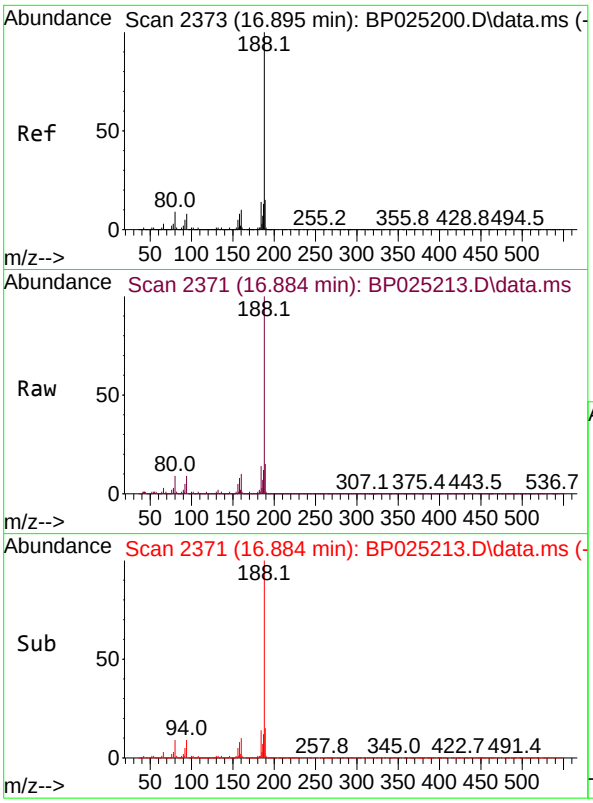




#45
2-Fluorobiphenyl
Concen: 55.231 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:172 Resp: 7851904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.8 | 43.2 |
| 170 | 23.8 | 19.2 | 28.8 |



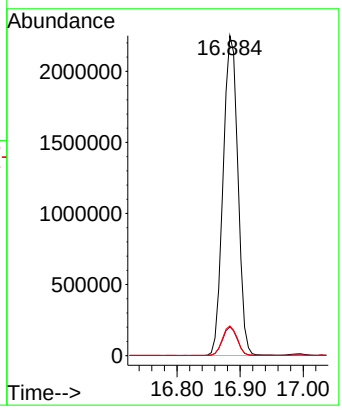


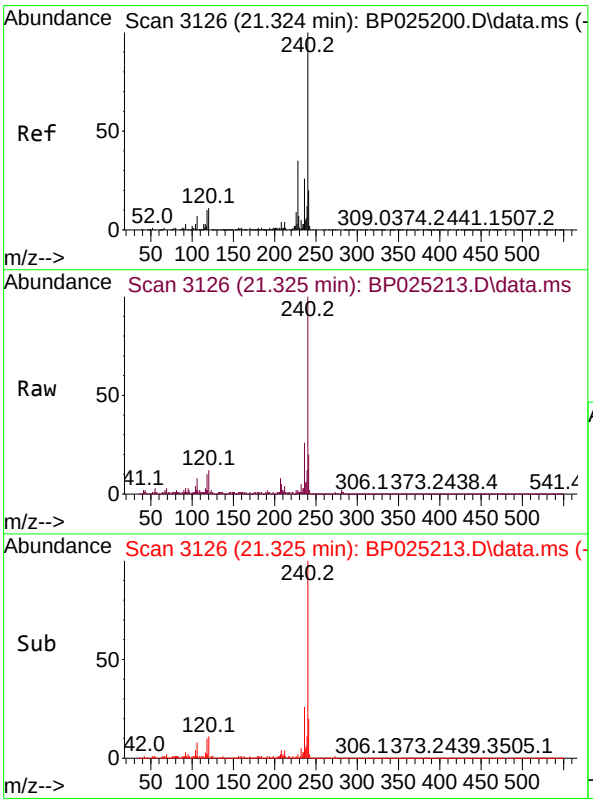

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.884 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion:188 Resp: 3663003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |

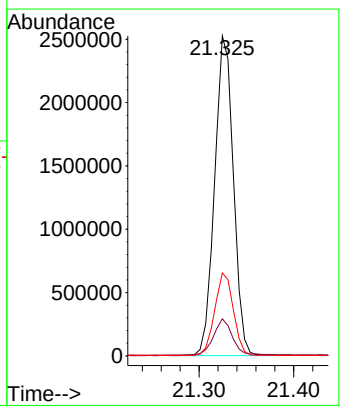


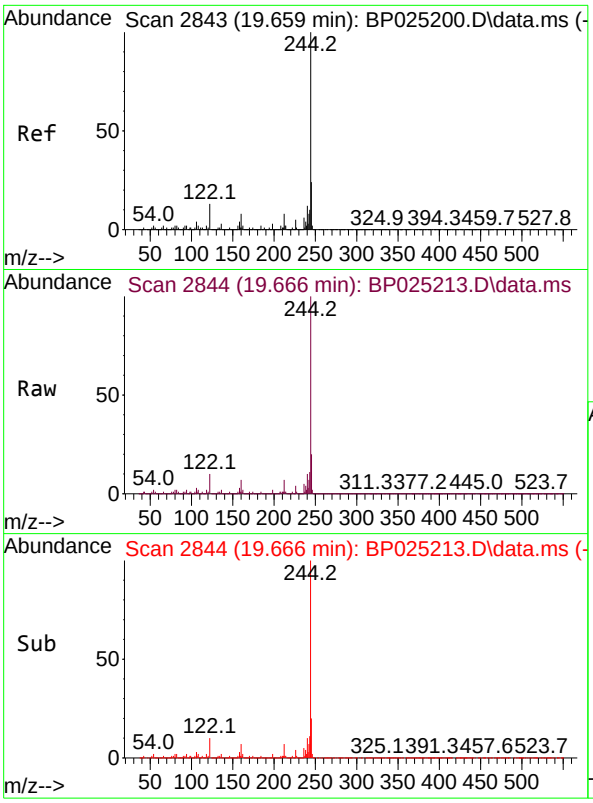




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:240 Resp: 3467562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |



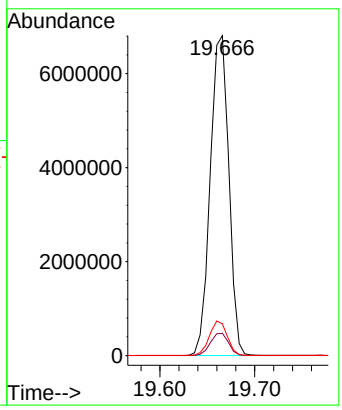


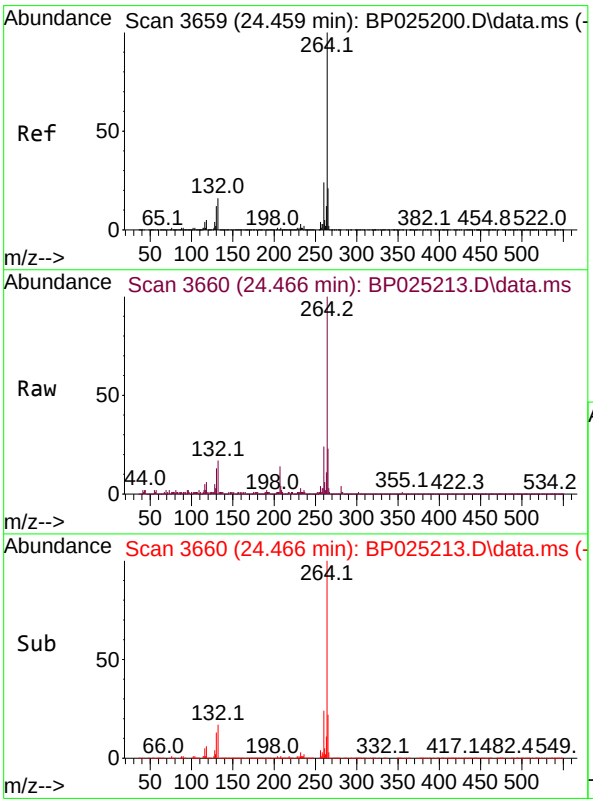

#79
Terphenyl-d14
Concen: 52.799 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion:244 Resp: 9274689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.6 | 9.8 |
| 122 | 9.9 | 10.3 | 15.5# |

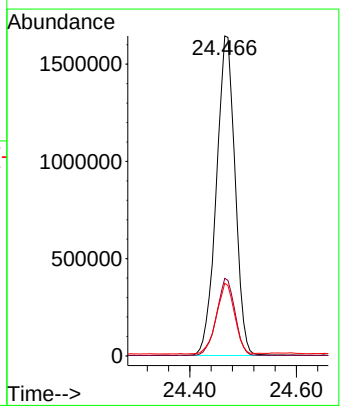


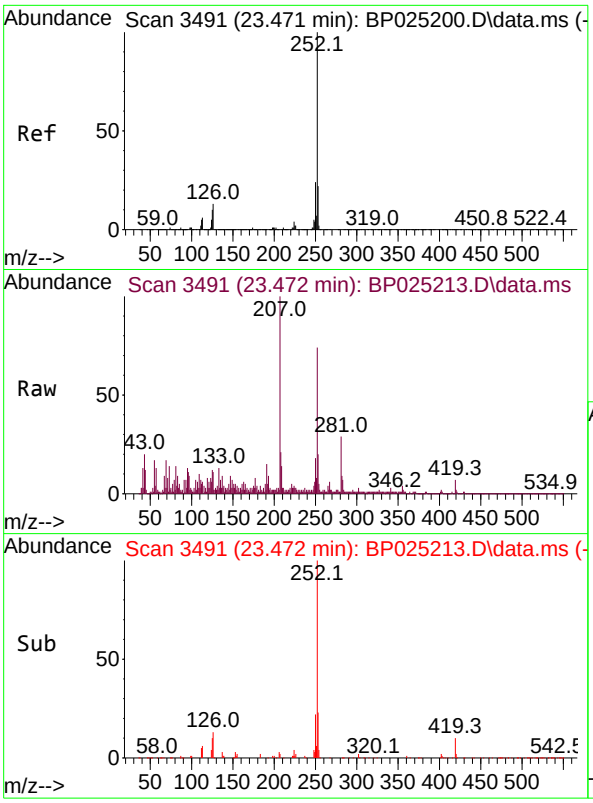




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

Tgt Ion:264 Resp: 4001783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.0 | 28.6 |
| 265 | 22.7 | 17.5 | 26.3 |



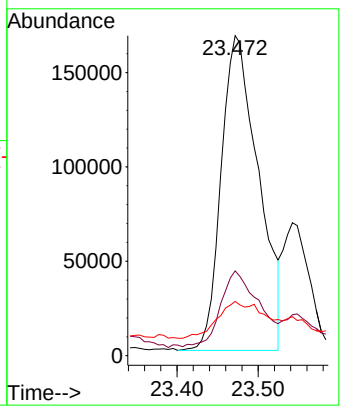



#88
Benzo(b)fluoranthene
Concen: 2.324 ng
RT: 23.472 min Scan# 34
Delta R.T. 0.001 min
Lab File: BP025213.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Tgt Ion:252 Resp: 532409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.5 | 18.0 | 27.0 |
| 125 | 16.9 | 7.8 | 11.8# |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025213.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.661 | 288 | 293 | 304 | rVB | 834190 | 1229426 | 5.07% | 0.532% |
| 2 | 5.108 | 362 | 369 | 387 | rBV | 8985872 | 14315849 | 59.02% | 6.201% |
| 3 | 6.643 | 622 | 630 | 643 | rBV | 9329908 | 14793382 | 60.99% | 6.407% |
| 4 | 7.431 | 757 | 764 | 776 | rBV | 3128743 | 4754112 | 19.60% | 2.059% |
| 5 | 8.561 | 946 | 956 | 964 | rBV | 6160742 | 10077920 | 41.55% | 4.365% |
| 6 | 10.178 | 1223 | 1231 | 1244 | rVB | 3915896 | 6438803 | 26.54% | 2.789% |
| 7 | 10.313 | 1244 | 1254 | 1262 | rBV | 410947 | 715640 | 2.95% | 0.310% |
| 8 | 11.507 | 1449 | 1457 | 1467 | rBV | 158070 | 378646 | 1.56% | 0.164% |
| 9 | 12.684 | 1649 | 1657 | 1663 | rBV | 14442099 | 21881935 | 90.21% | 9.478% |
| 10 | 13.484 | 1789 | 1793 | 1800 | rBV | 172894 | 266089 | 1.10% | 0.115% |
| 11 | 14.072 | 1887 | 1893 | 1902 | rBV | 5104920 | 8187155 | 33.75% | 3.546% |
| 12 | 14.937 | 2035 | 2040 | 2047 | rBV2 | 147407 | 248565 | 1.02% | 0.108% |
| 13 | 15.478 | 2126 | 2132 | 2140 | rVB | 605117 | 1056082 | 4.35% | 0.457% |
| 14 | 15.601 | 2147 | 2153 | 2161 | rBV | 11364270 | 17334796 | 71.46% | 7.508% |
| 15 | 16.113 | 2234 | 2240 | 2248 | rBV2 | 481006 | 902315 | 3.72% | 0.391% |
| 16 | 16.319 | 2271 | 2275 | 2282 | rVB2 | 194074 | 291366 | 1.20% | 0.126% |
| 17 | 16.831 | 2358 | 2362 | 2365 | rBV | 497719 | 661063 | 2.73% | 0.286% |
| 18 | 16.884 | 2365 | 2371 | 2377 | rVB2 | 5309976 | 8792822 | 36.25% | 3.808% |
| 19 | 16.990 | 2385 | 2389 | 2393 | rBV | 378531 | 571424 | 2.36% | 0.247% |
| 20 | 17.031 | 2393 | 2396 | 2402 | rVB | 442262 | 655615 | 2.70% | 0.284% |
| 21 | 17.590 | 2488 | 2491 | 2494 | rBV2 | 244584 | 346063 | 1.43% | 0.150% |
| 22 | 17.784 | 2521 | 2524 | 2526 | rBV2 | 202706 | 273201 | 1.13% | 0.118% |
| 23 | 17.813 | 2526 | 2529 | 2534 | rVB2 | 362645 | 451672 | 1.86% | 0.196% |
| 24 | 17.872 | 2534 | 2539 | 2547 | rBV | 4812110 | 6751709 | 27.83% | 2.924% |
| 25 | 18.154 | 2583 | 2587 | 2590 | rBV | 959212 | 1223351 | 5.04% | 0.530% |
| 26 | 18.954 | 2718 | 2723 | 2727 | rBV | 593898 | 893785 | 3.68% | 0.387% |
| 27 | 19.036 | 2734 | 2737 | 2740 | rBV | 404800 | 492147 | 2.03% | 0.213% |
| 28 | 19.089 | 2743 | 2746 | 2748 | rBV3 | 387423 | 526473 | 2.17% | 0.228% |
| 29 | 19.231 | 2766 | 2770 | 2776 | rVB2 | 733583 | 1172835 | 4.84% | 0.508% |
| 30 | 19.413 | 2798 | 2801 | 2805 | rBV | 369947 | 431426 | 1.78% | 0.187% |
| 31 | 19.466 | 2806 | 2810 | 2815 | rBV | 630516 | 924681 | 3.81% | 0.401% |
| 32 | 19.666 | 2838 | 2844 | 2849 | rBV | 17808098 | 24256447 | 100.00% | 10.506% |
| 33 | 20.007 | 2899 | 2902 | 2905 | rBV3 | 332059 | 405840 | 1.67% | 0.176% |
| 34 | 20.148 | 2923 | 2926 | 2930 | rBV | 400741 | 618809 | 2.55% | 0.268% |
| 35 | 20.348 | 2956 | 2960 | 2962 | rBV | 846884 | 1045154 | 4.31% | 0.453% |
| 36 | 20.519 | 2986 | 2989 | 2994 | rVB | 1388796 | 1515907 | 6.25% | 0.657% |

Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 20.966 | 3062 | 3065 | 3075 | rVB7 | 2165306 | 4354348 | 17.95% | 1.886% |
| 38 | 21.060 | 3077 | 3081 | 3089 | rVB2 | 2385952 | 3475691 | 14.33% | 1.505% |
| 39 | 21.325 | 3118 | 3126 | 3139 | rVB | 7566802 | 16945256 | 69.86% | 7.339% |
| 40 | 21.483 | 3149 | 3153 | 3156 | rBV | 1605710 | 1818557 | 7.50% | 0.788% |
| 41 | 22.242 | 3278 | 3282 | 3294 | rVB2 | 2293820 | 4574669 | 18.86% | 1.981% |
| 42 | 23.730 | 3530 | 3535 | 3544 | rBV | 3763389 | 8037513 | 33.14% | 3.481% |
| 43 | 24.466 | 3653 | 3660 | 3668 | rVB | 4172281 | 9830432 | 40.53% | 4.258% |
| 44 | 25.471 | 3824 | 3831 | 3842 | rBV2 | 2563228 | 7072713 | 29.16% | 3.063% |
| 45 | 25.836 | 3885 | 3893 | 3904 | rVB | 3571929 | 10536287 | 43.44% | 4.564% |
| 46 | 29.724 | 4544 | 4554 | 4560 | rBV3 | 2540516 | 9353609 | 38.56% | 4.051% |

Sum of corrected areas: 230881580

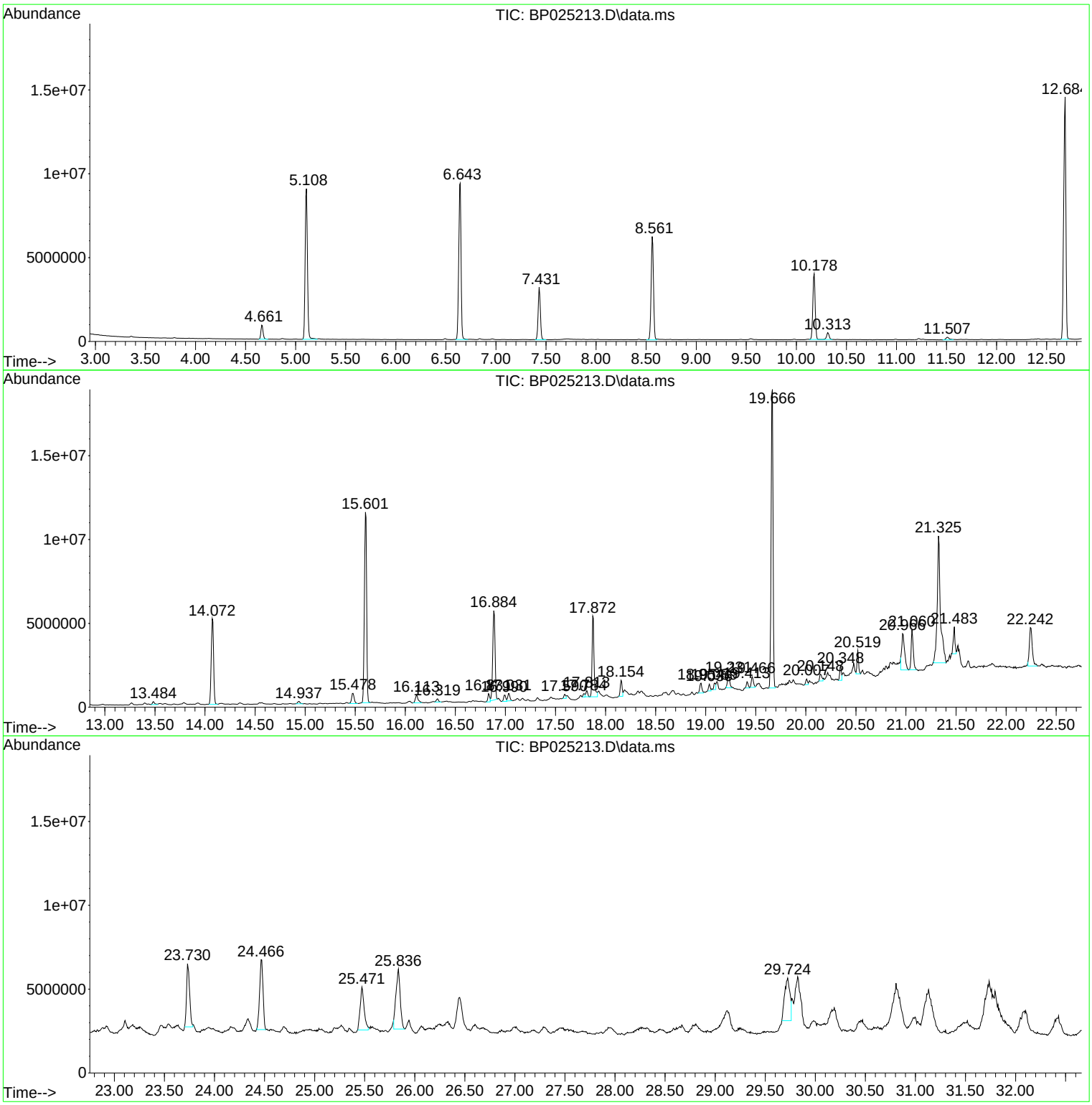
Sample Results: **BP025213.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025213.D
Acq On : 22 Jul 2025 13:55
Operator : CG/JU
Sample : Q2639-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-43-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-44-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-13 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 64.9 |
| Sample Wt/Vol: | 30.03 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025223.D | 1 | 07/21/25 09:30 | 07/23/25 14:09 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.20 | U | 0.035 | 0.20 | 0.26 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.20 | U | 0.039 | 0.20 | 0.26 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.20 | U | 0.045 | 0.20 | 0.26 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.20 | U | 0.033 | 0.20 | 0.26 | mg/Kg |
| 86-73-7 | Fluorene | 0.20 | U | 0.039 | 0.20 | 0.26 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.20 | U | 0.032 | 0.20 | 0.26 | mg/Kg |
| 120-12-7 | Anthracene | 0.20 | U | 0.051 | 0.20 | 0.26 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.20 | U | 0.046 | 0.20 | 0.26 | mg/Kg |
| 129-00-0 | Pyrene | 0.20 | U | 0.055 | 0.20 | 0.26 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.20 | U | 0.035 | 0.20 | 0.26 | mg/Kg |
| 218-01-9 | Chrysene | 0.20 | U | 0.031 | 0.20 | 0.26 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.20 | U | 0.029 | 0.20 | 0.26 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.20 | U | 0.035 | 0.20 | 0.26 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.20 | U | 0.045 | 0.20 | 0.26 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.20 | U | 0.045 | 0.20 | 0.26 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.20 | U | 0.042 | 0.20 | 0.26 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.20 | U | 0.040 | 0.20 | 0.26 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 49.4 | | 37 - 122 | | 49% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 49.0 | | 44 - 115 | | 49% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 38.7 | * | 54 - 127 | | 39% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 635000 | 7.437 | | | | |
| 1146-65-2 | Naphthalene-d8 | 2350000 | 10.178 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 1280000 | 14.083 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 2540000 | 16.895 | | | | |
| 1719-03-5 | Chrysene-d12 | 3030000 | 21.324 | | | | |
| 1520-96-3 | Perylene-d12 | 3690000 | 24.465 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/18/25 |
| Client Sample ID: | OU4-TS-44-071725 | SDG No.: | Q2639 |
| Lab Sample ID: | Q2639-13 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 64.9 |
| Sample Wt/Vol: | 30.03 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP025223.D | 1 | 07/21/25 09:30 | 07/23/25 14:09 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| 15972608 | Alachlor | N.D | | | | | |
| 82-68-8 | Quintozine | N.D | | | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Quant Time: Jul 23 14:59:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

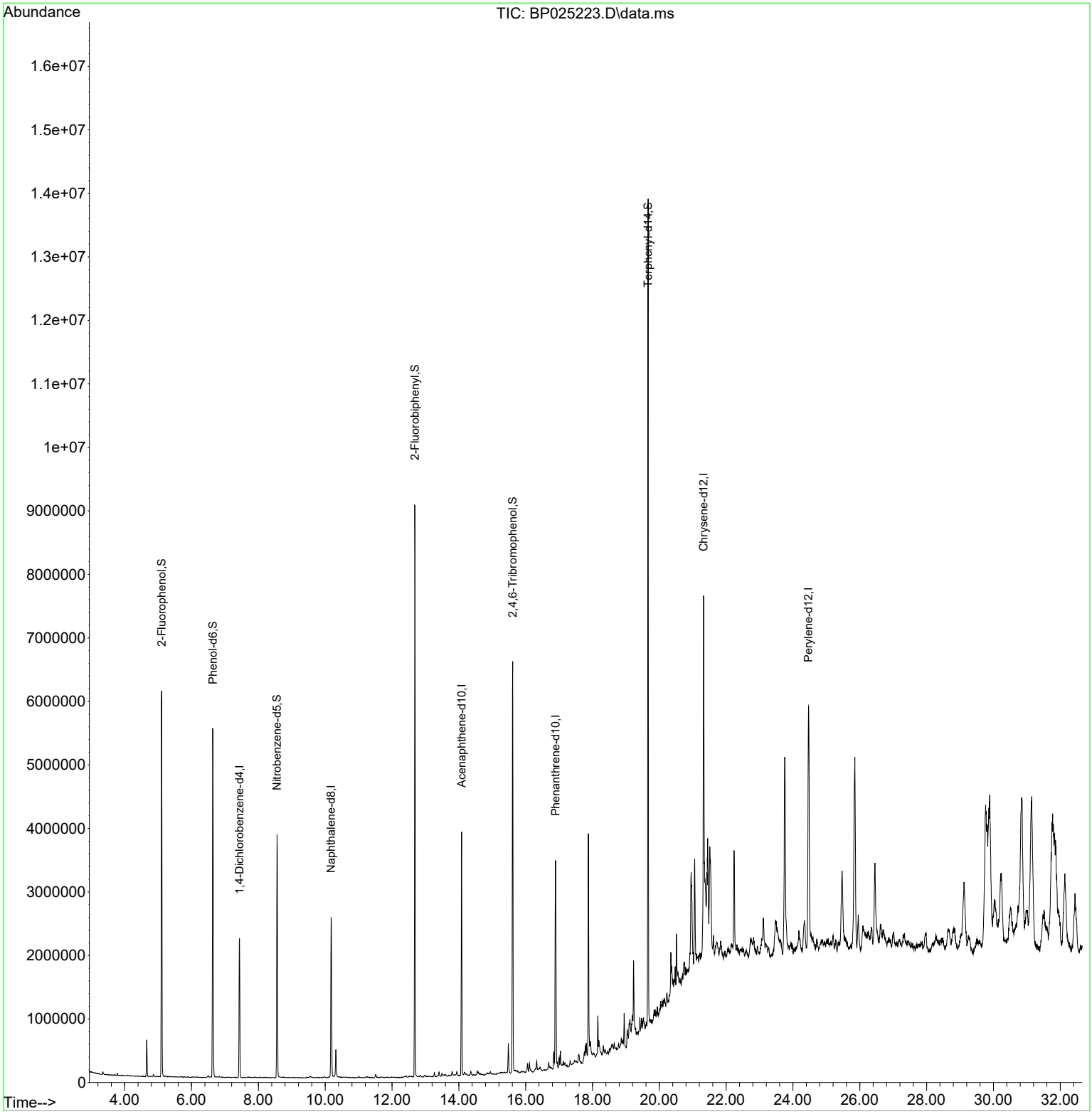
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 635401 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2349335 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.083 | 164 | 1282002 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 2536430 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.324 | 240 | 3032391 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.465 | 264 | 3690514 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.107 | 112 | 2704043 | 71.905 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 3259079 | 69.973 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 2088184 | 49.396 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1369837 | 72.480 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 4456076 | 49.003 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.666 | 244 | 5943947 | 38.694 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

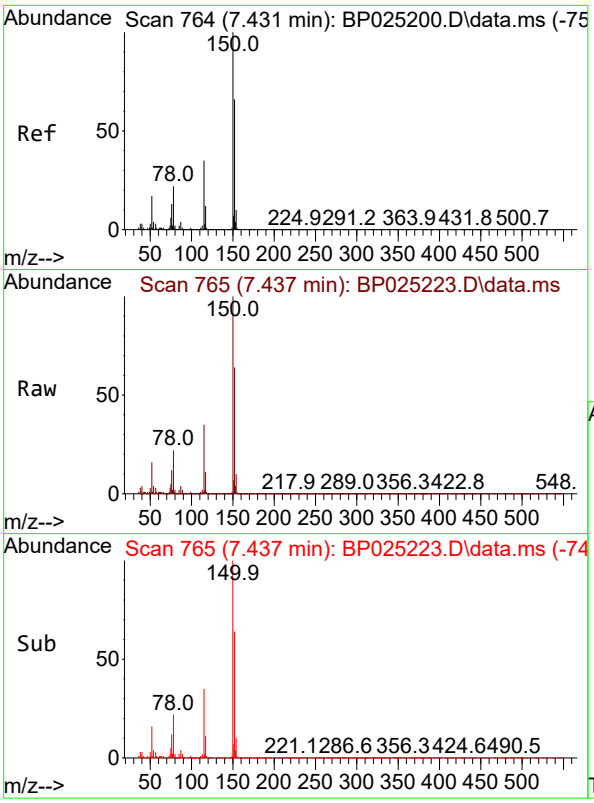
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Quant Time: Jul 23 14:59:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



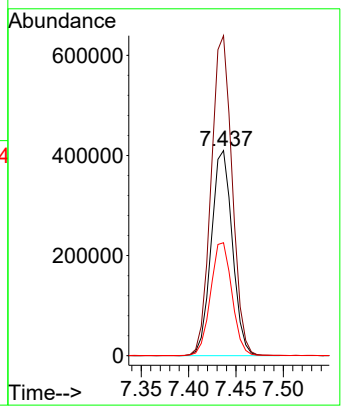


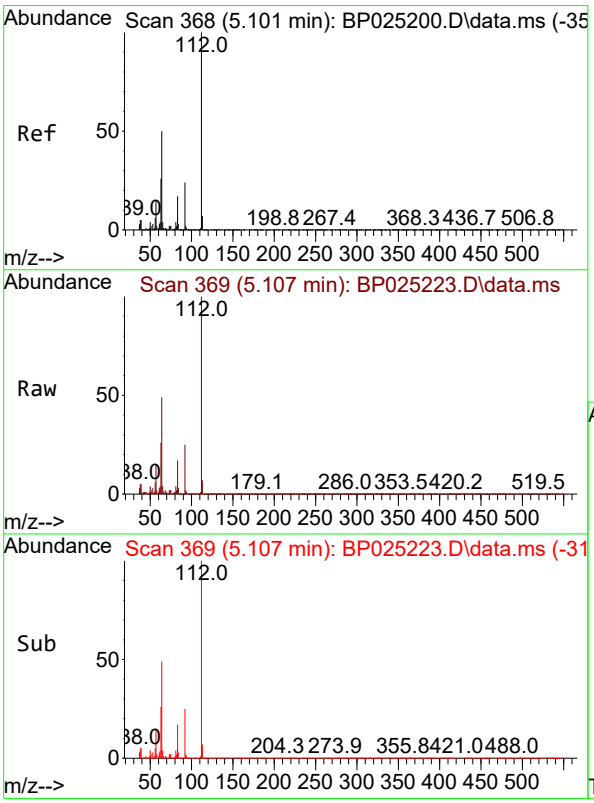

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion:152 Resp: 635401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.0 | 121.9 | 182.9 |
| 115 | 55.0 | 43.0 | 64.6 |

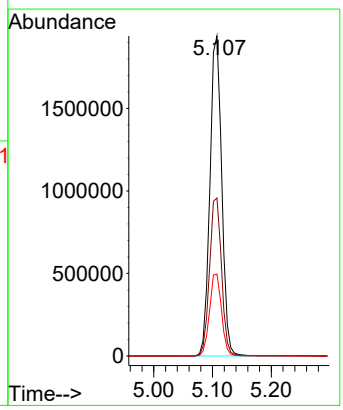


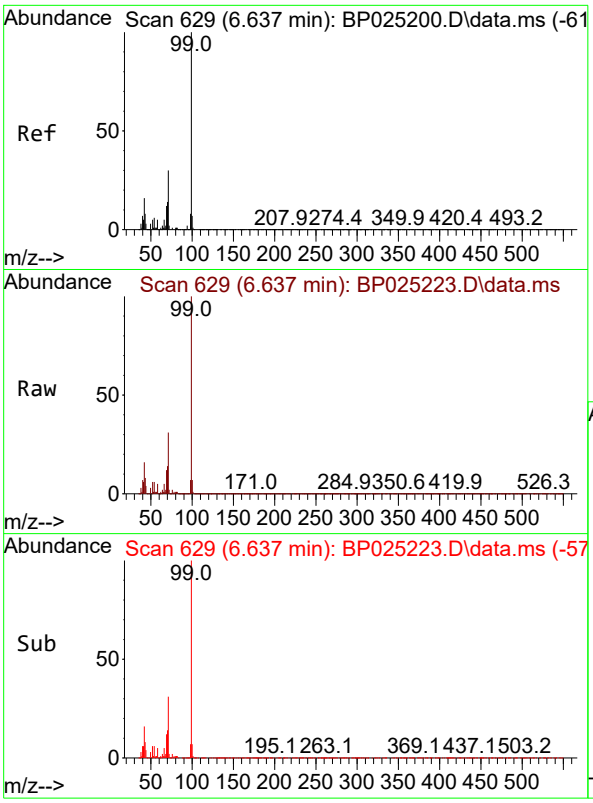




#5
2-Fluorophenol
Concen: 71.905 ng
RT: 5.107 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:112 Resp: 2704043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.3 | 39.8 | 59.6 |
| 63 | 25.6 | 20.5 | 30.7 |



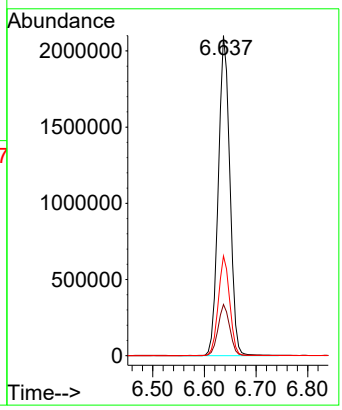


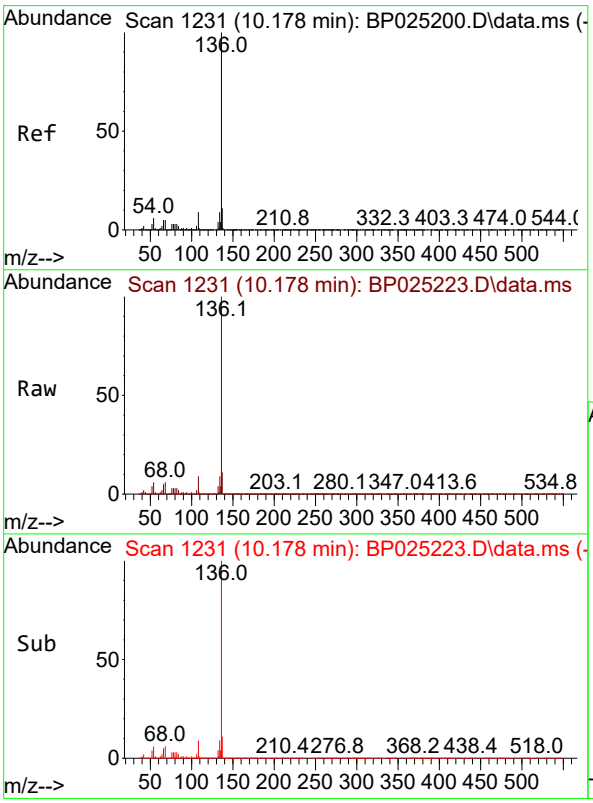

#7
Phenol-d6
Concen: 69.973 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion: 99 Resp: 3259079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.5 | 18.7 |
| 71 | 31.2 | 24.2 | 36.2 |

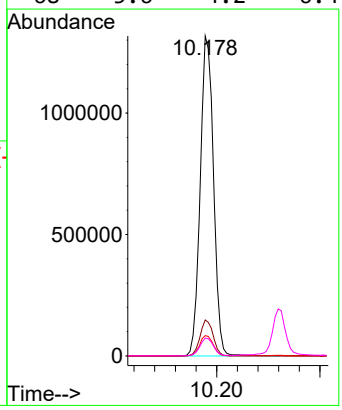


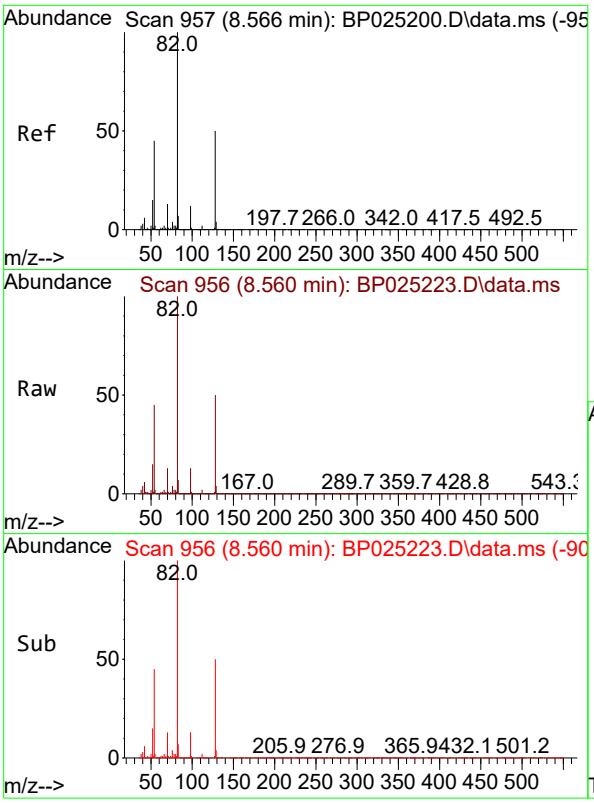




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:136 Resp: 2349335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |



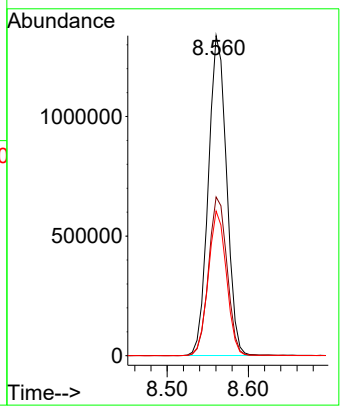


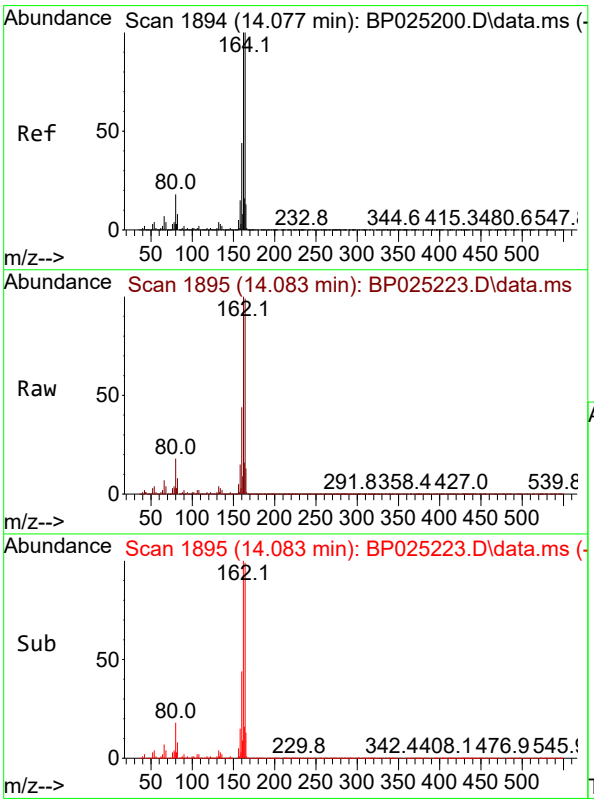

#23
Nitrobenzene-d5
Concen: 49.396 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion: 82 Resp: 2088184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.6 | 40.2 | 60.4 |
| 54 | 45.2 | 36.3 | 54.5 |

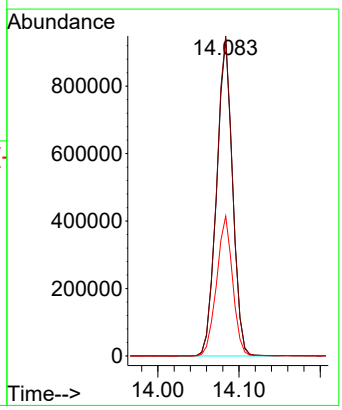


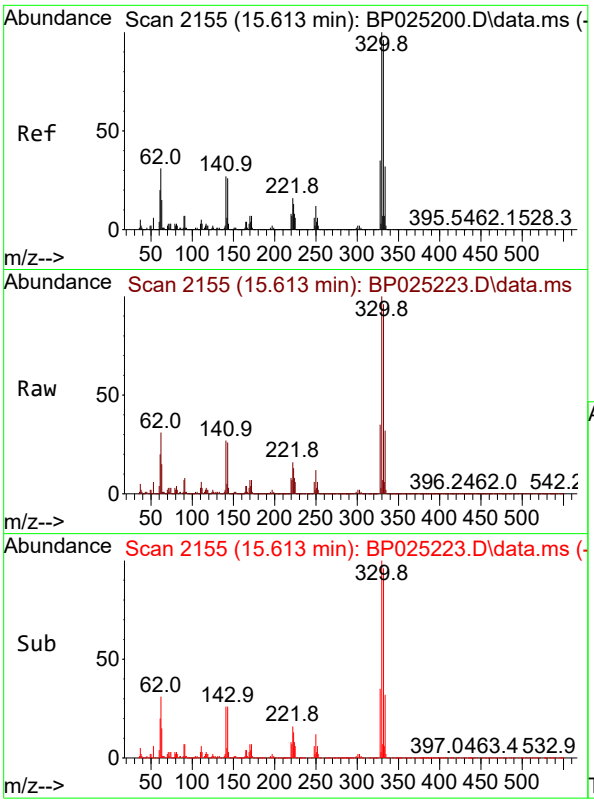




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:164 Resp: 1282002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.3 | 120.5 |
| 160 | 44.0 | 35.7 | 53.5 |



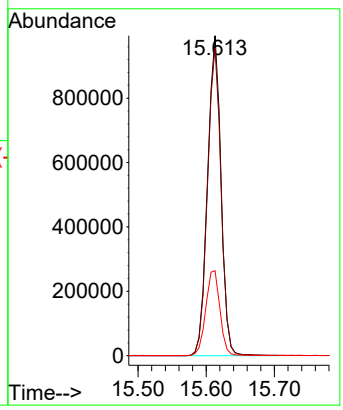


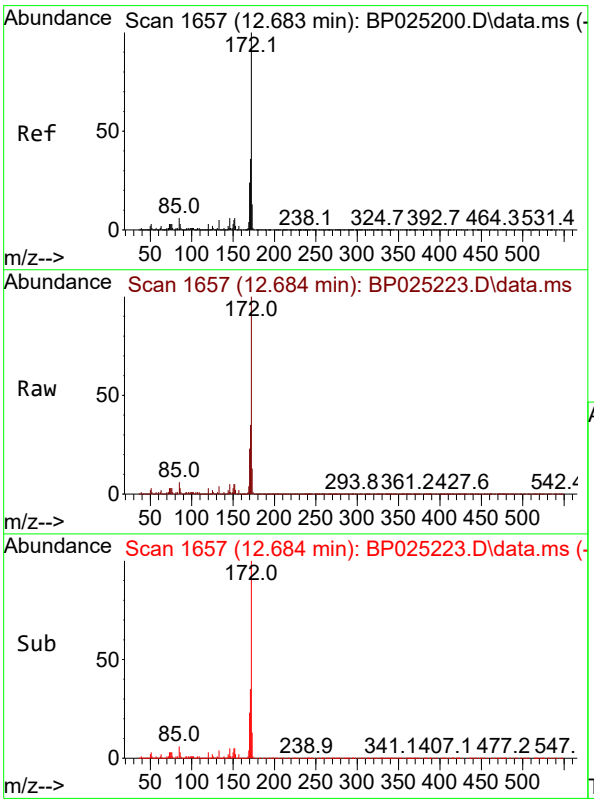

#42
2,4,6-Tribromophenol
Concen: 72.480 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion:330 Resp: 1369837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.1 | 115.7 |
| 141 | 27.9 | 22.4 | 33.6 |

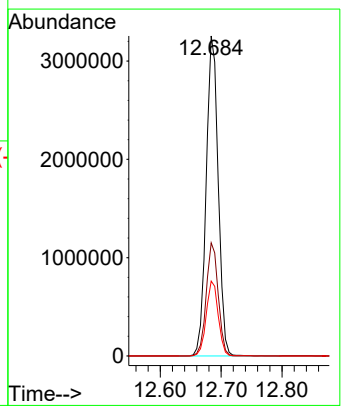


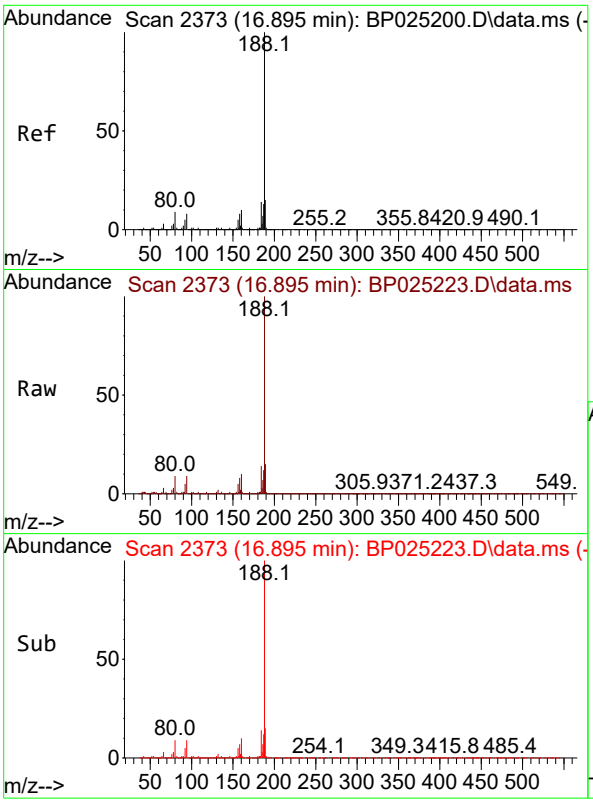




#45
2-Fluorobiphenyl
Concen: 49.003 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:172 Resp: 4456076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.4 | 19.2 | 28.8 |



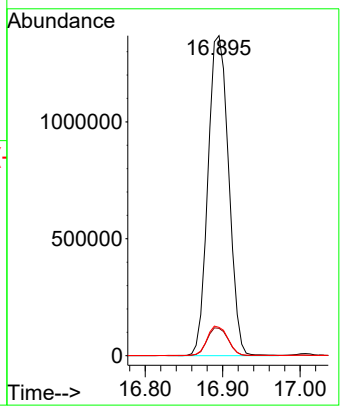


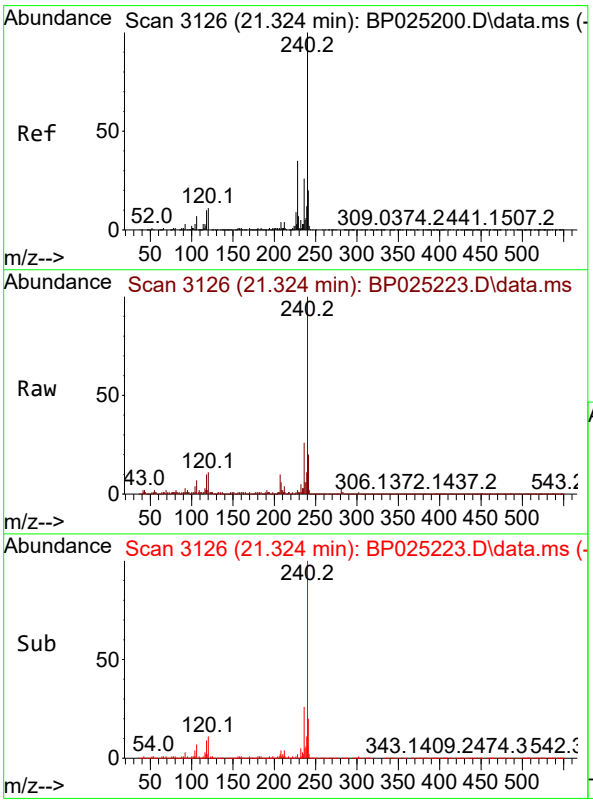

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion:188 Resp: 2536430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |

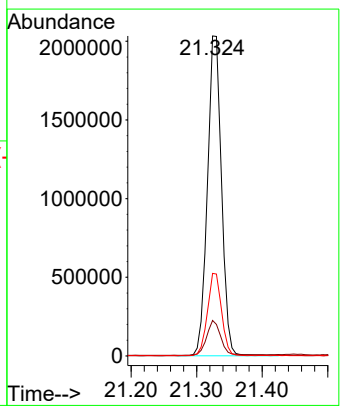


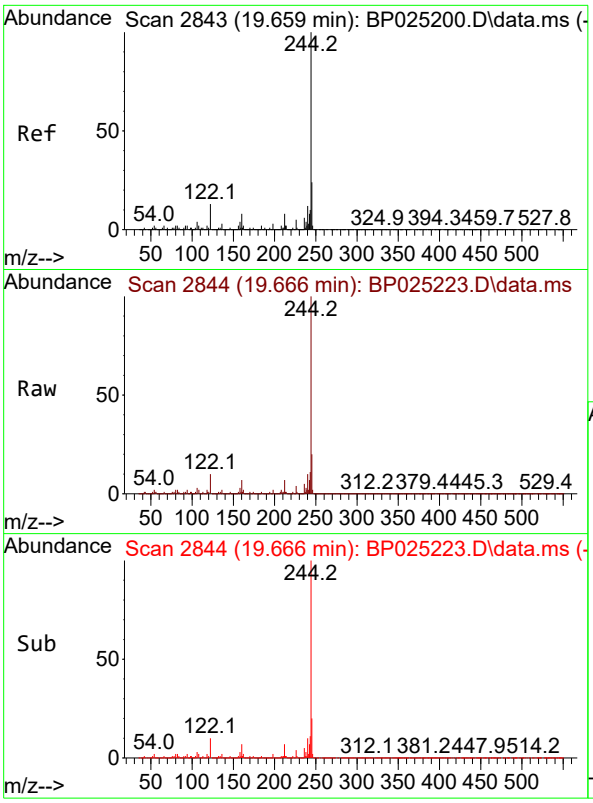




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:240 Resp: 3032391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



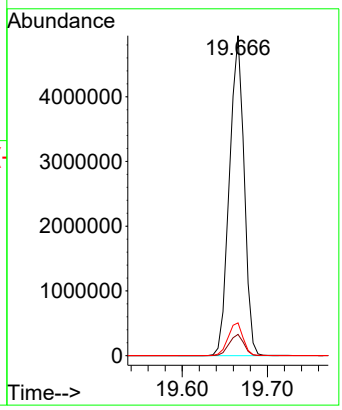


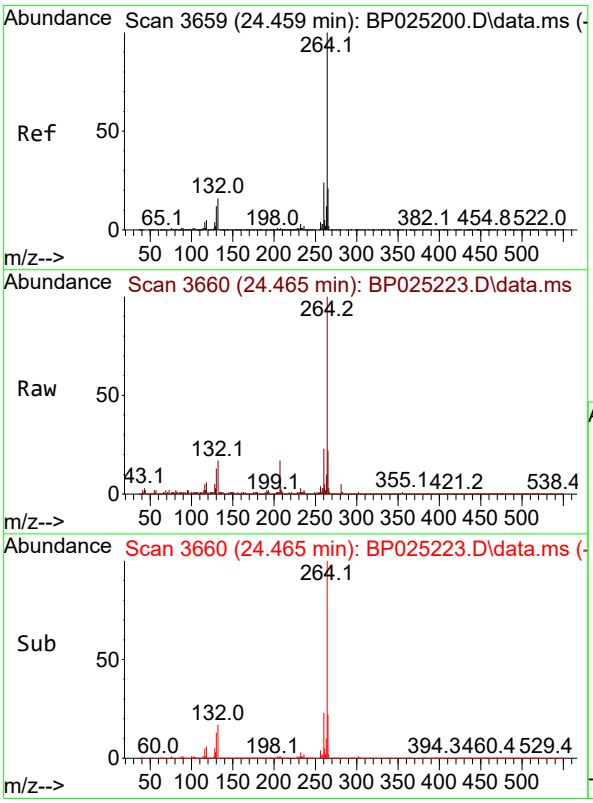

#79
Terphenyl-d14
Concen: 38.694 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Tgt Ion:244 Resp: 5943947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.6 | 9.8 |
| 122 | 10.2 | 10.3 | 15.5# |

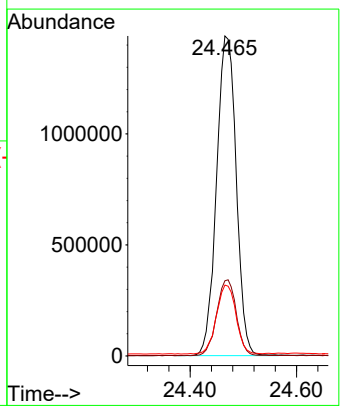



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:264 Resp: 3690514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.1 | 17.5 | 26.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025223.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.660 | 288 | 293 | 299 | rBV | 576626 | 743237 | 4.67% | 0.512% |
| 2 | 5.107 | 362 | 369 | 383 | rBV | 6078699 | 8541946 | 53.66% | 5.889% |
| 3 | 6.637 | 622 | 629 | 642 | rBV | 5491773 | 8579709 | 53.89% | 5.915% |
| 4 | 7.437 | 758 | 765 | 774 | rVB | 2191264 | 3422610 | 21.50% | 2.359% |
| 5 | 8.560 | 949 | 956 | 964 | rBV | 3829845 | 6020125 | 37.82% | 4.150% |
| 6 | 10.178 | 1223 | 1231 | 1241 | rBV | 2522316 | 4518495 | 28.38% | 3.115% |
| 7 | 10.319 | 1246 | 1255 | 1265 | rVB | 428696 | 745856 | 4.69% | 0.514% |
| 8 | 12.684 | 1650 | 1657 | 1664 | rBV | 9007549 | 12273906 | 77.10% | 8.461% |
| 9 | 14.083 | 1888 | 1895 | 1905 | rBV | 3838770 | 5289978 | 33.23% | 3.647% |
| 10 | 15.483 | 2127 | 2133 | 2143 | rVB | 470400 | 753266 | 4.73% | 0.519% |
| 11 | 15.613 | 2148 | 2155 | 2163 | rBV | 6471482 | 9196921 | 57.77% | 6.340% |
| 12 | 16.054 | 2222 | 2230 | 2236 | rBV | 135294 | 268279 | 1.69% | 0.185% |
| 13 | 16.113 | 2236 | 2240 | 2246 | rBV2 | 128864 | 193935 | 1.22% | 0.134% |
| 14 | 16.330 | 2273 | 2277 | 2283 | rVB2 | 132830 | 171087 | 1.07% | 0.118% |
| 15 | 16.842 | 2360 | 2364 | 2367 | rBV | 269225 | 371317 | 2.33% | 0.256% |
| 16 | 16.895 | 2367 | 2373 | 2379 | rVB2 | 3207978 | 6009518 | 37.75% | 4.143% |
| 17 | 17.001 | 2386 | 2391 | 2394 | rBV2 | 160129 | 243172 | 1.53% | 0.168% |
| 18 | 17.042 | 2394 | 2398 | 2403 | rVB | 233145 | 334956 | 2.10% | 0.231% |
| 19 | 17.583 | 2486 | 2490 | 2492 | rBV | 117625 | 173210 | 1.09% | 0.119% |
| 20 | 17.789 | 2522 | 2525 | 2527 | rVV | 155557 | 167314 | 1.05% | 0.115% |
| 21 | 17.819 | 2527 | 2530 | 2535 | rVB2 | 197195 | 226884 | 1.43% | 0.156% |
| 22 | 17.877 | 2535 | 2540 | 2547 | rBV | 3493609 | 4603542 | 28.92% | 3.174% |
| 23 | 18.160 | 2584 | 2588 | 2591 | rBV | 593610 | 695835 | 4.37% | 0.480% |
| 24 | 18.189 | 2591 | 2593 | 2602 | rVB5 | 195331 | 361109 | 2.27% | 0.249% |
| 25 | 18.948 | 2718 | 2722 | 2732 | rVB | 544898 | 765553 | 4.81% | 0.528% |
| 26 | 19.042 | 2734 | 2738 | 2743 | rBV | 255419 | 545870 | 3.43% | 0.376% |
| 27 | 19.101 | 2744 | 2748 | 2750 | rBV4 | 238016 | 399725 | 2.51% | 0.276% |
| 28 | 19.230 | 2767 | 2770 | 2778 | rVB | 1087609 | 1467236 | 9.22% | 1.011% |
| 29 | 19.666 | 2838 | 2844 | 2851 | rBV | 13018055 | 15919709 | 100.00% | 10.974% |
| 30 | 20.348 | 2957 | 2960 | 2963 | rBV | 551214 | 702556 | 4.41% | 0.484% |
| 31 | 20.513 | 2985 | 2988 | 2993 | rBV | 804714 | 1077788 | 6.77% | 0.743% |
| 32 | 20.954 | 3058 | 3063 | 3072 | rBV7 | 1295951 | 3274954 | 20.57% | 2.258% |
| 33 | 21.060 | 3077 | 3081 | 3091 | rVB2 | 1580120 | 2537581 | 15.94% | 1.749% |
| 34 | 21.324 | 3121 | 3126 | 3132 | rBV | 5229299 | 8694945 | 54.62% | 5.994% |
| 35 | 21.448 | 3141 | 3147 | 3153 | rVB4 | 1347057 | 2721194 | 17.09% | 1.876% |
| 36 | 21.512 | 3155 | 3158 | 3172 | rVB4 | 1604408 | 4695854 | 29.50% | 3.237% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 22.236 | 3276 | 3281 | 3290 | rVB2 | 1567462 | 2994626 | 18.81% | 2.064% |
| 38 | 23.754 | 3533 | 3539 | 3552 | rVB | 2940061 | 7187728 | 45.15% | 4.955% |
| 39 | 24.465 | 3653 | 3660 | 3670 | rBV | 3676557 | 9424327 | 59.20% | 6.497% |
| 40 | 25.853 | 3888 | 3896 | 3906 | rVB2 | 3009890 | 8745419 | 54.93% | 6.029% |

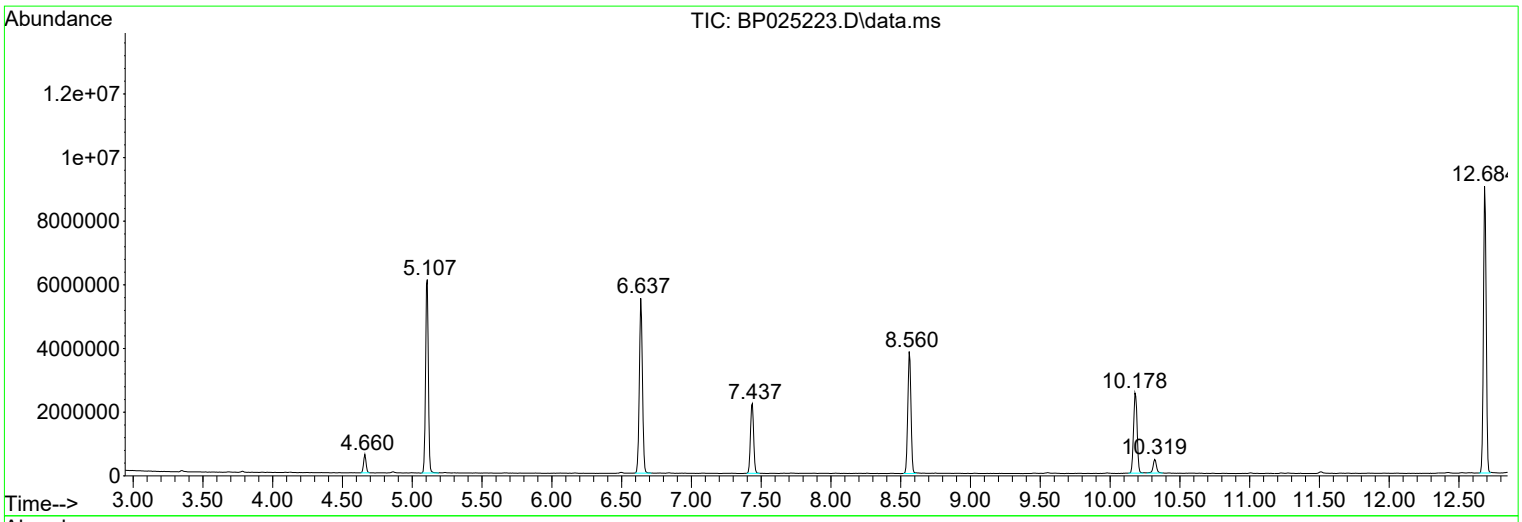
Sum of corrected areas: 145061272

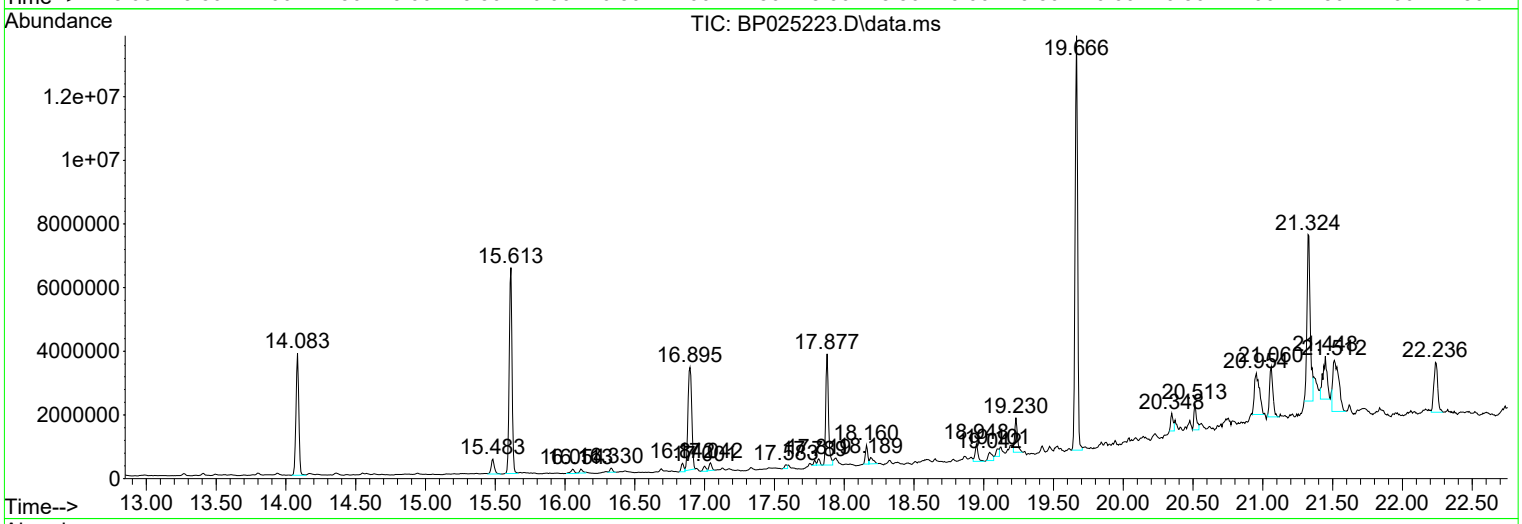
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

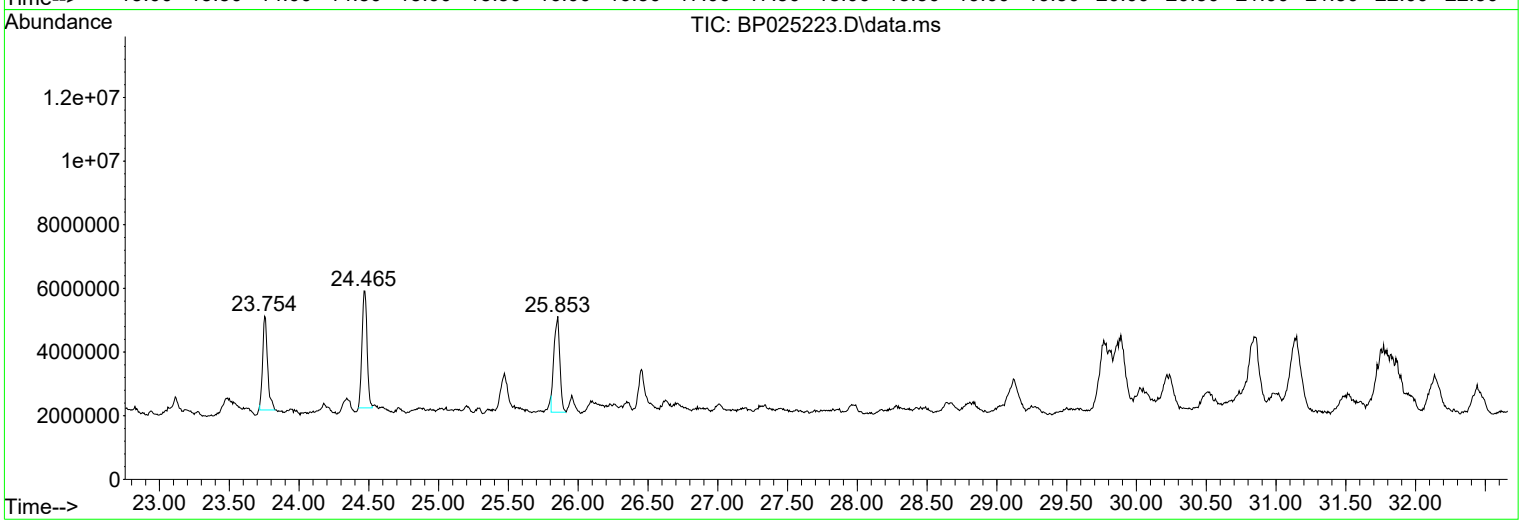
**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025223.D
Acq On : 23 Jul 2025 14:09
Operator : CG/JU
Sample : Q2639-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-44-071725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

# CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.622 | 0.582 | 0.614 | 0.600 | 0.625 | 0.584 | 0.558 | 0.598 | 4.09 |
| 3) | | Pyridine | | 1.631 | 1.557 | 1.551 | 1.530 | 1.618 | 1.525 | 1.452 | 1.552 | 3.88 |
| 4) | | n-Nitrosodimet... | | | 0.776 | 0.799 | 0.810 | 0.851 | 0.804 | 0.768 | 0.801 | 3.66 |
| 5) | S | 2-Fluorophenol | | 1.385 | 1.313 | 1.319 | 1.231 | 1.284 | 1.194 | 1.121 | 1.264 | 7.00 |
| 6) | | Aniline | | 2.334 | 2.259 | 2.273 | 2.204 | 2.292 | 2.139 | 2.018 | 2.217 | 4.86 |
| 7) | S | Phenol-d6 | | 1.733 | 1.640 | 1.657 | 1.554 | 1.632 | 1.506 | 1.413 | 1.591 | 6.72 |
| 8) | | 2-Chlorophenol | | 1.391 | 1.343 | 1.371 | 1.310 | 1.369 | 1.284 | 1.205 | 1.325 | 4.87 |
| 9) | | Benzaldehyde | | | 1.167 | 1.163 | 1.443 | 1.411 | 1.122 | 0.851 | 1.193 | 18.13 |
| 10) | C | Phenol | | 1.882 | 1.767 | 1.776 | 1.711 | 1.788 | 1.675 | 1.531 | 1.733 | 6.37 |
| 11) | | bis(2-Chloroet... | | 1.419 | 1.343 | 1.379 | 1.303 | 1.361 | 1.281 | 1.203 | 1.327 | 5.40 |
| 12) | | 1,3-Dichlorobe... | | 1.572 | 1.513 | 1.494 | 1.401 | 1.466 | 1.362 | 1.266 | 1.439 | 7.18 |
| 13) | C | 1,4-Dichlorobe... | | 1.602 | 1.518 | 1.502 | 1.418 | 1.473 | 1.357 | 1.275 | 1.449 | 7.52 |
| 14) | | 1,2-Dichlorobe... | | 1.509 | 1.413 | 1.445 | 1.343 | 1.413 | 1.303 | 1.223 | 1.378 | 6.96 |
| 15) | | Benzyl Alcohol | | | 1.214 | 1.246 | 1.215 | 1.278 | 1.193 | 1.141 | 1.215 | 3.85 |
| 16) | | 2,2'-oxybis(1-... | | 2.670 | 2.553 | 2.545 | 2.421 | 2.517 | 2.343 | 2.182 | 2.461 | 6.55 |
| 17) | | 2-Methylphenol | | 1.178 | 1.111 | 1.141 | 1.097 | 1.160 | 1.084 | 1.026 | 1.114 | 4.61 |
| 18) | | Hexachloroethane | | 0.522 | 0.498 | 0.522 | 0.495 | 0.525 | 0.491 | 0.460 | 0.502 | 4.68 |
| 19) | P | n-Nitroso-di-n... | 1.101 | 1.111 | 1.051 | 1.028 | 0.986 | 1.023 | 0.953 | 0.912 | 1.021 | 6.76 |
| 20) | | 3+4-Methylphenols | | | 1.467 | 1.469 | 1.341 | 1.402 | 1.268 | 1.162 | 1.351 | 8.95 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.527 | 0.504 | 0.501 | 0.455 | 0.476 | 0.442 | 0.409 | 0.474 | 8.65 |
| 23) | S | Nitrobenzene-d5 | | 0.407 | 0.394 | 0.417 | 0.399 | 0.417 | 0.397 | 0.378 | 0.401 | 3.47 |
| 24) | | Nitrobenzene | | 0.380 | 0.370 | 0.388 | 0.375 | 0.388 | 0.373 | 0.345 | 0.374 | 3.88 |
| 25) | | Isophorone | | 0.748 | 0.707 | 0.711 | 0.692 | 0.734 | 0.699 | 0.667 | 0.708 | 3.75 |
| 26) | C | 2-Nitrophenol | | 0.133 | 0.141 | 0.164 | 0.172 | 0.182 | 0.177 | 0.168 | 0.162 | 11.25 |
| 27) | | 2,4-Dimethylph... | | 0.356 | 0.340 | 0.341 | 0.324 | 0.338 | 0.319 | 0.298 | 0.331 | 5.70 |
| 28) | | bis(2-Chloroet... | | 0.463 | 0.437 | 0.442 | 0.413 | 0.430 | 0.405 | 0.383 | 0.425 | 6.28 |
| 29) | C | 2,4-Dichloroph... | | 0.292 | 0.282 | 0.287 | 0.276 | 0.289 | 0.271 | 0.256 | 0.279 | 4.44 |
| 30) | | 1,2,4-Trichlor... | | 0.329 | 0.307 | 0.318 | 0.294 | 0.303 | 0.290 | 0.270 | 0.302 | 6.43 |
| 31) | | Naphthalene | | 1.118 | 1.038 | 1.032 | 0.954 | 0.986 | 0.916 | 0.851 | 0.985 | 8.91 |
| 32) | | Benzoic acid | | | 0.104 | 0.149 | 0.180 | 0.197 | 0.187 | 0.194 | 0.169 | 21.36 |
| 33) | | 4-Chloroaniline | | 0.437 | 0.417 | 0.419 | 0.390 | 0.408 | 0.383 | 0.361 | 0.402 | 6.33 |
| 34) | C | Hexachlorobuta... | | 0.193 | 0.190 | 0.191 | 0.181 | 0.188 | 0.179 | 0.169 | 0.184 | 4.59 |
| 35) | | Caprolactam | | | 0.078 | 0.084 | 0.087 | 0.091 | 0.085 | 0.082 | 0.084 | 5.35 |
| 36) | C | 4-Chloro-3-met... | | 0.319 | 0.310 | 0.307 | 0.301 | 0.311 | 0.294 | 0.282 | 0.303 | 4.04 |
| 37) | | 2-Methylnaphth... | | 0.667 | 0.634 | 0.628 | 0.580 | 0.603 | 0.561 | 0.522 | 0.599 | 8.17 |
| 38) | | 1-Methylnaphth... | | 0.682 | 0.652 | 0.650 | 0.599 | 0.621 | 0.579 | 0.537 | 0.617 | 8.05 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.638 | 0.598 | 0.601 | 0.550 | 0.582 | 0.558 | 0.515 | 0.577 | 6.93 |
| 41) | P | Hexachlorocycl... | | 0.337 | 0.373 | 0.373 | 0.404 | 0.393 | 0.374 | 0.376 | 6.14 |
| 42) | S | 2,4,6-Tribromo... | 0.200 | 0.202 | 0.212 | 0.210 | 0.218 | 0.206 | 0.198 | 0.207 | 3.55 |
| 43) | C | 2,4,6-Trichlor... | 0.391 | 0.406 | 0.412 | 0.384 | 0.429 | 0.401 | 0.374 | 0.400 | 4.63 |
| 44) | | 2,4,5-Trichlor... | 0.404 | 0.387 | 0.411 | 0.405 | 0.411 | 0.395 | 0.384 | 0.400 | 2.76 |
| 45) | S | 2-Fluorobiphenyl | 1.761 | 1.644 | 1.547 | 1.358 | 1.414 | 1.323 | 1.190 | 1.462 | 13.58 |
| 46) | | 1,1'-Biphenyl | 1.748 | 1.667 | 1.640 | 1.489 | 1.553 | 1.472 | 1.353 | 1.560 | 8.62 |
| 47) | | 2-Chloronaphth... | 1.268 | 1.223 | 1.192 | 1.103 | 1.166 | 1.104 | 1.026 | 1.155 | 7.14 |
| 48) | | 2-Nitroaniline | 0.305 | 0.333 | 0.372 | 0.377 | 0.396 | 0.386 | 0.366 | 0.362 | 8.85 |
| 49) | | Acenaphthylene | 2.134 | 2.052 | 2.011 | 1.860 | 1.958 | 1.834 | 1.694 | 1.935 | 7.71 |
| 50) | | Dimethylphthalate | 1.422 | 1.340 | 1.340 | 1.279 | 1.325 | 1.251 | 1.169 | 1.304 | 6.16 |
| 51) | | 2,6-Dinitrotol... | 0.225 | 0.250 | 0.272 | 0.278 | 0.289 | 0.277 | 0.266 | 0.265 | 8.14 |
| 52) | C | Acenaphthene | 1.278 | 1.194 | 1.184 | 1.096 | 1.155 | 1.083 | 1.016 | 1.144 | 7.53 |
| 53) | | 3-Nitroaniline | 0.285 | 0.300 | 0.315 | 0.317 | 0.334 | 0.318 | 0.303 | 0.310 | 5.13 |
| 54) | P | 2,4-Dinitrophenol | | 0.051 | 0.081 | 0.104 | 0.116 | 0.118 | 0.121 | 0.098 | 28.02 |
| 55) | | Dibenzofuran | 1.929 | 1.807 | 1.766 | 1.633 | 1.698 | 1.587 | 1.465 | 1.698 | 9.02 |
| 56) | P | 4-Nitrophenol | | 0.200 | 0.228 | 0.246 | 0.250 | 0.237 | 0.229 | 0.232 | 7.70 |
| 57) | | 2,4-Dinitrotol... | 0.269 | 0.296 | 0.342 | 0.354 | 0.372 | 0.354 | 0.341 | 0.333 | 11.03 |
| 58) | | Fluorene | 1.480 | 1.402 | 1.322 | 1.212 | 1.257 | 1.161 | 1.086 | 1.274 | 10.79 |
| 59) | | 2,3,4,6-Tetrac... | 0.321 | 0.331 | 0.345 | 0.333 | 0.351 | 0.329 | 0.309 | 0.331 | 4.30 |
| 60) | | Diethylphthalate | 1.377 | 1.322 | 1.335 | 1.269 | 1.329 | 1.231 | 1.158 | 1.289 | 5.81 |
| 61) | | 4-Chlorophenyl... | 0.710 | 0.670 | 0.657 | 0.612 | 0.633 | 0.601 | 0.558 | 0.635 | 7.86 |
| 62) | | 4-Nitroaniline | 0.236 | 0.255 | 0.266 | 0.280 | 0.289 | 0.270 | 0.265 | 0.266 | 6.44 |
| 63) | | Azobenzene | 1.452 | 1.401 | 1.389 | 1.320 | 1.364 | 1.278 | 1.196 | 1.343 | 6.38 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.054 | 0.087 | 0.097 | 0.110 | 0.109 | 0.109 | 0.094 | 22.88 |
| 66) | c | n-Nitrosodiphe... | 0.761 | 0.728 | 0.721 | 0.674 | 0.726 | 0.685 | 0.634 | 0.704 | 6.03 |
| 67) | | 4-Bromophenyl-... | 0.252 | 0.238 | 0.241 | 0.228 | 0.247 | 0.239 | 0.223 | 0.238 | 4.26 |
| 68) | | Hexachlorobenzene | 0.269 | 0.248 | 0.252 | 0.239 | 0.258 | 0.245 | 0.233 | 0.249 | 4.80 |
| 69) | | Atrazine | 0.184 | 0.187 | 0.198 | 0.196 | 0.208 | 0.197 | 0.189 | 0.194 | 4.32 |
| 70) | C | Pentachlorophenol | | 0.119 | 0.146 | 0.148 | 0.160 | 0.155 | 0.150 | 0.147 | 9.70 |
| 71) | | Phenanthrene | 1.191 | 1.100 | 1.117 | 1.020 | 1.069 | 1.002 | 0.934 | 1.062 | 7.98 |
| 72) | | Anthracene | 1.184 | 1.136 | 1.134 | 1.038 | 1.095 | 1.038 | 0.956 | 1.083 | 7.13 |
| 73) | | Carbazole | 1.042 | 0.969 | 0.982 | 0.929 | 0.963 | 0.899 | 0.836 | 0.946 | 6.93 |
| 74) | | Di-n-butylphth... | 1.076 | 1.054 | 1.129 | 1.074 | 1.119 | 1.048 | 0.990 | 1.070 | 4.36 |
| 75) | C | Fluoranthene | 1.085 | 0.987 | 1.018 | 0.953 | 0.979 | 0.928 | 0.873 | 0.975 | 6.91 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.758 | 0.844 | 0.953 | 0.697 | 0.601 | | 0.771 | 17.53 |
| 78) | | Pyrene | 1.909 | 1.783 | 1.783 | 1.715 | 1.740 | 1.523 | 1.494 | 1.707 | 8.72 |
| 79) | S | Terphenyl-d14 | 1.567 | 1.456 | 1.419 | 1.311 | 1.342 | 1.191 | 1.122 | 1.344 | 11.43 |
| 80) | | Butylbenzylpht... | 0.438 | 0.472 | 0.536 | 0.544 | 0.582 | 0.556 | 0.532 | 0.523 | 9.61 |
| 81) | | Benzo(a)anthra... | 1.374 | 1.367 | 1.381 | 1.282 | 1.422 | 1.313 | 1.235 | 1.339 | 4.86 |
| 82) | | 3,3'-Dichlorob... | | 0.437 | 0.495 | 0.429 | 0.476 | 0.440 | 0.401 | 0.446 | 7.58 |
| 83) | | Chrysene | 1.282 | 1.174 | 1.247 | 1.206 | 1.218 | 1.173 | 1.127 | 1.204 | 4.29 |
| 84) | | Bis(2-ethylhex... | 0.691 | 0.755 | 0.824 | 0.789 | 0.862 | 0.826 | 0.789 | 0.791 | 7.03 |
| 85) | c | Di-n-octyl pht... | | 1.274 | 1.428 | 1.384 | 1.550 | 1.508 | 1.461 | 1.434 | 6.83 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.424 | 1.336 | 1.430 | 1.413 | 1.505 | 1.411 | 1.352 | 1.410 | 3.92 |
| 88) | | Benzo(b)fluora... | 1.231 | 1.136 | 1.287 | 1.147 | 1.352 | 1.188 | 1.212 | 1.222 | 6.30 |
| 89) | | Benzo(k)fluora... | 1.168 | 1.152 | 1.093 | 1.134 | 1.069 | 1.080 | 0.937 | 1.090 | 7.10 |
| 90) | C | Benzo(a)pyrene | 1.129 | 1.102 | 1.147 | 1.121 | 1.192 | 1.121 | 1.070 | 1.126 | 3.35 |
| 91) | | Dibenzo(a,h)an... | 1.159 | 1.103 | 1.179 | 1.147 | 1.221 | 1.140 | 1.087 | 1.148 | 3.92 |
| 92) | | Benzo(g,h,i)pe... | 1.100 | 1.047 | 1.140 | 1.109 | 1.196 | 1.113 | 1.067 | 1.110 | 4.37 |

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

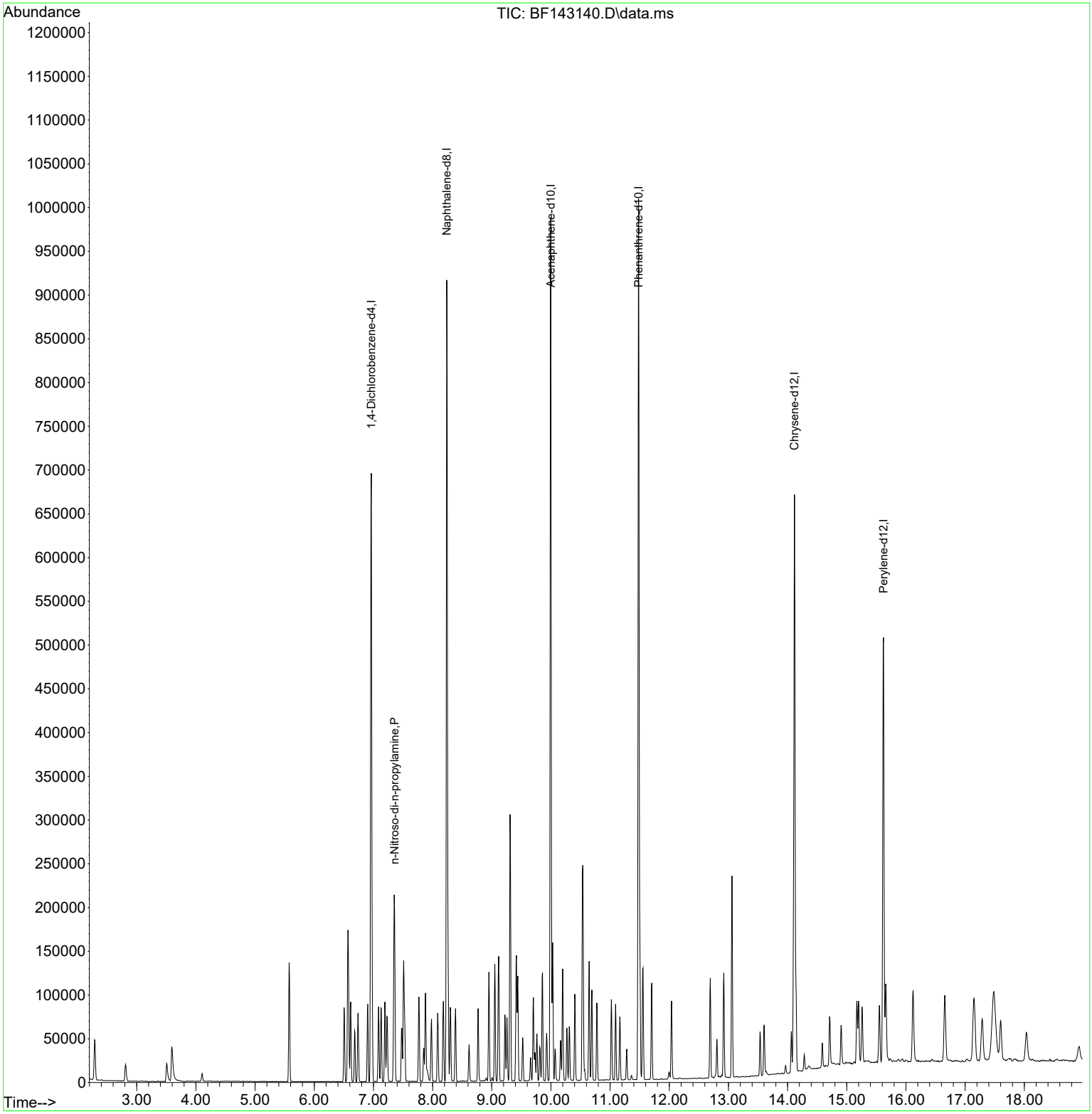
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 139766 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.240 | 136 | 547280 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 293149 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.481 | 188 | 492765 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.116 | 240 | 283469 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 284847 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 0.000 | 112 | 0d | 0.000 | ng | |
| 7) Phenol-d6 | 0.000 | 99 | 0d | 0.000 | ng | |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | |
| 45) 2-Fluorobiphenyl | 0.000 | 172 | 0d | 0.000 | ng | |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 7.357 | 70 | 19227 | 2.696 | ng | 96 |

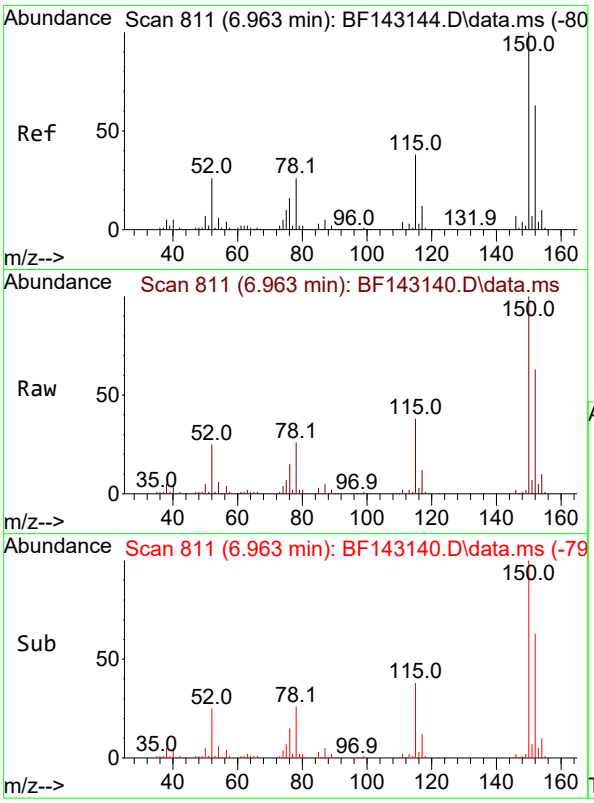
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



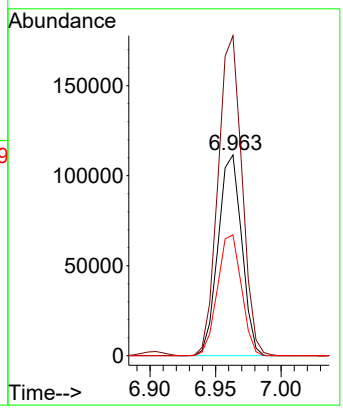


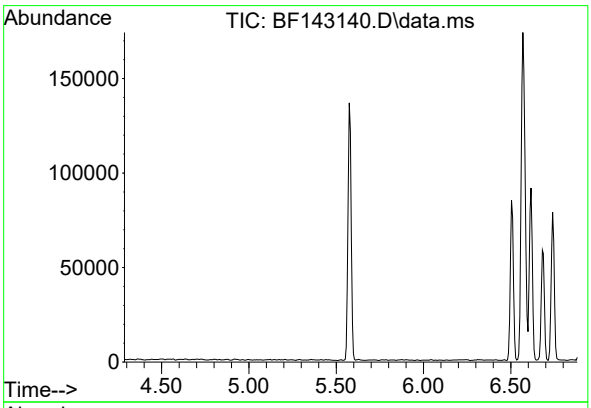

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 139766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.4 | 128.2 | 192.4 |
| 115 | 60.2 | 47.9 | 71.9 |



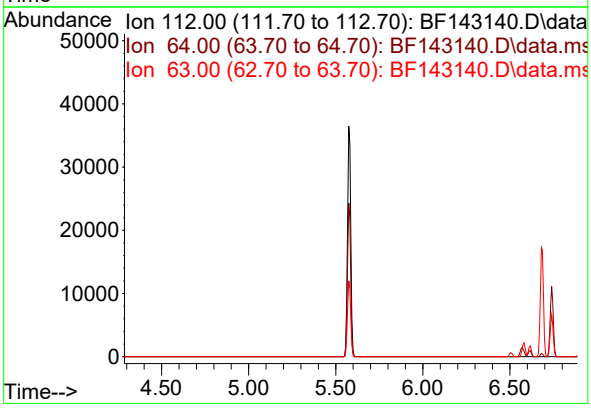



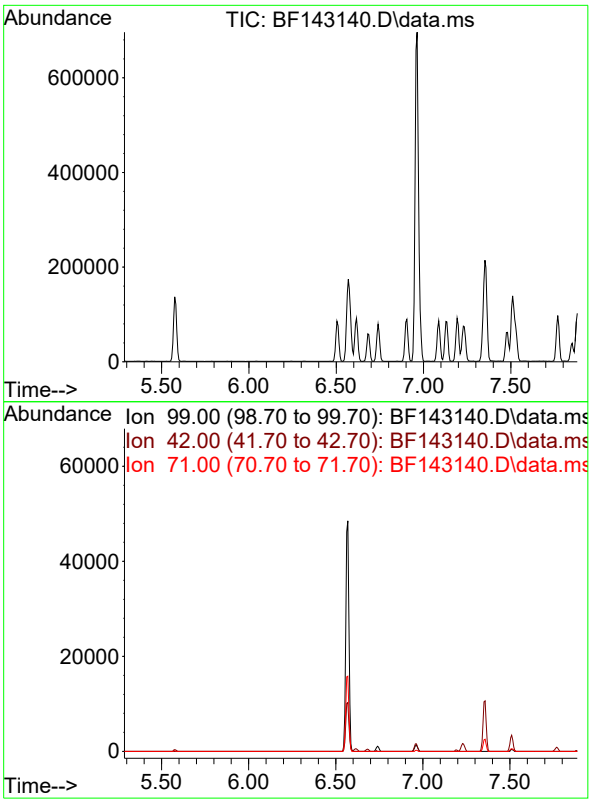

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 66.4 |
| 63 | 33.3 |





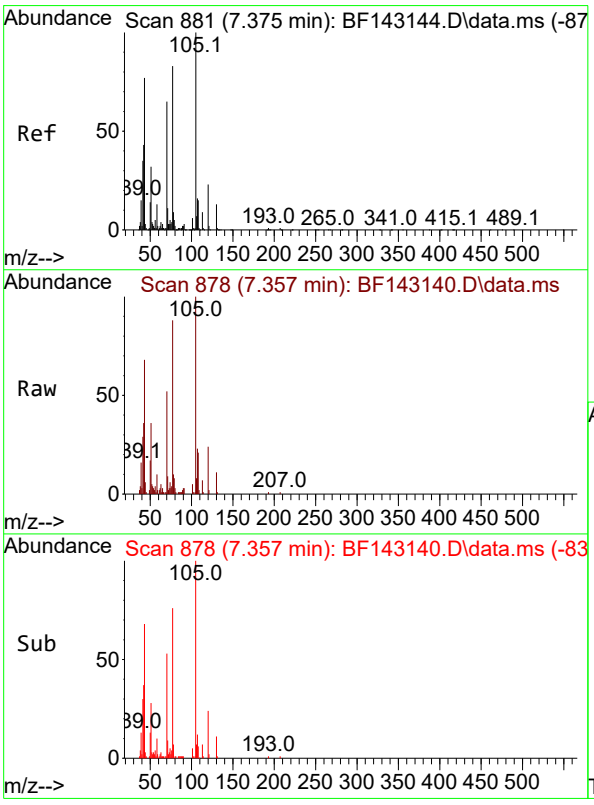

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

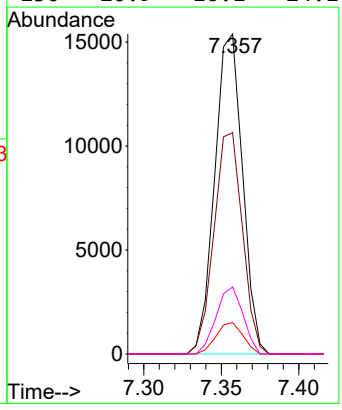
| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 21.3 |
| 71 | 34.6 |

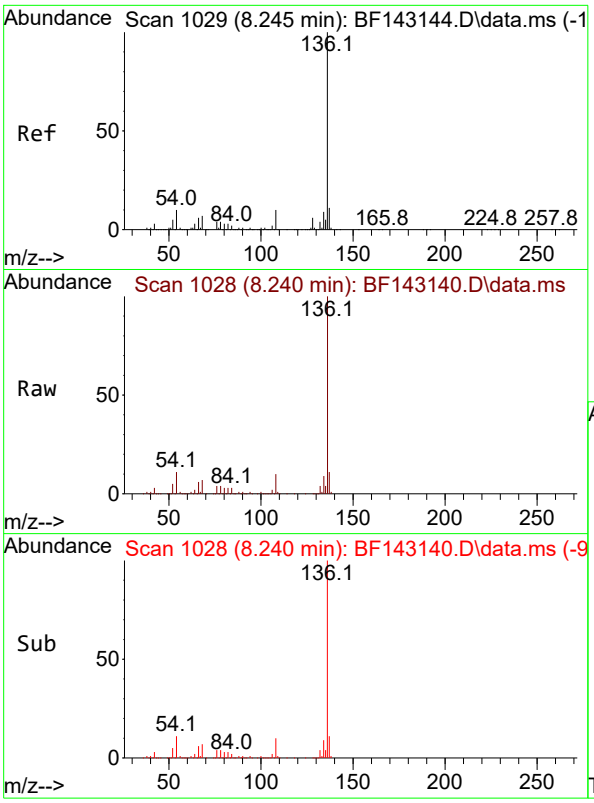



#19
n-Nitroso-di-n-propylamine
Concen: 2.696 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.017 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.2 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.9 | 16.1 | 24.1 |



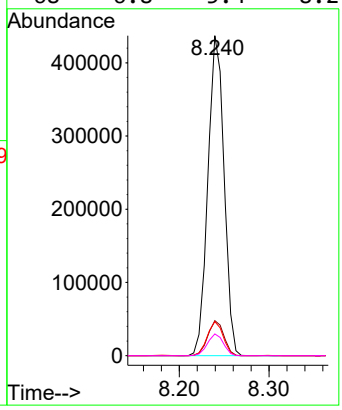


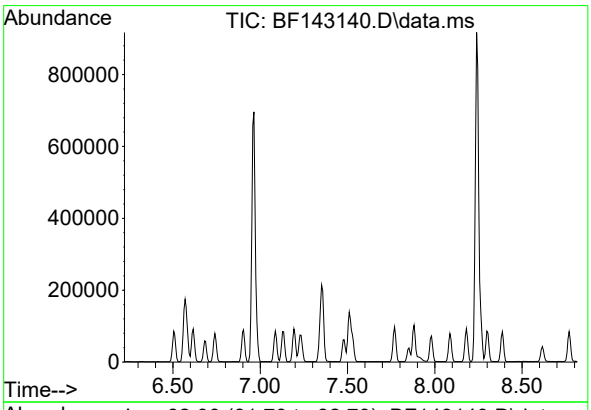

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 547280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |



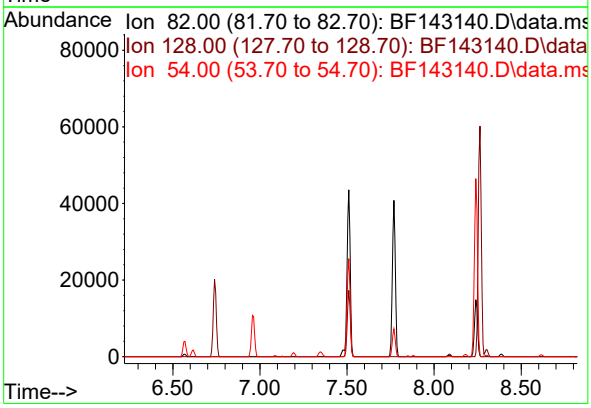



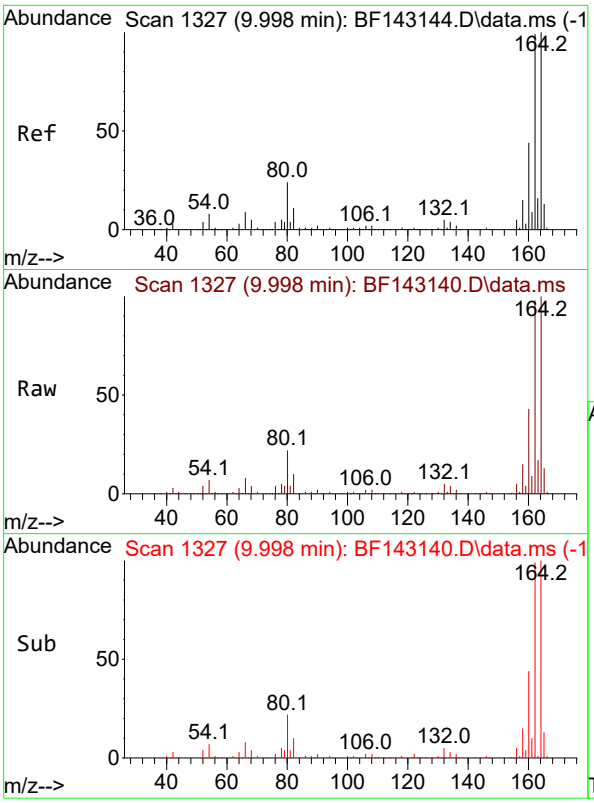

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.52 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 42.0 |
| 54 | 58.9 |



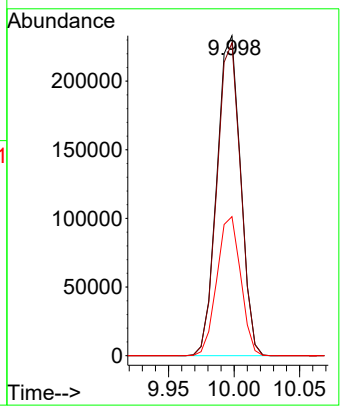


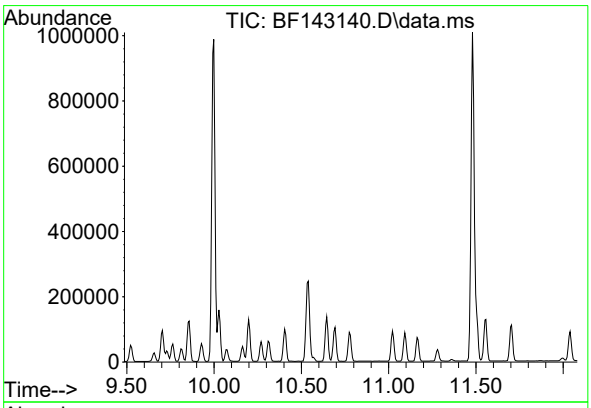

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 293149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.7 | 79.0 | 118.6 |
| 160 | 43.5 | 35.1 | 52.7 |



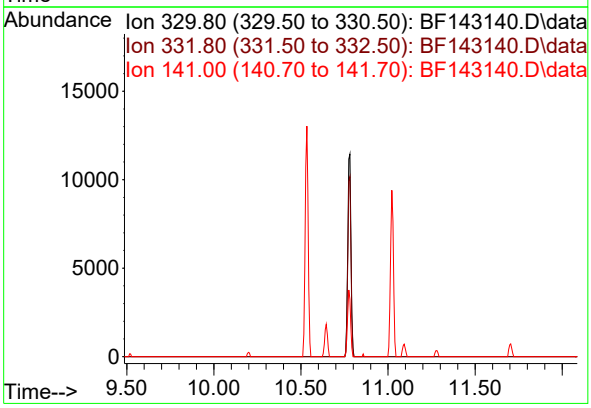



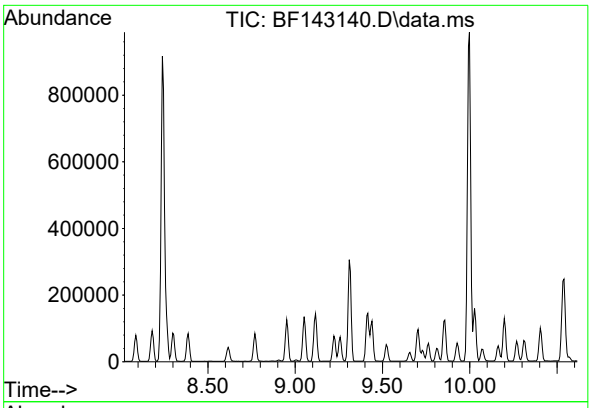

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 95.9 |
| 141 | 29.1 |





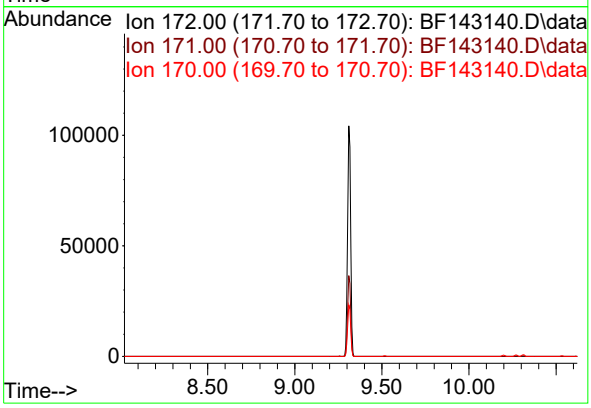

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min

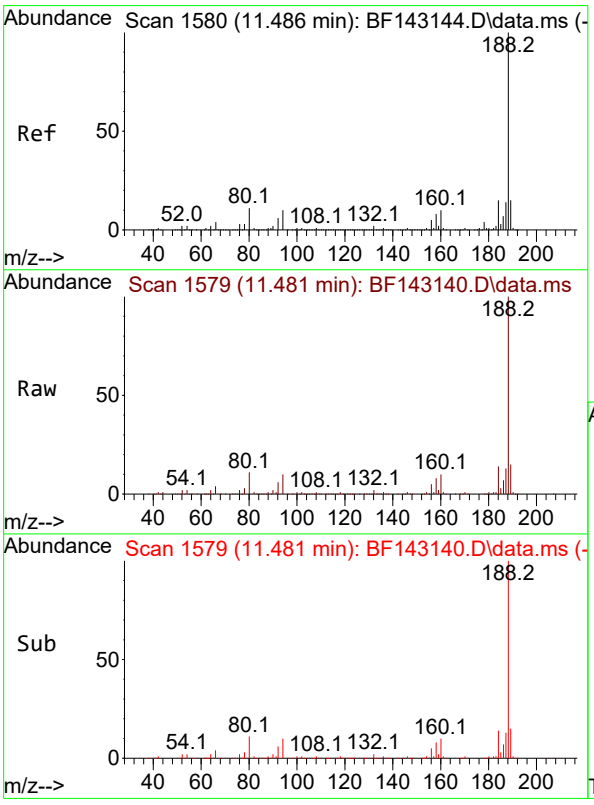
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 35.7 |
| 170 | 23.5 |

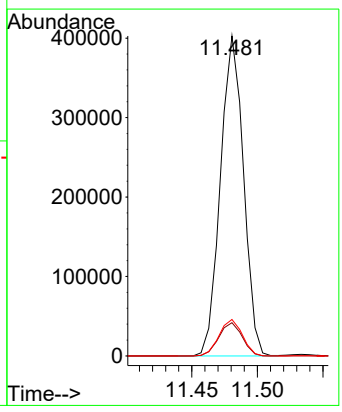


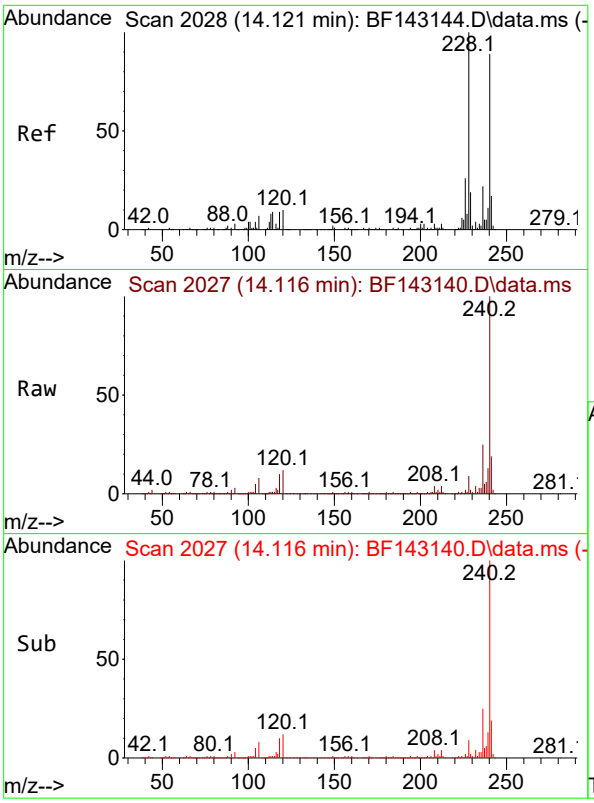




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion:188 Resp: 492765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 8.3 | 12.5 |
| 80 | 11.4 | 9.0 | 13.6 |



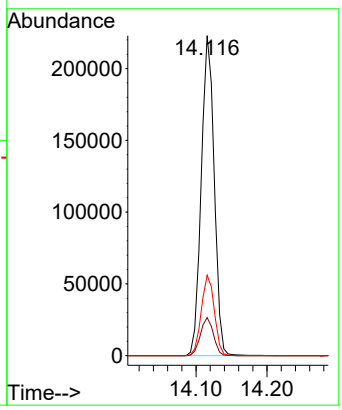


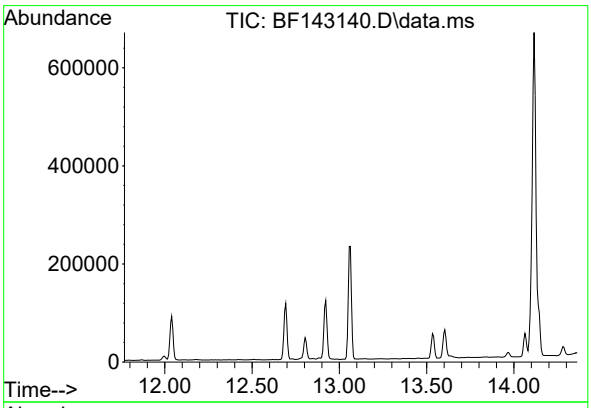

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 283469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.9 | 9.4 | 14.2 |
| 236 | 25.1 | 20.2 | 30.4 |



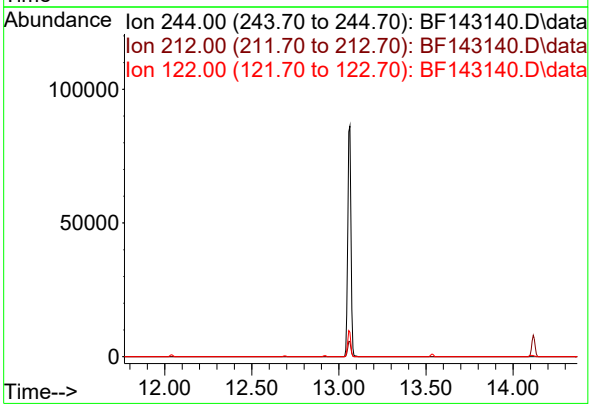



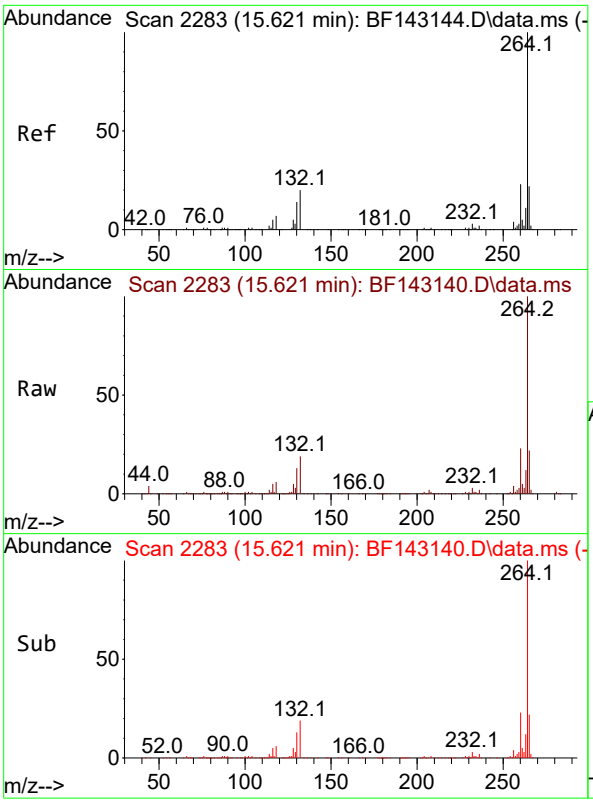

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 6.5 |
| 122 | 10.2 |



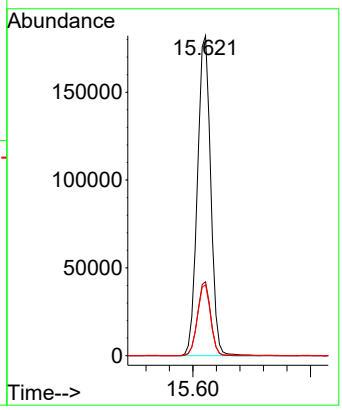



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 284847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 22.1 | 17.4 | 26.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 129942 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.239 | 136 | 504796 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 263409 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 432329 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.116 | 240 | 253004 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.615 | 264 | 255898 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 89958 | 10.955 | ng | | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 112575 | 10.892 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.510 | 82 | 102749m | 10.146 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 26288 | 9.661 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.310 | 172 | 231962 | 12.043 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.063 | 244 | 198167 | 11.656 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.816 | 88 | 20208 | 5.201 | ng | | 97 |
| 3) Pyridine | 3.587 | 79 | 52981 | 5.254 | ng | | 99 |
| 6) Aniline | 6.616 | 93 | 75811 | 5.263 | ng | | 99 |
| 8) 2-Chlorophenol | 6.740 | 128 | 45203 | 5.252 | ng | | 98 |
| 10) Phenol | 6.581 | 94 | 61148 | 5.431 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.687 | 93 | 46083 | 5.345 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 51056 | 5.460 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 52031 | 5.526 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 49028 | 5.474 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 86727 | 5.423 | ng | | 100 |
| 17) 2-Methylphenol | 7.192 | 107 | 38278 | 5.289 | ng | | 97 |
| 18) Hexachloroethane | 7.481 | 117 | 16944 | 5.198 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.357 | 70 | 36103 | 5.445 | ng | | 98 |
| 22) Acetophenone | 7.357 | 105 | 66559 | 5.569 | ng | # | 98 |
| 24) Nitrobenzene | 7.528 | 77 | 47902 | 5.074 | ng | | 96 |
| 25) Isophorone | 7.769 | 82 | 94372 | 5.279 | ng | | 99 |
| 26) 2-Nitrophenol | 7.851 | 139 | 16827 | 4.107 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.881 | 122 | 44954 | 5.382 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.981 | 93 | 58465 | 5.455 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.087 | 162 | 36884 | 5.236 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 41552 | 5.460 | ng | | 99 |
| 31) Naphthalene | 8.263 | 128 | 141099 | 5.676 | ng | | 99 |
| 33) 4-Chloroaniline | 8.304 | 127 | 55130 | 5.431 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 24322 | 5.232 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.769 | 107 | 40203 | 5.251 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.951 | 142 | 84234 | 5.568 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.051 | 142 | 86130 | 5.529 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 41999 | 5.523 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.222 | 196 | 25730 | 4.889 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 9.257 | 196 | 26626 | 5.057 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 115130 | 5.602 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.439 | 162 | 83495 | 5.491 | ng | | 98 |
| 48) 2-Nitroaniline | 9.522 | 65 | 20076 | 4.210 | ng | | 95 |
| 49) Acenaphthylene | 9.857 | 152 | 140525 | 5.514 | ng | | 98 |
| 50) Dimethylphthalate | 9.704 | 163 | 93611 | 5.452 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.763 | 165 | 14787 | 4.234 | ng | | 90 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 52) Acenaphthene | 10.028 | 154 | 84160 | 5.588 | ng | | 99 |
| 53) 3-Nitroaniline | 9.928 | 138 | 18738 | 4.587 | ng | | 94 |
| 55) Dibenzofuran | 10.198 | 168 | 127035 | 5.681 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.163 | 165 | 17709 | 4.041 | ng | | 92 |
| 58) Fluorene | 10.539 | 166 | 97477 | 5.808 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 21108 | 4.840 | ng | # | 97 |
| 60) Diethylphthalate | 10.404 | 149 | 90651 | 5.342 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204 | 46747 | 5.594 | ng | | 98 |
| 62) 4-Nitroaniline | 10.533 | 138 | 15568 | 4.446 | ng | | 96 |
| 63) Azobenzene | 10.692 | 77 | 95602 | 5.405 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.645 | 169 | 82281 | 5.405 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248 | 27259 | 5.291 | ng | | 97 |
| 68) Hexachlorobenzene | 11.092 | 284 | 29052 | 5.395 | ng | | 98 |
| 69) Atrazine | 11.169 | 200 | 19865 | 4.733 | ng | | 99 |
| 71) Phenanthrene | 11.504 | 178 | 128762 | 5.609 | ng | | 100 |
| 72) Anthracene | 11.557 | 178 | 127938 | 5.465 | ng | | 98 |
| 73) Carbazole | 11.704 | 167 | 112588 | 5.507 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 116291 | 5.027 | ng | | 99 |
| 75) Fluoranthene | 12.692 | 202 | 117249 | 5.565 | ng | | 99 |
| 78) Pyrene | 12.922 | 202 | 120767 | 5.593 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.533 | 149 | 27699 | 4.189 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.104 | 228 | 86920 | 5.131 | ng | | 98 |
| 83) Chrysene | 14.139 | 228 | 81091 | 5.325 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 43732 | 4.370 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.139 | 276 | 91076 | 5.047 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 78749 | 5.037 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 74738 | 5.358 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.551 | 252 | 72196 | 5.012 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.162 | 278 | 74120 | 5.047 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.604 | 276 | 70403 | 4.955 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

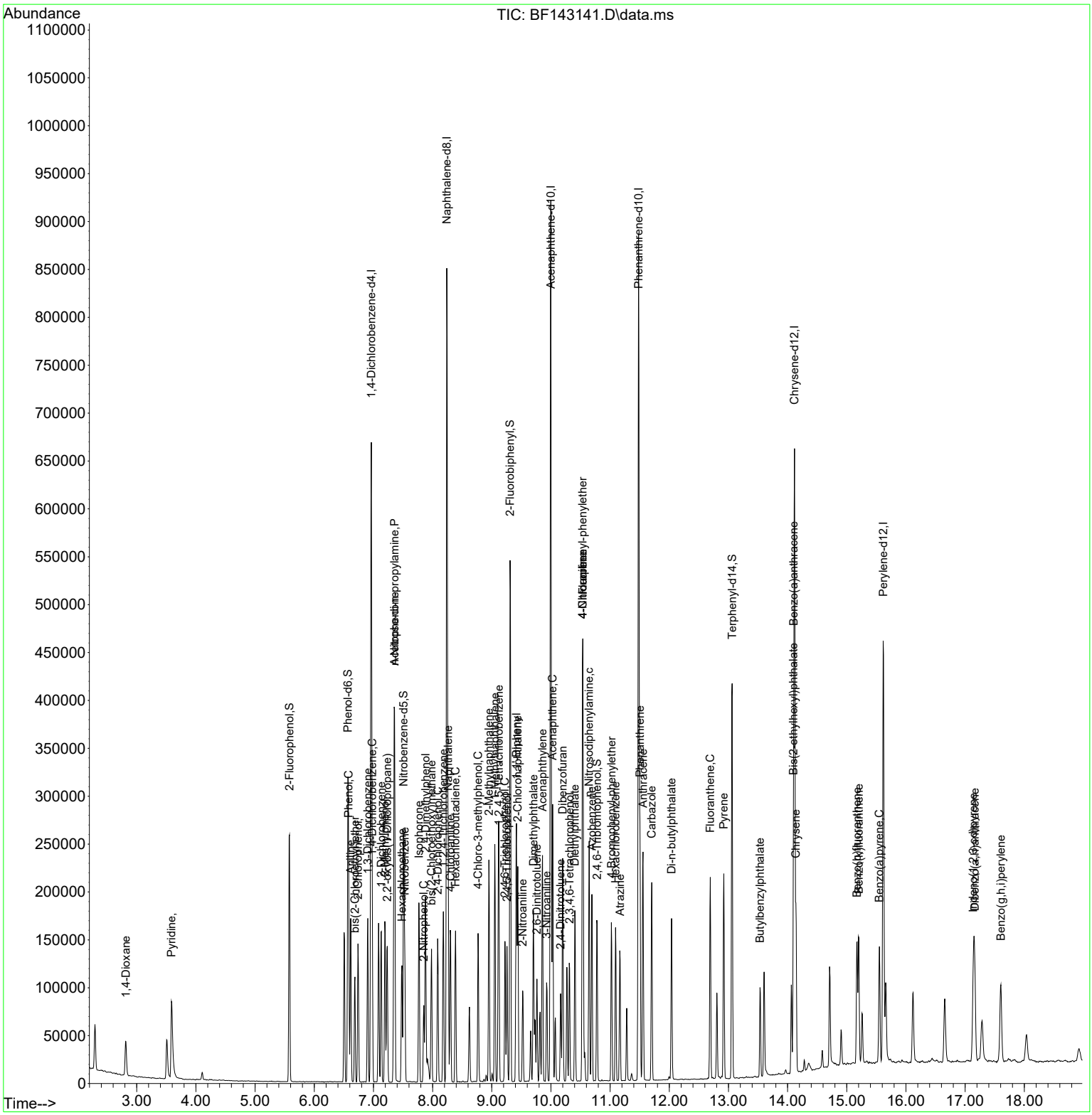
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

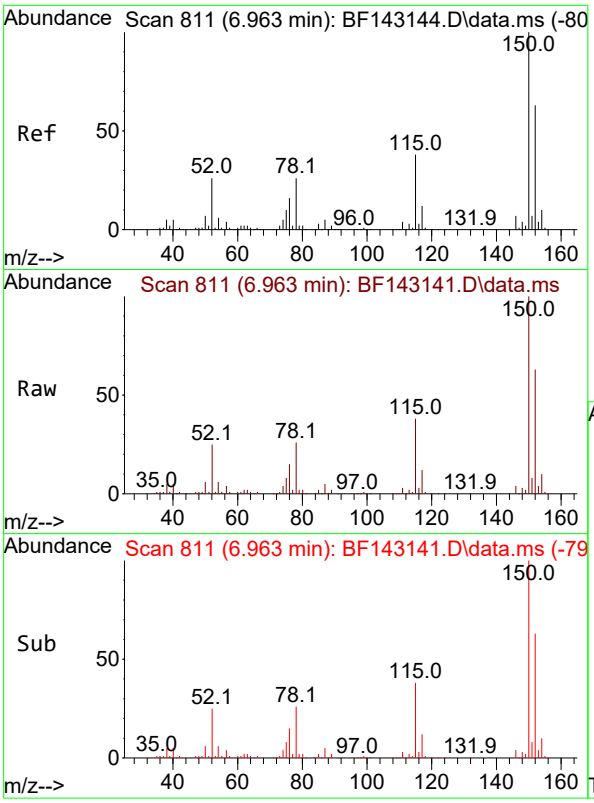
Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

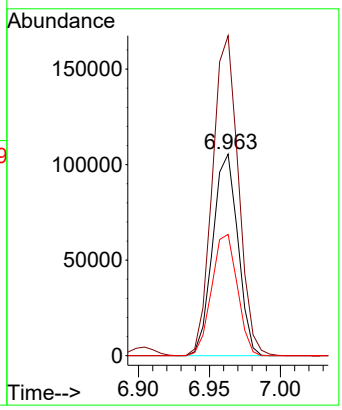





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 12994

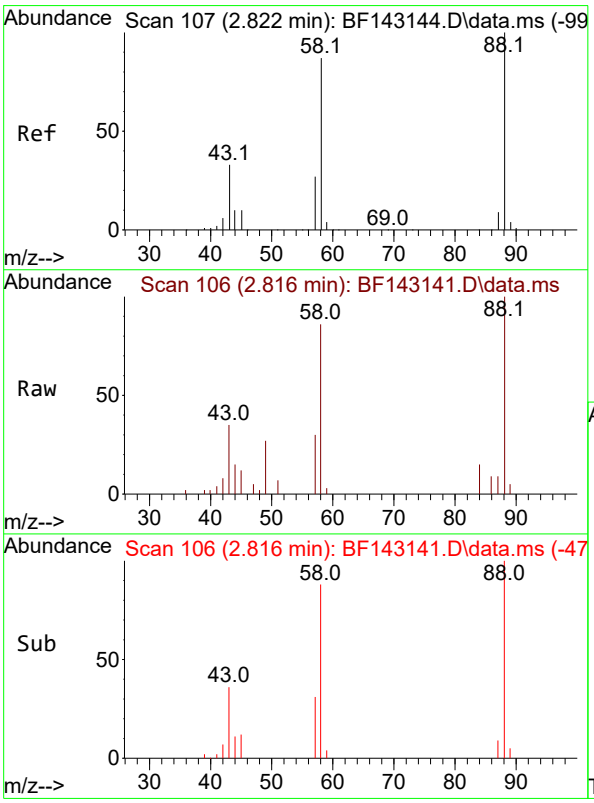
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.7 | 128.2 | 192.4 |
| 115 | 60.2 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

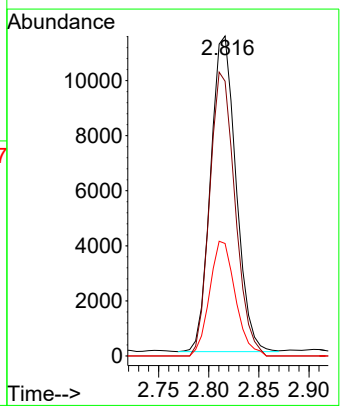
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

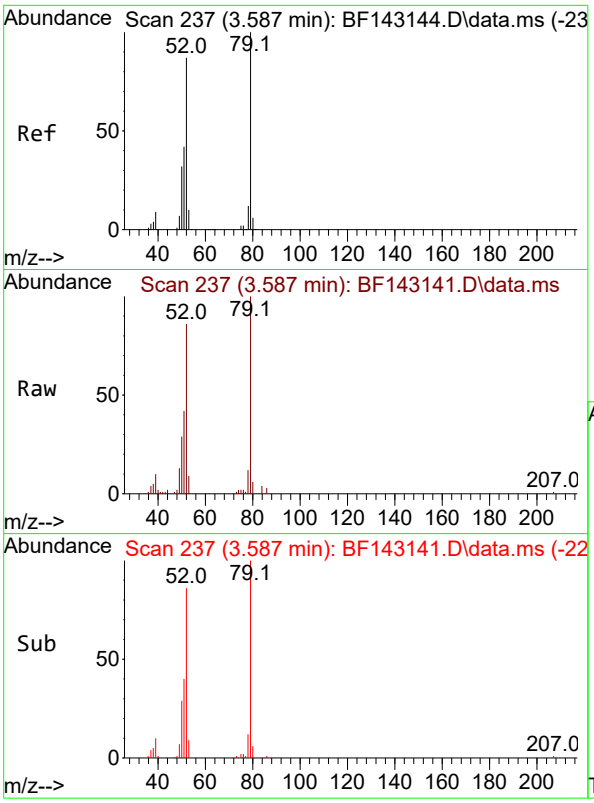



#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.6 | 70.2 | 105.2 |
| 43 | 36.7 | 27.1 | 40.7 |

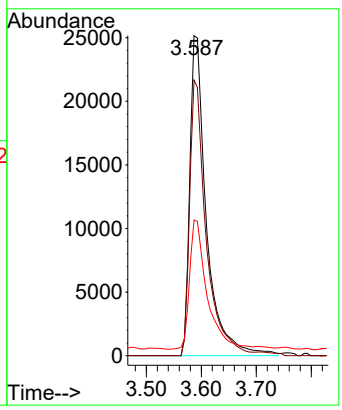





#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 79 Resp: 5298

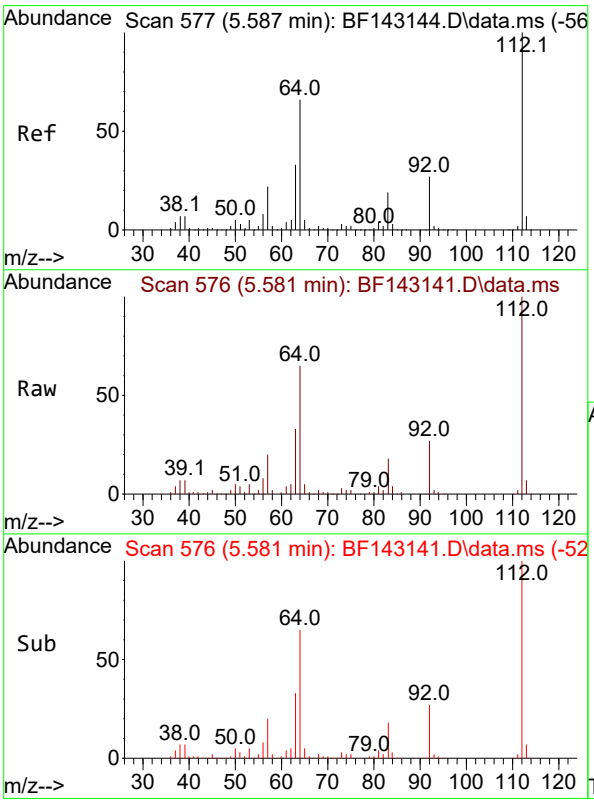
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.1 | 69.4 | 104.2 |
| 51 | 42.4 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

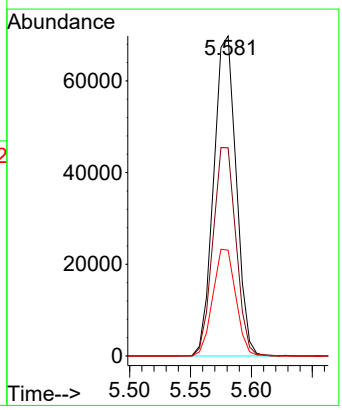
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

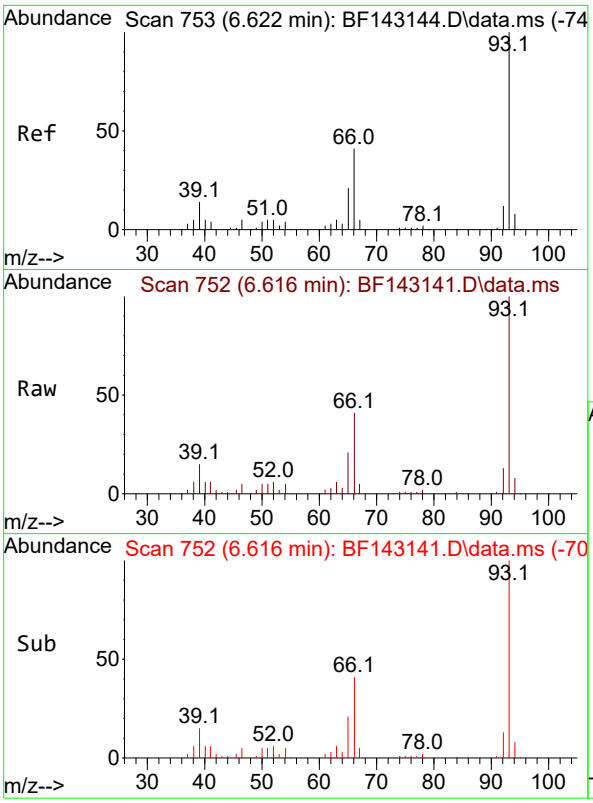



#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:112 Resp: 89958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.1 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |

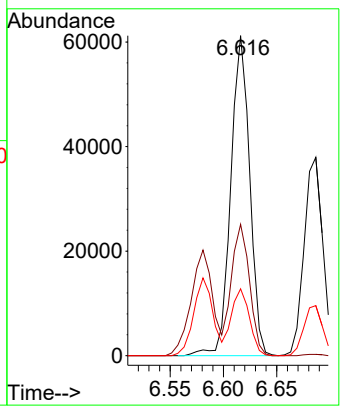





#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 7581

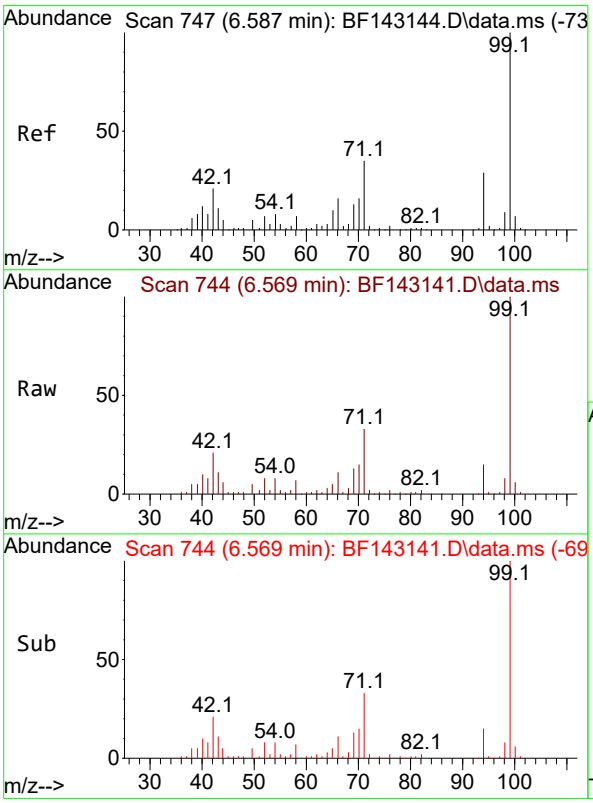
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.9 | 16.9 | 25.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

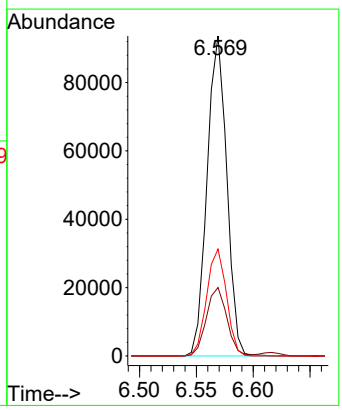
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

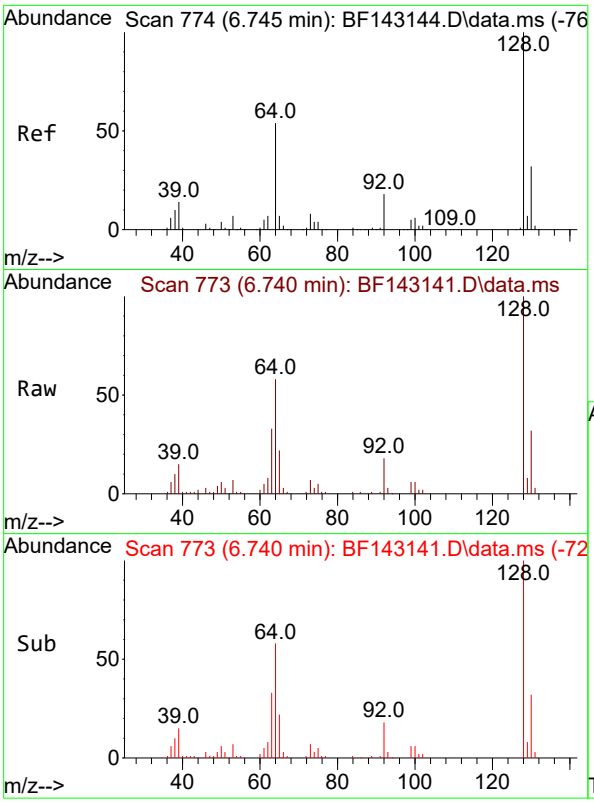



#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 99 Resp: 112575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 33.4 | 27.7 | 41.5 |

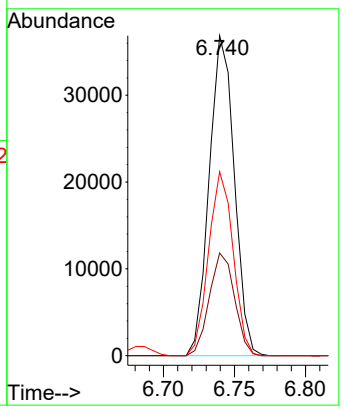





#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 4520

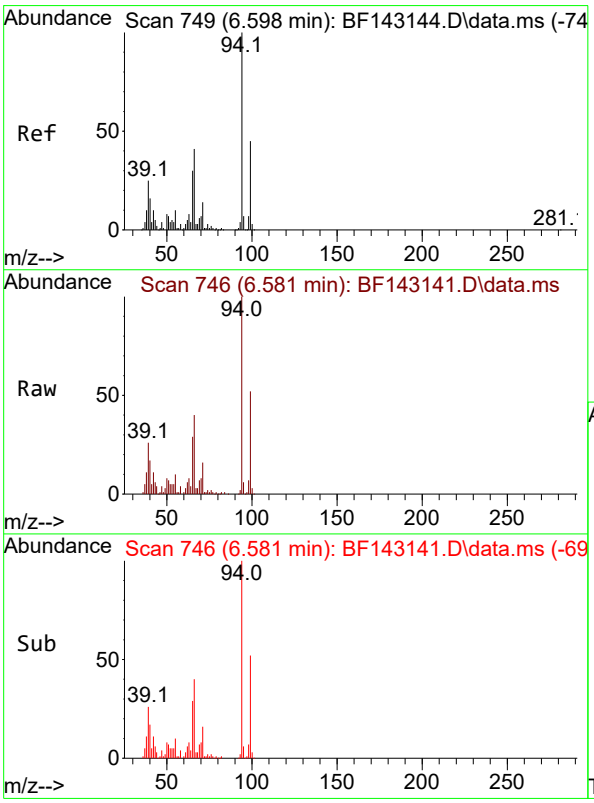
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.3 | 52.3 |
| 64 | 57.5 | 35.9 | 75.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

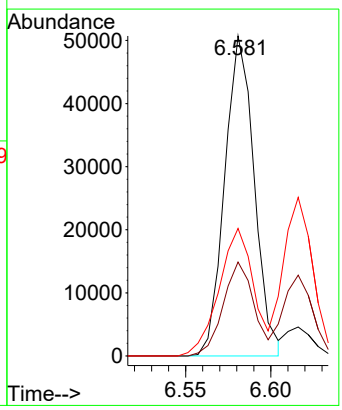
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

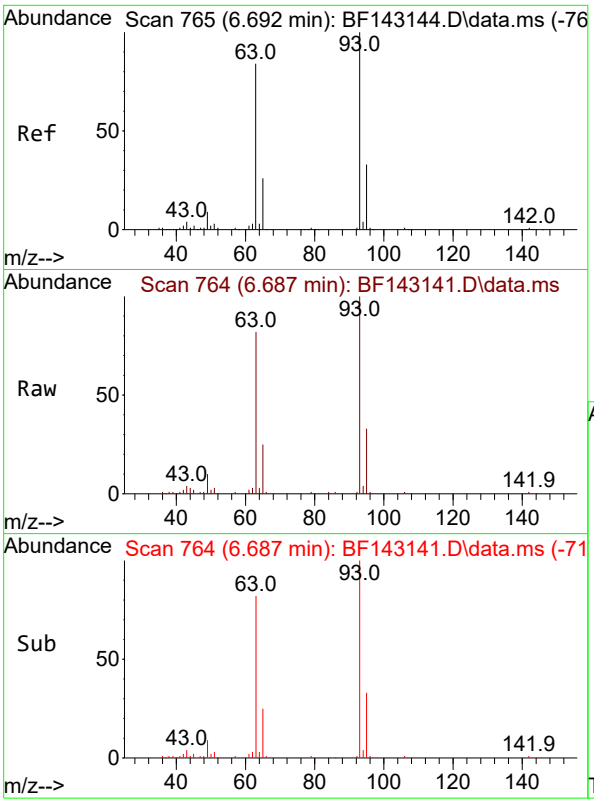



#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.0 | 50.0 |
| 66 | 39.8 | 20.8 | 60.8 |

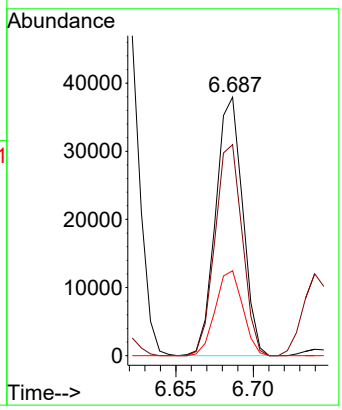





#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 4608

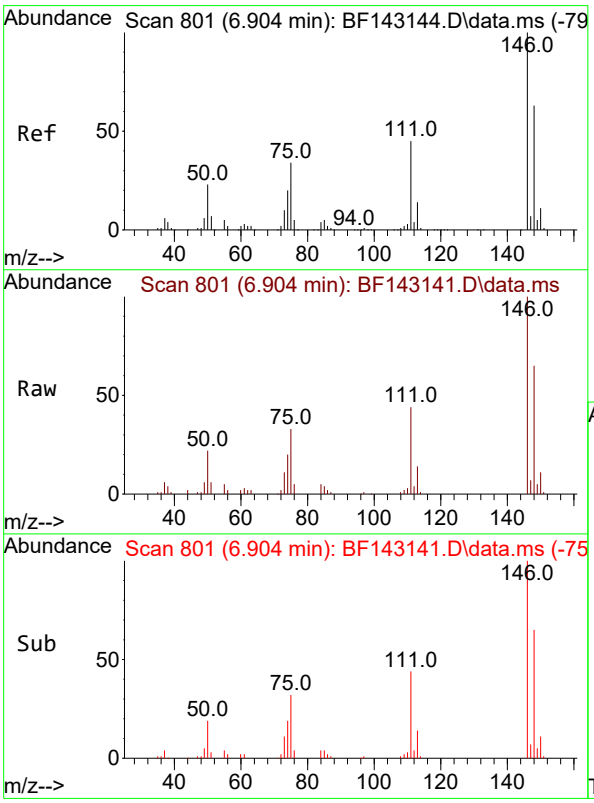
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.6 | 63.4 | 103.4 |
| 95 | 32.9 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

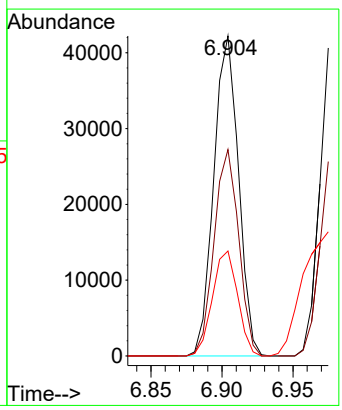
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

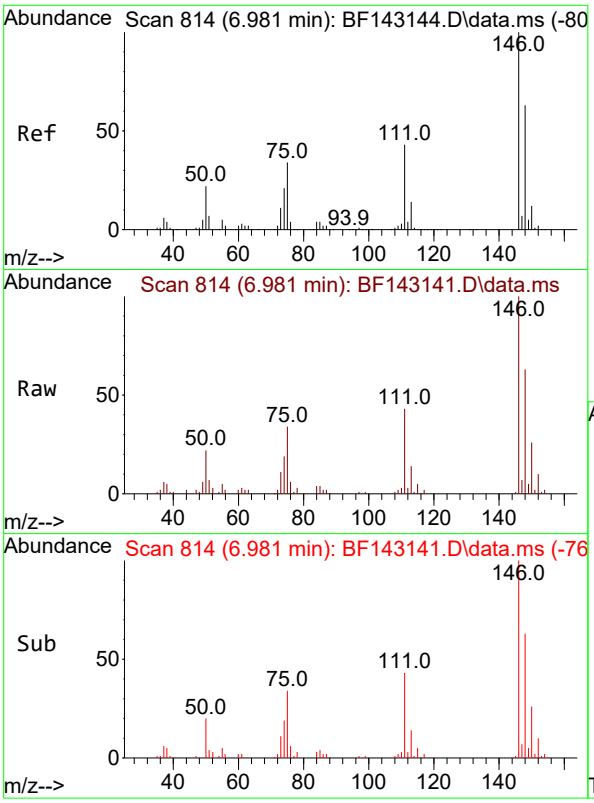



#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 50.6 | 76.0 |
| 75 | 32.8 | 27.4 | 41.2 |

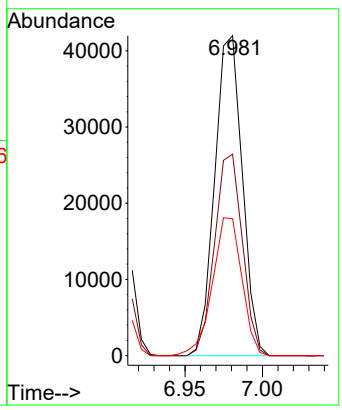





#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 5203

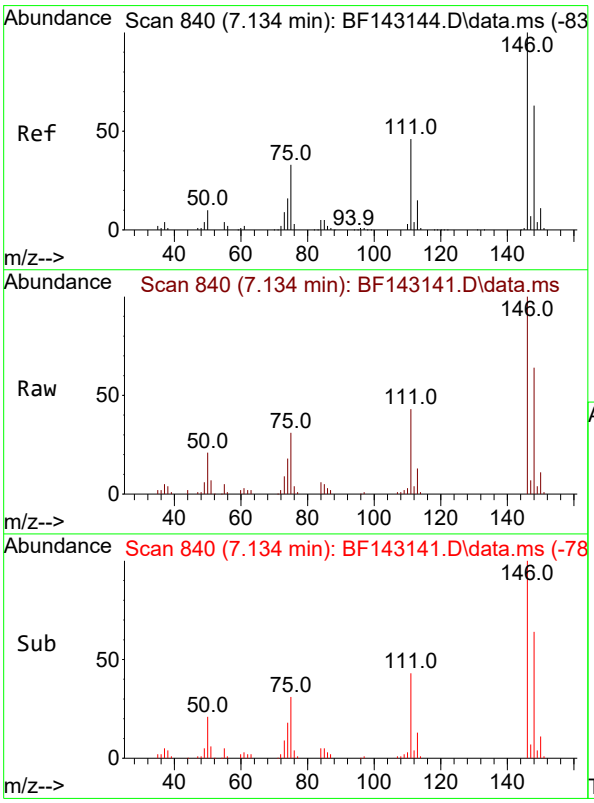
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.3 | 75.5 |
| 111 | 42.8 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

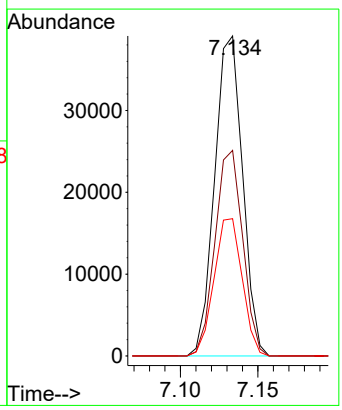
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

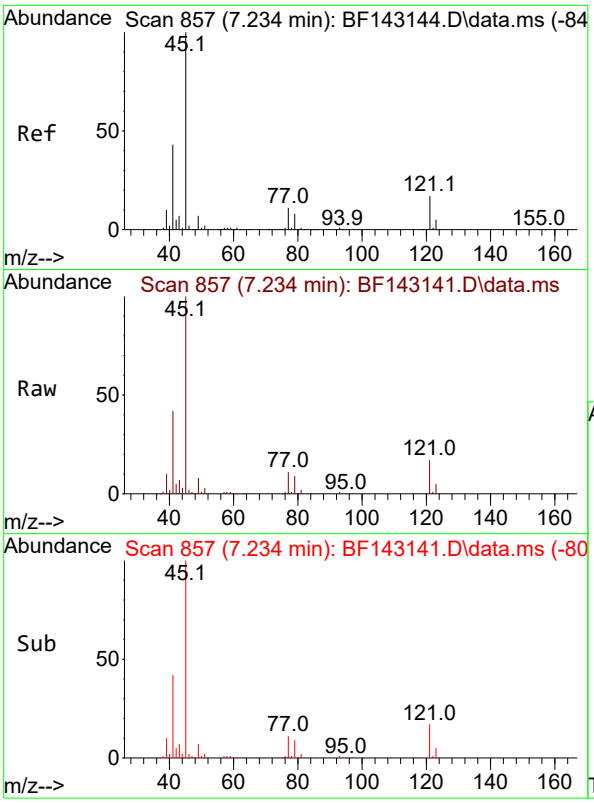



#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 50.7 | 76.1 |
| 111 | 42.9 | 36.6 | 54.8 |

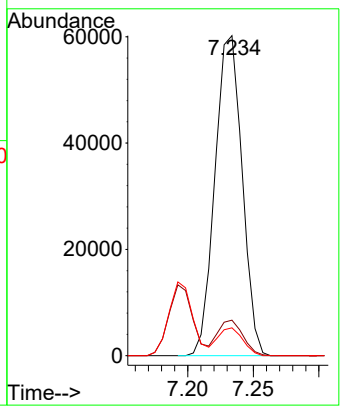





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 8672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.1 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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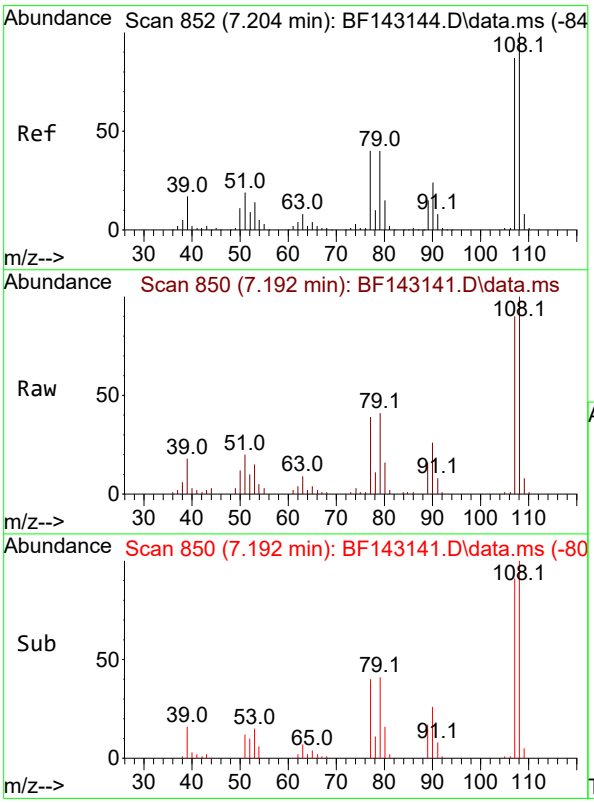
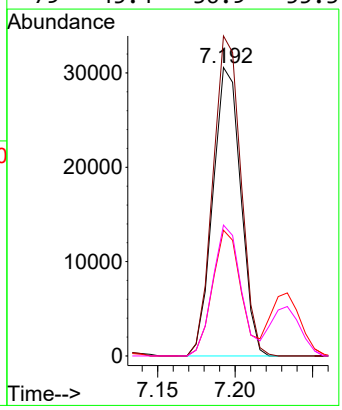
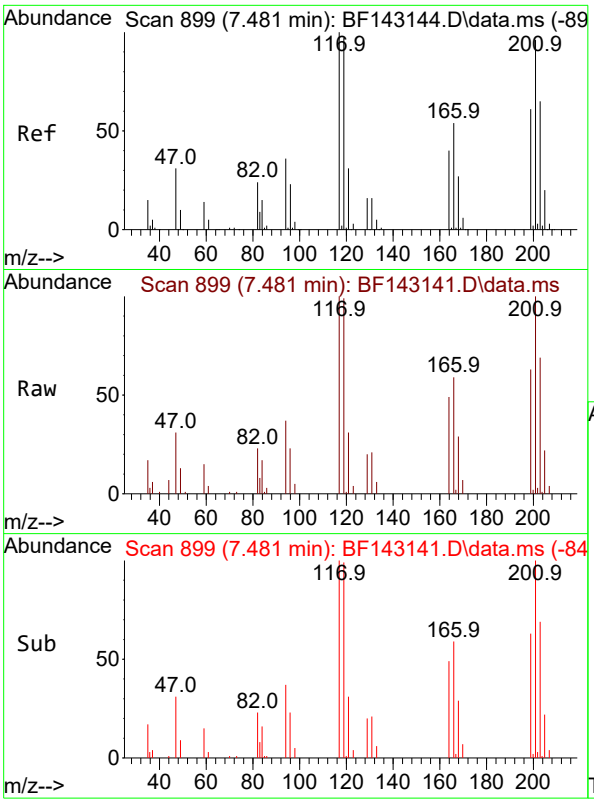



#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 38278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 91.8 | 137.6 |
| 77 | 43.6 | 37.0 | 55.6 |
| 79 | 45.4 | 36.9 | 55.3 |

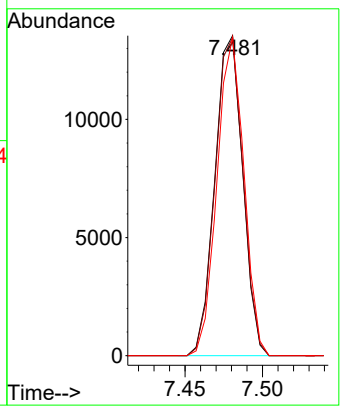





#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 1694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.4 | 77.8 | 116.8 |
| 201 | 99.6 | 77.0 | 115.4 |




**Instrument :**
BNA_F
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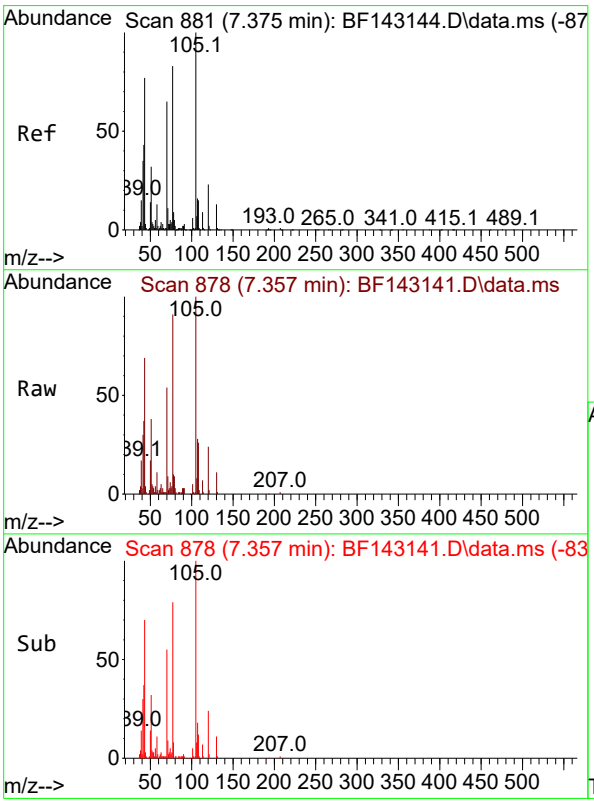
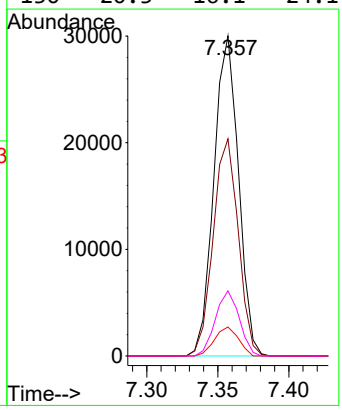
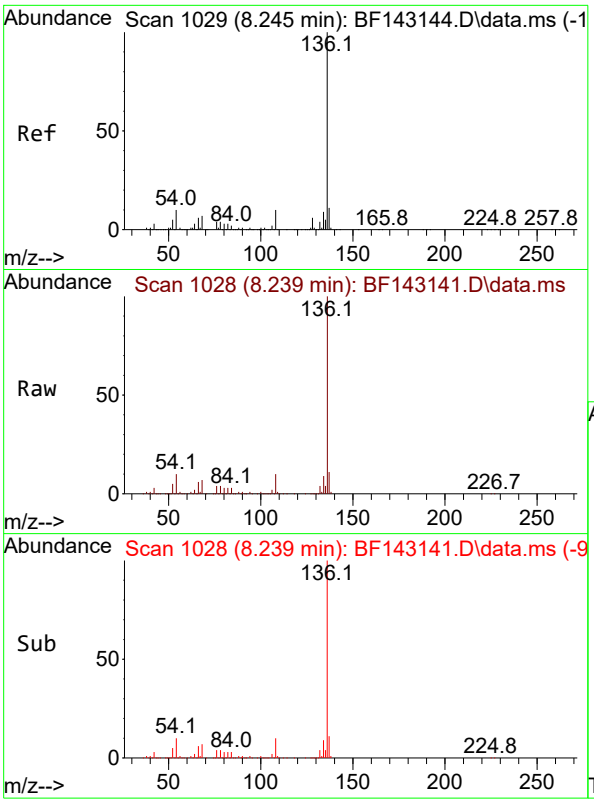



#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.8 | 52.5 | 78.7 |
| 101 | 9.0 | 7.6 | 11.4 |
| 130 | 20.3 | 16.1 | 24.1 |

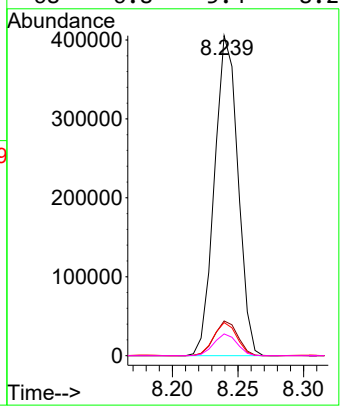





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:136 Resp: 50479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.3 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |




**Instrument :**
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**ClientSampleId :**
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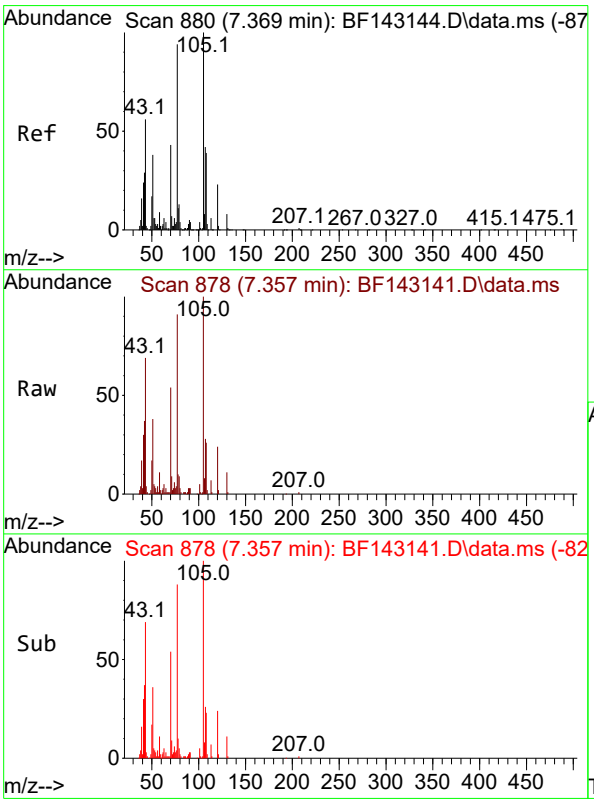
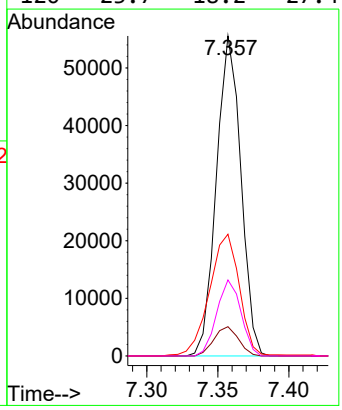
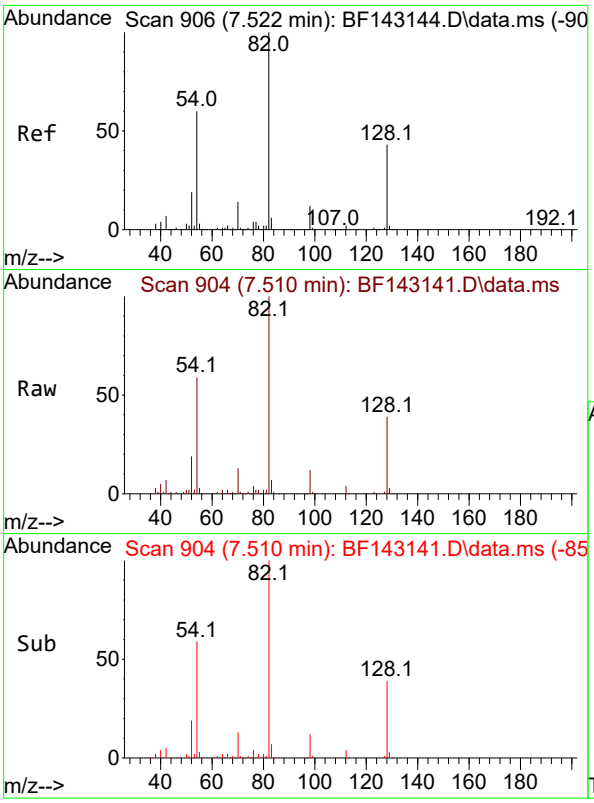



#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.1 | 5.8 | 8.6# |
| 51 | 38.1 | 30.2 | 45.2 |
| 120 | 23.7 | 18.2 | 27.4 |

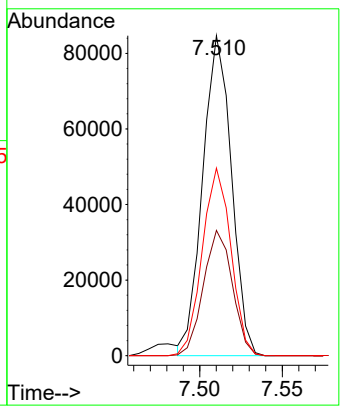





#23
Nitrobenzene-d5
Concen: 10.146 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 10274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 33.6 | 50.4 |
| 54 | 58.6 | 47.1 | 70.7 |




**Instrument :**
BNA_F
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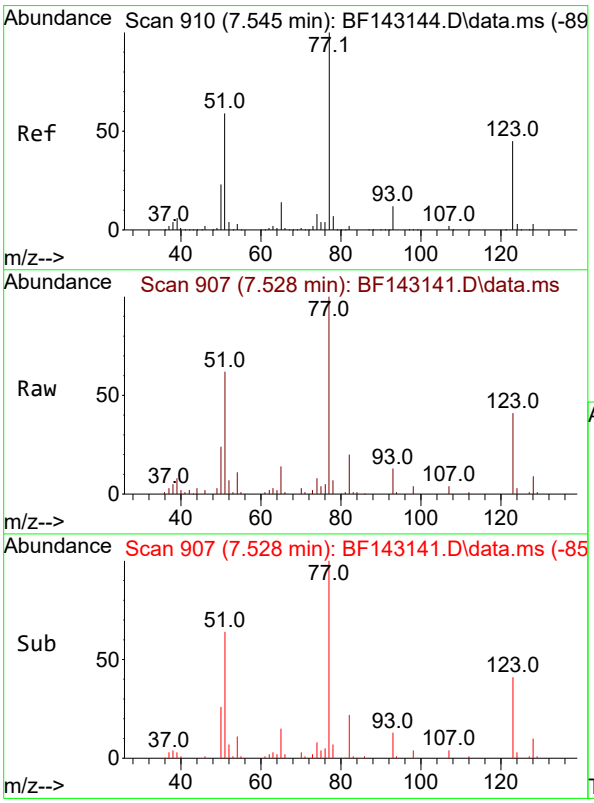
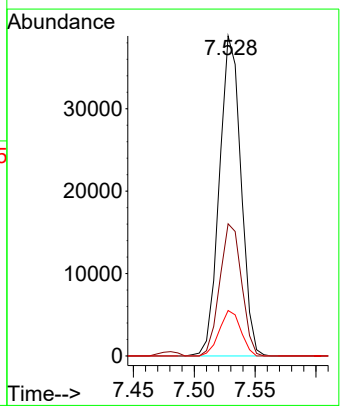
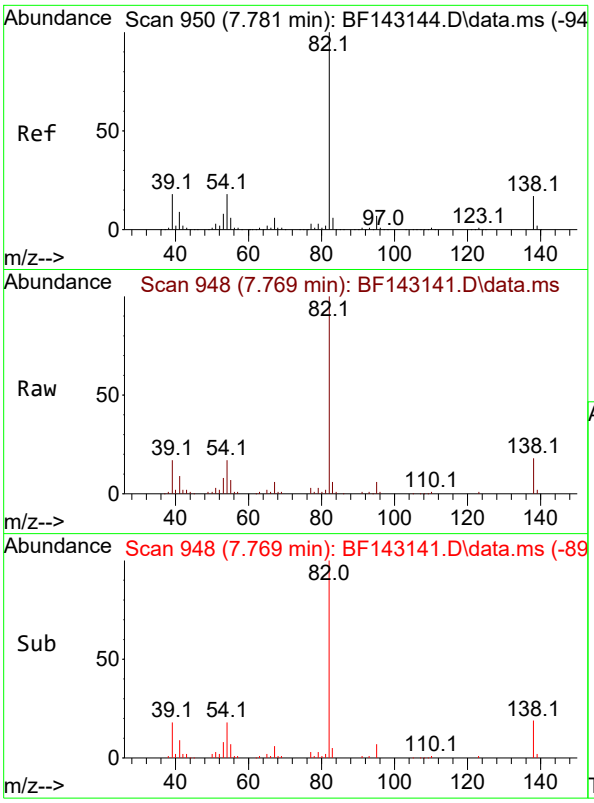



#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.3 | 36.1 | 54.1 |
| 65 | 14.2 | 11.4 | 17.2 |

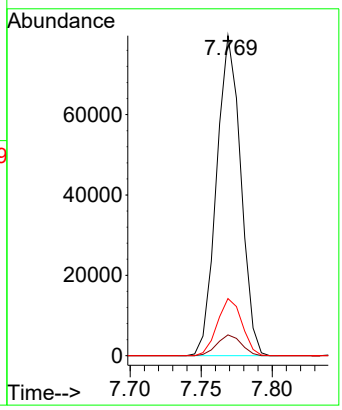





#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 82 Resp: 9437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.5 | 8.3 |
| 138 | 17.8 | 13.8 | 20.8 |




**Instrument :**
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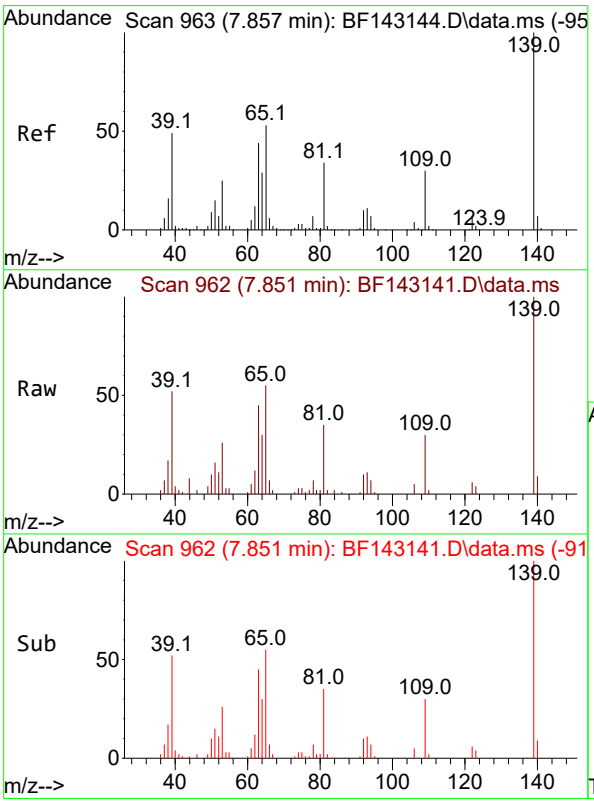
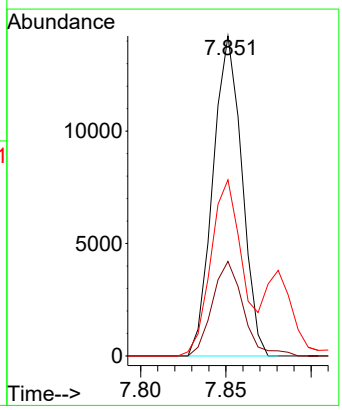
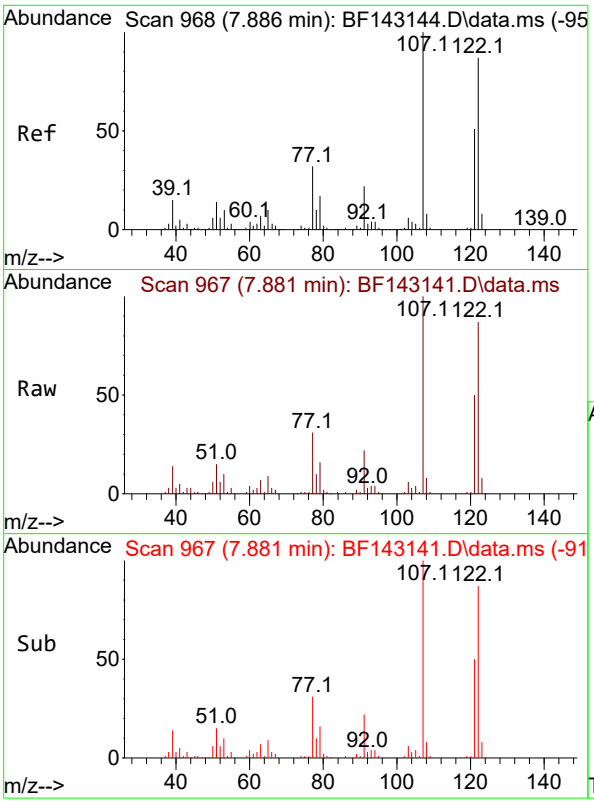



#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.5 | 23.6 | 35.4 |
| 65 | 55.0 | 42.6 | 64.0 |

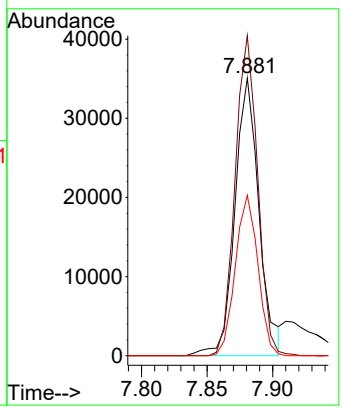





#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 4495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.3 | 91.8 | 137.6 |
| 121 | 57.8 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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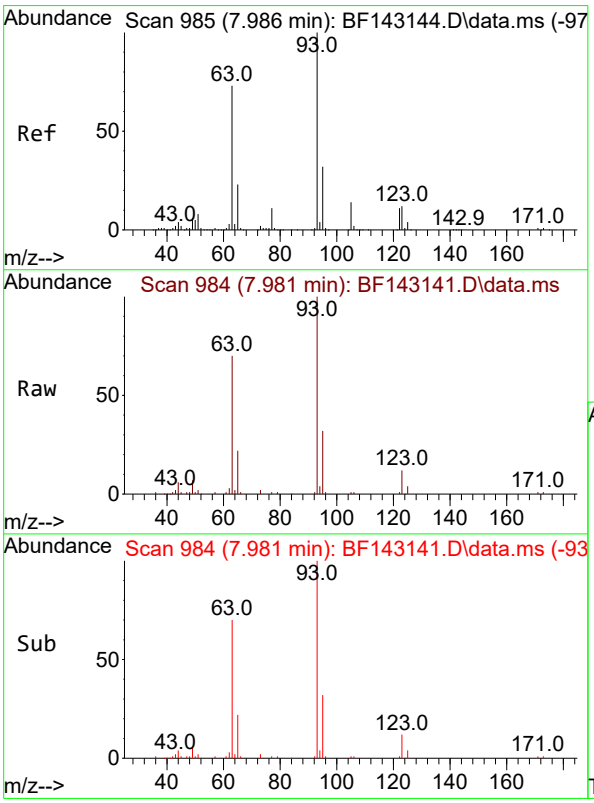
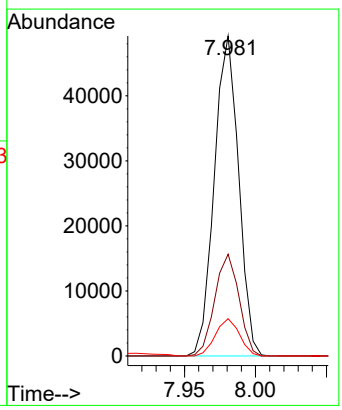
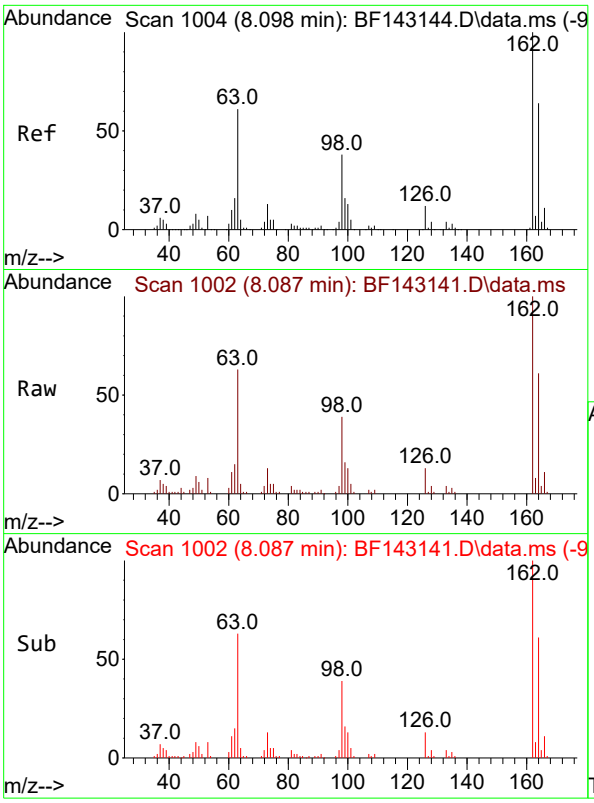



#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.8 | 38.6 |
| 123 | 11.7 | 9.7 | 14.5 |

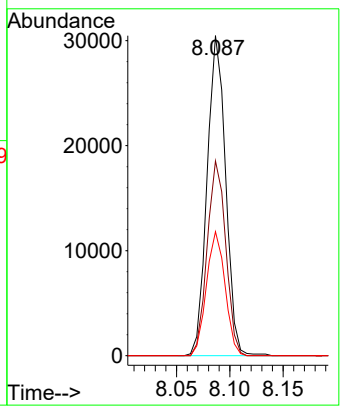





#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 3688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.8 | 44.2 | 84.2 |
| 98 | 38.7 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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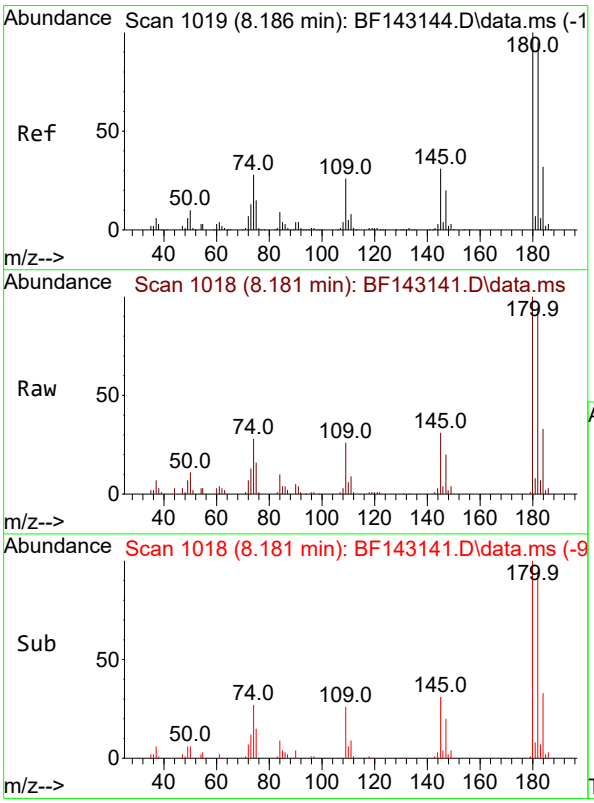
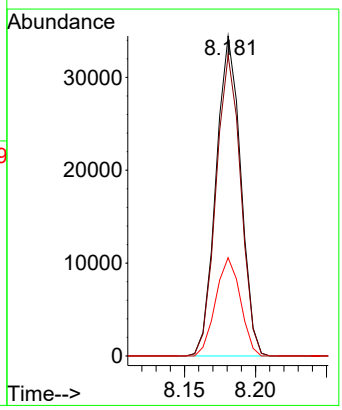
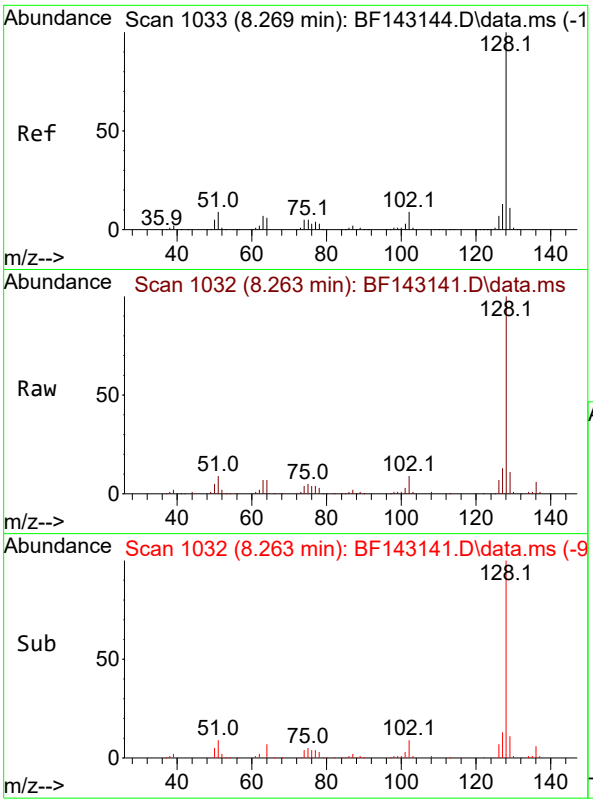



#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 76.2 | 114.2 |
| 145 | 30.7 | 25.0 | 37.6 |

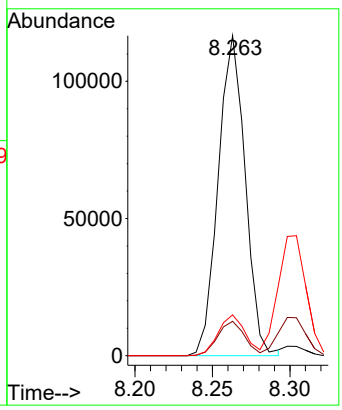





#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 14109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.4 |
| 127 | 12.7 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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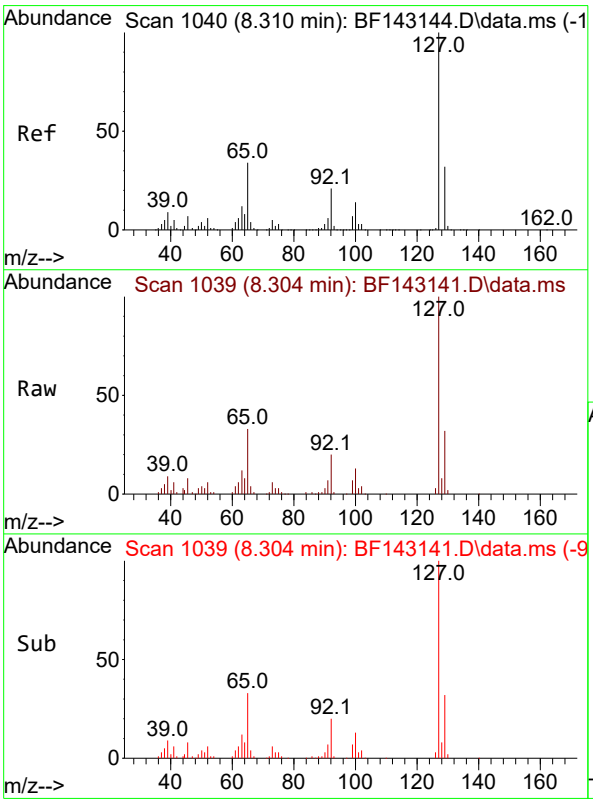
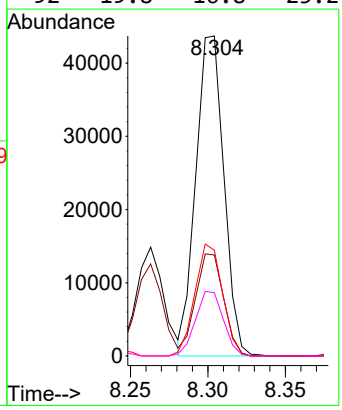
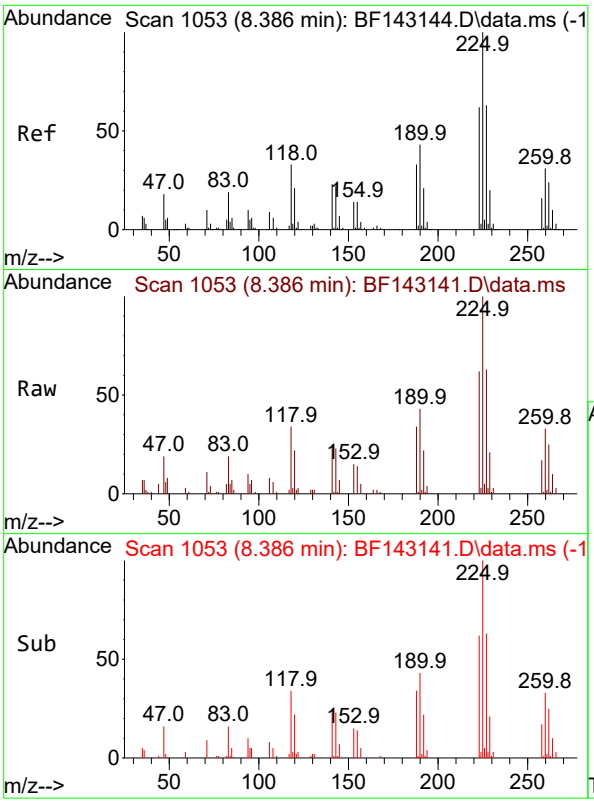



#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:127 Resp: 55130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.0 | 39.0 |
| 65 | 33.0 | 27.4 | 41.2 |
| 92 | 19.8 | 16.8 | 25.2 |

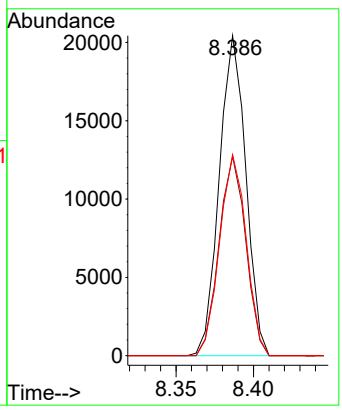





#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 2432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 62.8 | 50.2 | 75.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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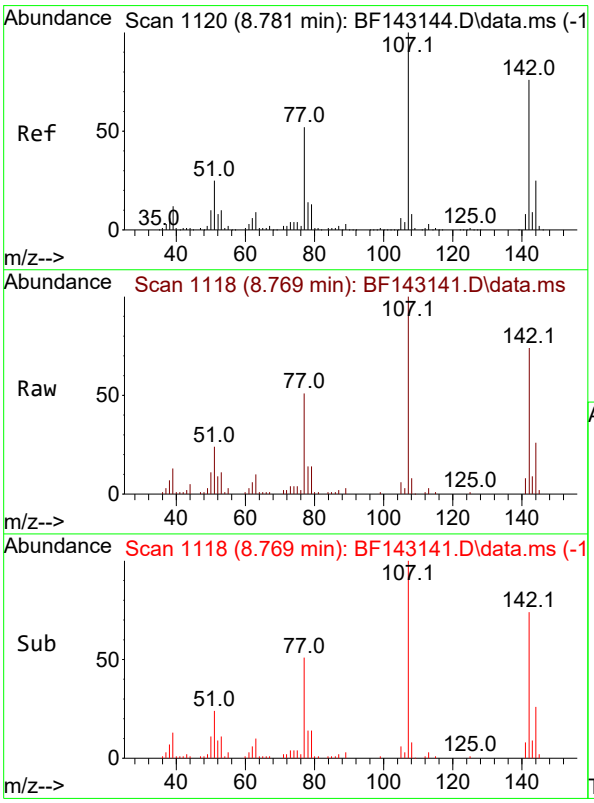
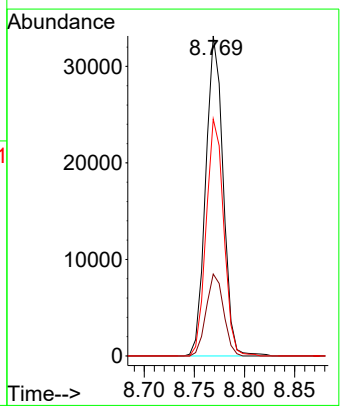
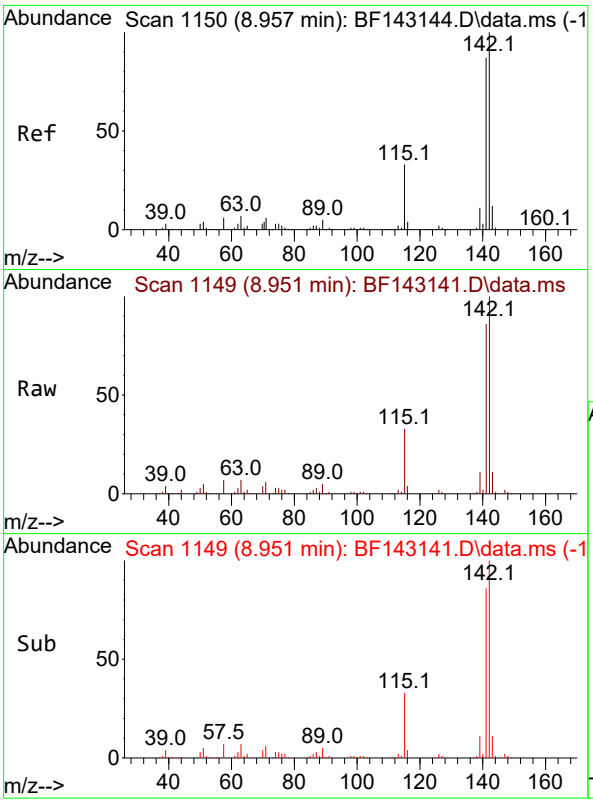



#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.6 | 19.8 | 29.6 |
| 142 | 74.1 | 60.6 | 90.8 |

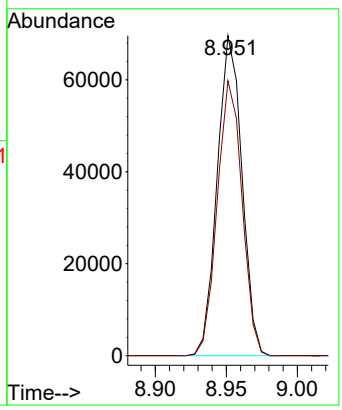





#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 8423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.9 | 69.9 | 104.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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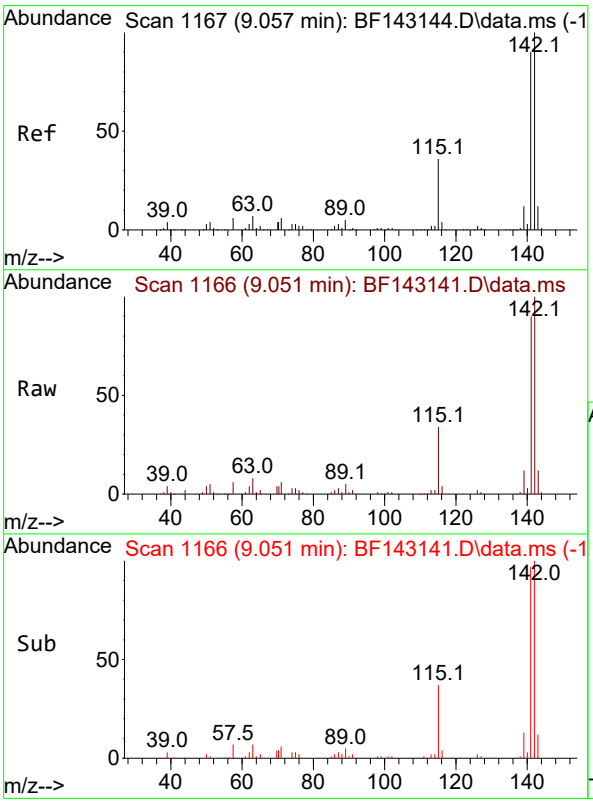
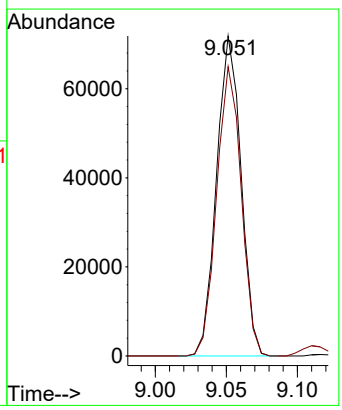
Supervised By :Jagrut Upadhyay 07/18/2025

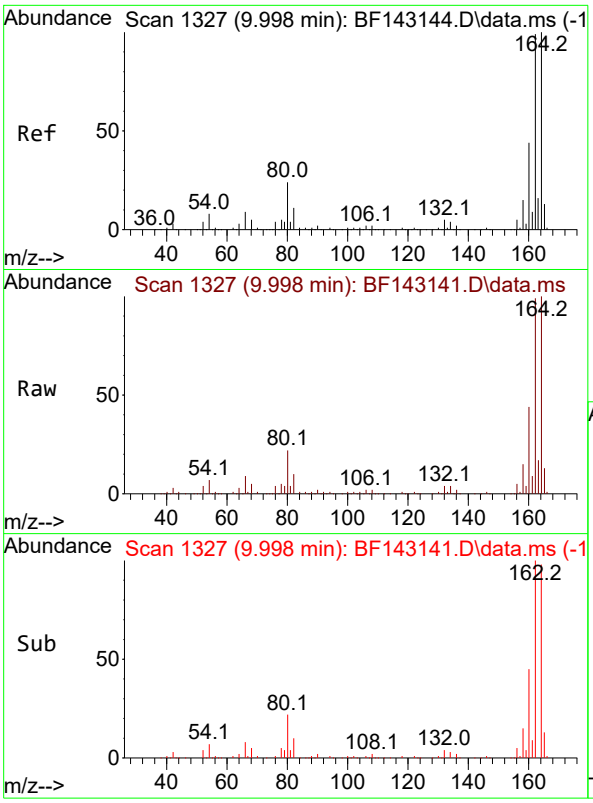



#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |

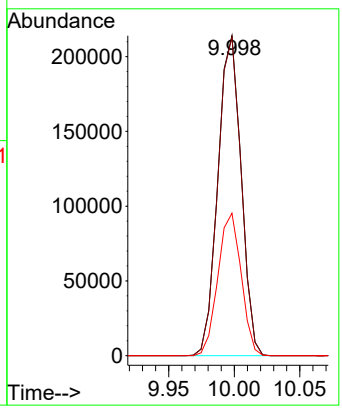





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:164 Resp: 26340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 79.0 | 118.6 |
| 160 | 44.5 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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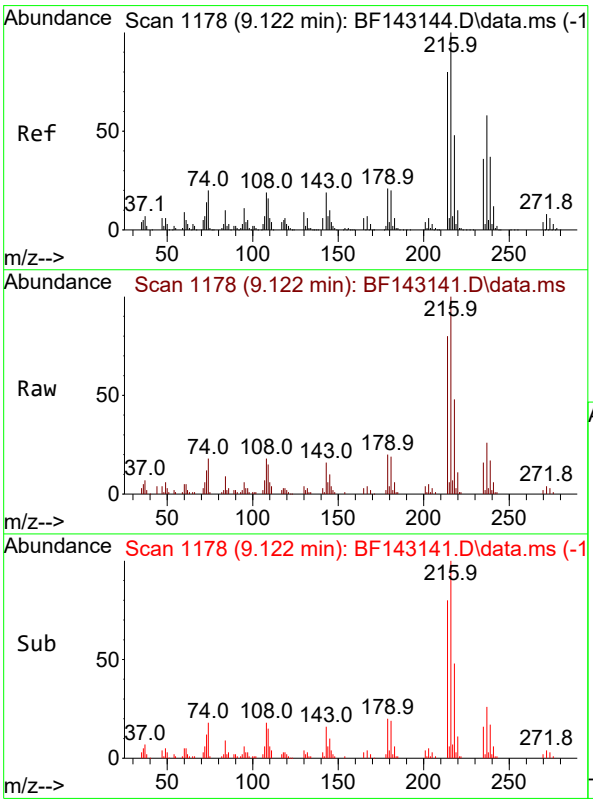
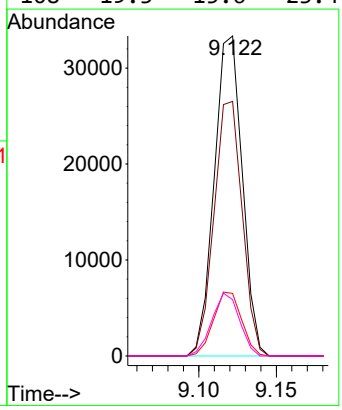
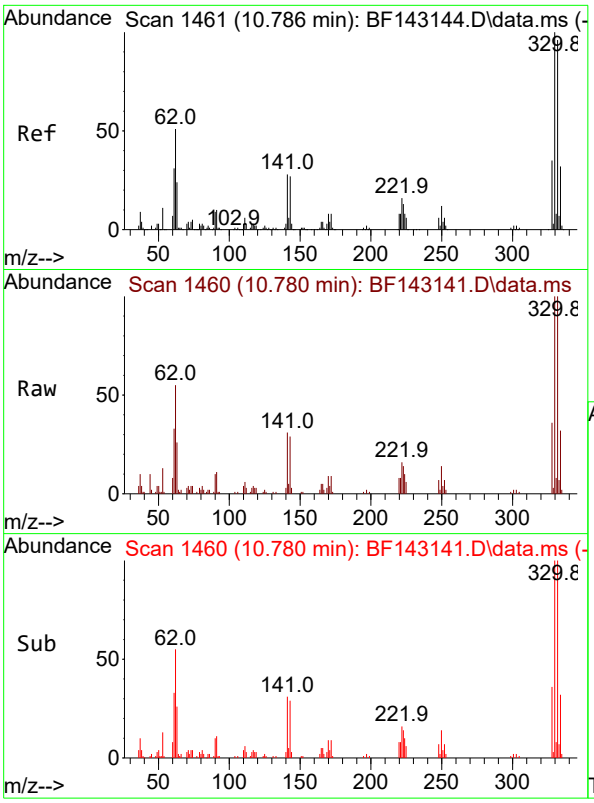



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.9 | 63.8 | 95.8 |
| 179 | 20.1 | 16.4 | 24.6 |
| 108 | 19.3 | 15.6 | 23.4 |

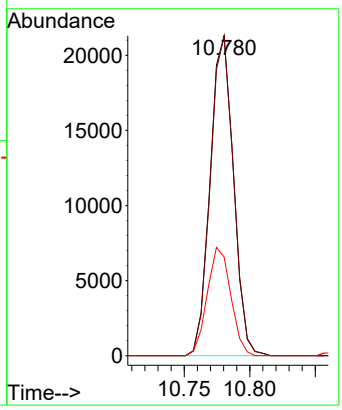





#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 2628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.4 | 76.7 | 115.1 |
| 141 | 34.3 | 23.3 | 34.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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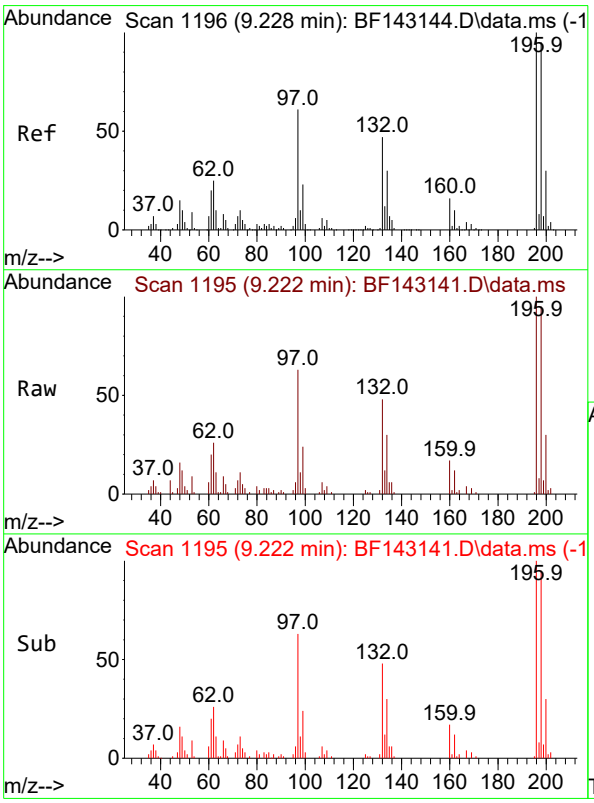
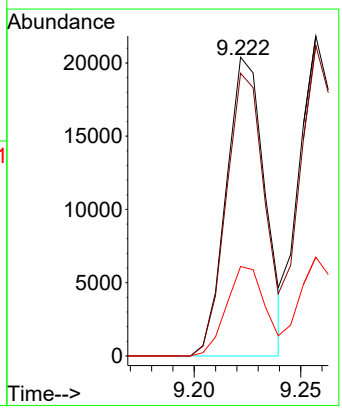
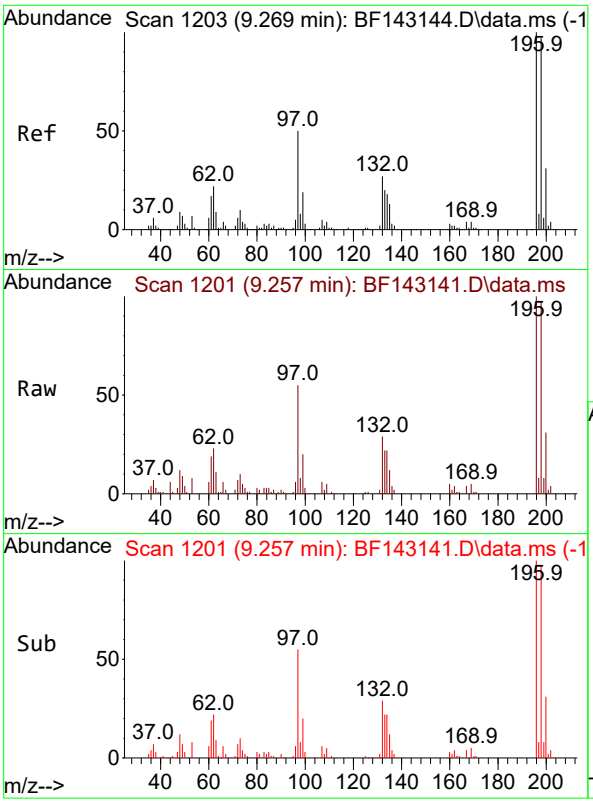



#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 25730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.2 | 114.2 |
| 200 | 30.0 | 23.9 | 35.9 |

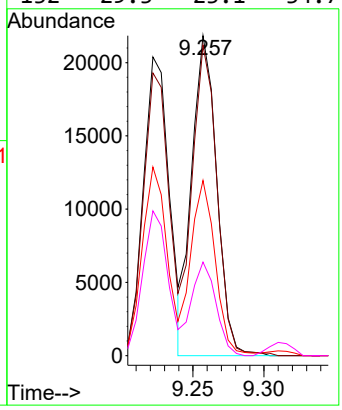





#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 2662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 77.3 | 115.9 |
| 97 | 54.7 | 40.3 | 60.5 |
| 132 | 29.3 | 23.1 | 34.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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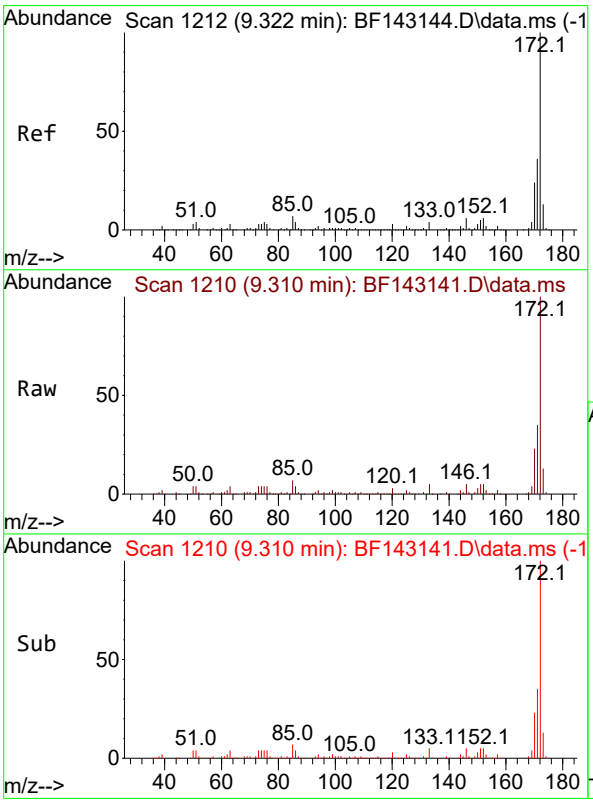
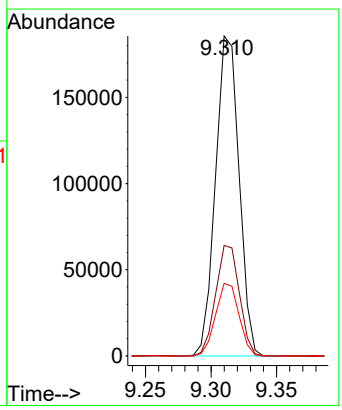
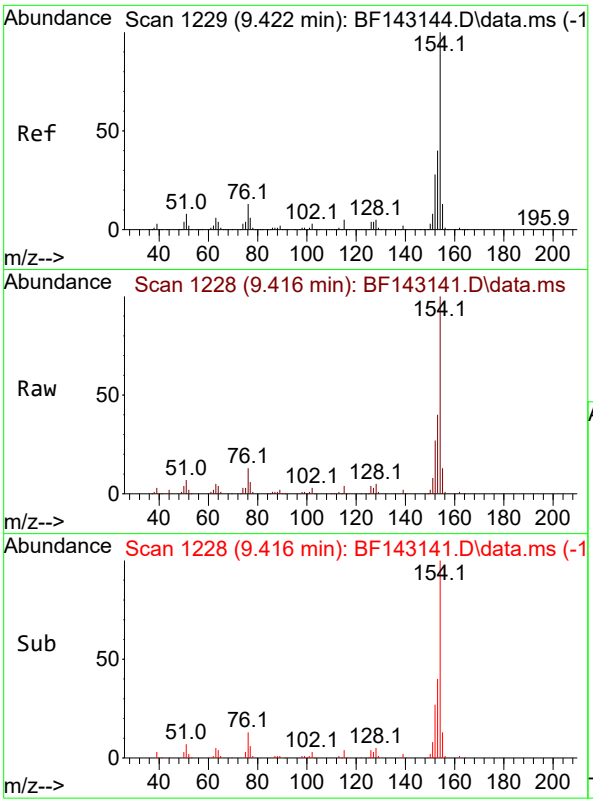



#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:172 Resp: 231962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.6 | 42.8 |
| 170 | 22.7 | 18.8 | 28.2 |

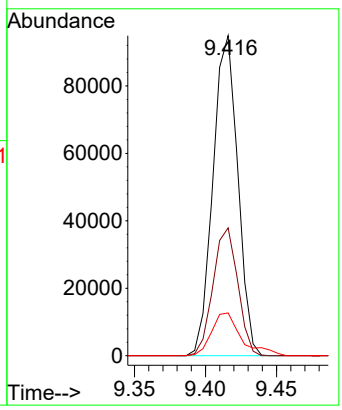





#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 11513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.3 | 60.3 |
| 76 | 13.4 | 0.0 | 33.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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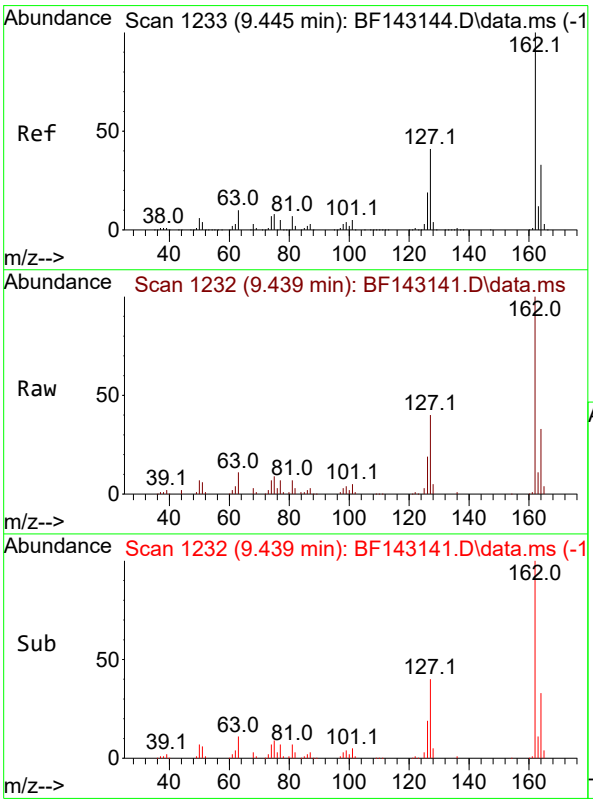
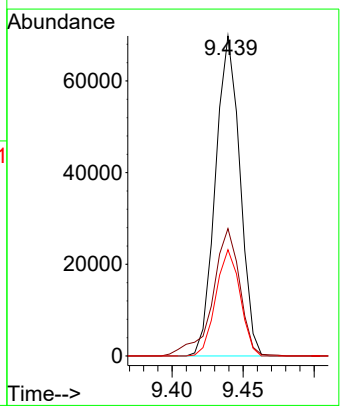
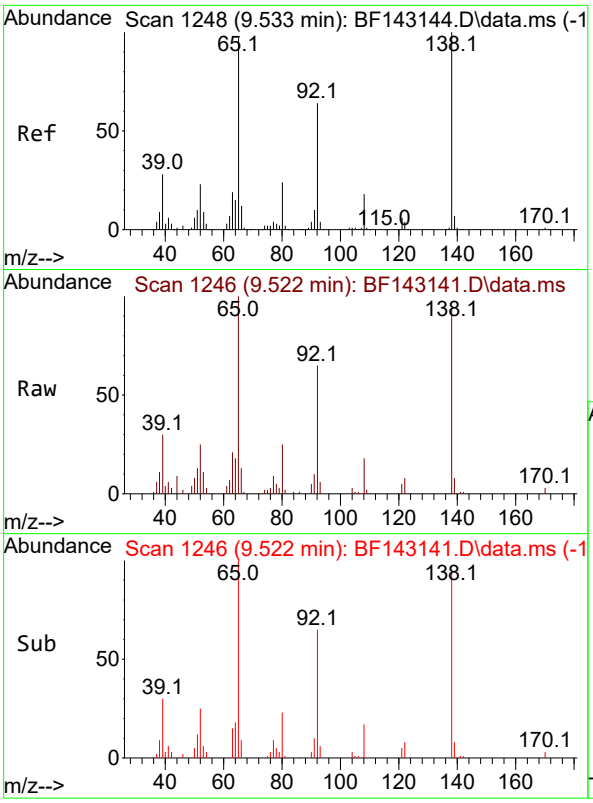



#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 83495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.8 | 33.4 | 50.2 |
| 164 | 33.2 | 26.2 | 39.2 |

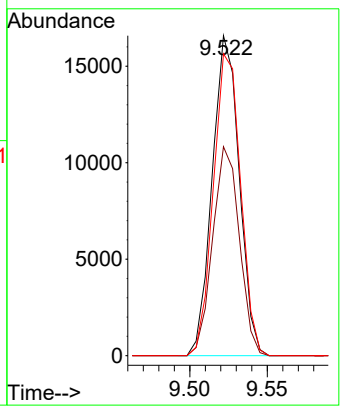





#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 2007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.3 | 52.4 | 78.6 |
| 138 | 94.3 | 82.3 | 123.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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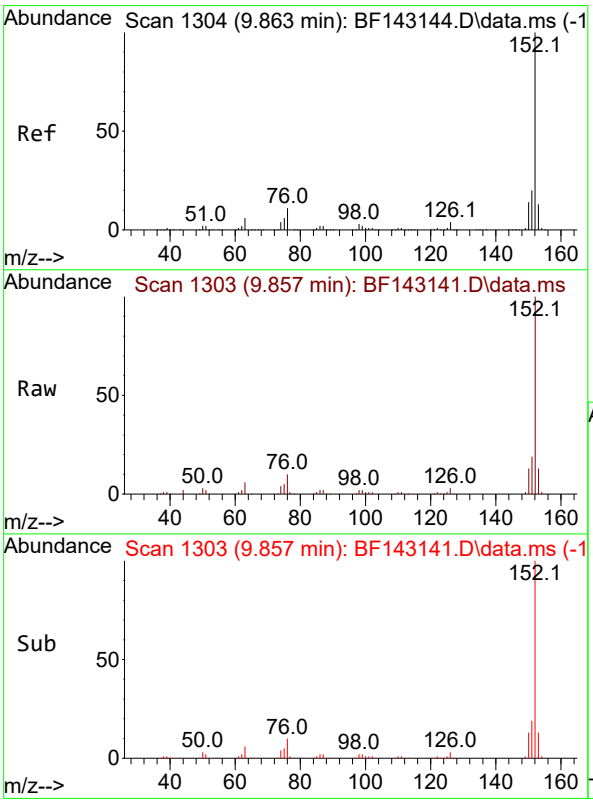
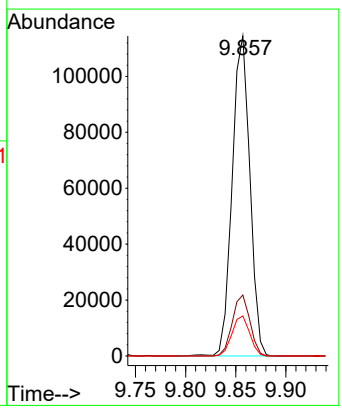
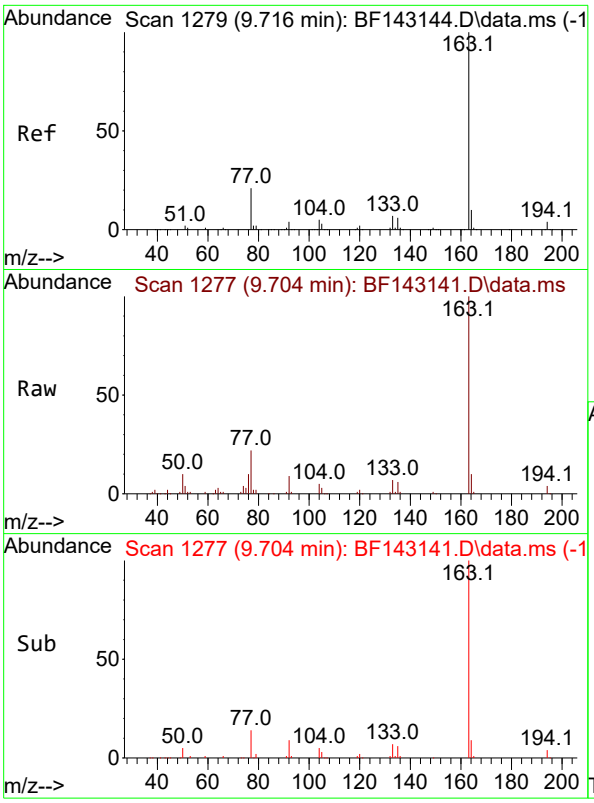



#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:152 Resp: 140525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.2 | 24.2 |
| 153 | 12.5 | 10.6 | 16.0 |






#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:163 Resp: 9361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 9.8 | 8.3 | 12.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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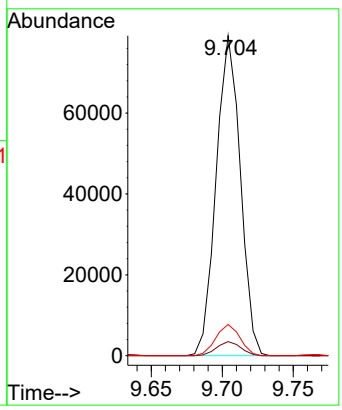
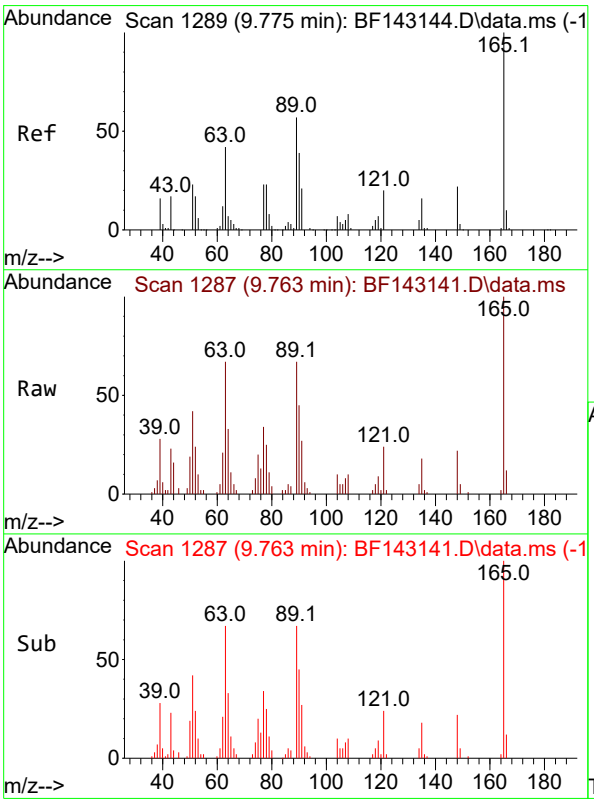
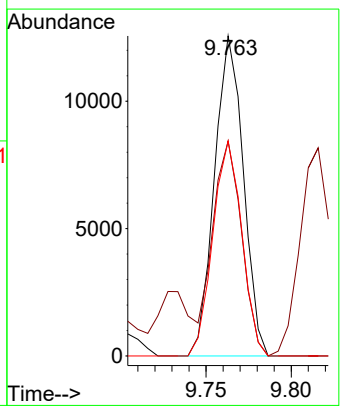


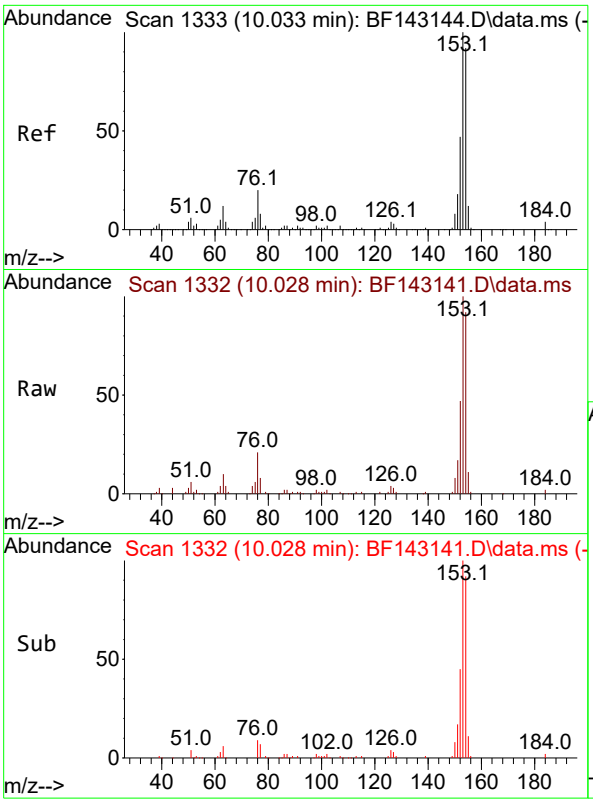




#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 14787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.1 | 49.4 | 74.2 |
| 89 | 67.2 | 46.2 | 69.2 |

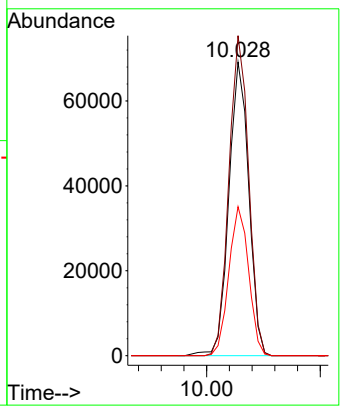





#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 8416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.0 | 86.6 | 129.8 |
| 152 | 50.7 | 40.4 | 60.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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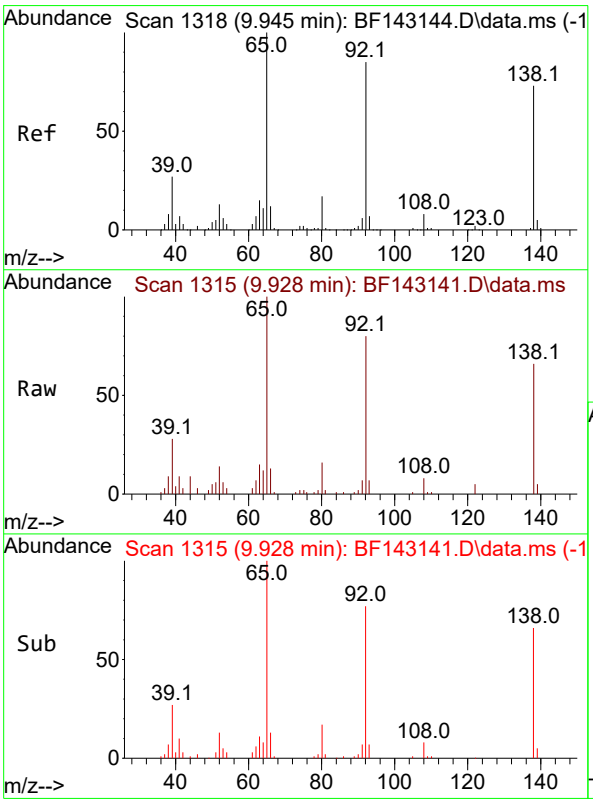
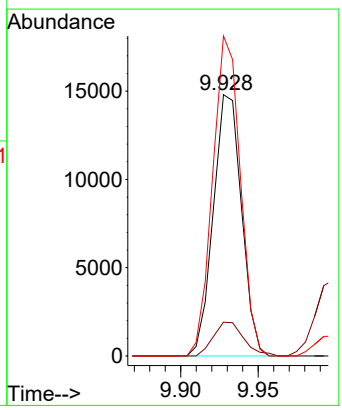
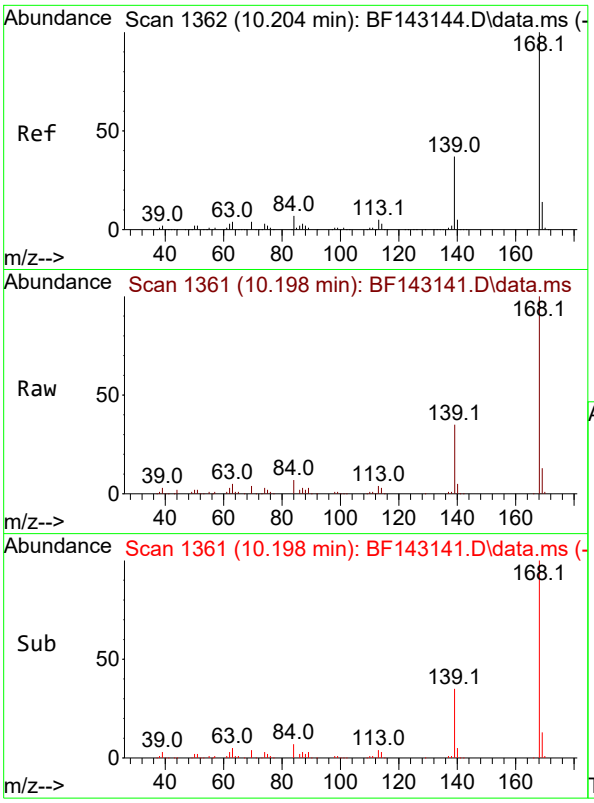



#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 18738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.9 | 9.0 | 13.6 |
| 92 | 122.5 | 93.0 | 139.4 |

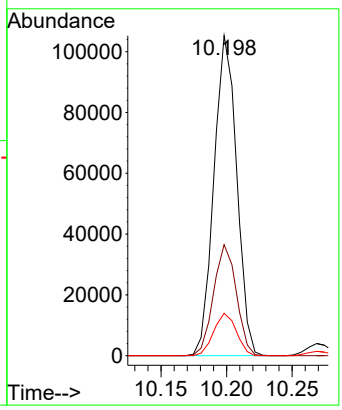





#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:168 Resp: 12703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.7 | 29.5 | 44.3 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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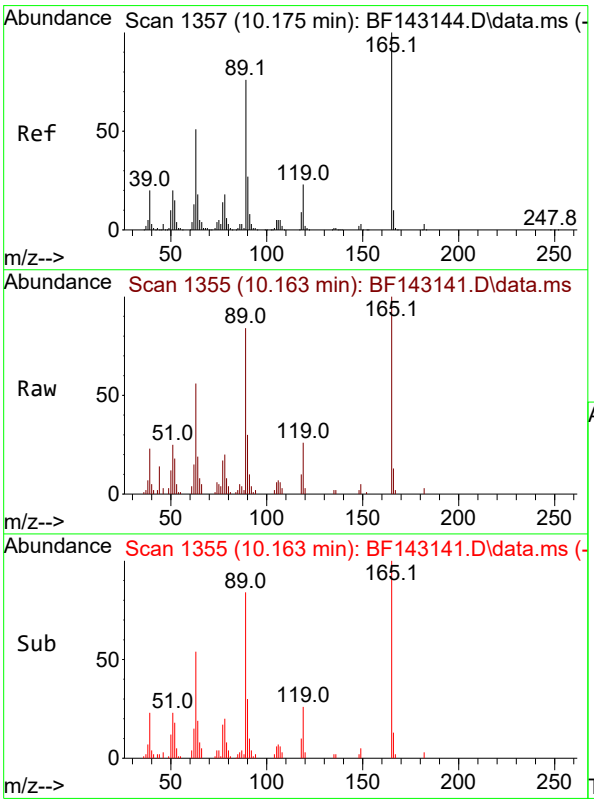
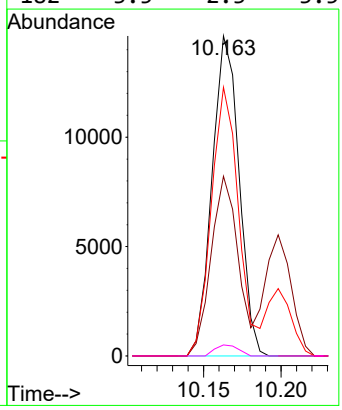
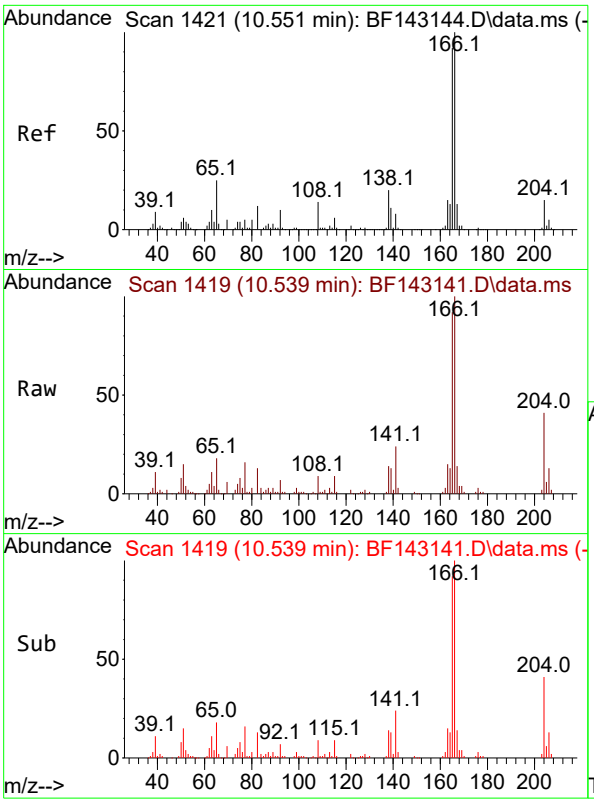



#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 17709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.1 | 41.0 | 61.4 |
| 89 | 83.9 | 61.1 | 91.7 |
| 182 | 3.5 | 2.3 | 3.5 |

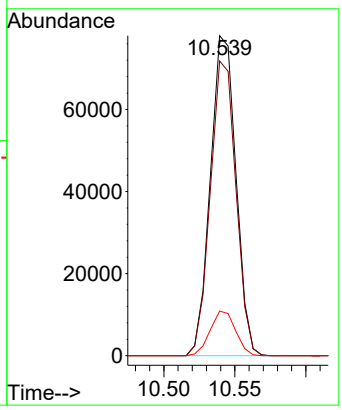





#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 9747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 14.0 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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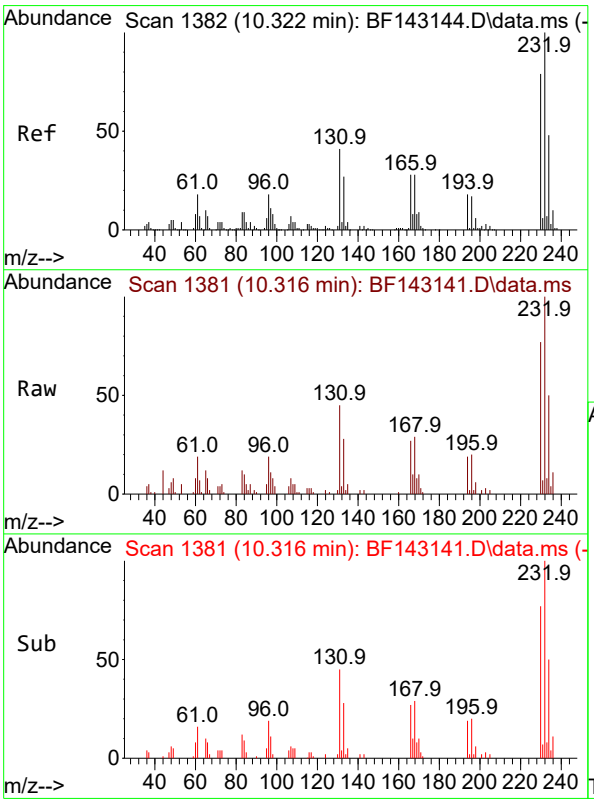
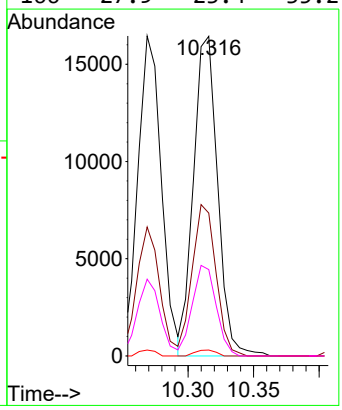
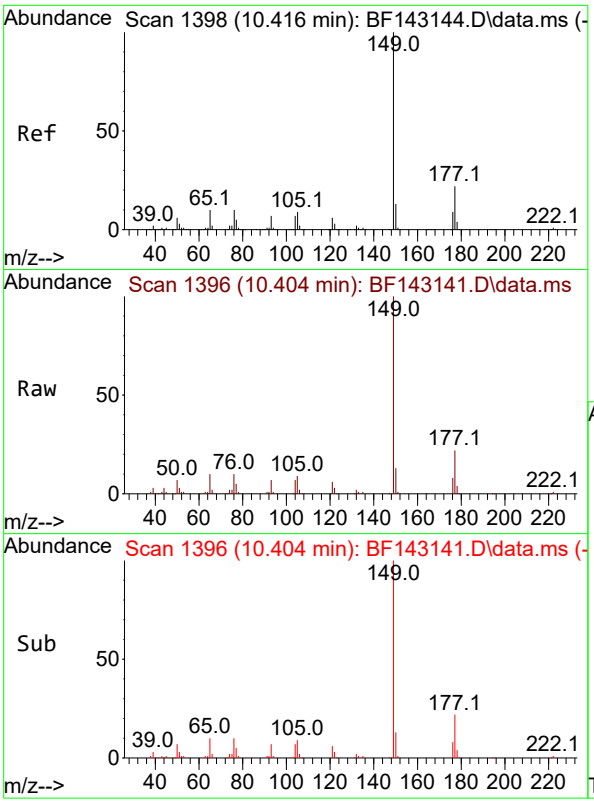



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:232 Resp: 21108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 46.6 | 35.3 | 52.9 |
| 130 | 1.6 | 1.7 | 2.5# |
| 166 | 27.9 | 23.4 | 35.2 |

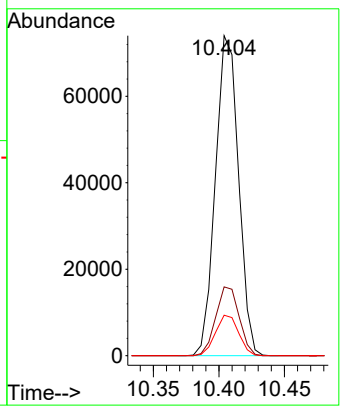





#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 9065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |




**Instrument :**
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SSTDICC005

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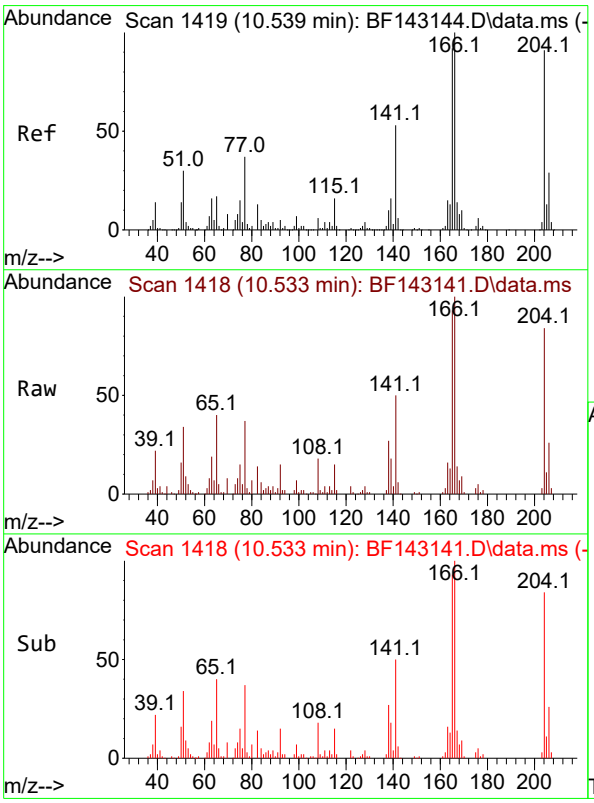
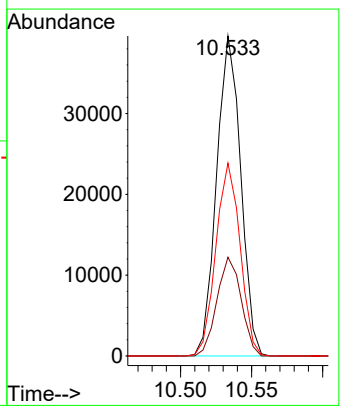
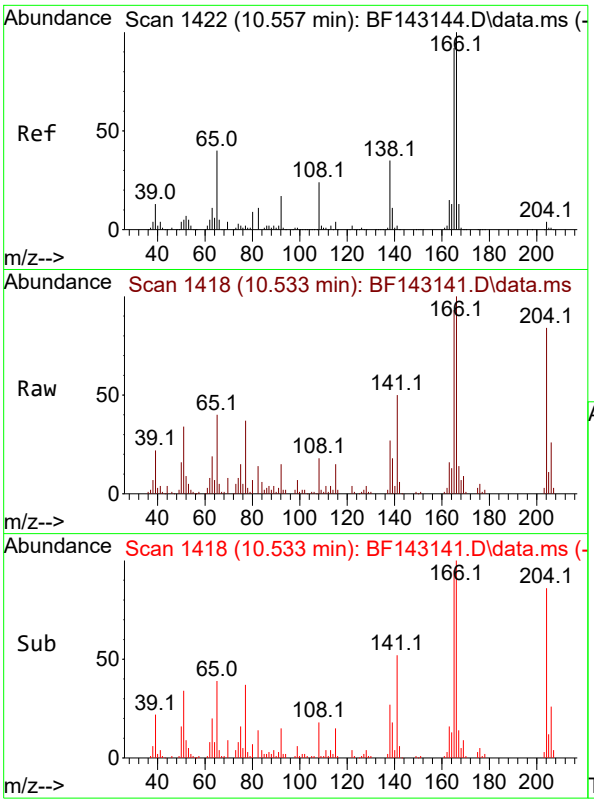



#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:204 Resp: 46747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 30.8 | 25.8 | 38.8 |
| 141 | 60.2 | 47.0 | 70.4 |

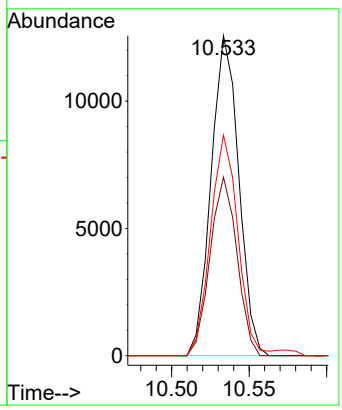





#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 1556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.8 | 29.3 | 69.3 |
| 108 | 68.9 | 48.3 | 88.3 |




**Instrument :**
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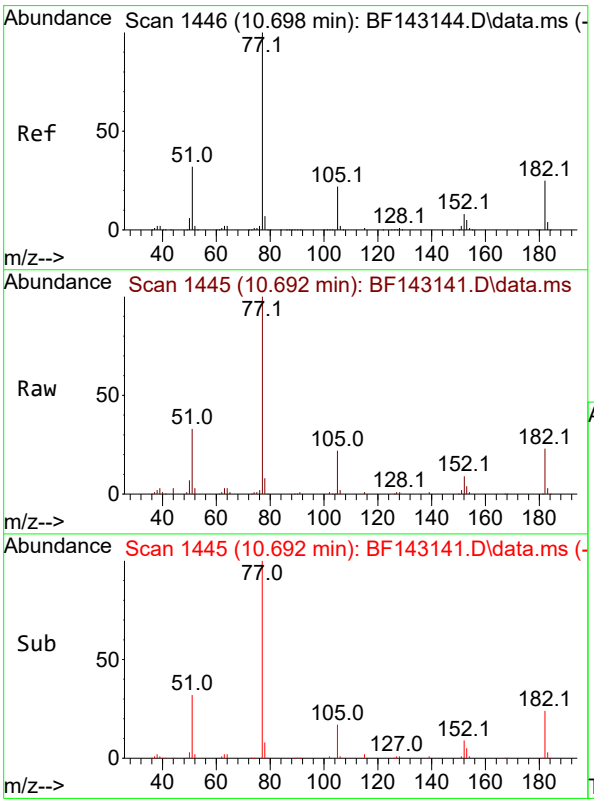
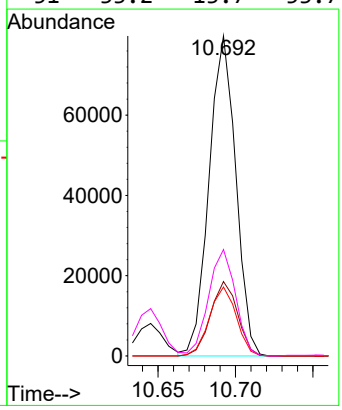
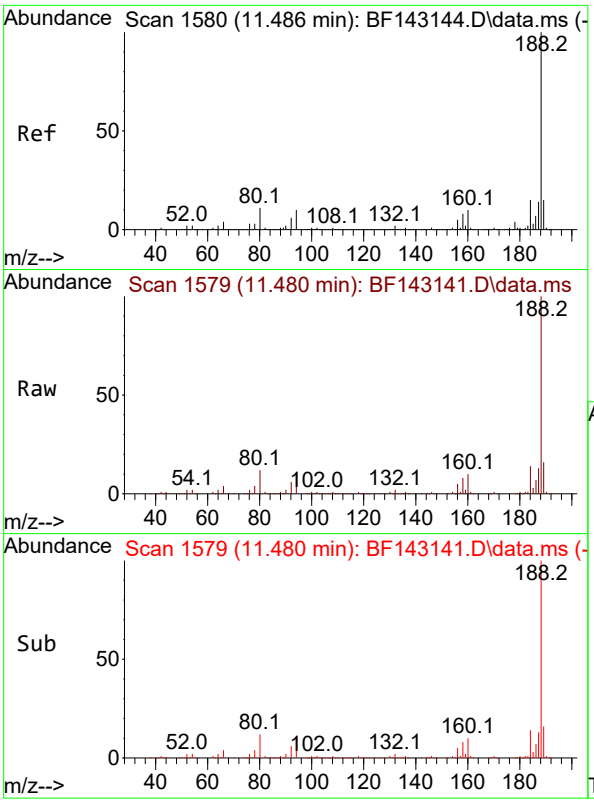



#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 95602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.2 | 4.6 | 44.6 |
| 105 | 21.5 | 1.4 | 41.4 |
| 51 | 33.2 | 13.7 | 53.7 |

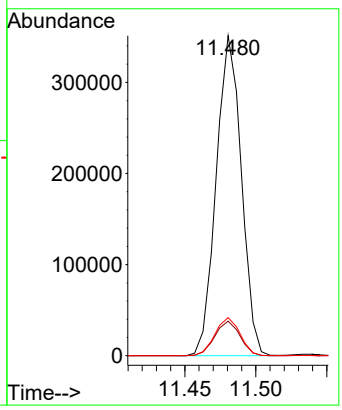





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 43232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.3 | 12.5 |
| 80 | 11.9 | 9.0 | 13.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
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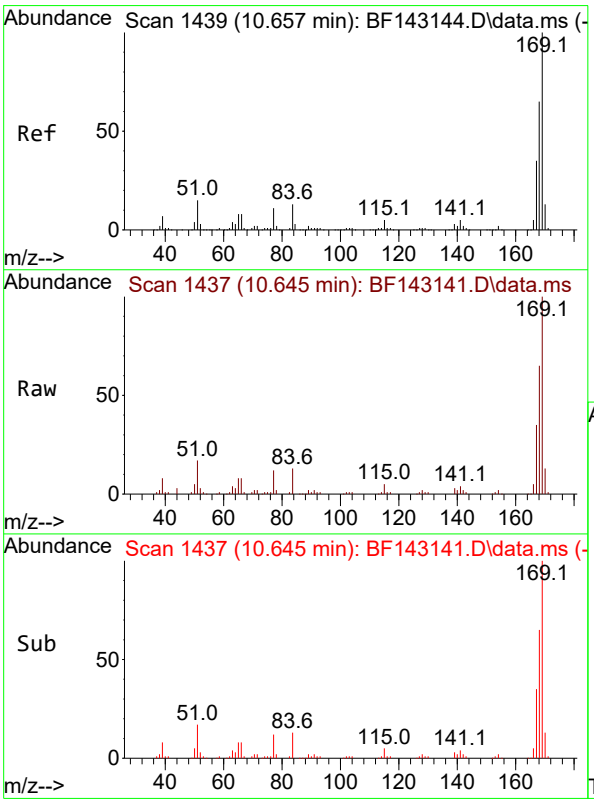
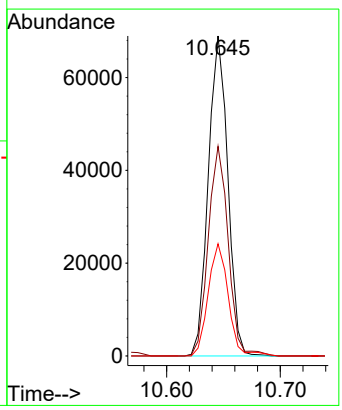
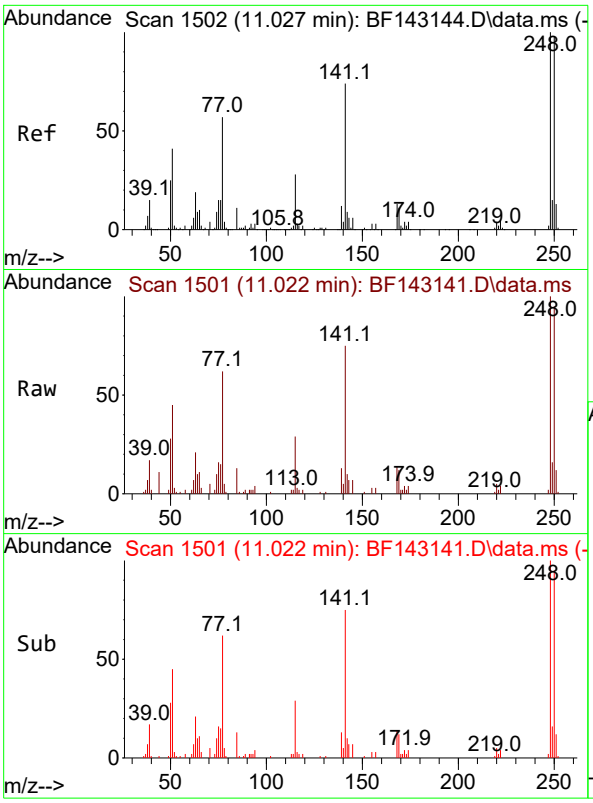



#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 52.1 | 78.1 |
| 167 | 35.1 | 28.2 | 42.2 |

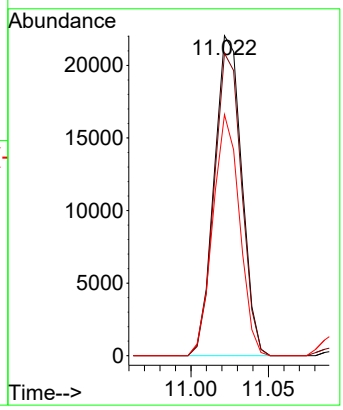





#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:248 Resp: 2725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.5 | 78.3 | 117.5 |
| 141 | 75.4 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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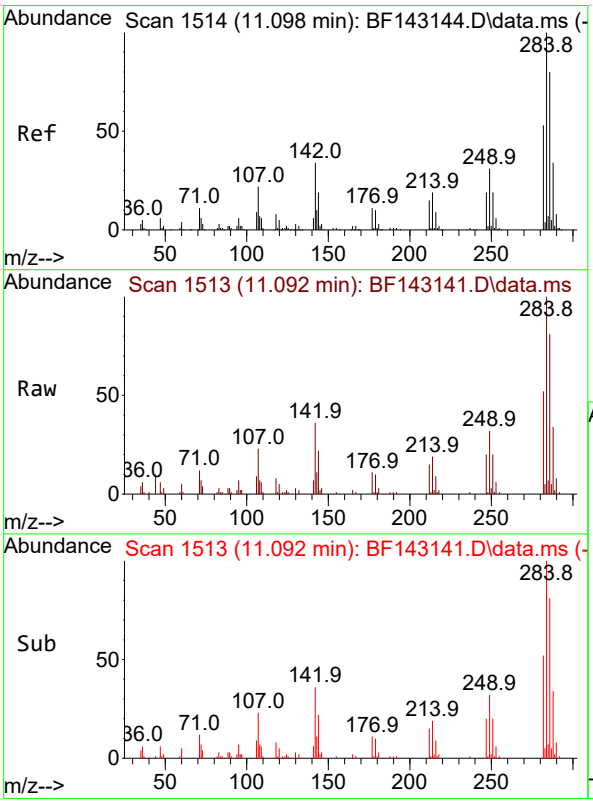
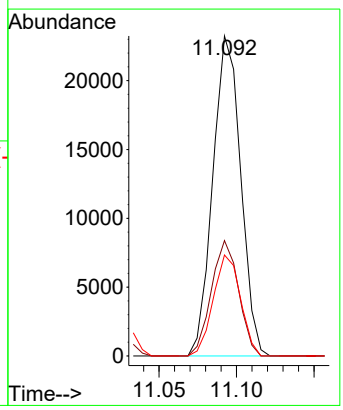
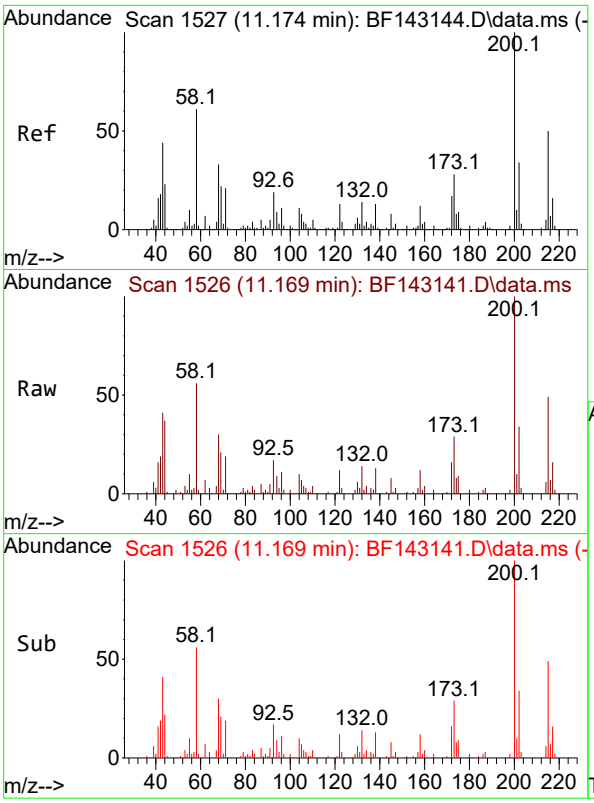



#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.1 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |

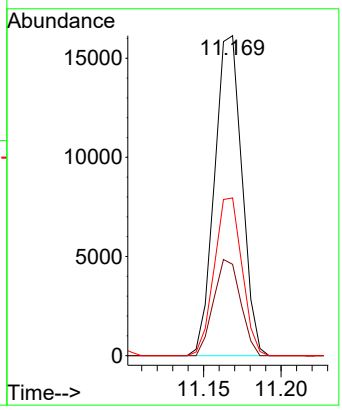





#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:200 Resp: 1986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 7.9 | 47.9 |
| 215 | 49.3 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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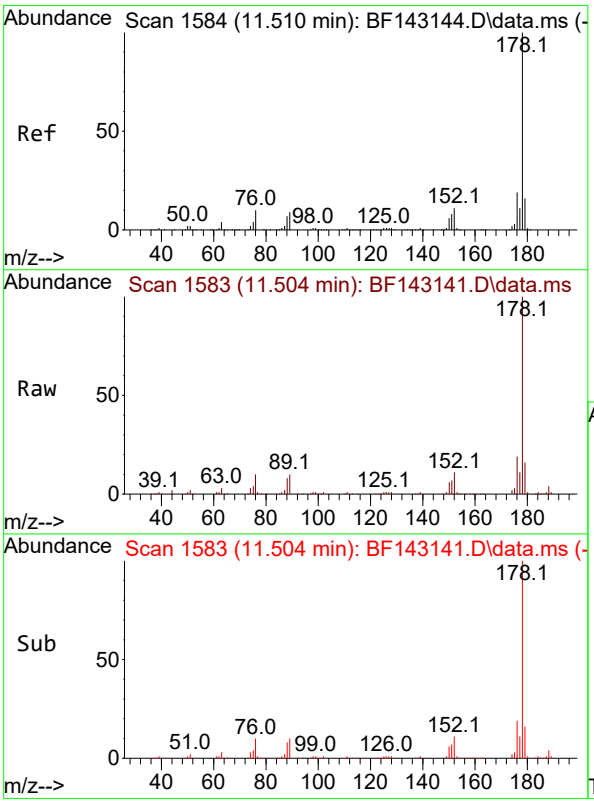
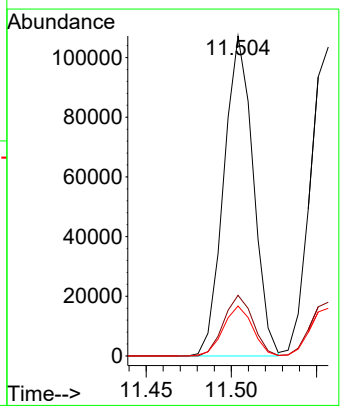
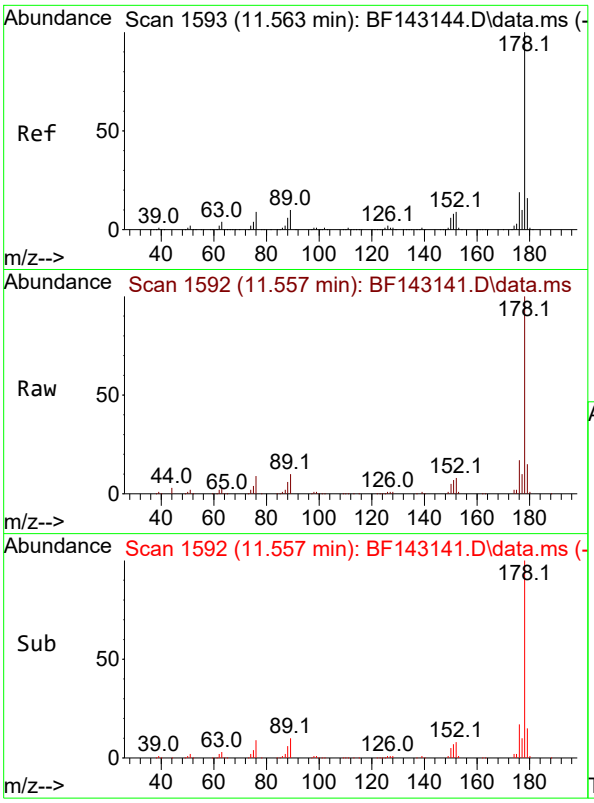



#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 128762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.6 | 12.5 | 18.7 |

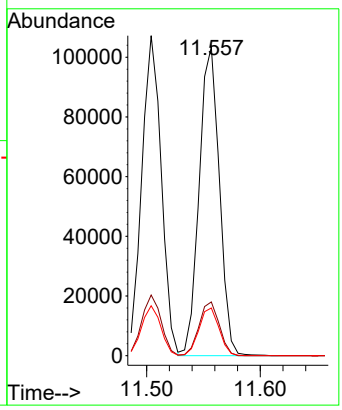





#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 12793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.4 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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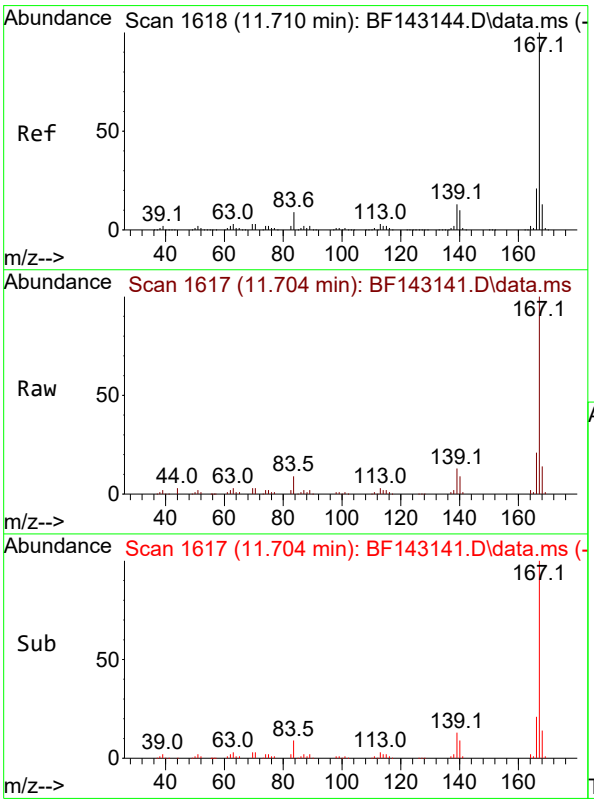
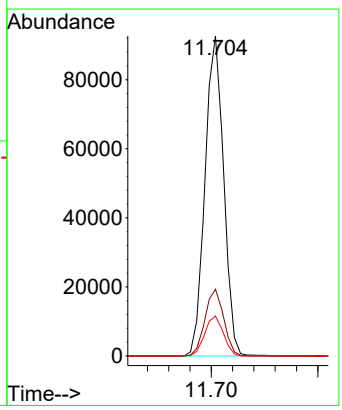
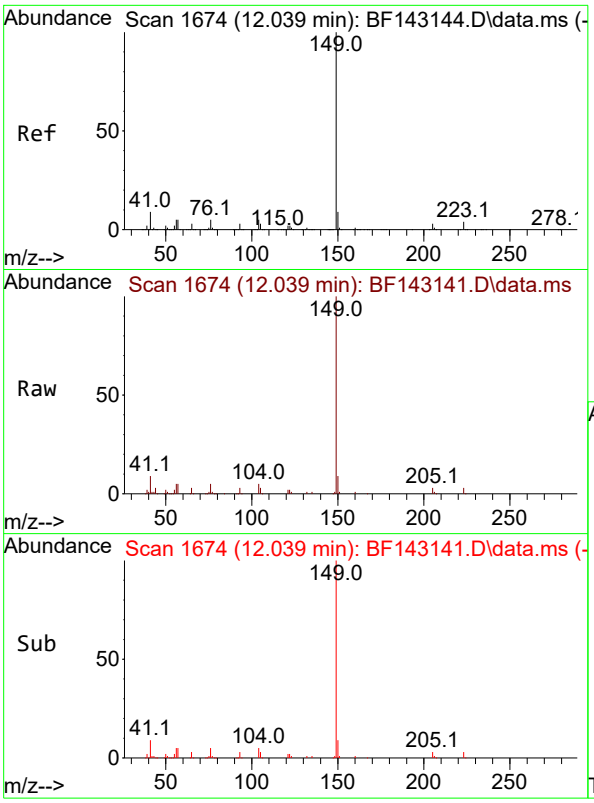



#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:167 Resp: 112588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |

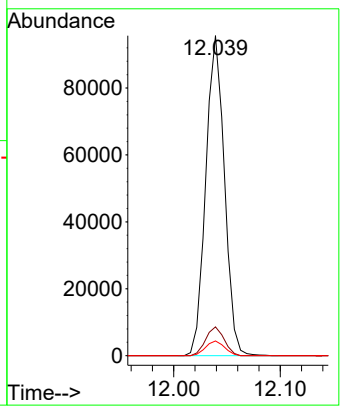





#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 11629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.2 |
| 104 | 4.6 | 3.8 | 5.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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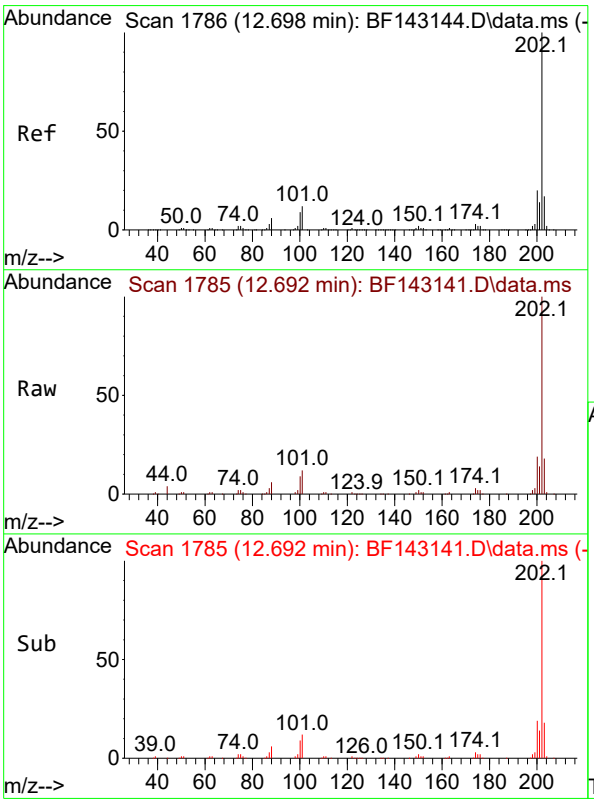
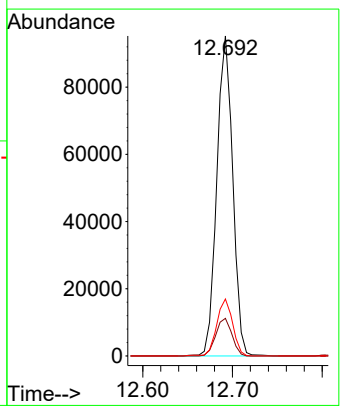
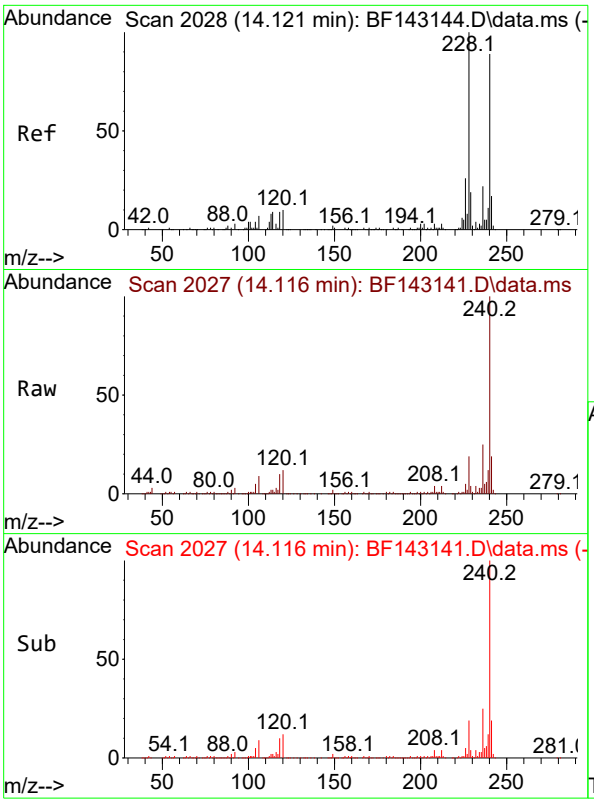



#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 117249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

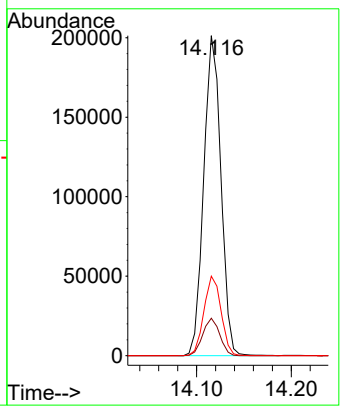





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 25300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.4 | 14.2 |
| 236 | 24.9 | 20.2 | 30.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

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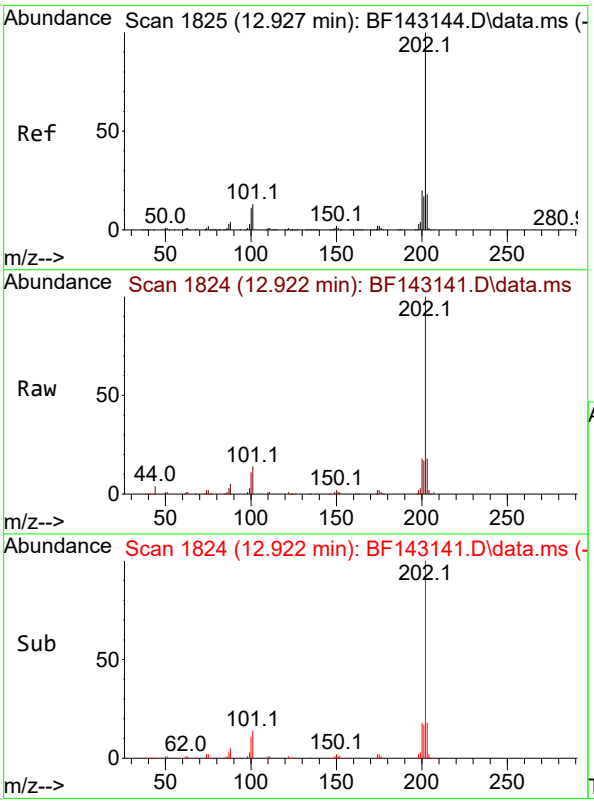
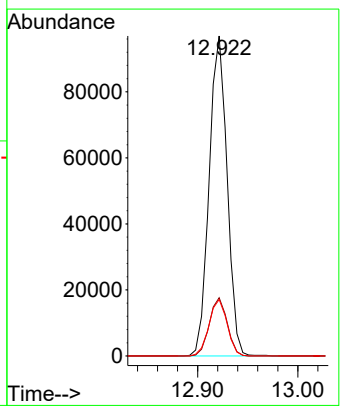
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

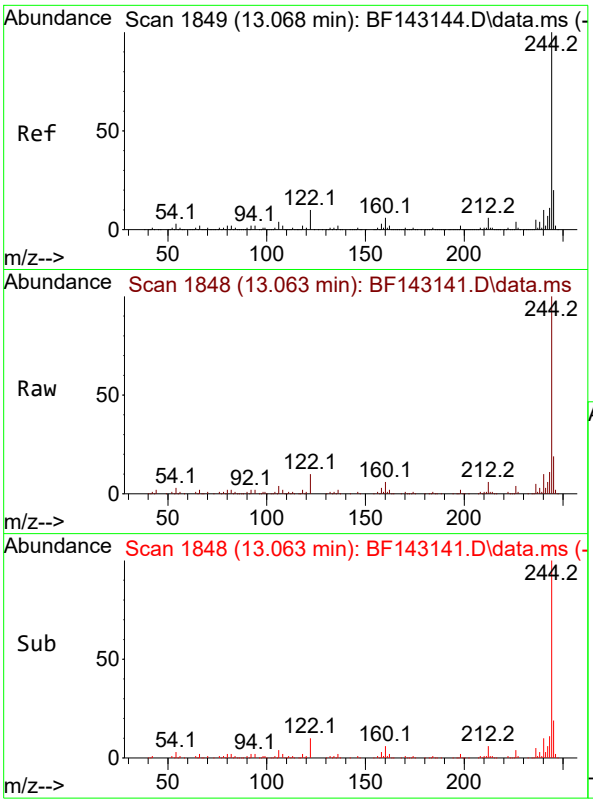



#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.2 | 15.7 | 23.5 |
| 203 | 17.6 | 14.2 | 21.2 |

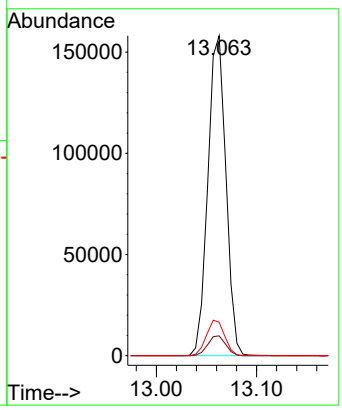





#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:244 Resp: 19816

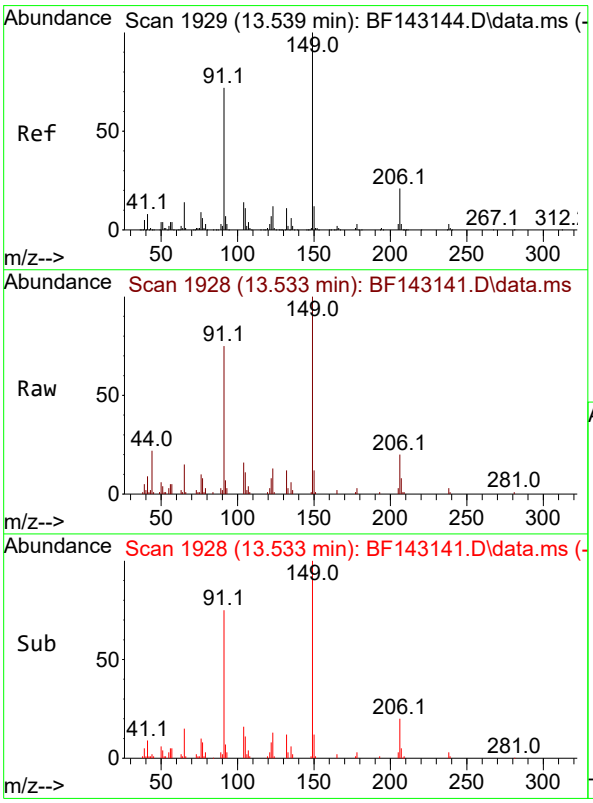
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.2 | 7.8 |
| 122 | 10.5 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

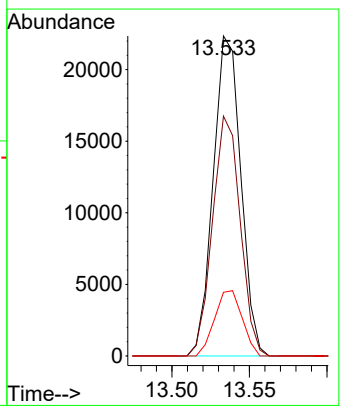
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

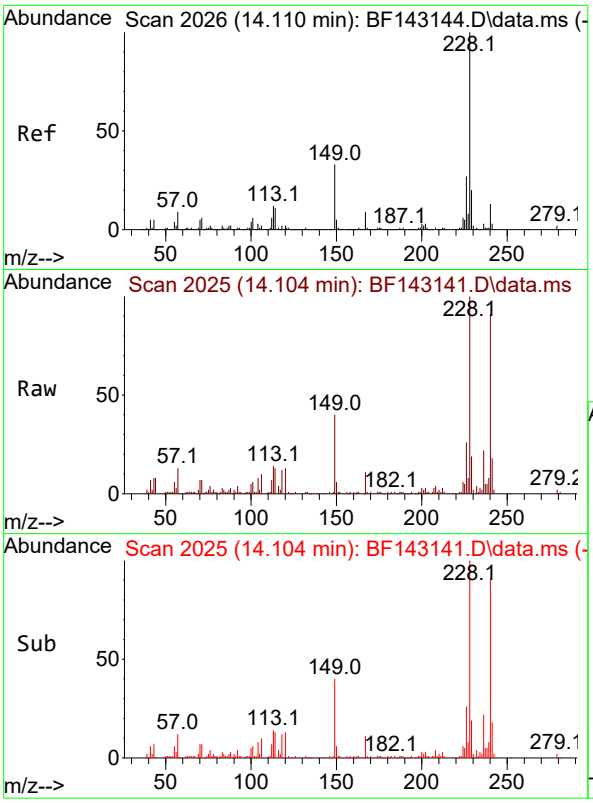



#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.9 | 57.9 | 86.9 |
| 206 | 19.9 | 17.0 | 25.4 |

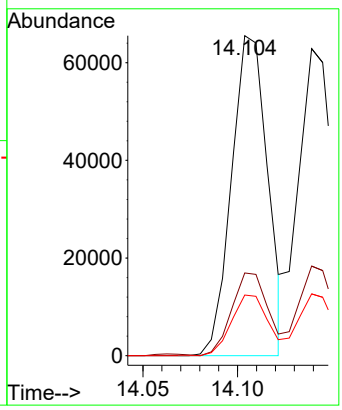





#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 8692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.8 | 21.7 | 32.5 |
| 229 | 19.0 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
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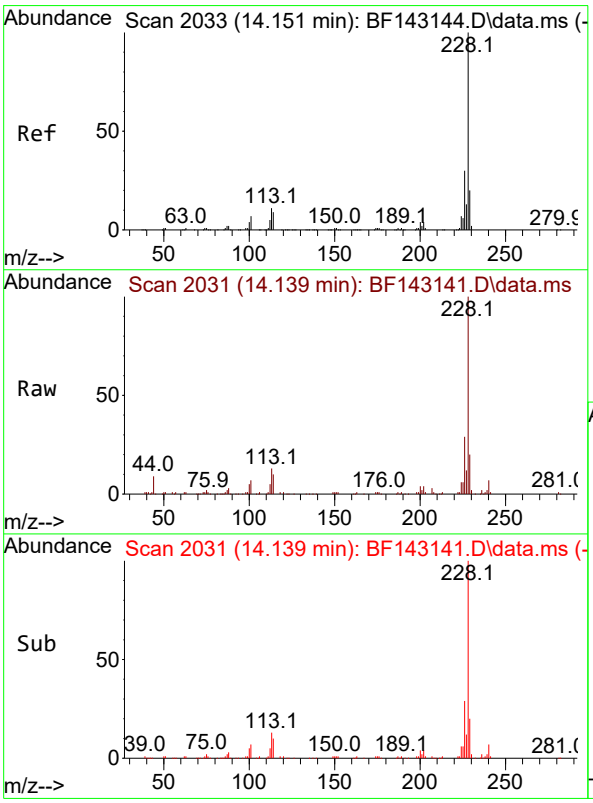
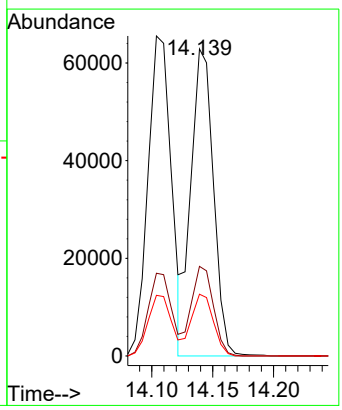
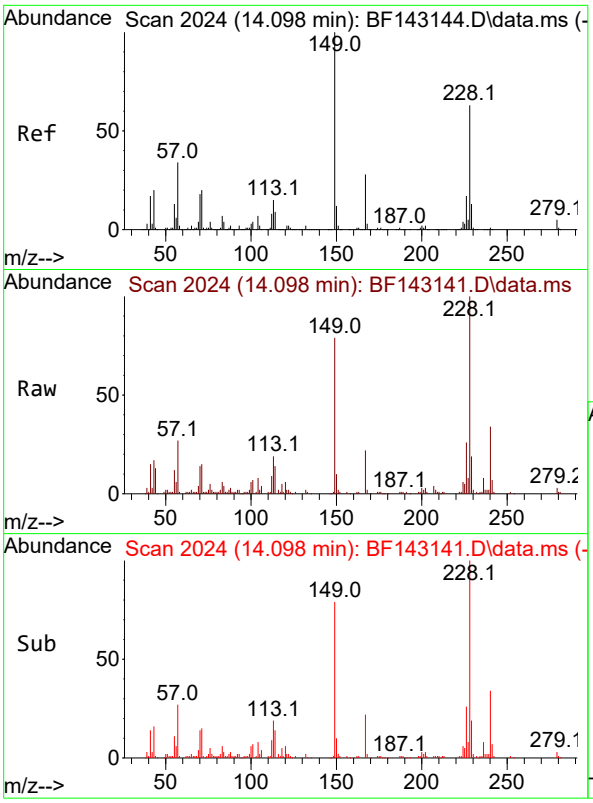



#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:228 Resp: 81091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.8 | 35.8 |
| 229 | 20.1 | 15.6 | 23.4 |

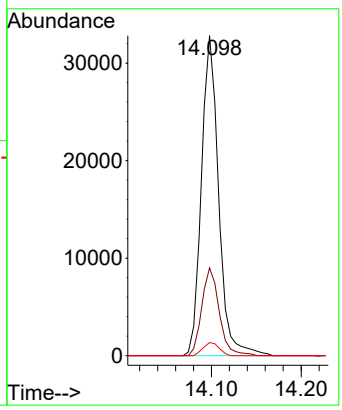





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 4373

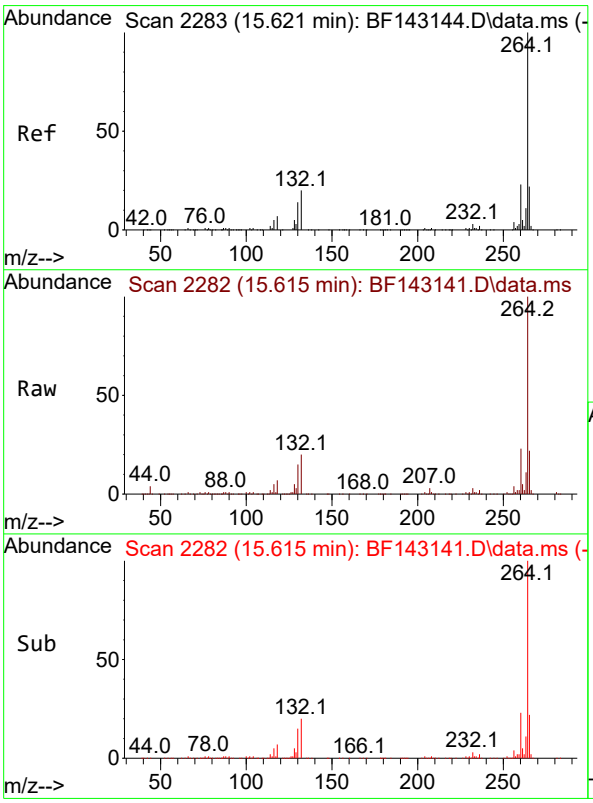
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.5 | 22.3 | 33.5 |
| 279 | 4.1 | 3.6 | 5.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

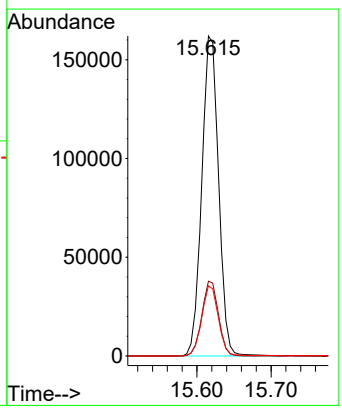
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

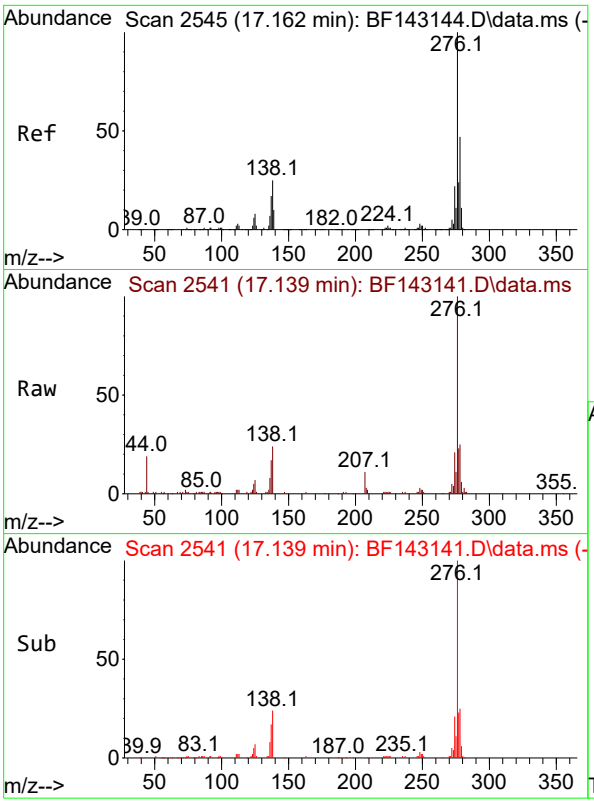



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.5 | 27.7 |
| 265 | 21.9 | 17.4 | 26.2 |

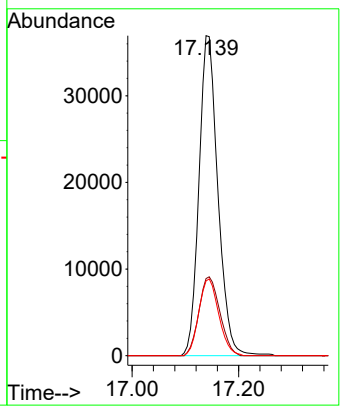





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 9107

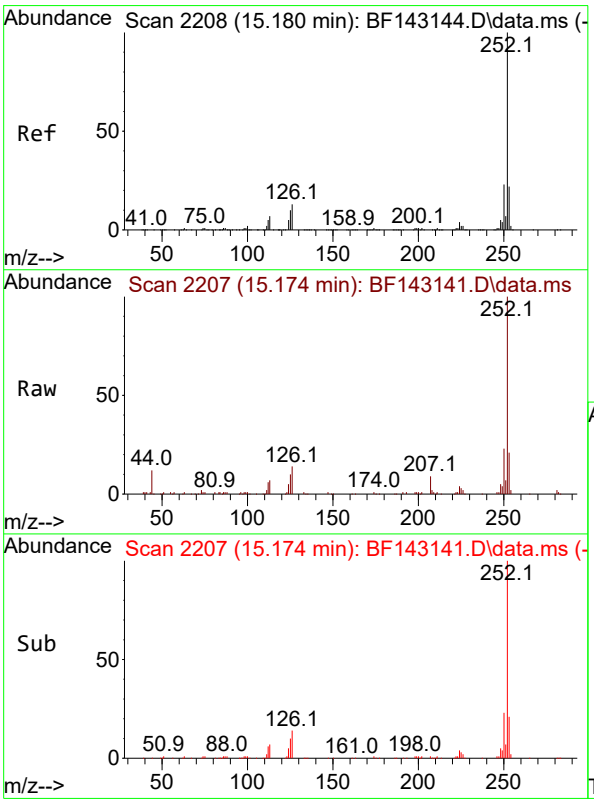
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 21.8 | 32.6 |
| 277 | 25.2 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

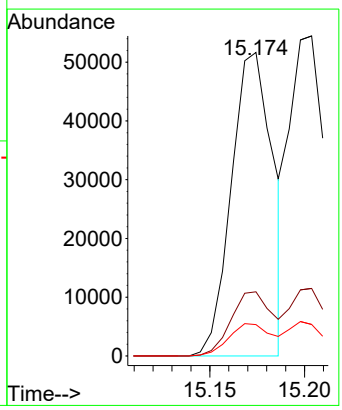
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

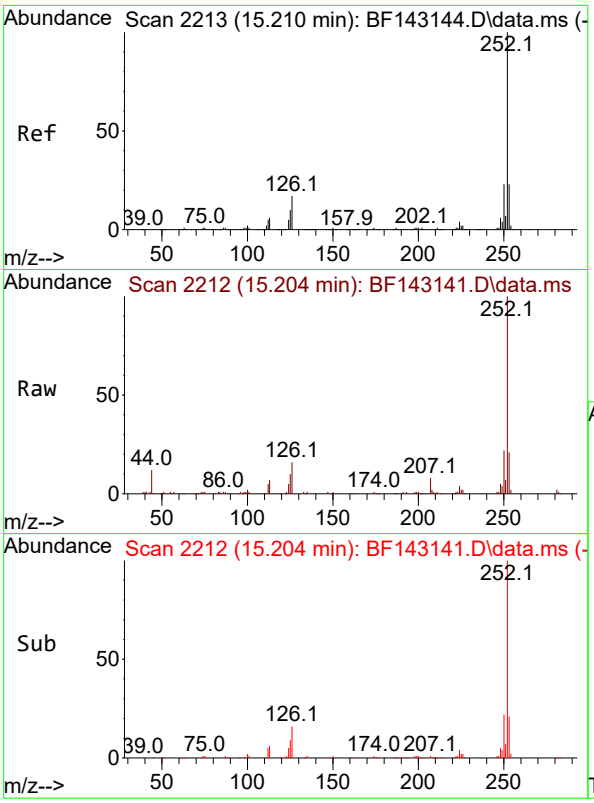



#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |

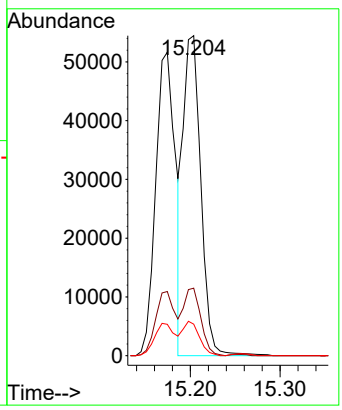





#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 7473

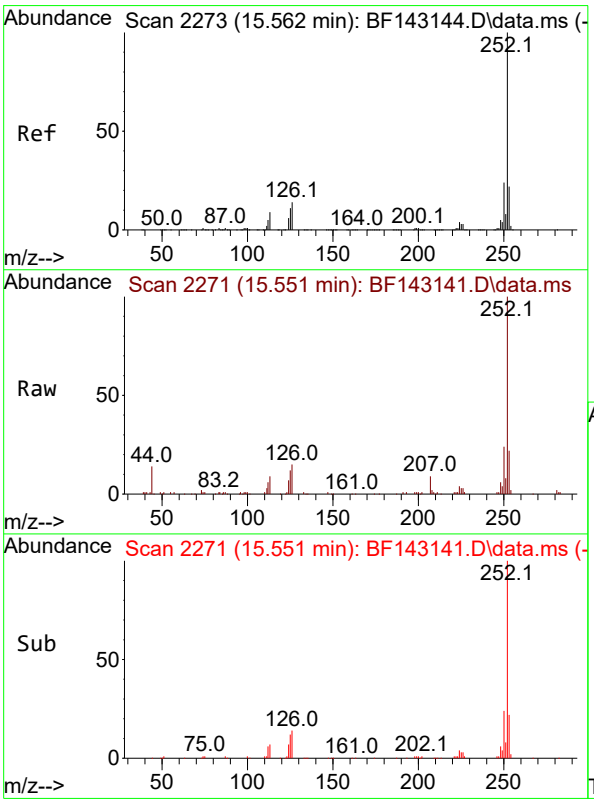
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.8 | 26.6 |
| 125 | 9.9 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

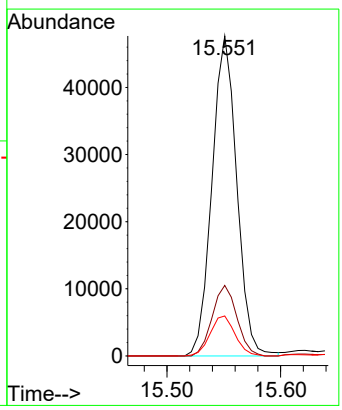
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

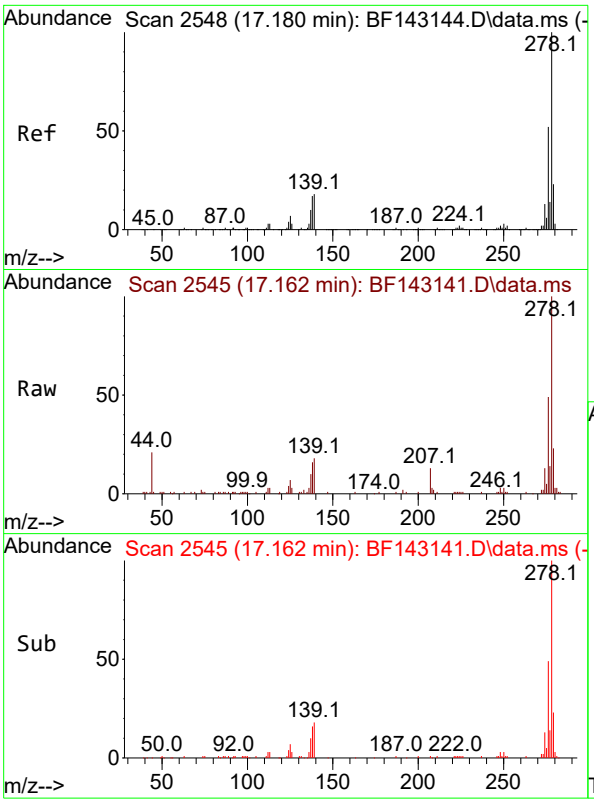



#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.3 | 25.9 |
| 125 | 12.5 | 8.6 | 13.0 |

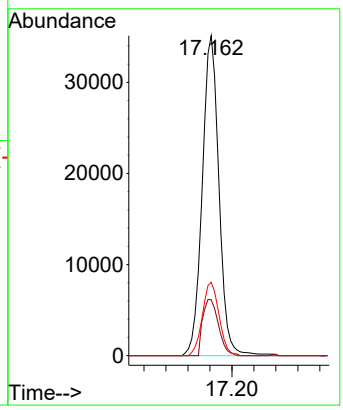





#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:278 Resp: 7412

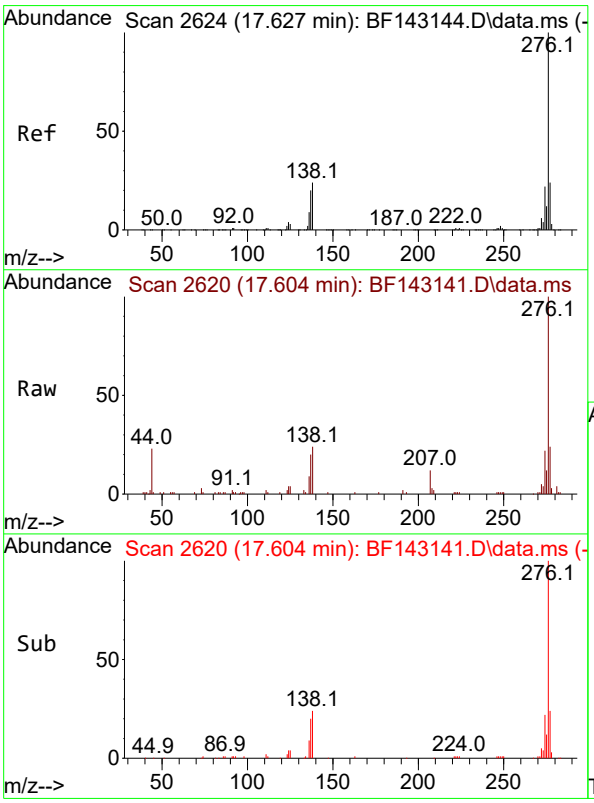
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.5 | 14.1 | 21.1 |
| 279 | 22.9 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

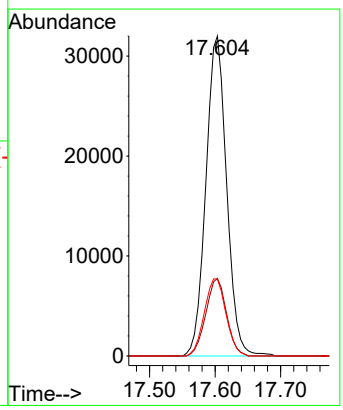
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.1 | 28.7 |
| 138 | 24.0 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 140410 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.239 | 136 | 545730 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 282580 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 461255 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.116 | 240 | 254650 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 273706 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 184363 | 20.778 | ng | | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 230206 | 20.613 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.510 | 82 | 215086m | 19.646 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 56961 | 19.512 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 464669 | 22.489 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.063 | 244 | 370808 | 21.669 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 40860 | 9.732 | ng | | 98 |
| 3) Pyridine | 3.587 | 79 | 109317 | 10.032 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 54487 | 9.684 | ng | | 98 |
| 6) Aniline | 6.616 | 93 | 158580 | 10.188 | ng | | 99 |
| 8) 2-Chlorophenol | 6.740 | 128 | 94265 | 10.135 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 81897 | 9.779 | ng | | 100 |
| 10) Phenol | 6.587 | 94 | 124080m | 10.198 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.687 | 93 | 94260 | 10.119 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 106226 | 10.514 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 106581 | 10.475 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 99226 | 10.253 | ng | | 99 |
| 15) Benzyl Alcohol | 7.087 | 79 | 85240 | 9.996 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 179226 | 10.371 | ng | | 99 |
| 17) 2-Methylphenol | 7.198 | 107 | 78001 | 9.974 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 34985 | 9.932 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.357 | 70 | 73815 | 10.302 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.345 | 107 | 103018 | 10.858 | ng | | 91 |
| 22) Acetophenone | 7.357 | 105 | 137532 | 10.645 | ng | # | 98 |
| 24) Nitrobenzene | 7.534 | 77 | 100837 | 9.879 | ng | | 98 |
| 25) Isophorone | 7.769 | 82 | 192895 | 9.981 | ng | | 100 |
| 26) 2-Nitrophenol | 7.851 | 139 | 38451 | 8.680 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.881 | 122 | 92724 | 10.269 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.981 | 93 | 119320 | 10.297 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.087 | 162 | 76847 | 10.091 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 83842 | 10.191 | ng | | 100 |
| 31) Naphthalene | 8.263 | 128 | 283107 | 10.534 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 28431m | 10.113 | ng | | |
| 33) 4-Chloroaniline | 8.304 | 127 | 113797 | 10.369 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 51715 | 10.290 | ng | | 99 |
| 35) Caprolactam | 8.634 | 113 | 21157 | 9.194 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 84647 | 10.227 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.951 | 142 | 172865 | 10.570 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.051 | 142 | 177917 | 10.564 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 84494 | 10.357 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 47577 | 8.963 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 57396 | 10.165 | ng | | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.257 | 196 | 54716 | 9.688 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 235467 | 10.680 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.439 | 162 | 172831 | 10.595 | ng | | 98 |
| 48) 2-Nitroaniline | 9.528 | 65 | 47055 | 9.198 | ng | | 99 |
| 49) Acenaphthylene | 9.857 | 152 | 289989 | 10.607 | ng | | 98 |
| 50) Dimethylphthalate | 9.704 | 163 | 189399 | 10.283 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.763 | 165 | 35364 | 9.438 | ng | | 93 |
| 52) Acenaphthene | 10.028 | 154 | 168698 | 10.440 | ng | | 99 |
| 53) 3-Nitroaniline | 9.933 | 138 | 42367 | 9.667 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 10.033 | 184 | 7147 | 10.522 | ng | # | 1 |
| 55) Dibenzofuran | 10.198 | 168 | 255272 | 10.641 | ng | | 99 |
| 56) 4-Nitrophenol | 10.075 | 139 | 28233 | 8.627 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 41815 | 8.895 | ng | | 98 |
| 58) Fluorene | 10.545 | 166 | 198041 | 10.999 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 46720 | 9.986 | ng | | 99 |
| 60) Diethylphthalate | 10.410 | 149 | 186802 | 10.261 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204 | 94685 | 10.561 | ng | | 97 |
| 62) 4-Nitroaniline | 10.539 | 138 | 35962 | 9.574 | ng | | 98 |
| 63) Azobenzene | 10.692 | 77 | 197998 | 10.435 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.575 | 198 | 12541 | 10.014 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.645 | 169 | 167901 | 10.337 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248 | 54849 | 9.978 | ng | | 97 |
| 68) Hexachlorobenzene | 11.092 | 284 | 57305 | 9.974 | ng | | 97 |
| 69) Atrazine | 11.169 | 200 | 43045 | 9.613 | ng | | 98 |
| 70) Pentachlorophenol | 11.280 | 266 | 27529 | 8.148 | ng | | 99 |
| 71) Phenanthrene | 11.504 | 178 | 253750 | 10.361 | ng | | 99 |
| 72) Anthracene | 11.557 | 178 | 261960 | 10.487 | ng | | 99 |
| 73) Carbazole | 11.704 | 167 | 223376 | 10.241 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 243142 | 9.852 | ng | | 100 |
| 75) Fluoranthene | 12.692 | 202 | 227701 | 10.129 | ng | | 99 |
| 77) Benzidine | 12.804 | 184 | 96484 | 9.834 | ng | | 99 |
| 78) Pyrene | 12.922 | 202 | 227008 | 10.445 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 60055 | 9.024 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 174020 | 10.207 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.063 | 252 | 55694 | 9.802 | ng | | 97 |
| 83) Chrysene | 14.145 | 228 | 149446 | 9.750 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 96191 | 9.549 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 162156 | 8.881 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.145 | 276 | 182869 | 9.475 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 155430 | 9.296 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 157663 | 10.567 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.551 | 252 | 150853 | 9.792 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.162 | 278 | 150977 | 9.611 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.609 | 276 | 143342 | 9.433 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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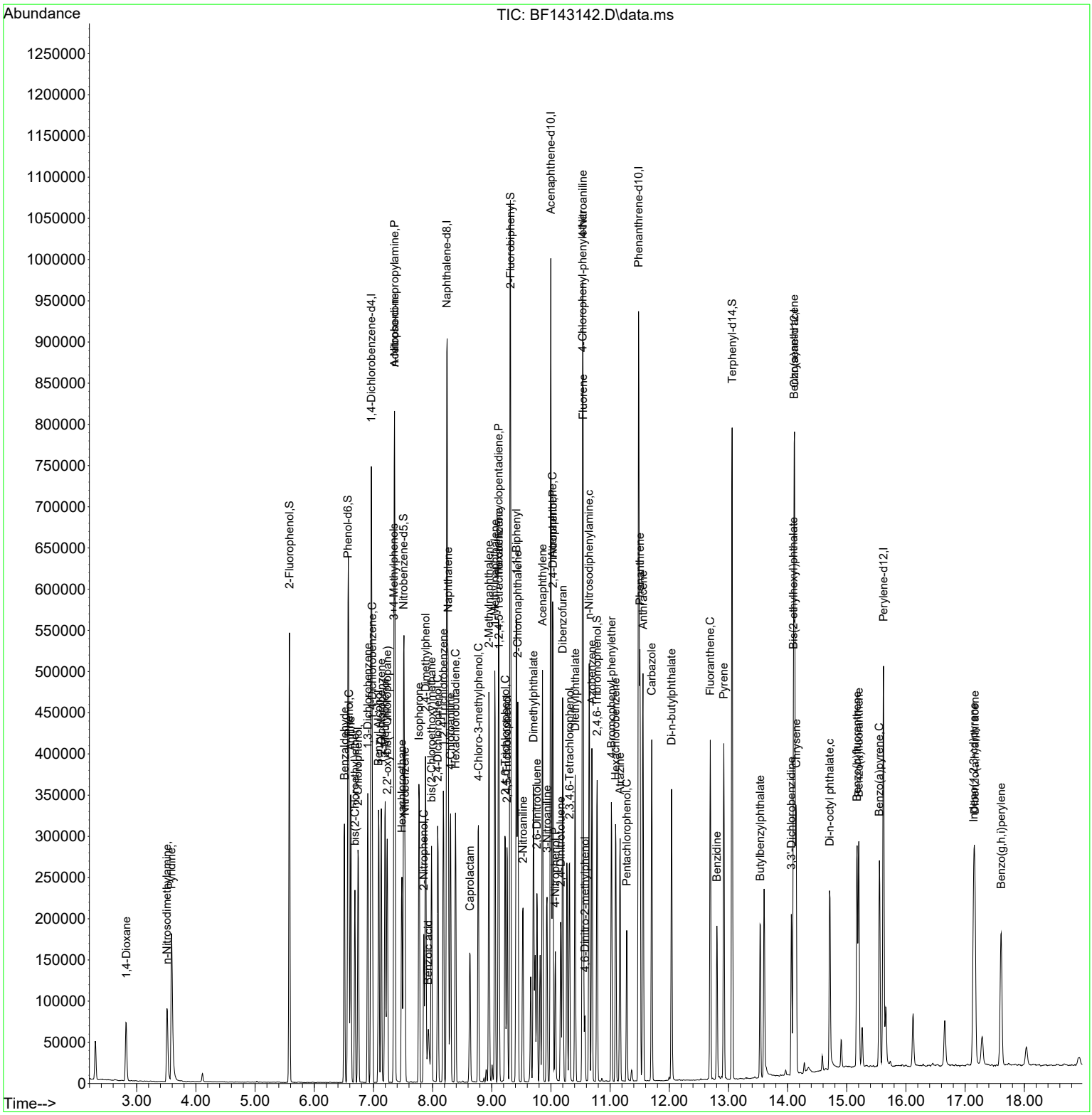
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

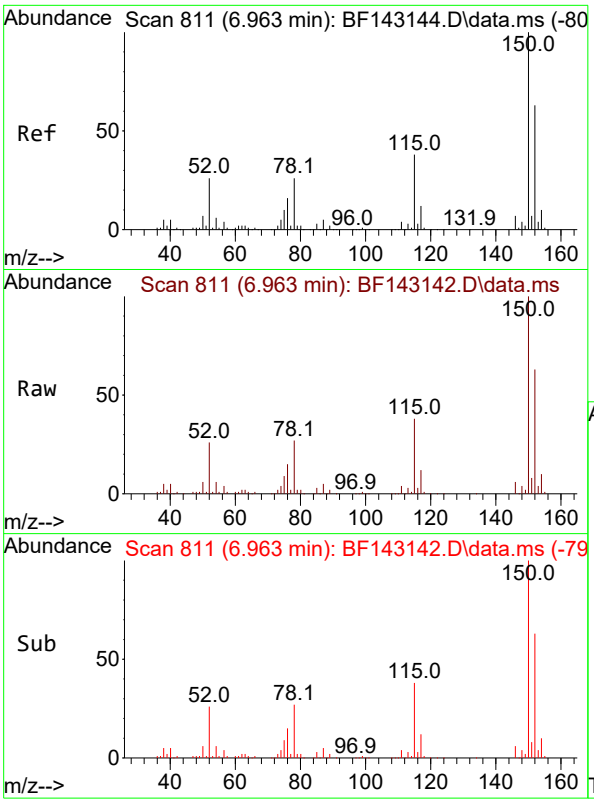
Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

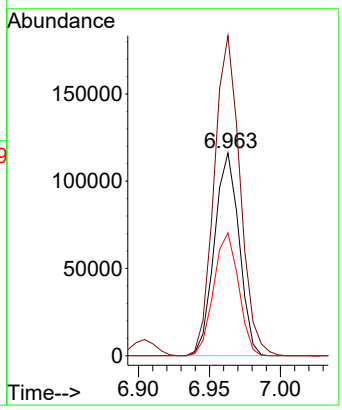





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 14041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 128.2 | 192.4 |
| 115 | 60.6 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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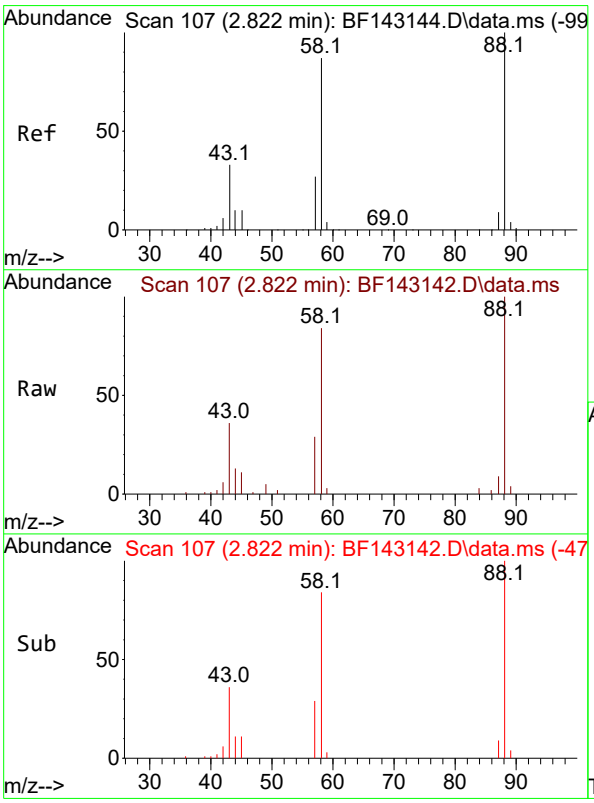
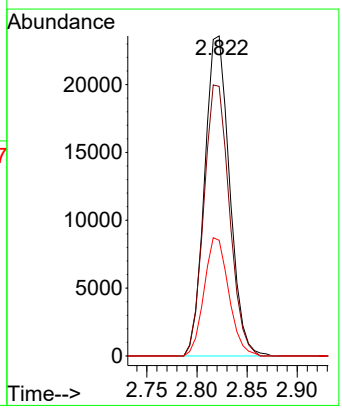
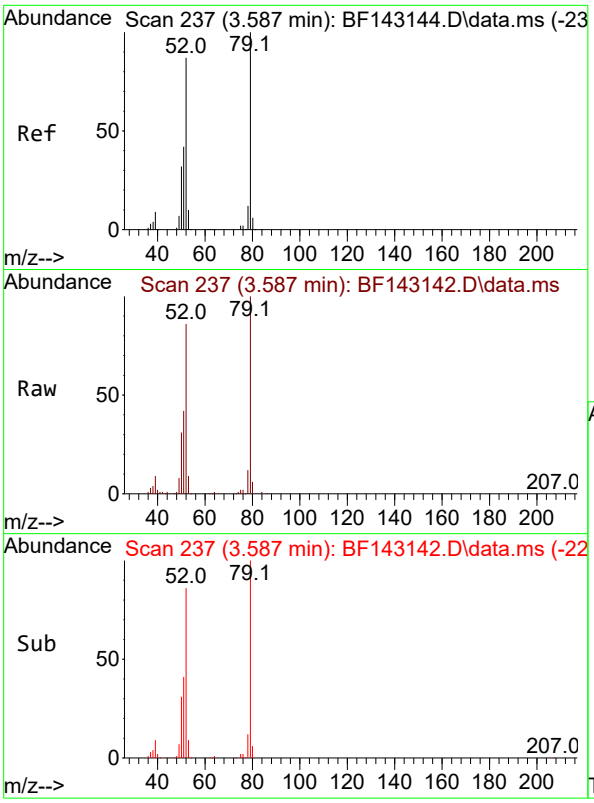



#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.6 | 70.2 | 105.2 |
| 43 | 36.5 | 27.1 | 40.7 |

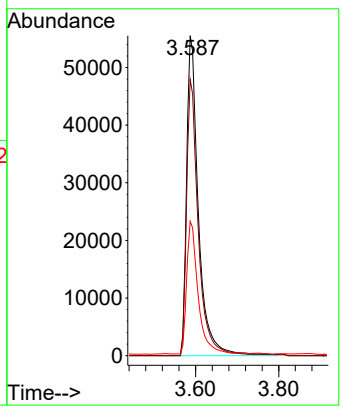





#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 10931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.3 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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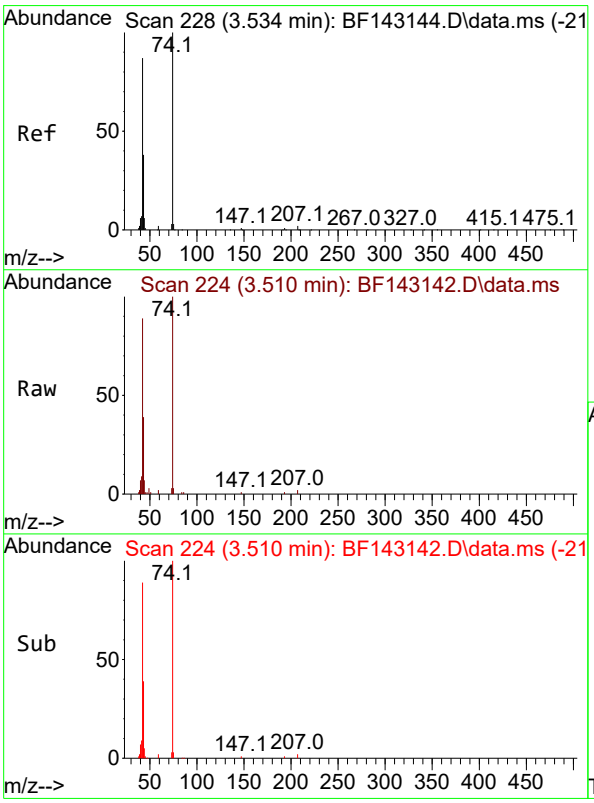
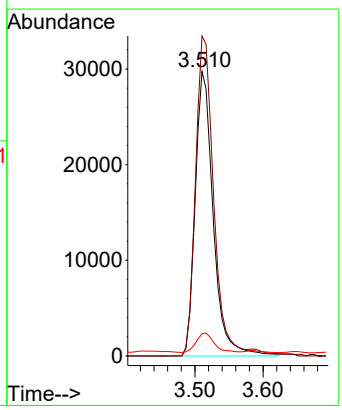
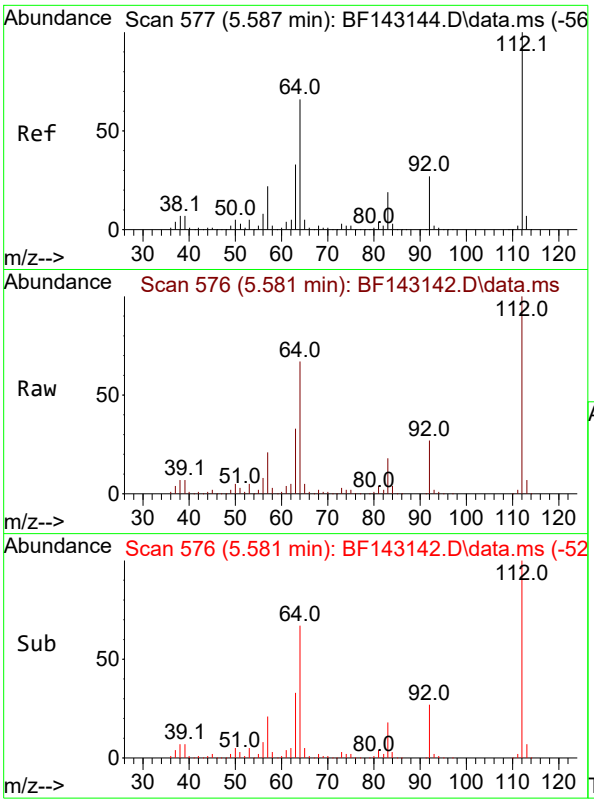



#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.5 | 91.7 | 137.5 |
| 44 | 7.8 | 5.6 | 8.4 |

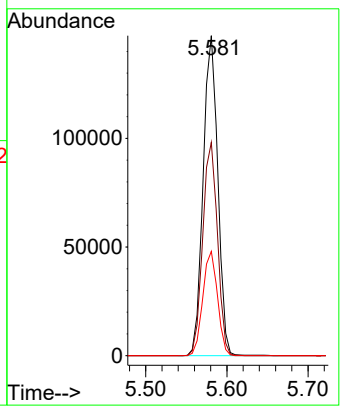





#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:112 Resp: 18436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 53.1 | 79.7 |
| 63 | 32.6 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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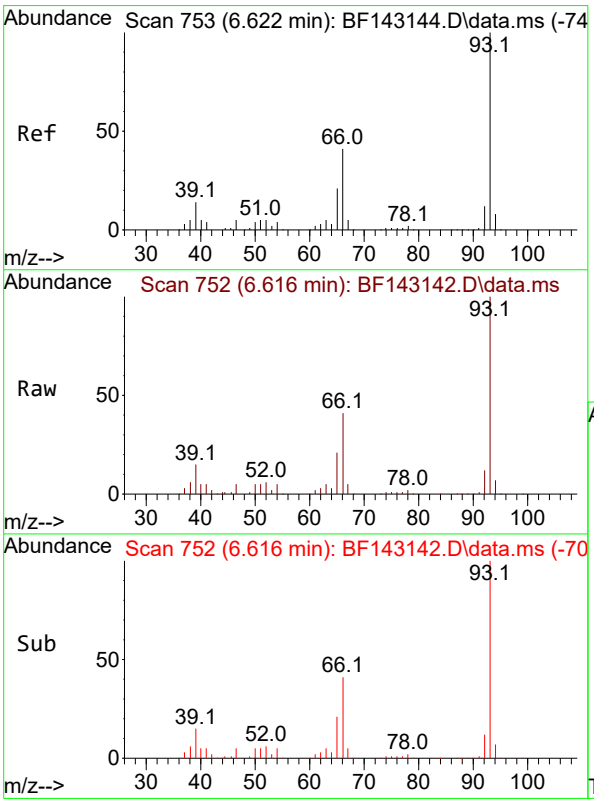
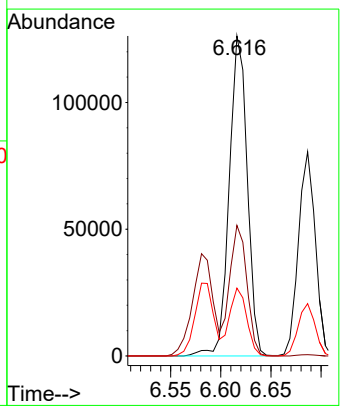
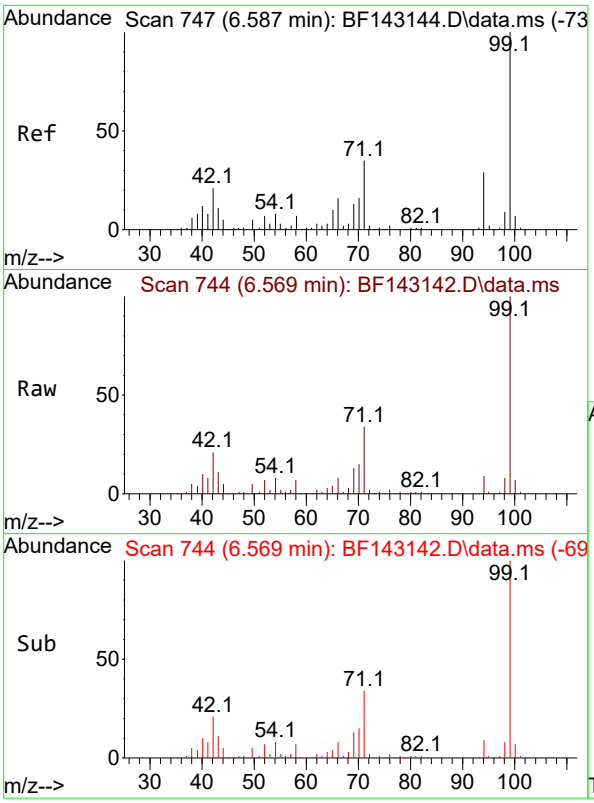



#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.8 | 33.2 | 49.8 |
| 65 | 21.2 | 16.9 | 25.3 |

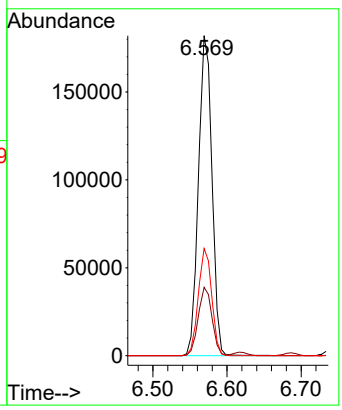





#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 99 Resp: 23020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 33.5 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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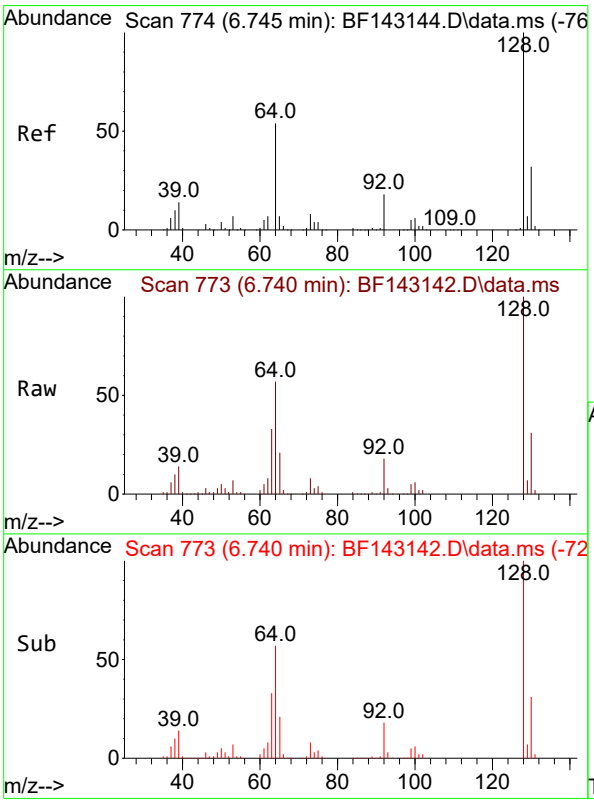
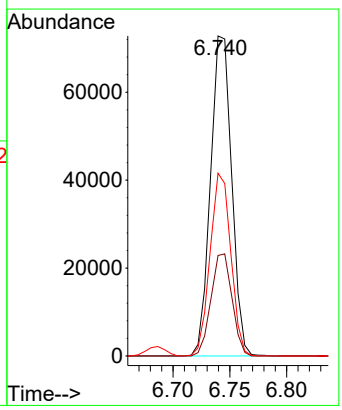
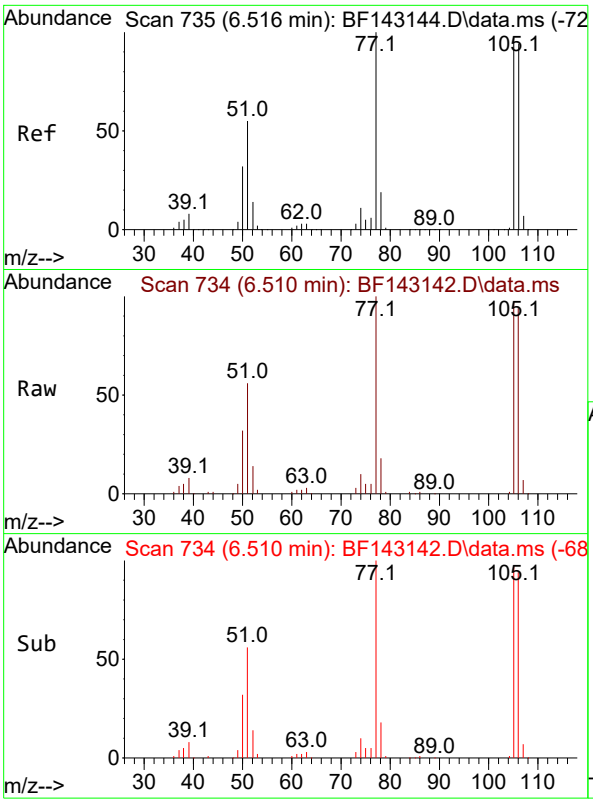



#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.4 | 12.3 | 52.3 |
| 64 | 57.1 | 35.9 | 75.9 |

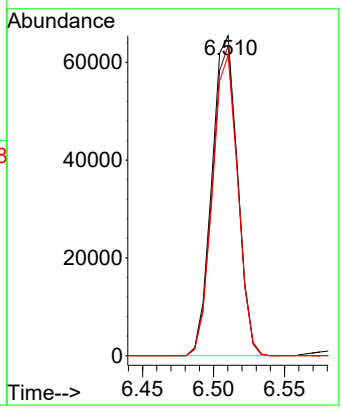





#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 8189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.9 | 76.8 | 116.8 |
| 106 | 93.9 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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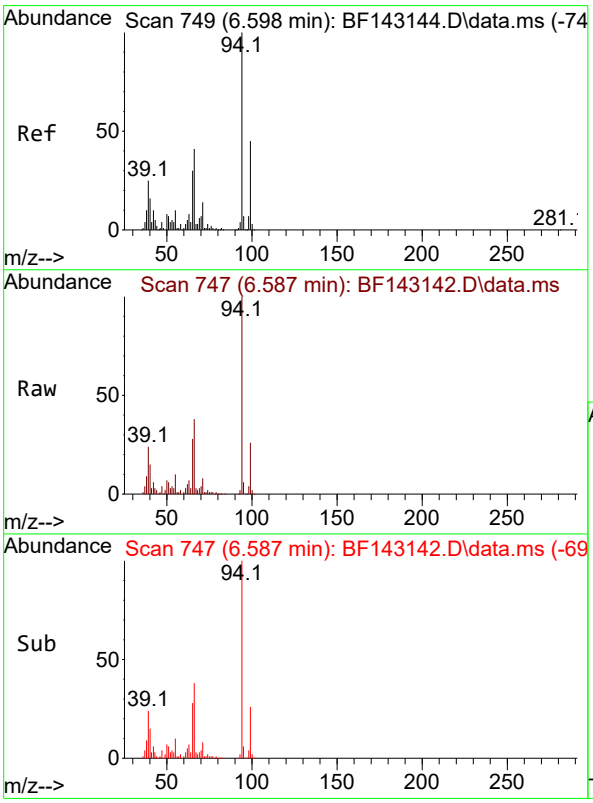
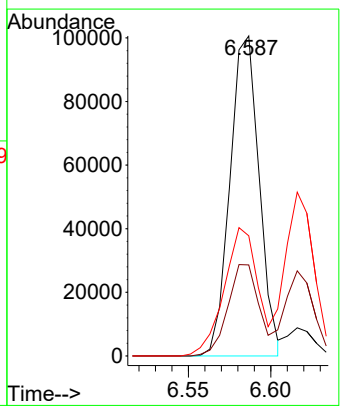
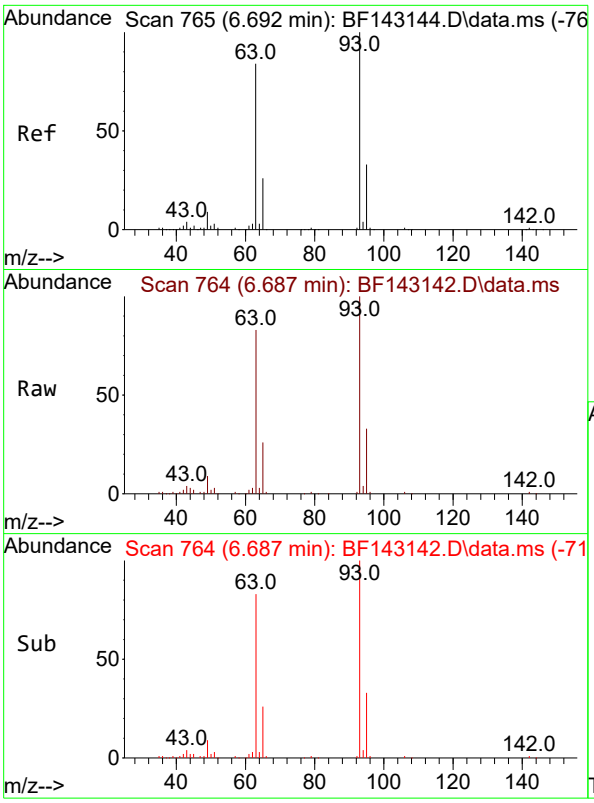



#10
Phenol
Concen: 10.198 ng m
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 124080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.4 | 10.0 | 50.0 |
| 66 | 37.5 | 20.8 | 60.8 |

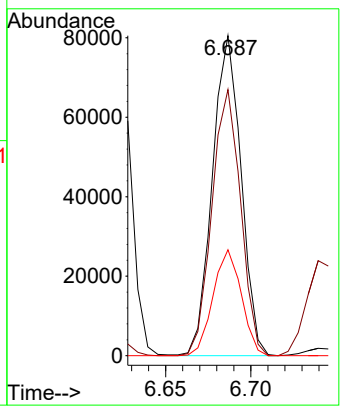





#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 9426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.2 | 63.4 | 103.4 |
| 95 | 33.1 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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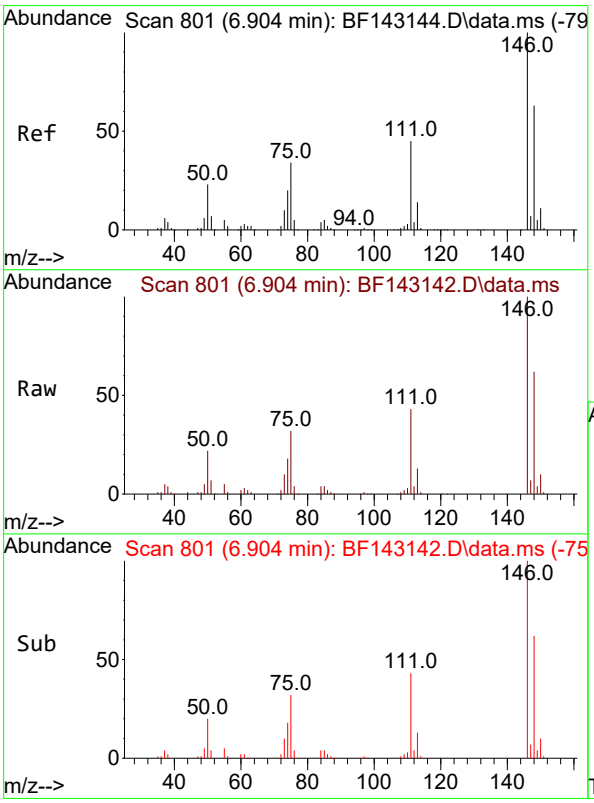
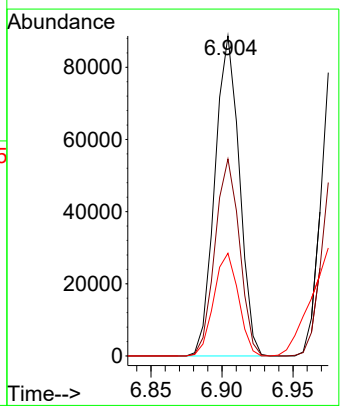
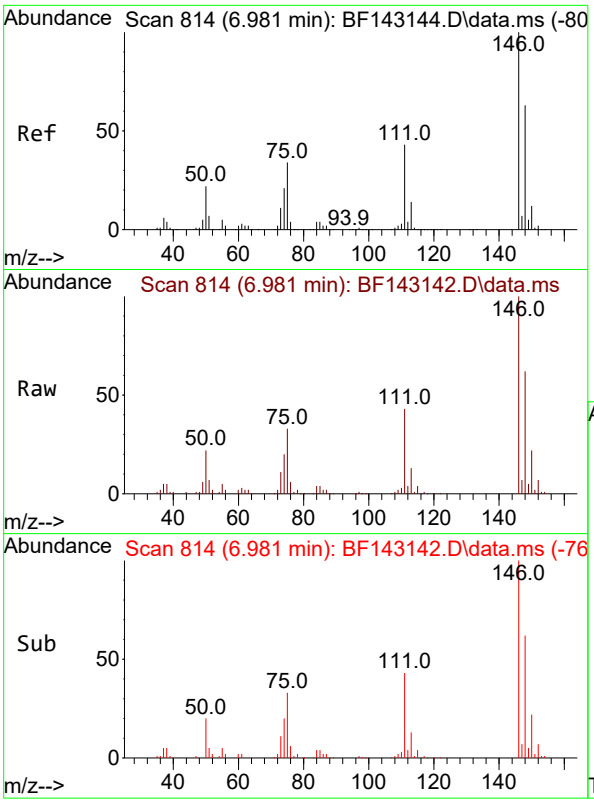



#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.6 | 50.6 | 76.0 |
| 75 | 32.1 | 27.4 | 41.2 |

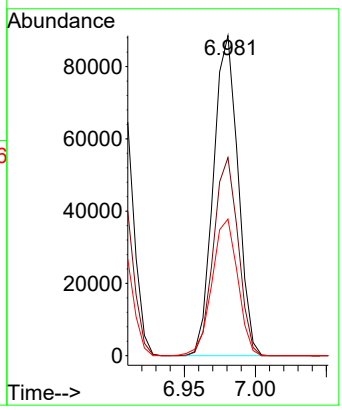





#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 10658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 50.3 | 75.5 |
| 111 | 42.7 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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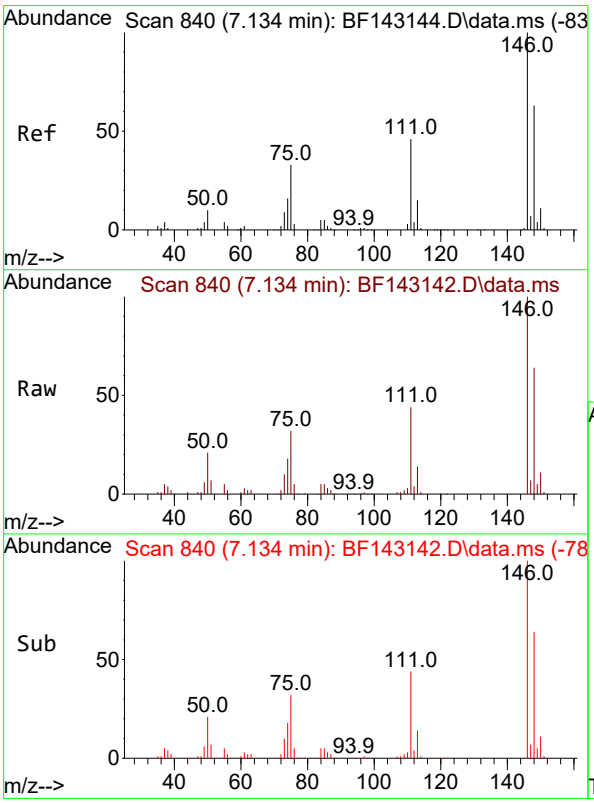
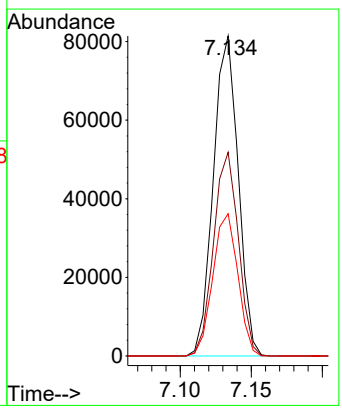
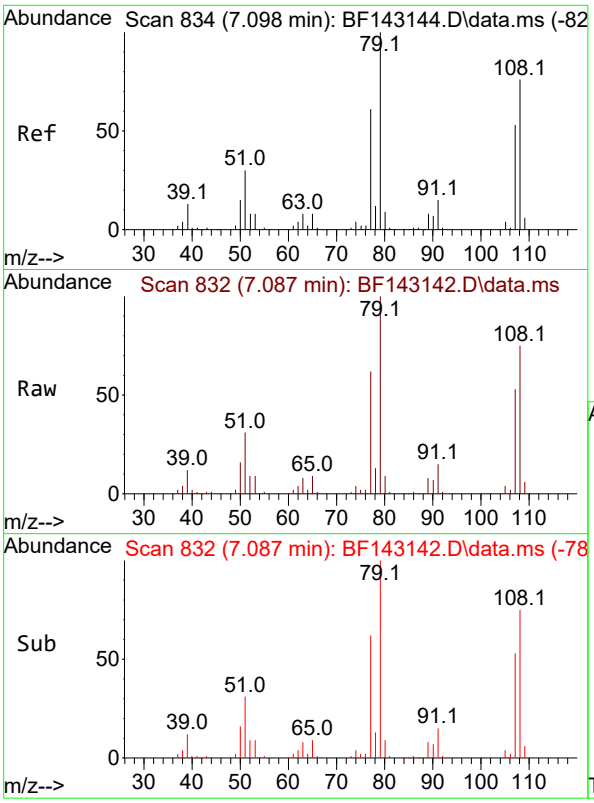



#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.7 | 76.1 |
| 111 | 44.5 | 36.6 | 54.8 |

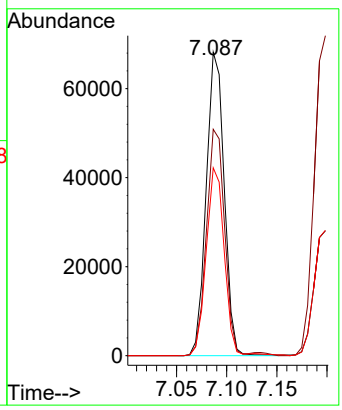





#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 79 Resp: 8524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.6 | 61.1 | 91.7 |
| 77 | 61.9 | 48.9 | 73.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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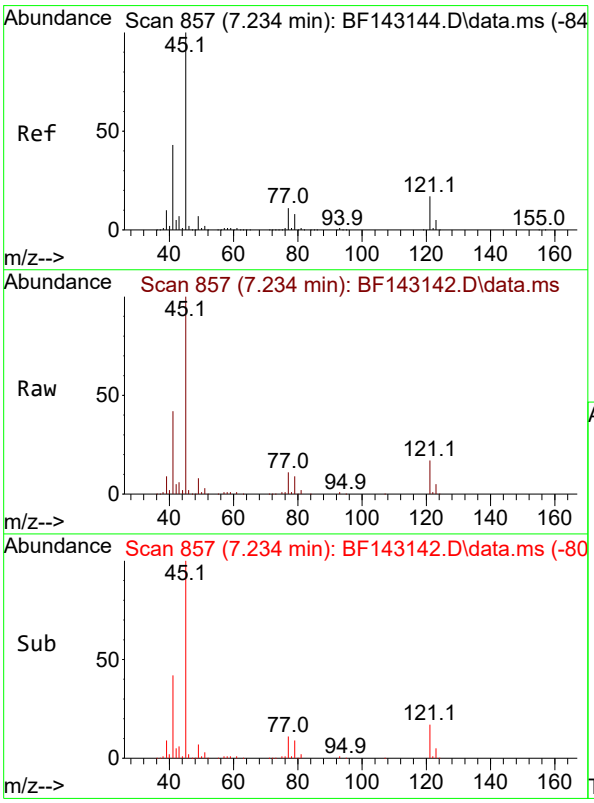
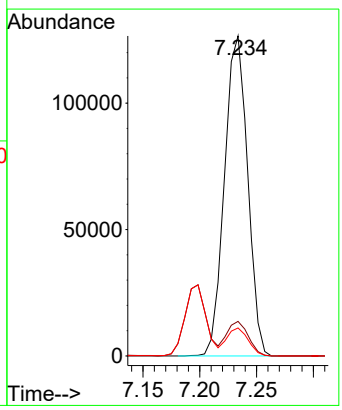
Supervised By :Jagrut Upadhyay 07/18/2025

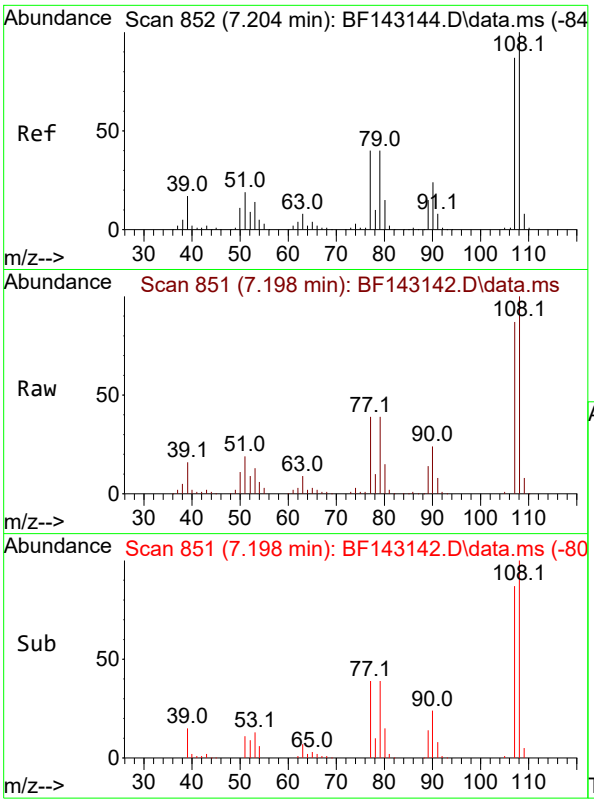



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.8 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |

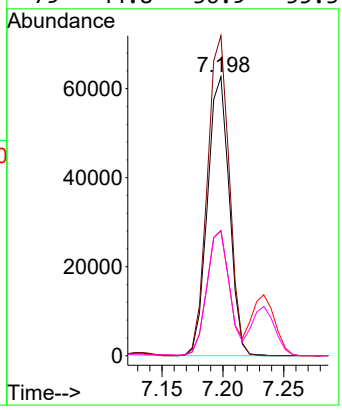





#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 7800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.8 | 91.8 | 137.6 |
| 77 | 45.0 | 37.0 | 55.6 |
| 79 | 44.8 | 36.9 | 55.3 |




**Instrument :**
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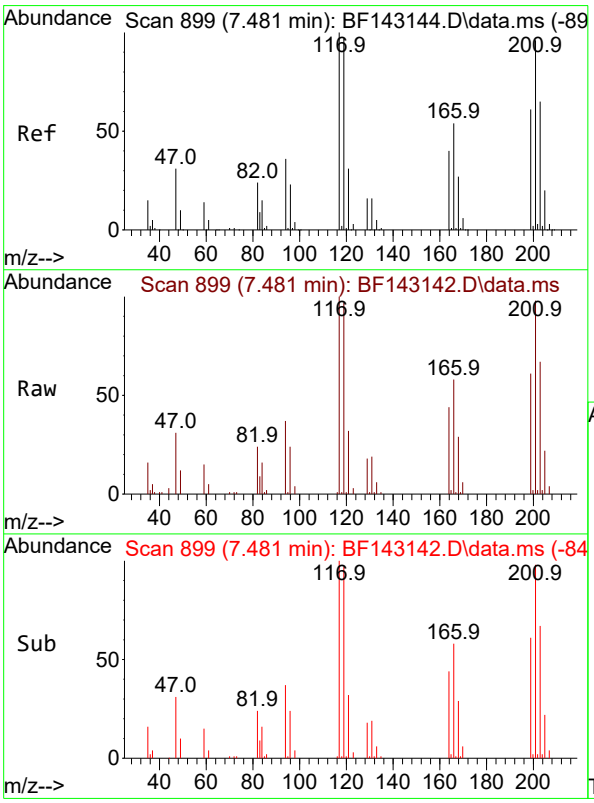
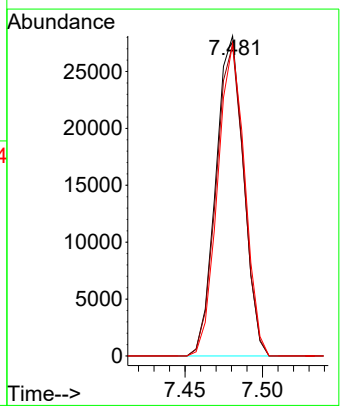
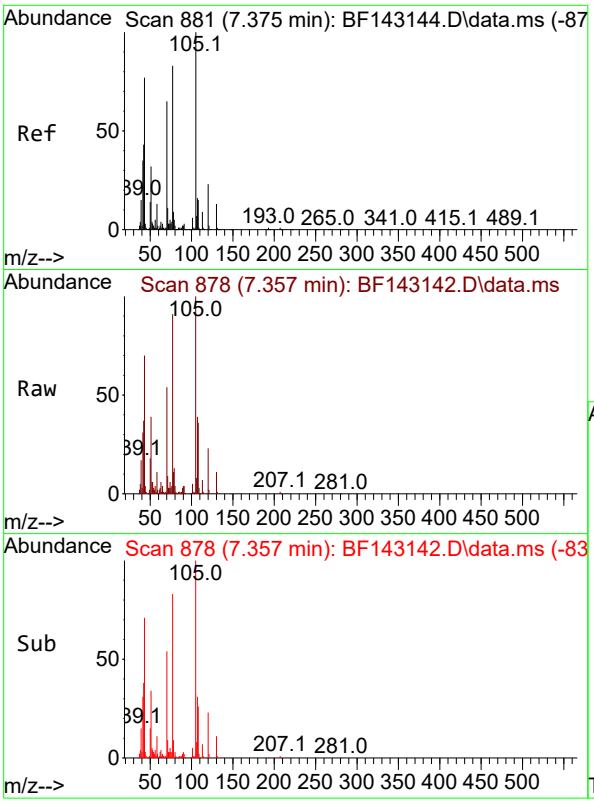



#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 77.8 | 116.8 |
| 201 | 97.7 | 77.0 | 115.4 |

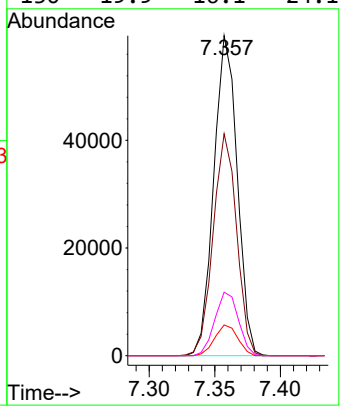





#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 70 Resp: 7381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.4 | 52.5 | 78.7 |
| 101 | 9.6 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |




**Instrument :**
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**ClientSampleId :**
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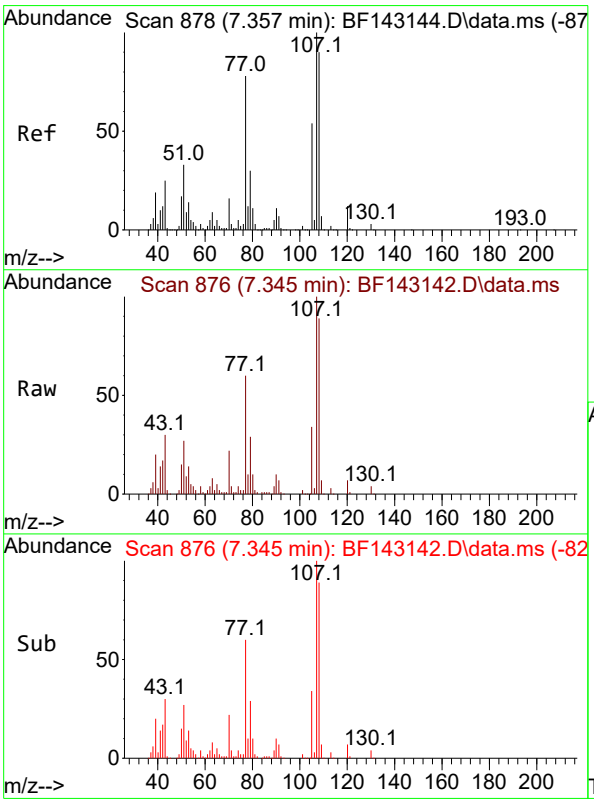
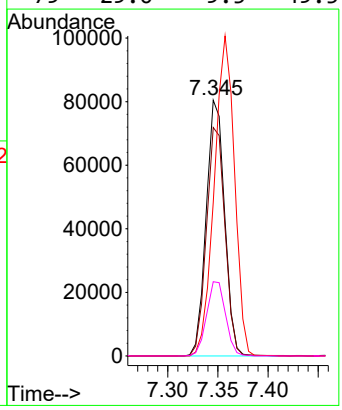
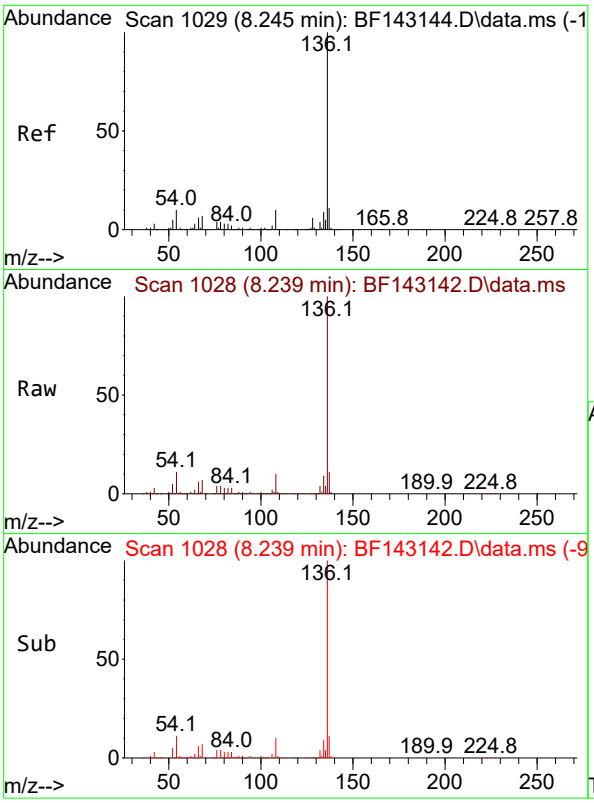



#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 70.0 | 110.0 |
| 77 | 60.0 | 57.8 | 97.8 |
| 79 | 29.0 | 9.5 | 49.5 |

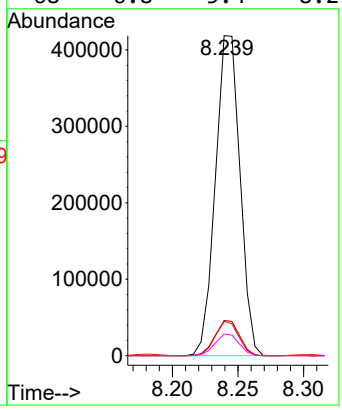





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:136 Resp: 54573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.7 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
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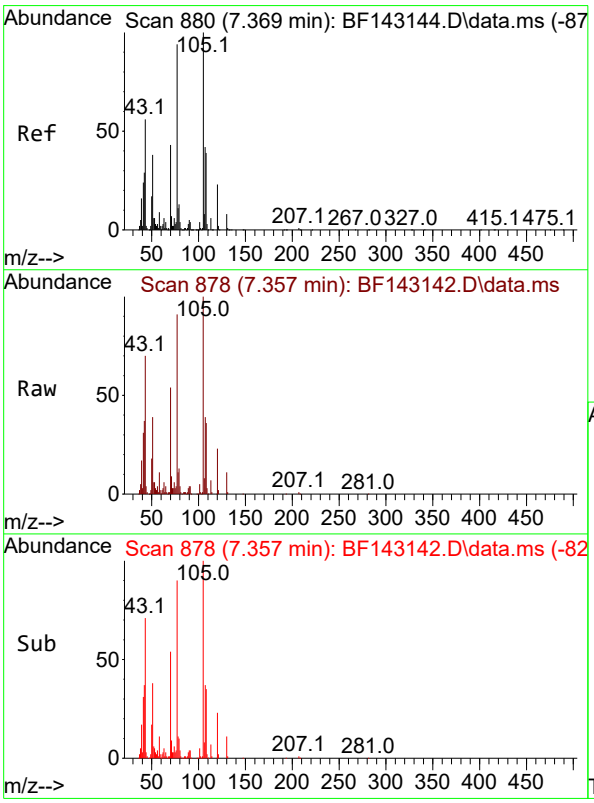
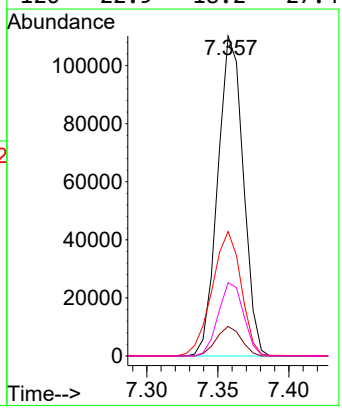
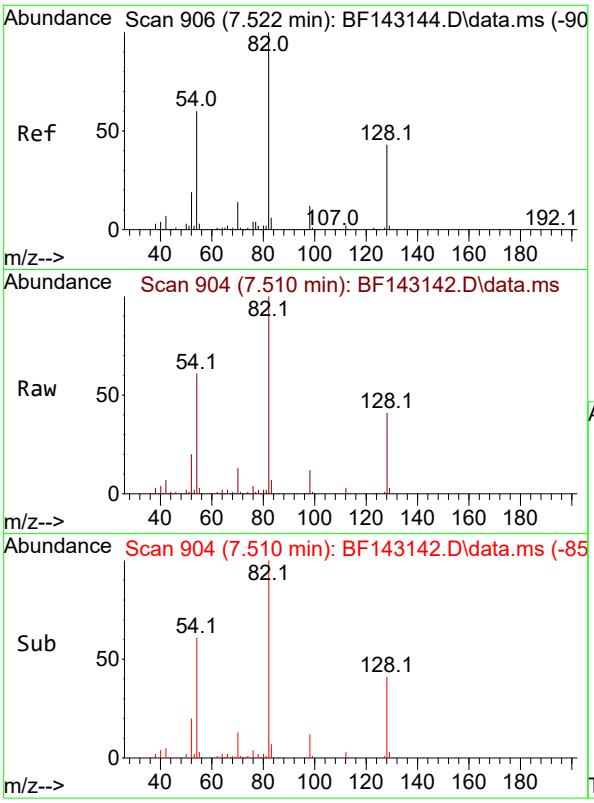



#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.3 | 5.8 | 8.6# |
| 51 | 38.9 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |

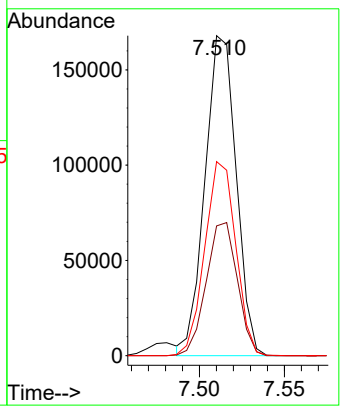





#23
Nitrobenzene-d5
Concen: 19.646 ng m
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 21508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.5 | 33.6 | 50.4 |
| 54 | 60.7 | 47.1 | 70.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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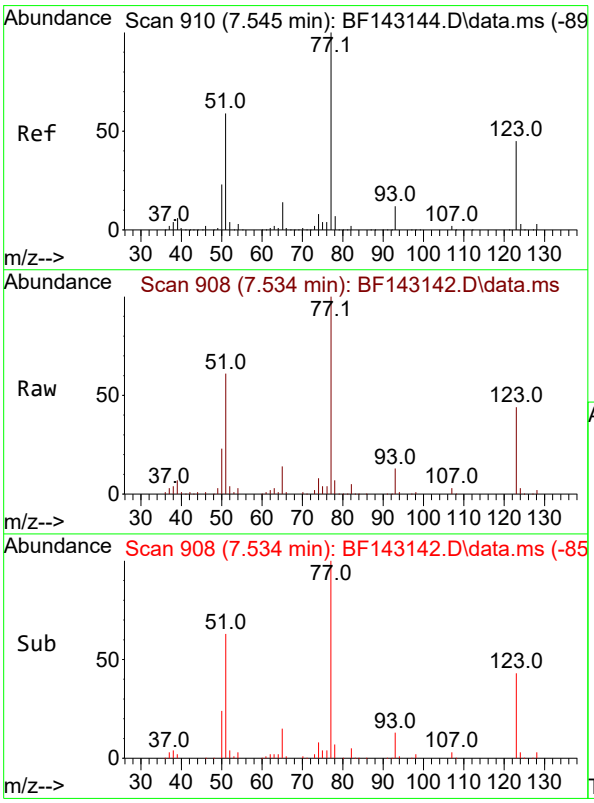
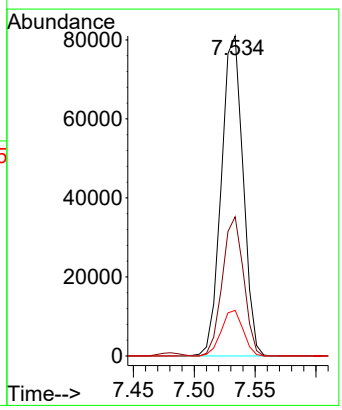
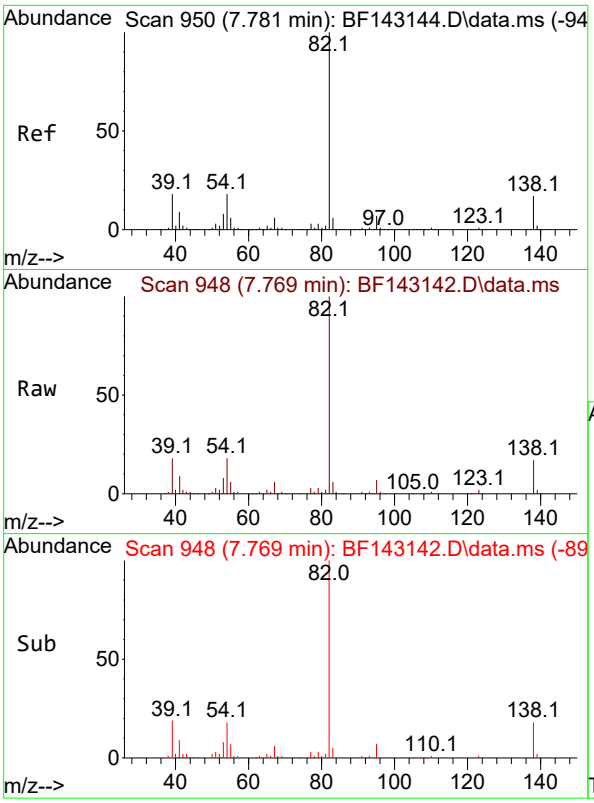



#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.2 | 11.4 | 17.2 |

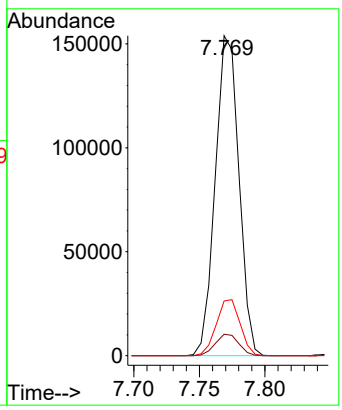





#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 82 Resp: 19289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.5 | 8.3 |
| 138 | 17.1 | 13.8 | 20.8 |




**Instrument :**
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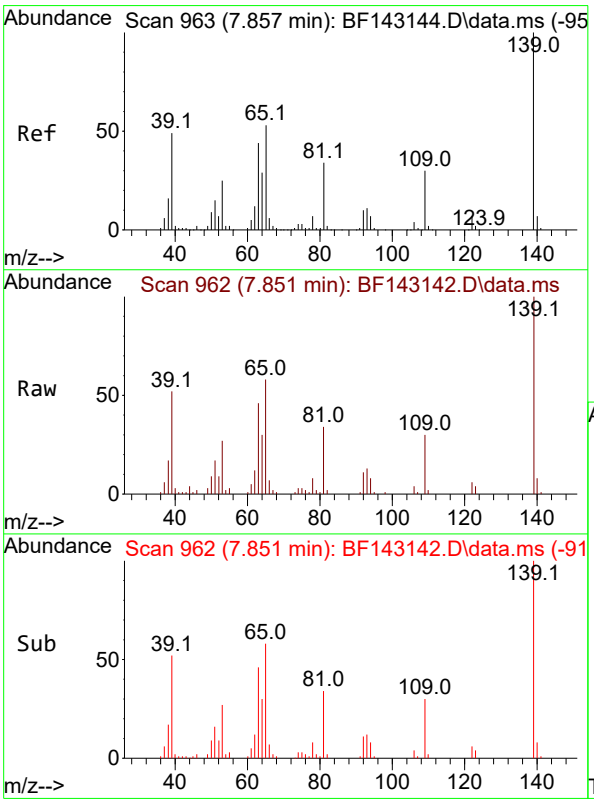
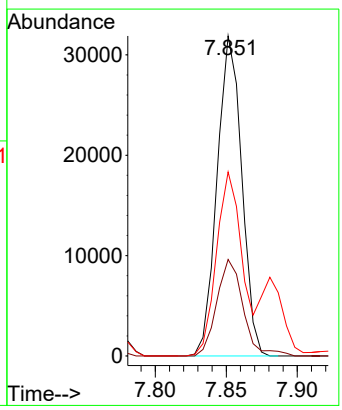
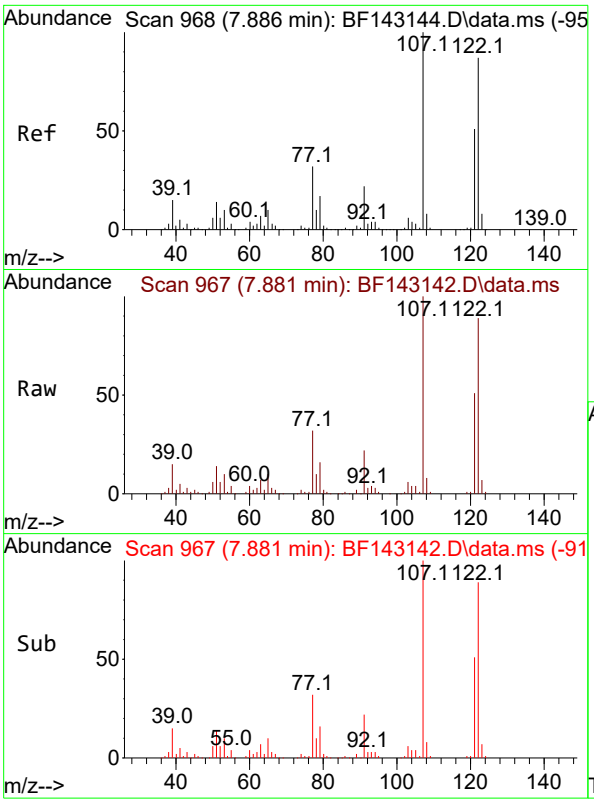



#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.2 | 23.6 | 35.4 |
| 65 | 57.5 | 42.6 | 64.0 |

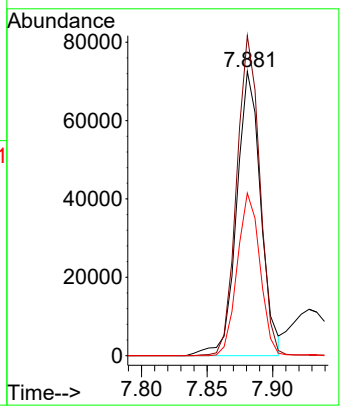





#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 9272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 91.8 | 137.6 |
| 121 | 57.2 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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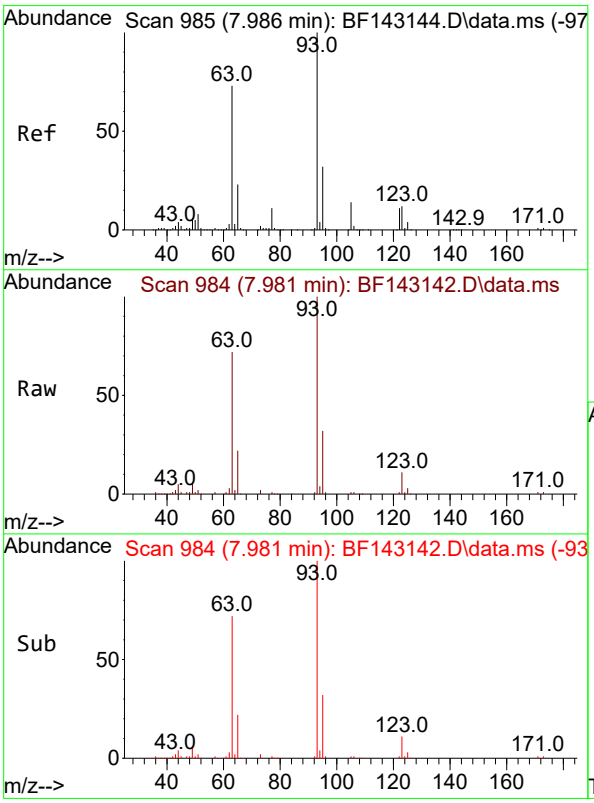
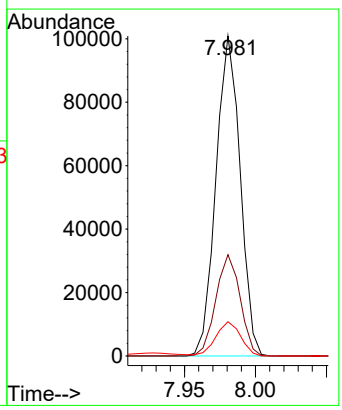
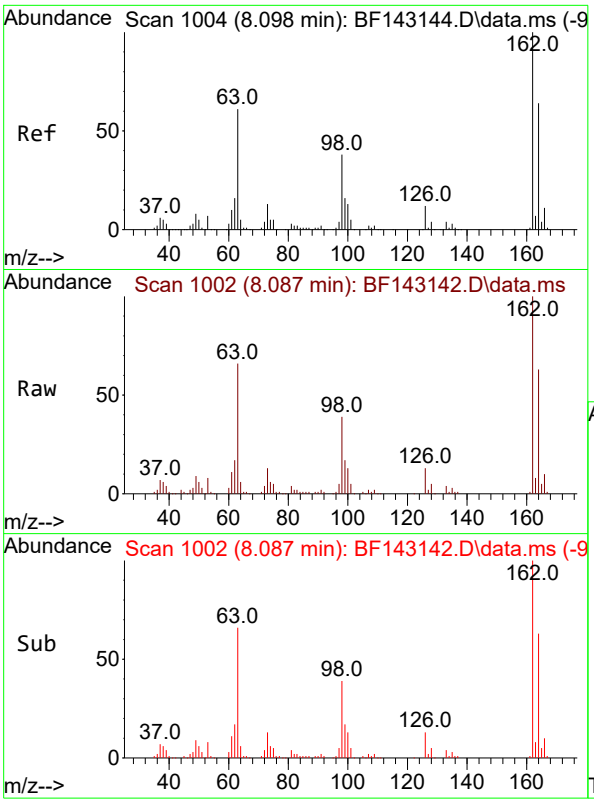



#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.8 | 38.6 |
| 123 | 10.7 | 9.7 | 14.5 |

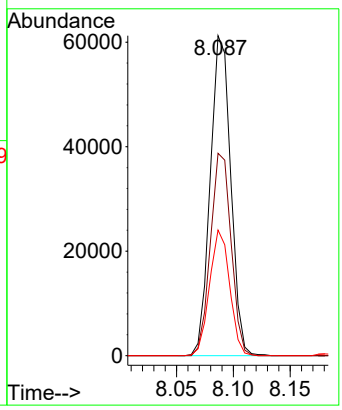





#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 7684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.3 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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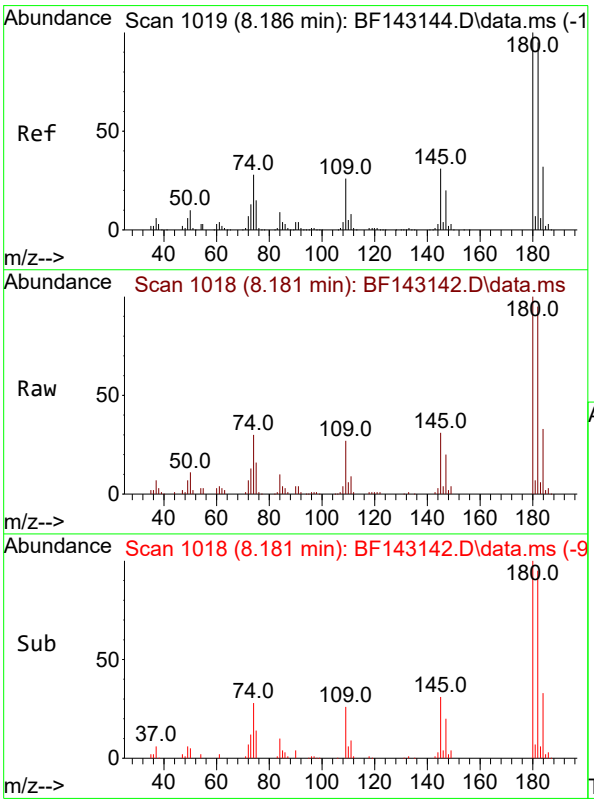
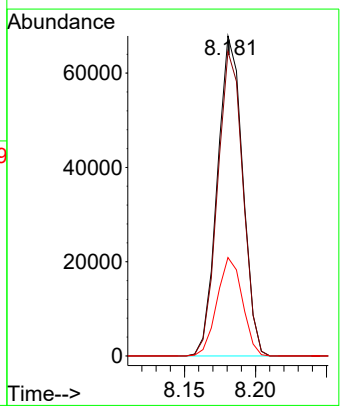
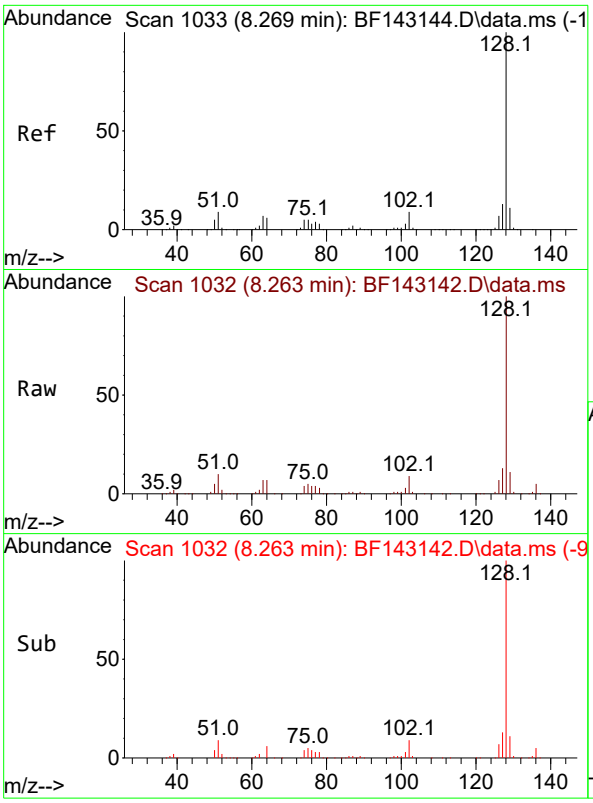



#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.2 | 114.2 |
| 145 | 30.7 | 25.0 | 37.6 |

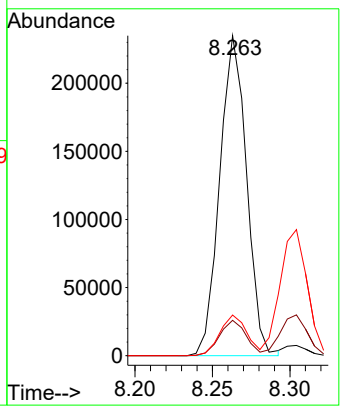





#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 28310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.7 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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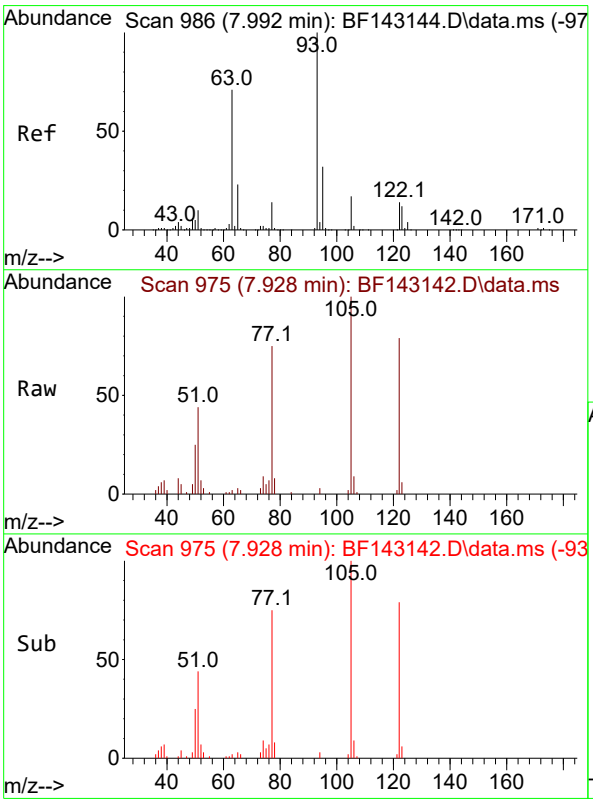
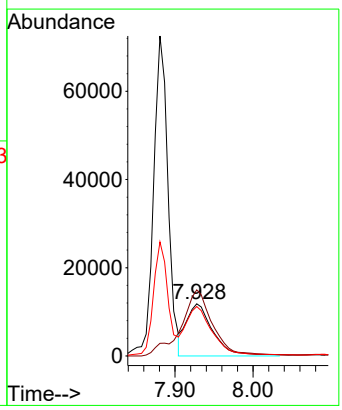
Supervised By :Jagrut Upadhyay 07/18/2025

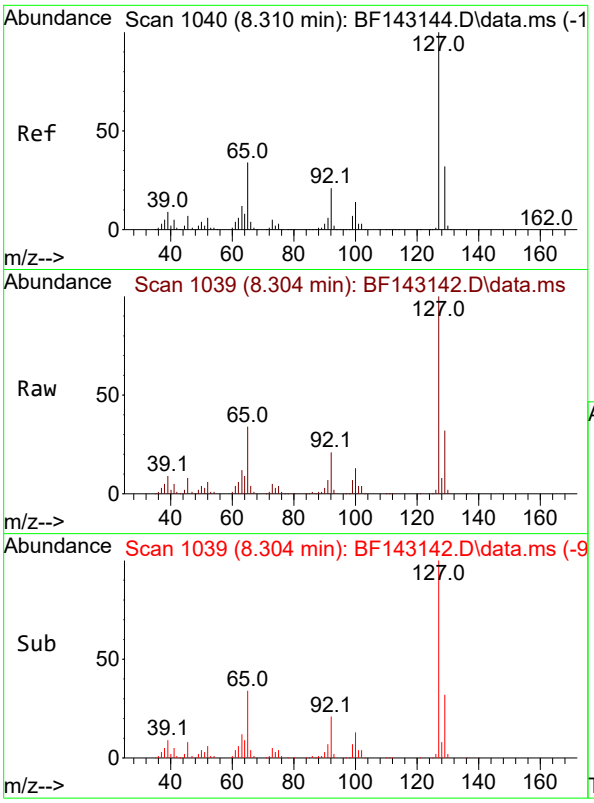



#32
Benzoic acid
Concen: 10.113 ng m
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 28431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.6 | 104.8 | 144.8 |
| 77 | 94.6 | 77.6 | 117.6 |

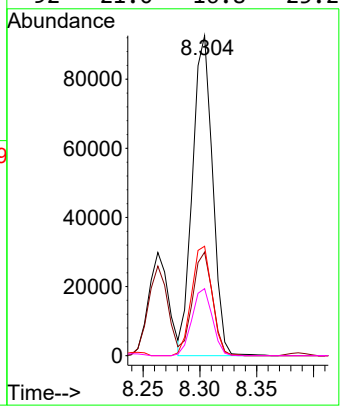





#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:127 Resp: 11379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 26.0 | 39.0 |
| 65 | 34.2 | 27.4 | 41.2 |
| 92 | 21.0 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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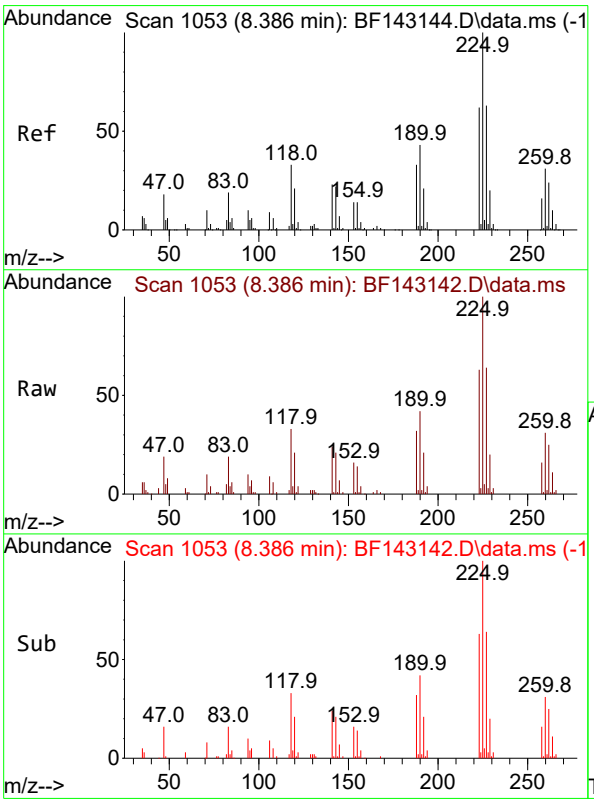
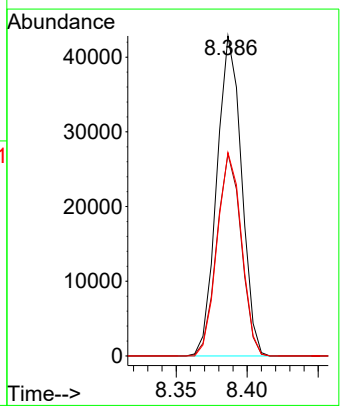
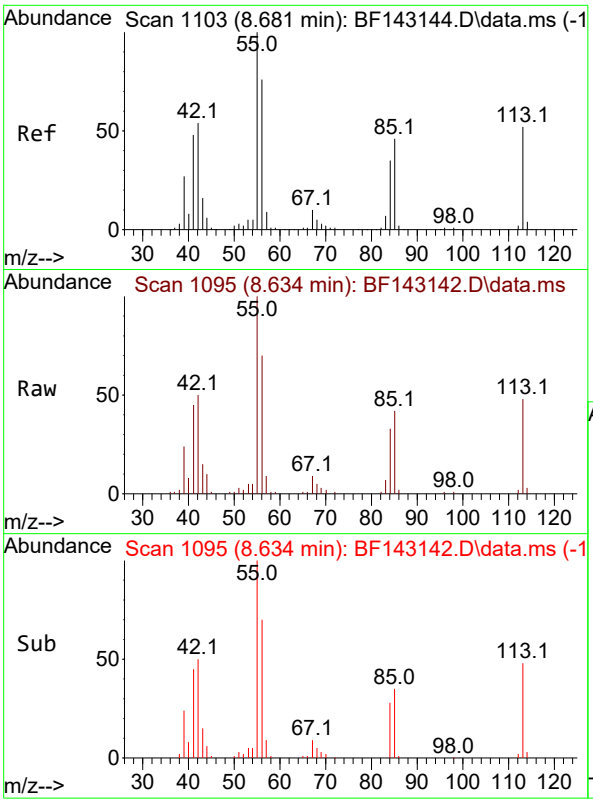



#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.8 | 74.6 |
| 227 | 63.5 | 50.2 | 75.4 |

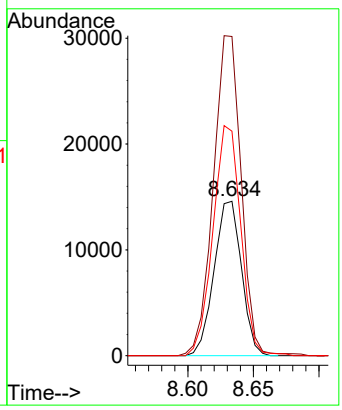





#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:113 Resp: 2115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 206.8 | 174.0 | 214.0 |
| 56 | 145.4 | 126.6 | 166.6 |

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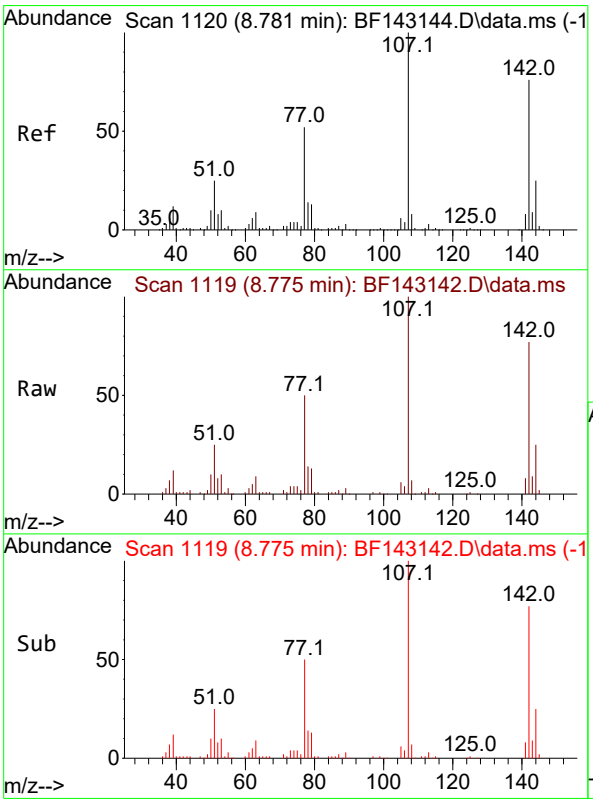
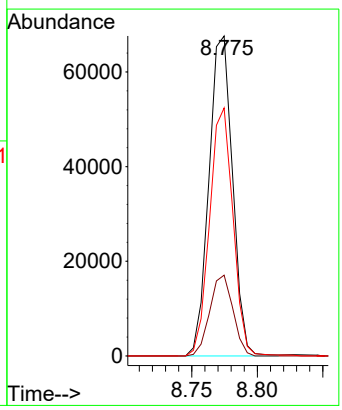
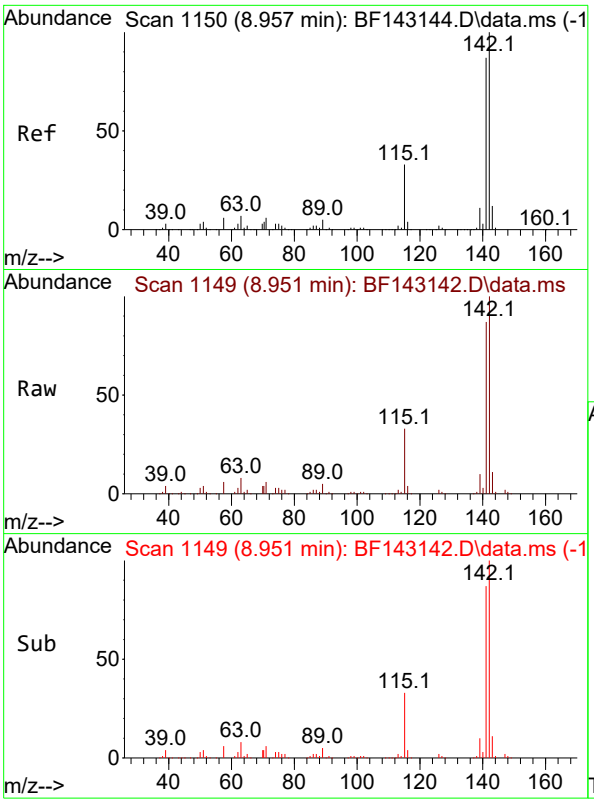



#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.3 | 19.8 | 29.6 |
| 142 | 77.5 | 60.6 | 90.8 |

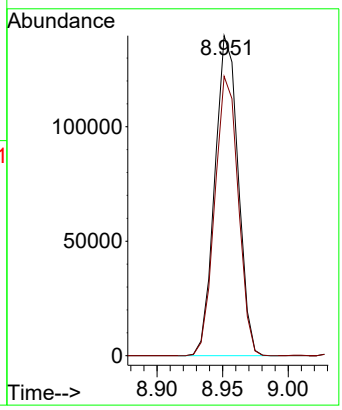





#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 17286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.3 | 69.9 | 104.9 |




**Instrument :**
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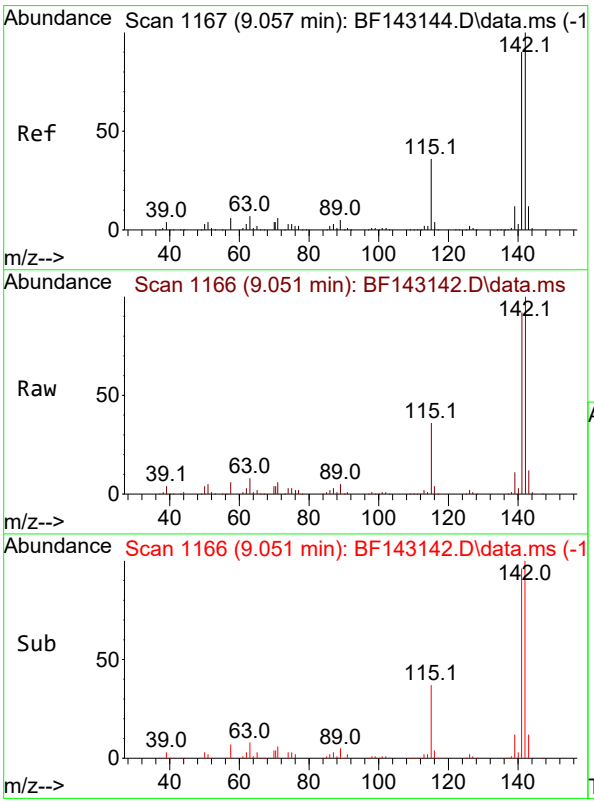
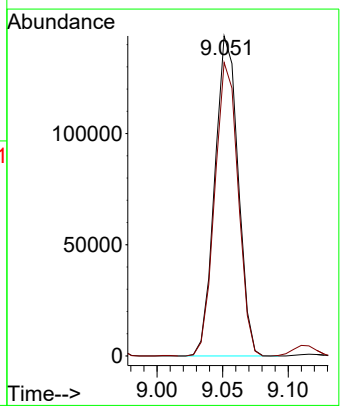
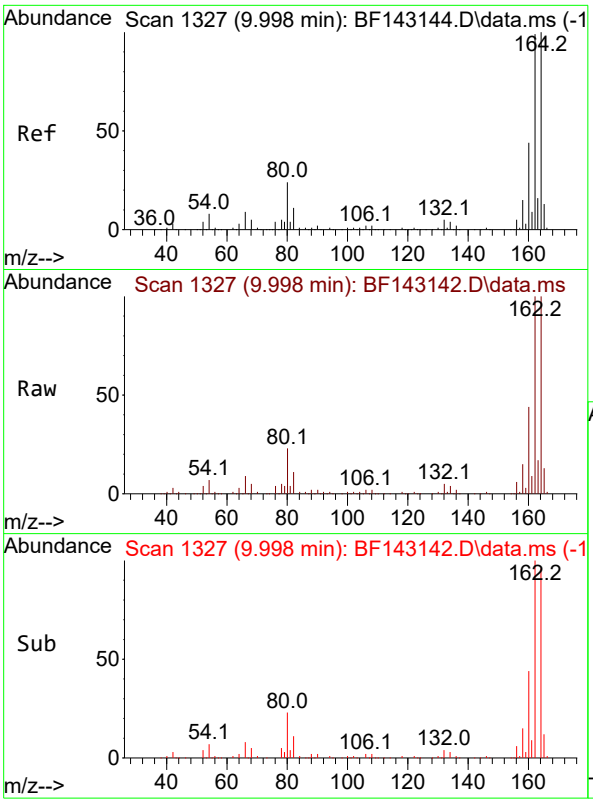



#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.7 | 72.3 | 108.5 |

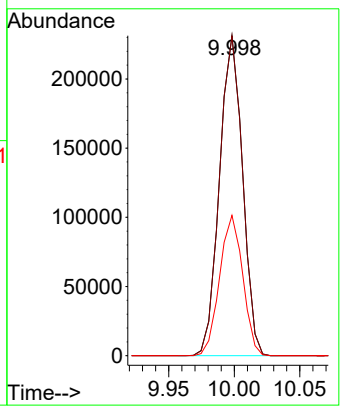





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:164 Resp: 28258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.8 | 79.0 | 118.6 |
| 160 | 43.9 | 35.1 | 52.7 |




**Instrument :**
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**ClientSampleId :**
SSTDICC010

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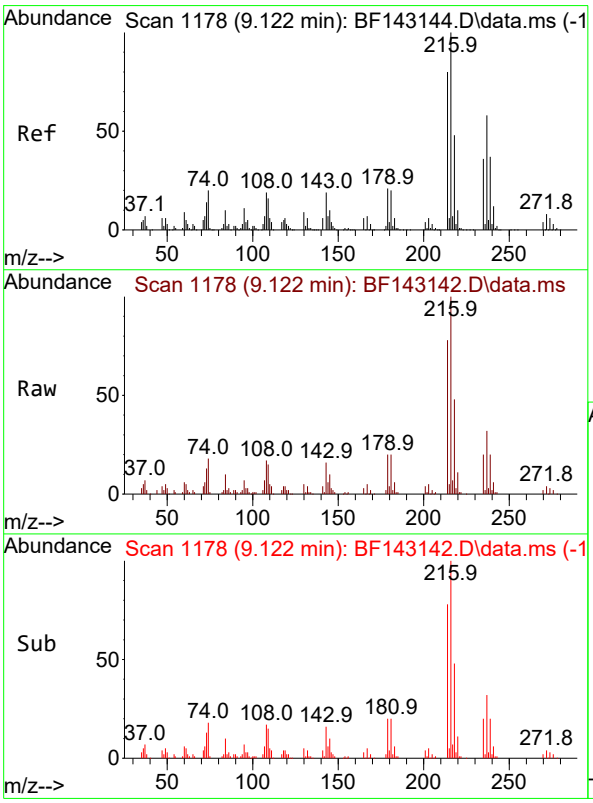
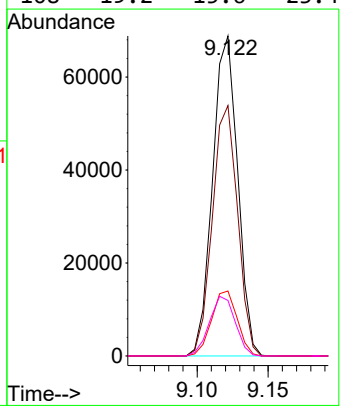
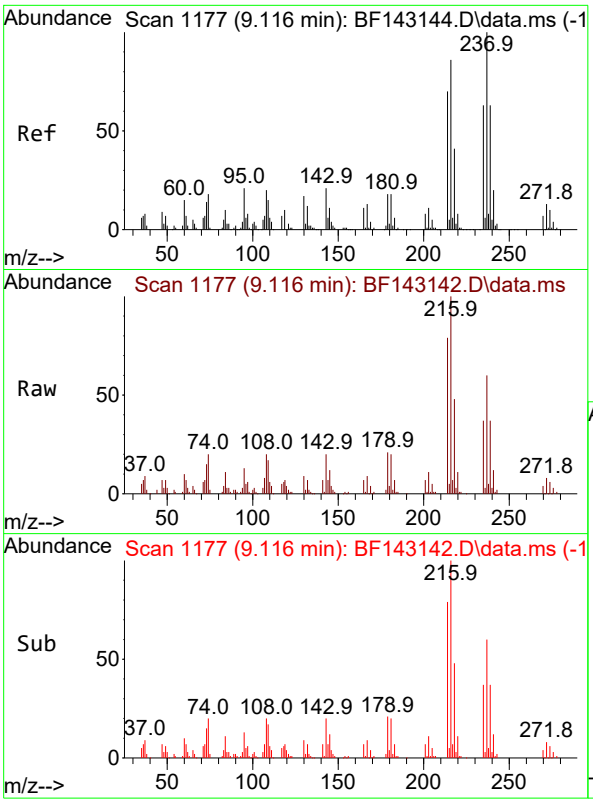



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.8 | 95.8 |
| 179 | 20.8 | 16.4 | 24.6 |
| 108 | 19.2 | 15.6 | 23.4 |






#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:237 Resp: 4757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.0 | 43.0 | 83.0 |
| 272 | 13.3 | 0.0 | 33.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
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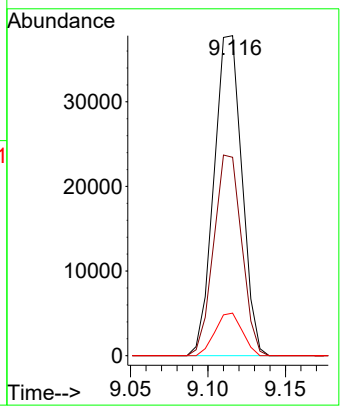
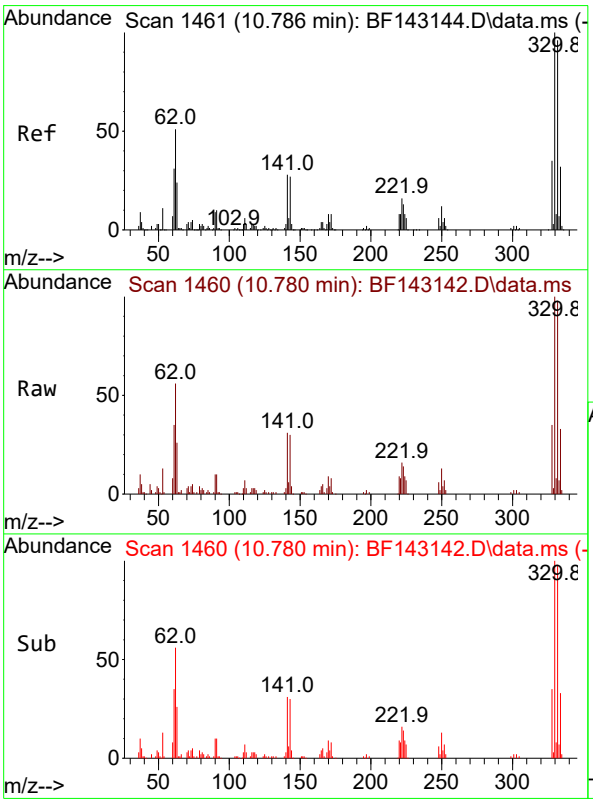
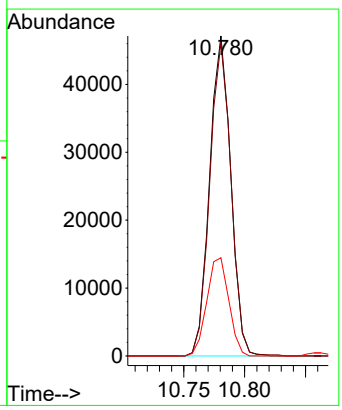


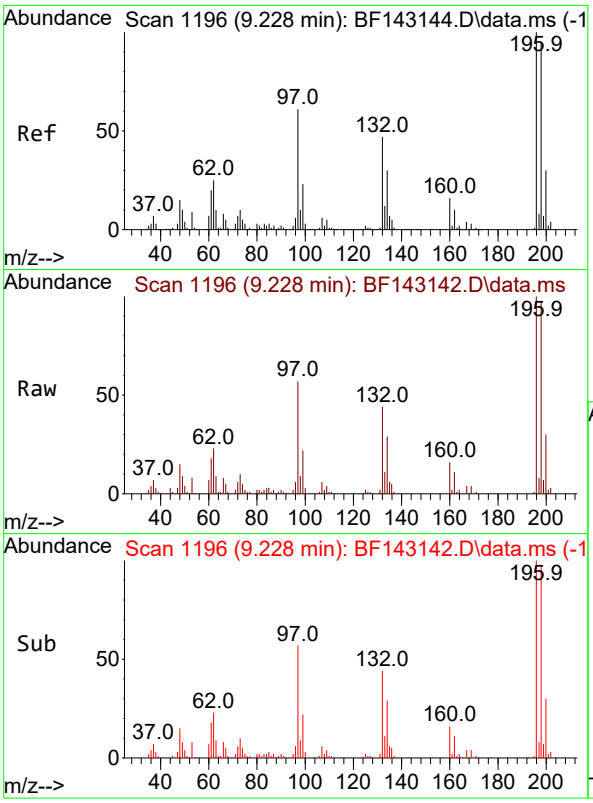




#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 76.7 | 115.1 |
| 141 | 32.0 | 23.3 | 34.9 |

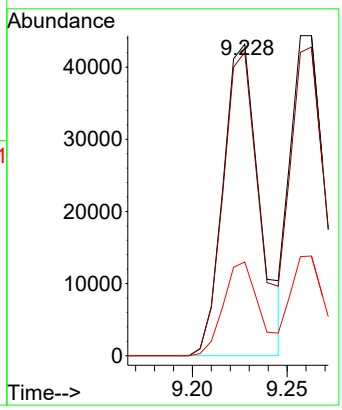





#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 5739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.4 | 76.2 | 114.2 |
| 200 | 30.1 | 23.9 | 35.9 |




**Instrument :**
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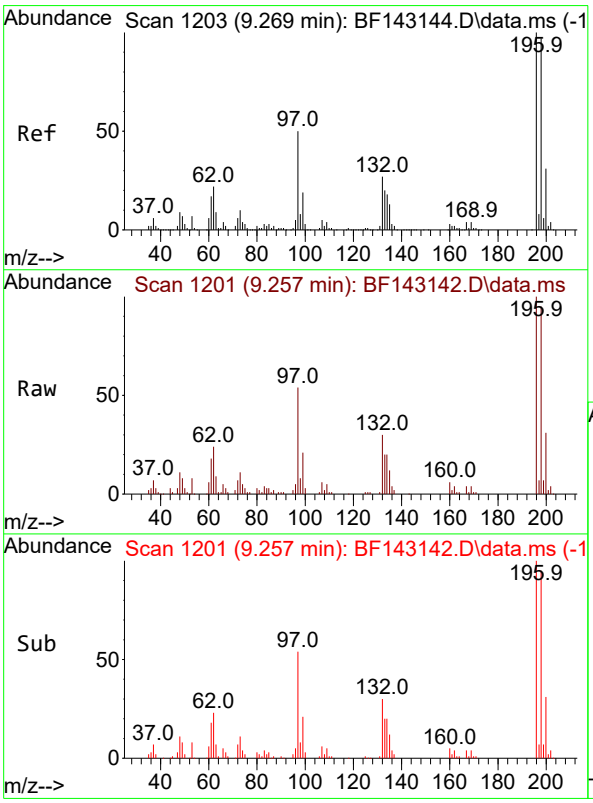
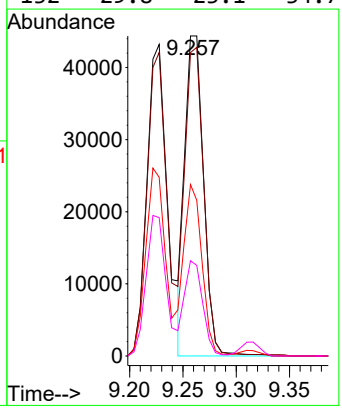
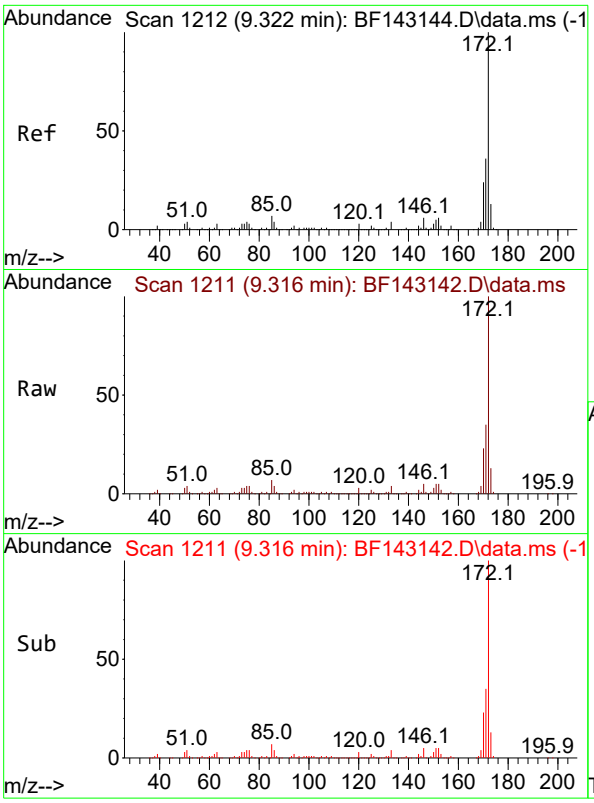



#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 77.3 | 115.9 |
| 97 | 53.5 | 40.3 | 60.5 |
| 132 | 29.8 | 23.1 | 34.7 |

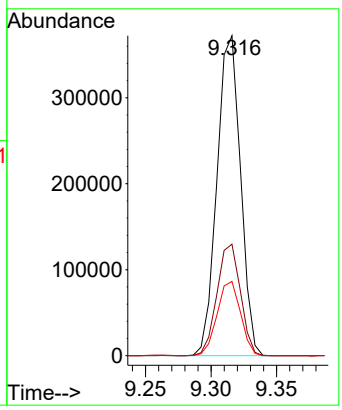





#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:172 Resp: 46466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.6 | 42.8 |
| 170 | 23.2 | 18.8 | 28.2 |




**Instrument :**
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SSTDICC010

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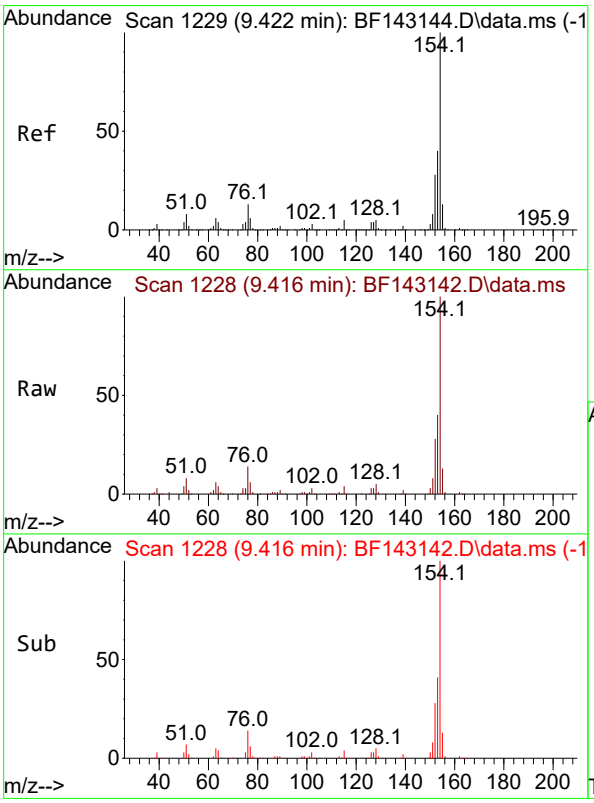
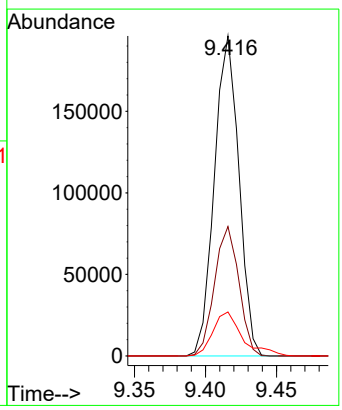
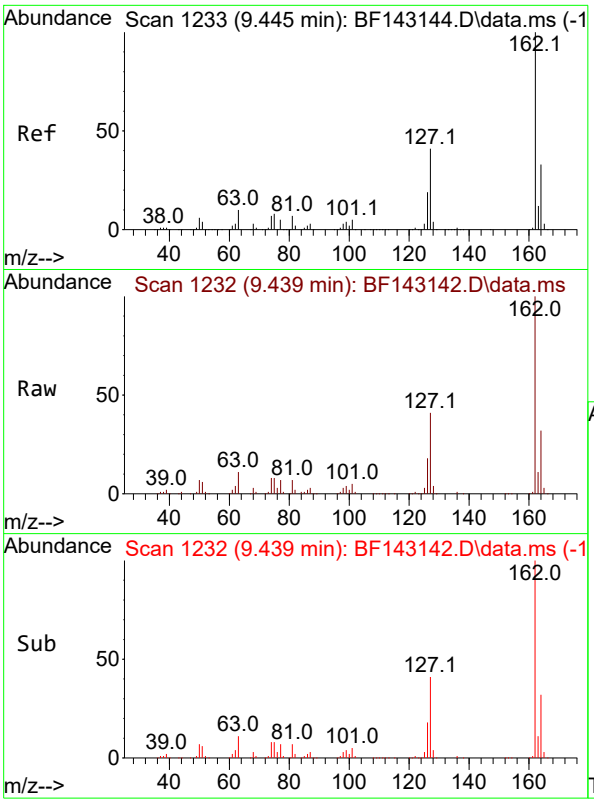



#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |

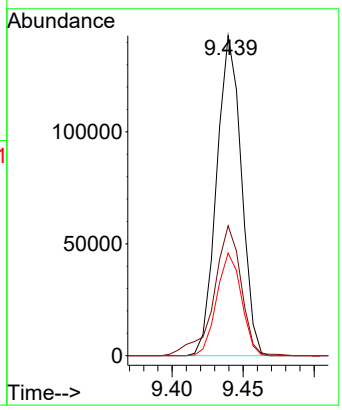





#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:162 Resp: 17283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.6 | 33.4 | 50.2 |
| 164 | 32.0 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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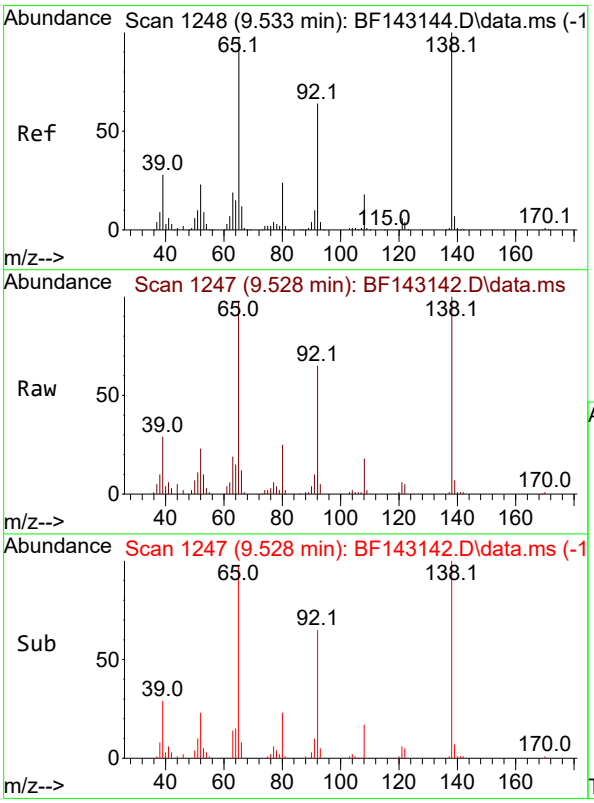
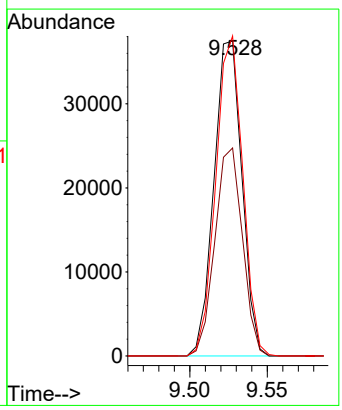
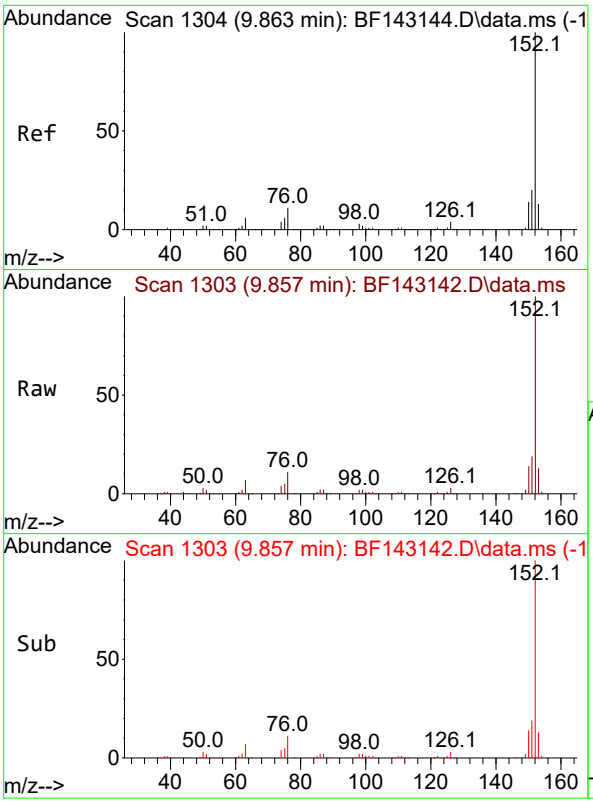



#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.0 | 52.4 | 78.6 |
| 138 | 101.6 | 82.3 | 123.5 |

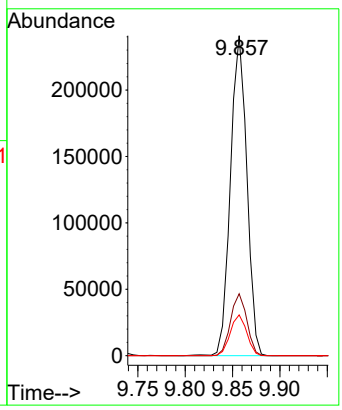





#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:152 Resp: 28998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.2 | 24.2 |
| 153 | 12.8 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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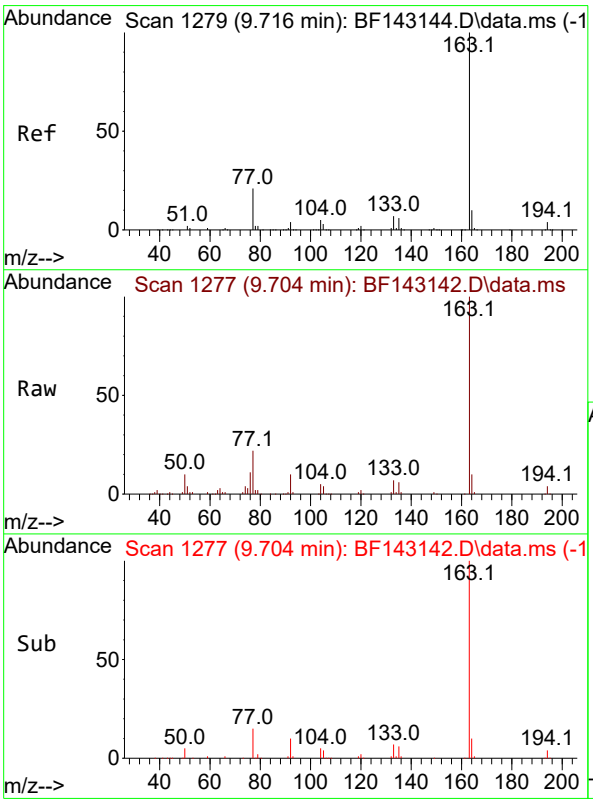
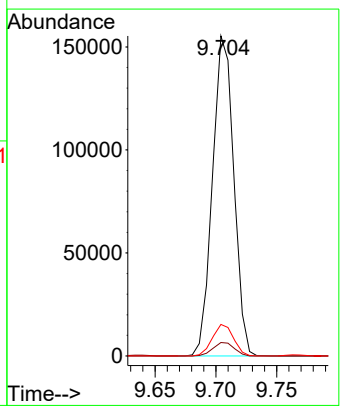
Supervised By :Jagrut Upadhyay 07/18/2025

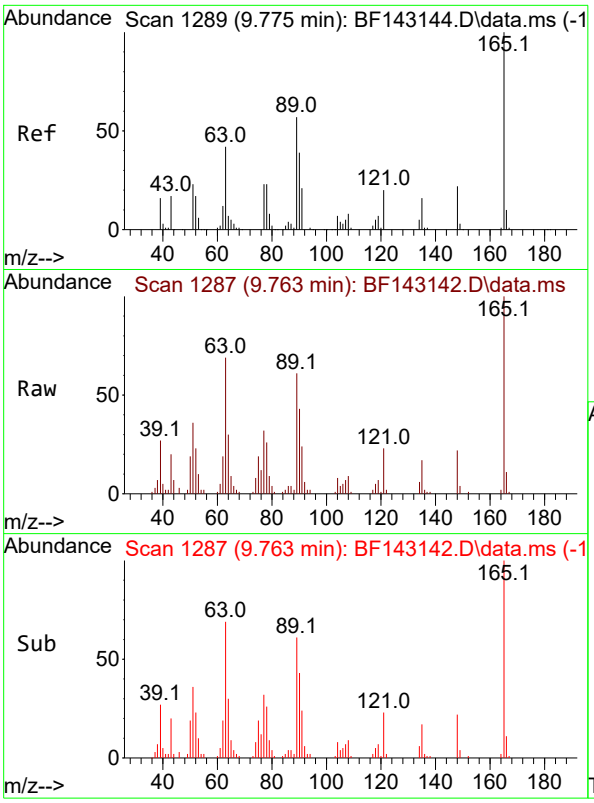



#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 9.9 | 8.3 | 12.5 |






#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 3536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.8 | 49.4 | 74.2 |
| 89 | 60.6 | 46.2 | 69.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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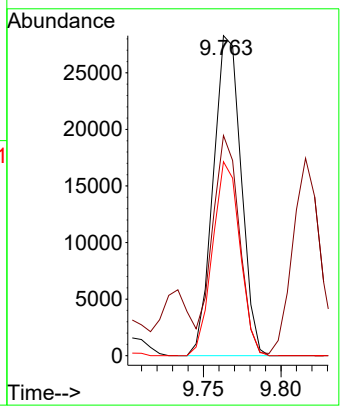
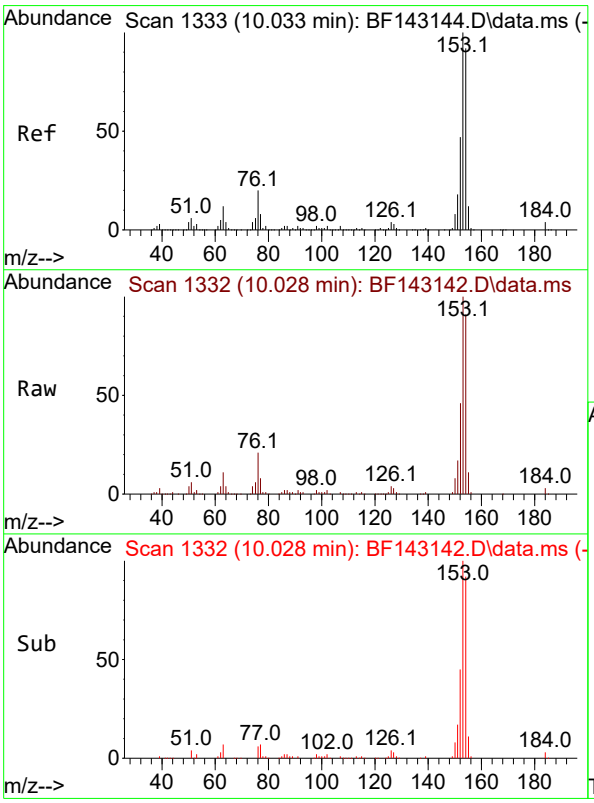
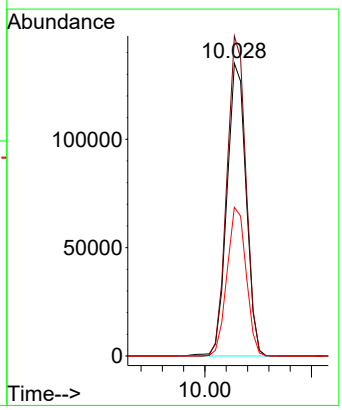


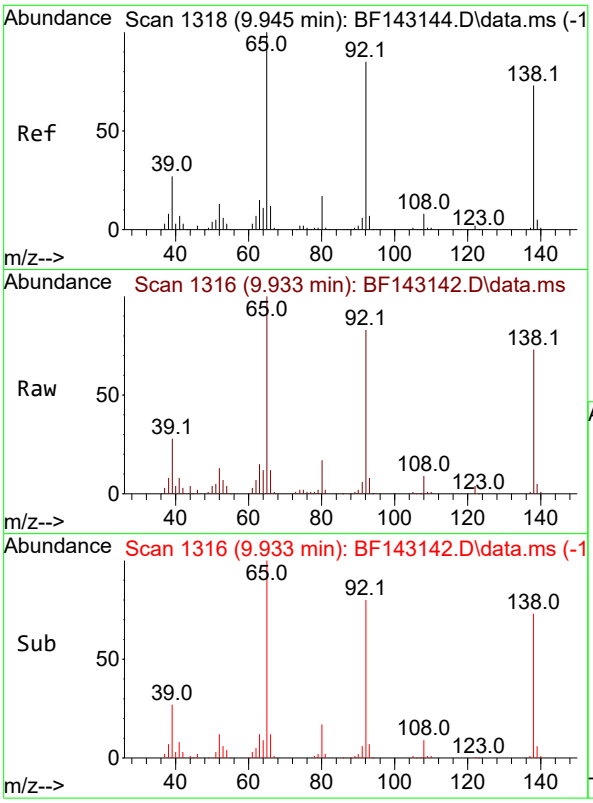




#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.3 | 86.6 | 129.8 |
| 152 | 50.8 | 40.4 | 60.6 |

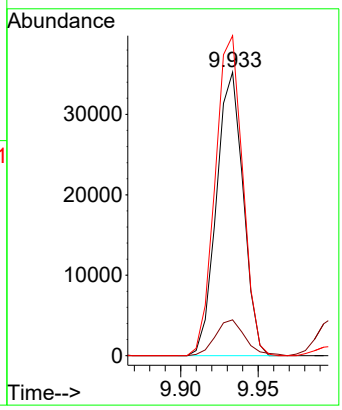





#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 4236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.7 | 9.0 | 13.6 |
| 92 | 112.9 | 93.0 | 139.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
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**Manual Integrations**
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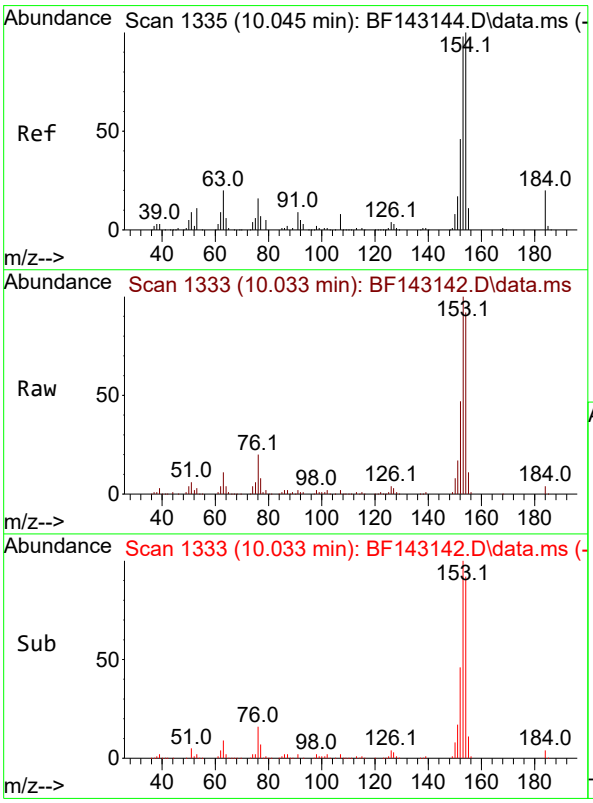
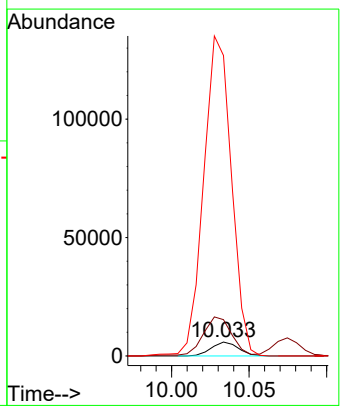
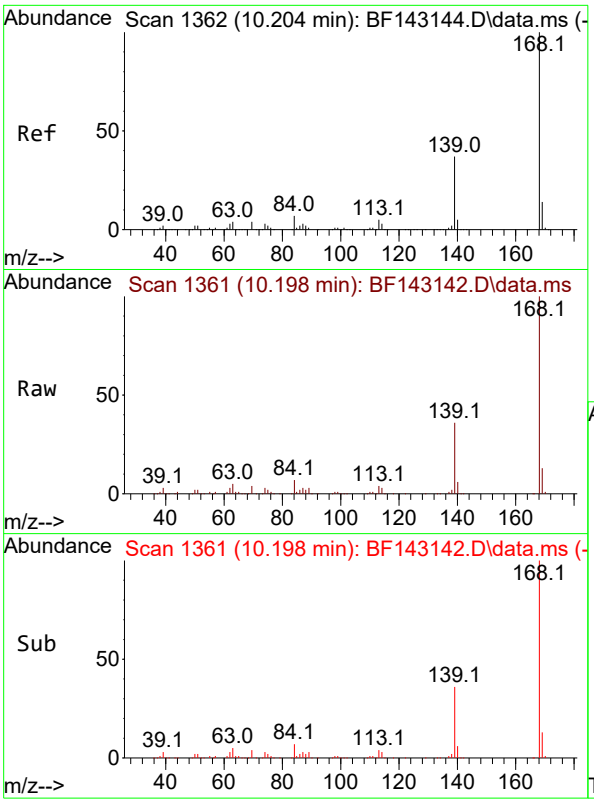



#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 261.5 | 81.8 | 122.6# |
| 154 | 2164.9 | 412.2 | 618.4# |

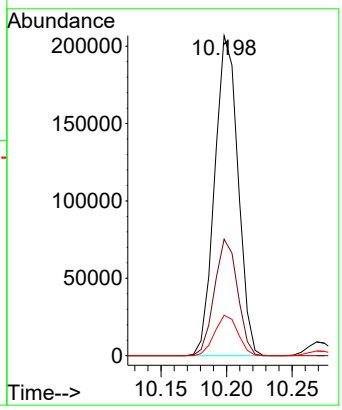





#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:168 Resp: 25527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 29.5 | 44.3 |
| 169 | 12.7 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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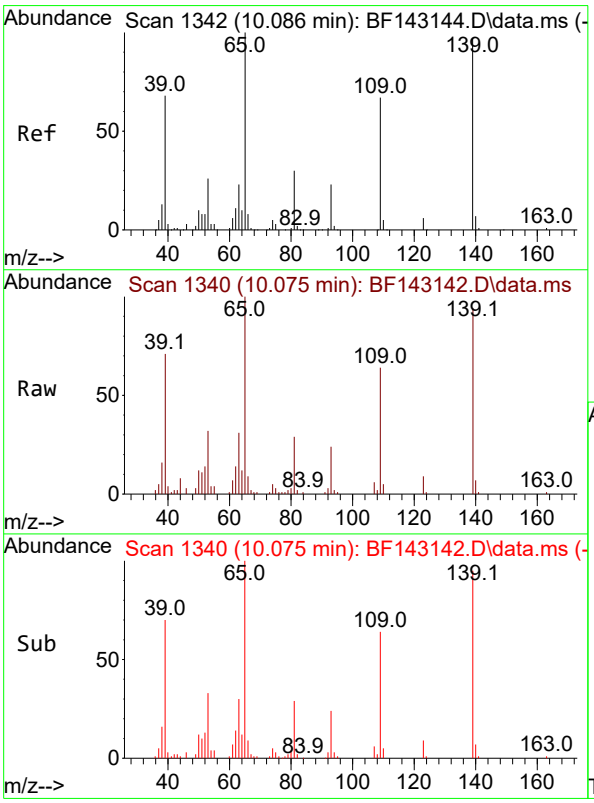
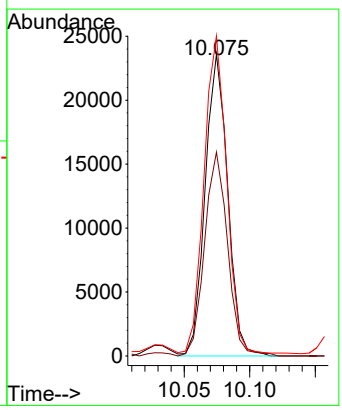
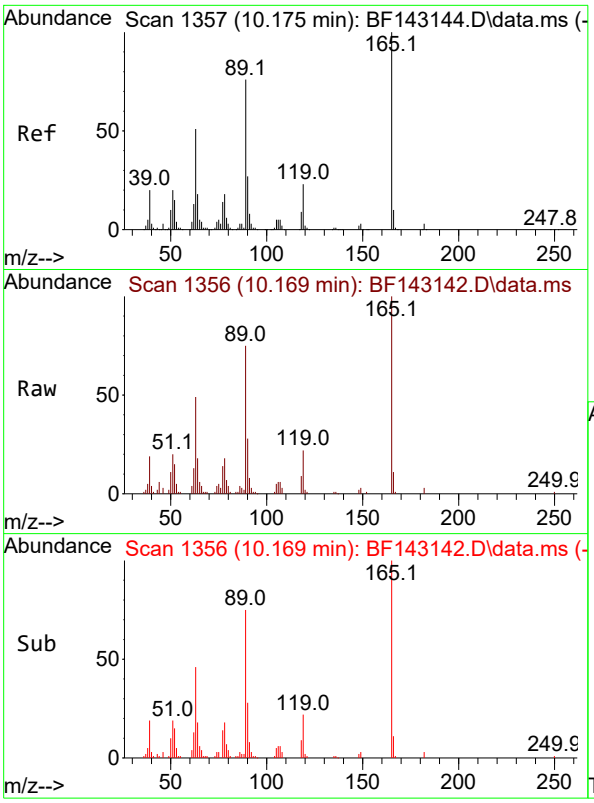



#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.5 | 48.5 | 88.5 |
| 65 | 106.0 | 83.4 | 123.4 |

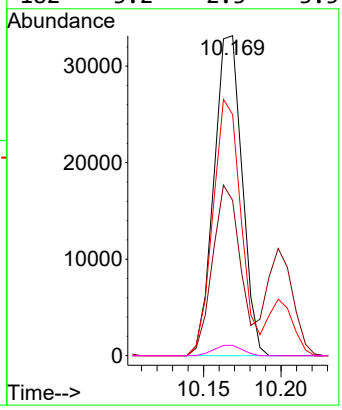





#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:165 Resp: 4181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.5 | 41.0 | 61.4 |
| 89 | 75.4 | 61.1 | 91.7 |
| 182 | 3.2 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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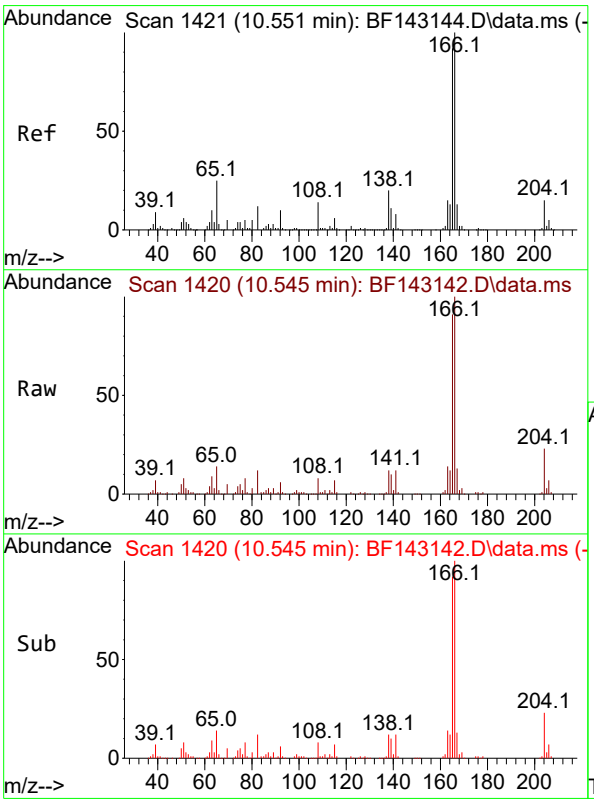
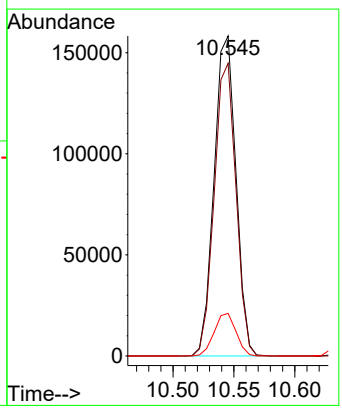
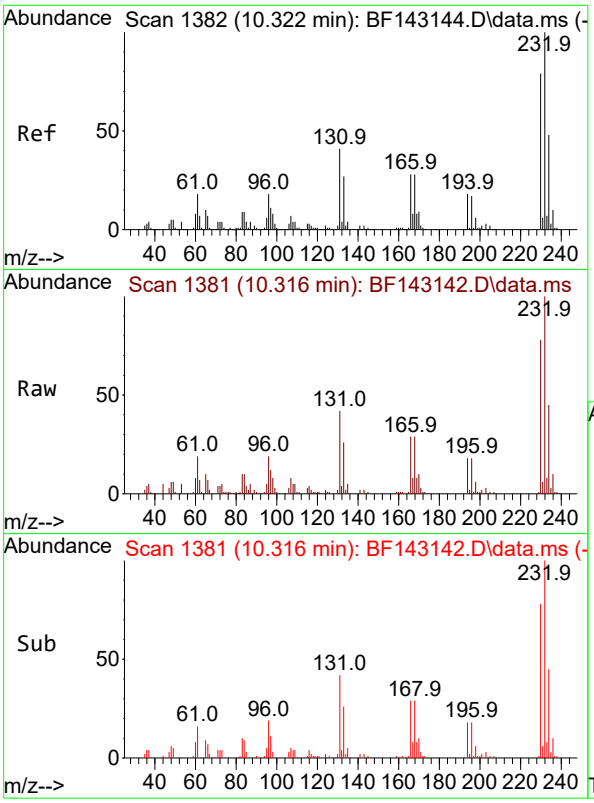



#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.4 | 73.7 | 110.5 |
| 167 | 13.3 | 10.6 | 16.0 |

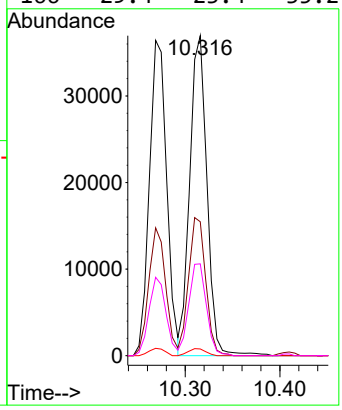





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:232 Resp: 4672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 35.3 | 52.9 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 29.4 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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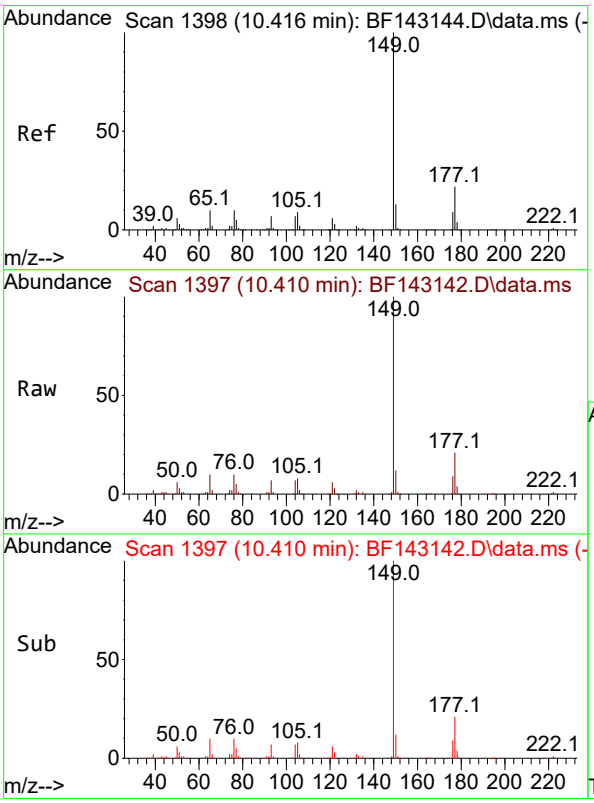
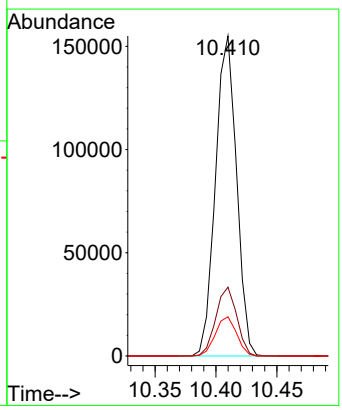
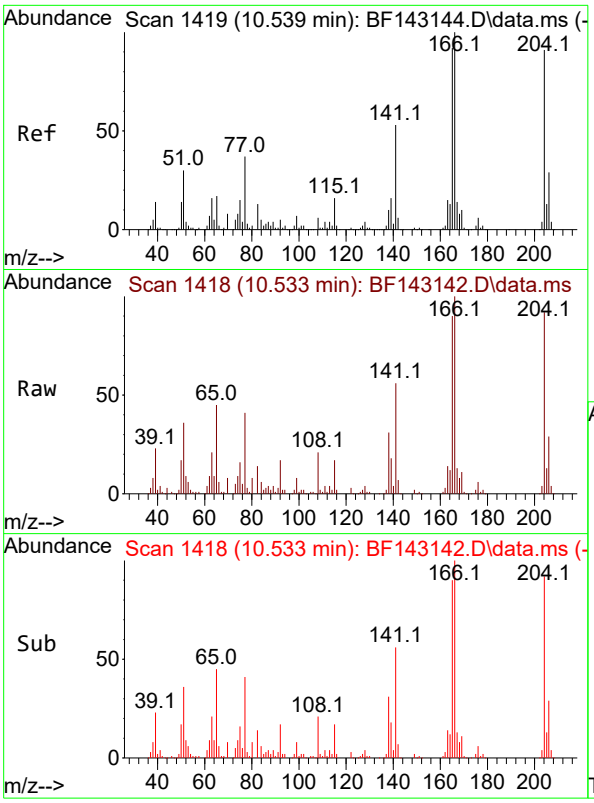



#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 17.5 | 26.3 |
| 150 | 12.3 | 10.2 | 15.2 |

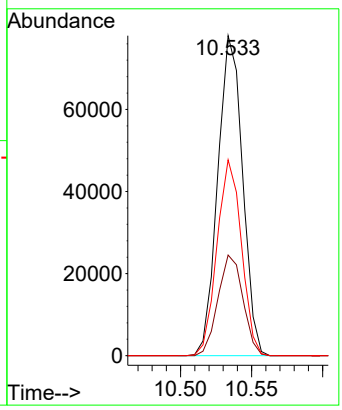





#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:204 Resp: 9468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.4 | 25.8 | 38.8 |
| 141 | 61.2 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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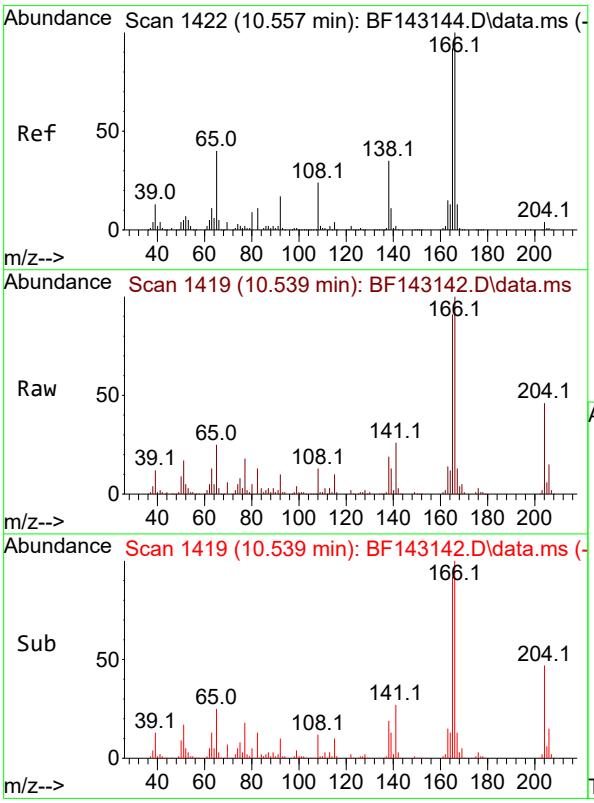
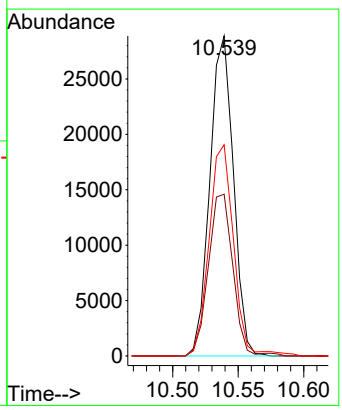
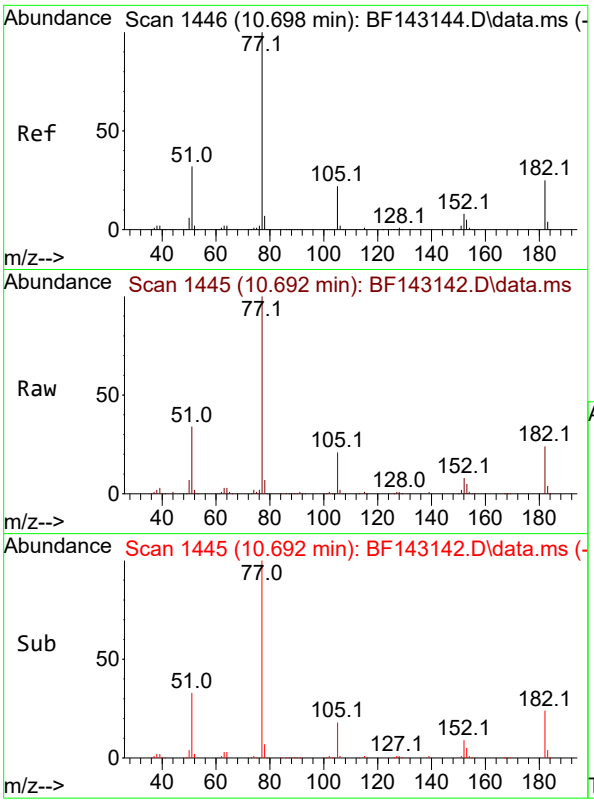



#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.5 | 29.3 | 69.3 |
| 108 | 66.0 | 48.3 | 88.3 |

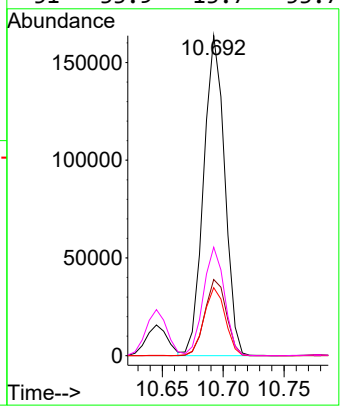





#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 19799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.8 | 4.6 | 44.6 |
| 105 | 21.2 | 1.4 | 41.4 |
| 51 | 33.9 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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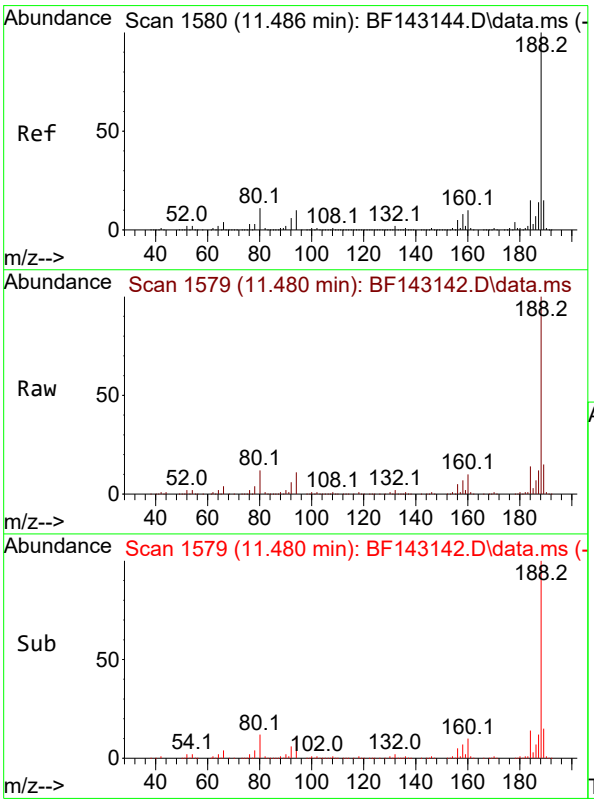
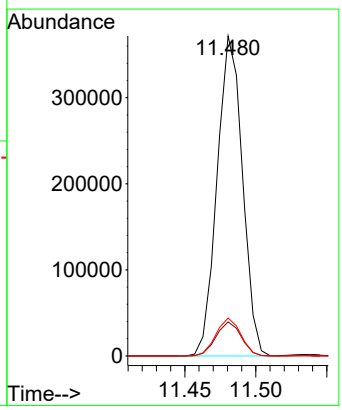
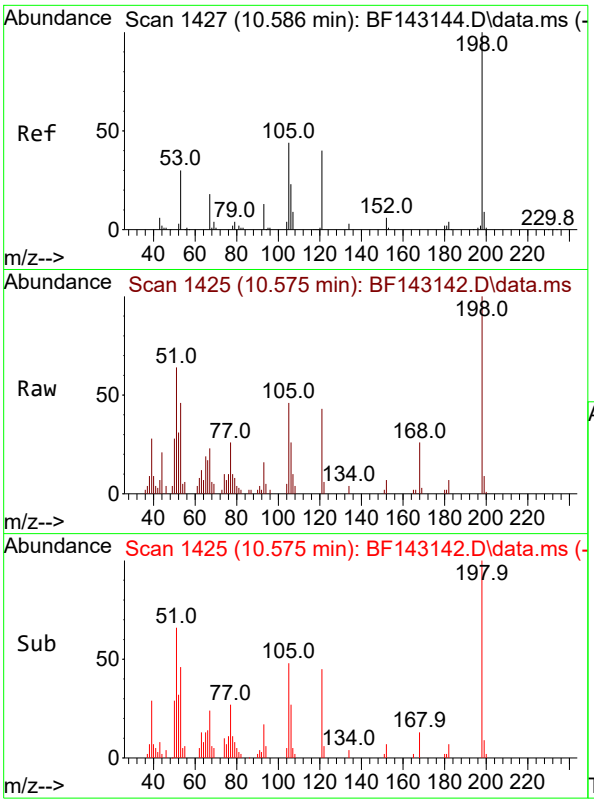



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 8.3 | 12.5 |
| 80 | 11.8 | 9.0 | 13.6 |






#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:198 Resp: 1254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 63.6 | 37.2 | 77.2 |
| 105 | 46.4 | 24.8 | 64.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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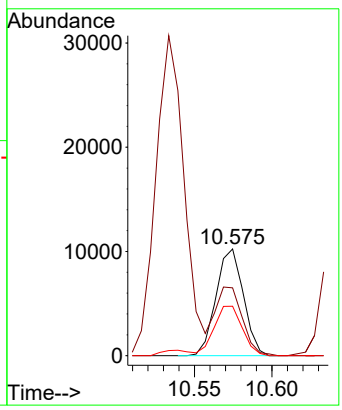
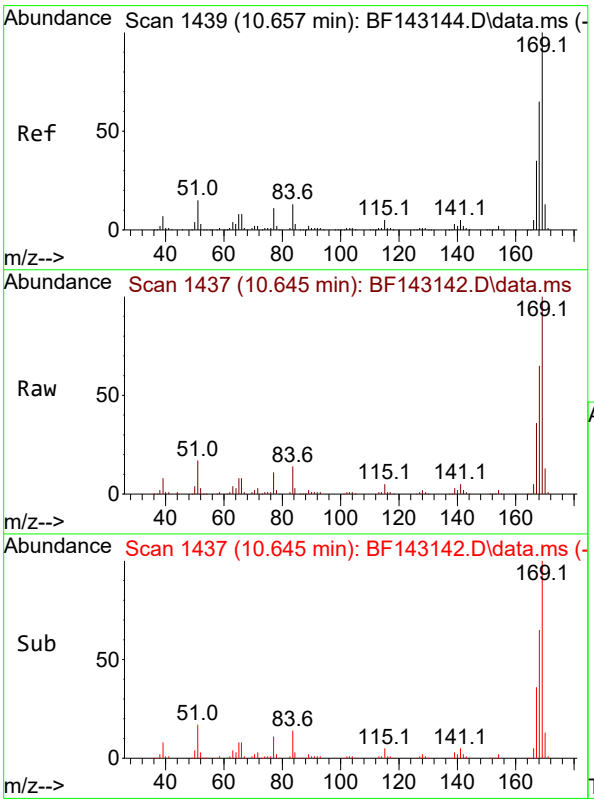
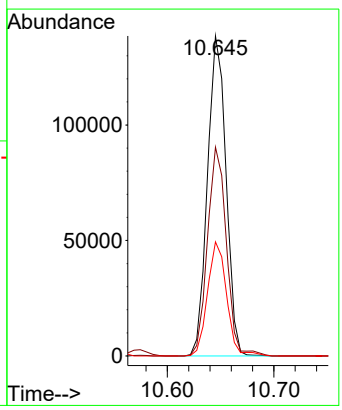


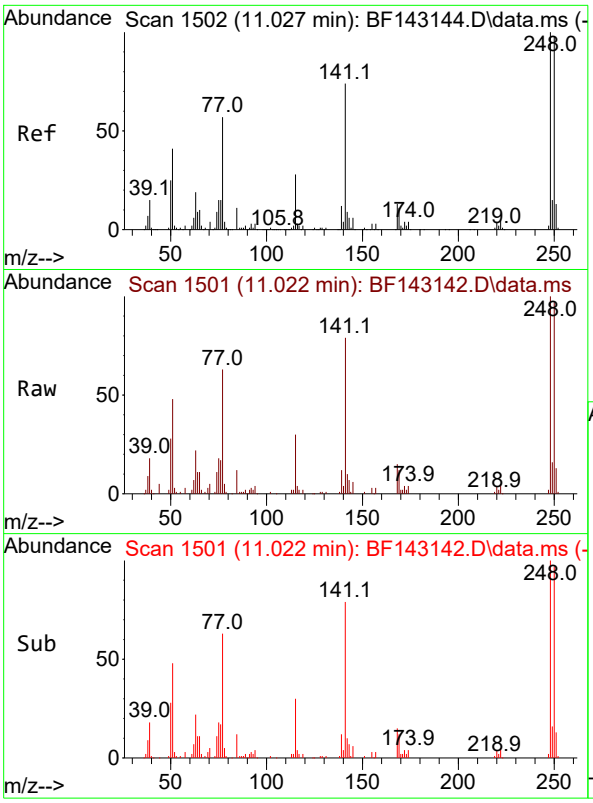




#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 52.1 | 78.1 |
| 167 | 35.6 | 28.2 | 42.2 |

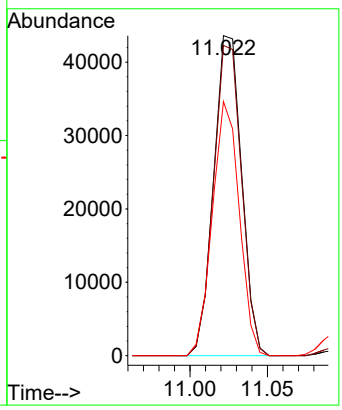





#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:248 Resp: 5484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.0 | 78.3 | 117.5 |
| 141 | 79.4 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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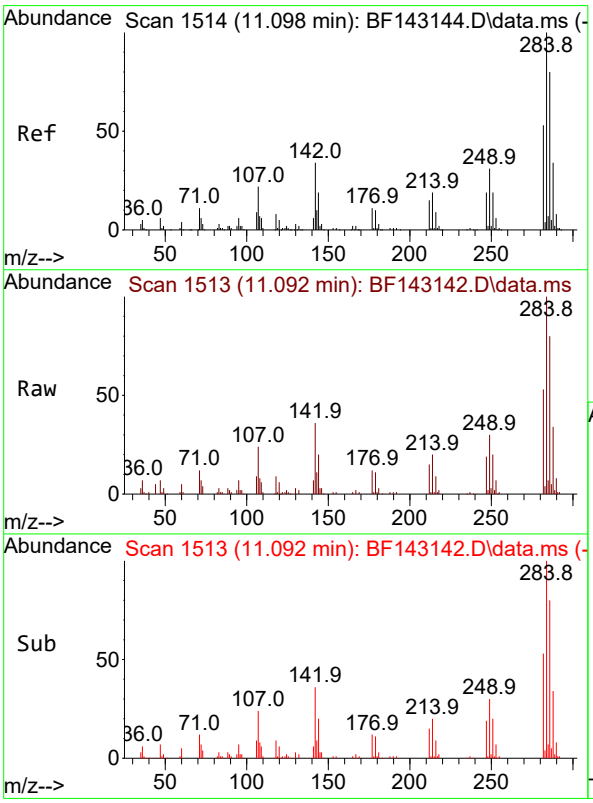
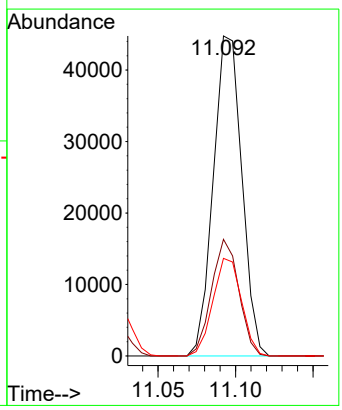
Supervised By :Jagrut Upadhyay 07/18/2025

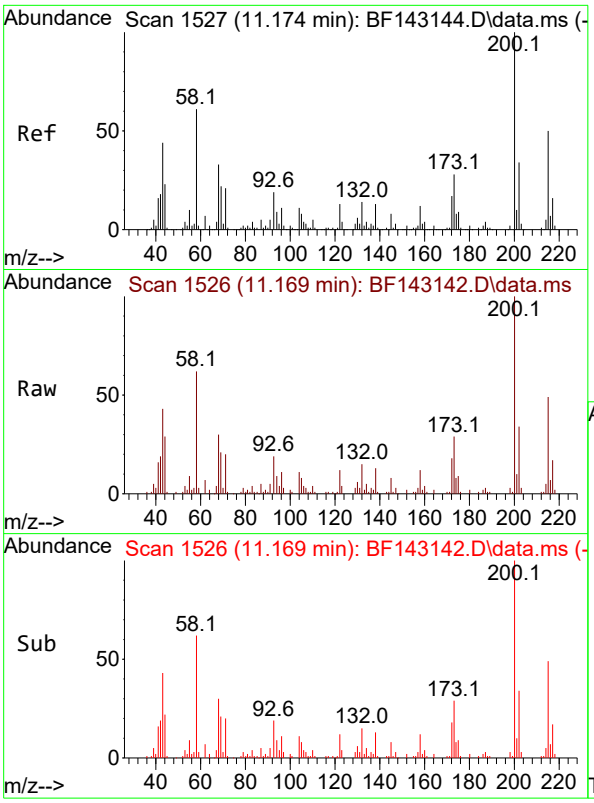



#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.4 | 27.0 | 40.6 |
| 249 | 30.5 | 25.0 | 37.6 |

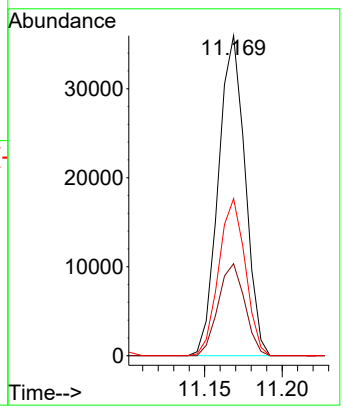





#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:200 Resp: 4304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.7 | 7.9 | 47.9 |
| 215 | 49.1 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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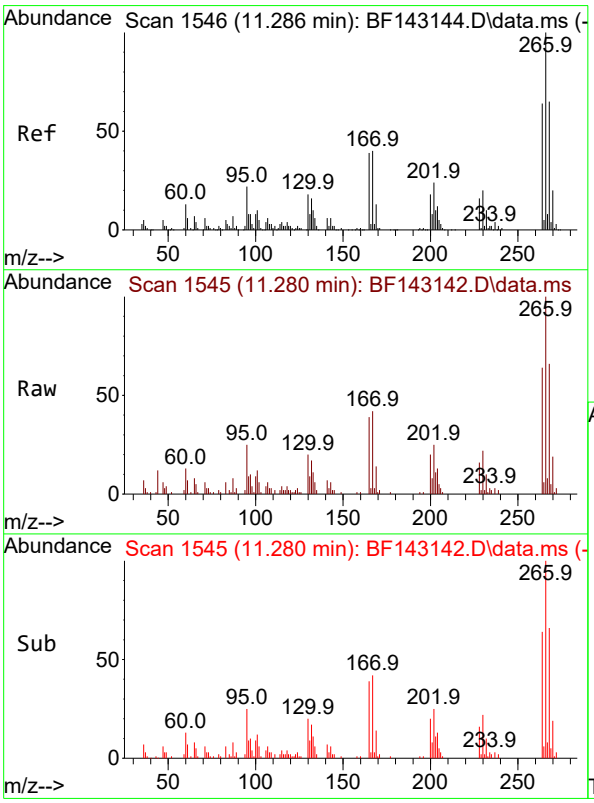
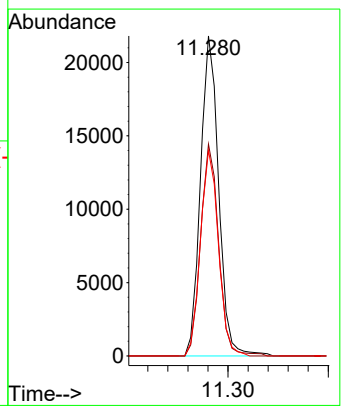
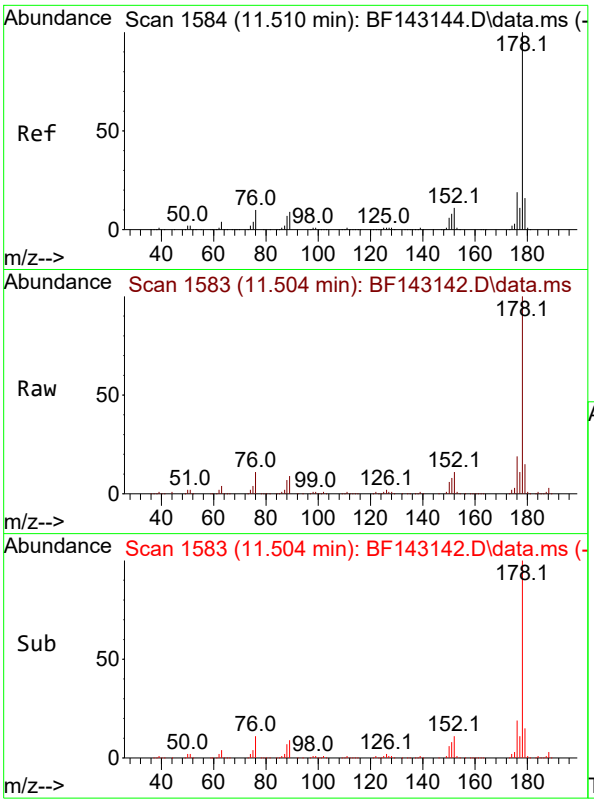



#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.2 | 51.9 | 77.9 |
| 264 | 64.3 | 51.0 | 76.6 |

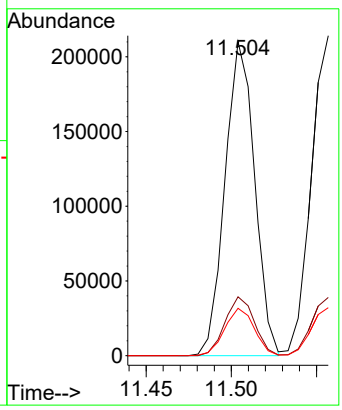





#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 25375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.3 | 22.9 |
| 179 | 15.1 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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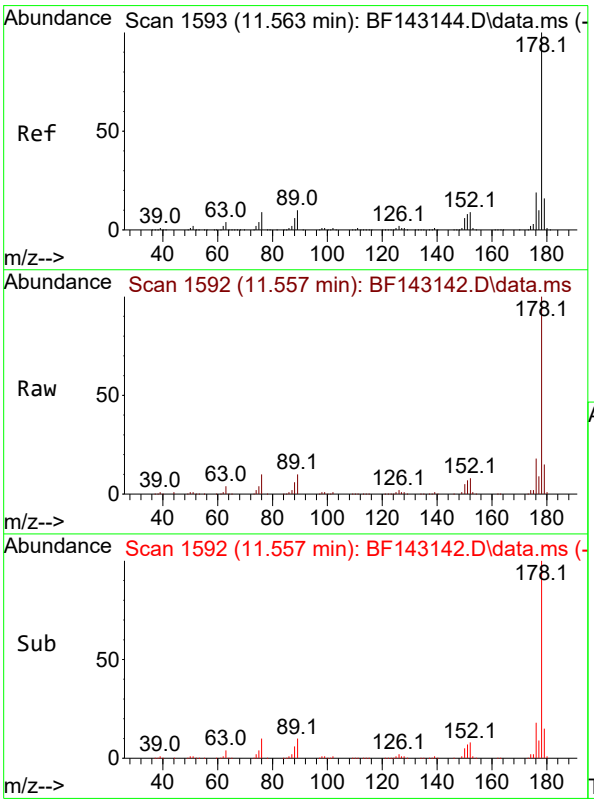
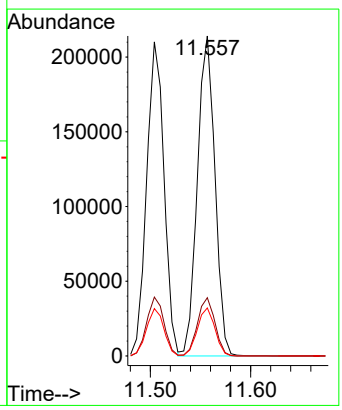
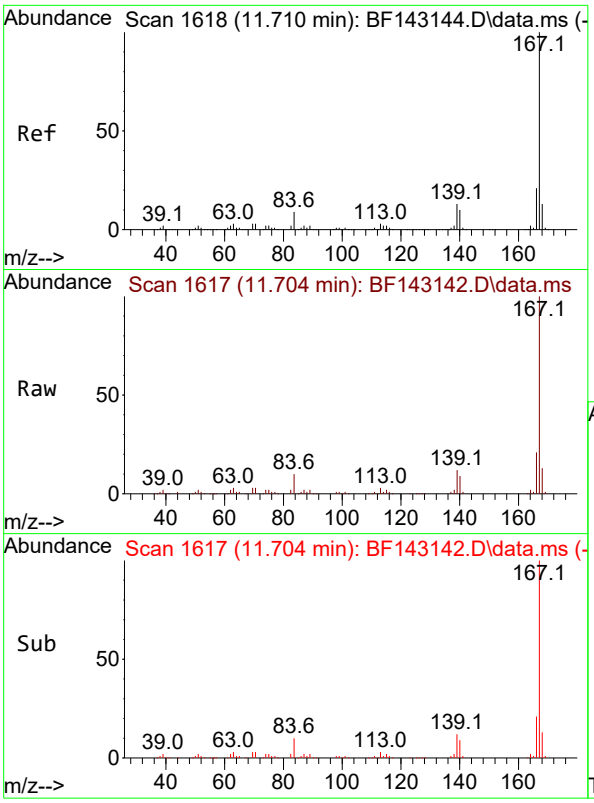



#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 15.0 | 22.4 |
| 179 | 15.0 | 12.5 | 18.7 |

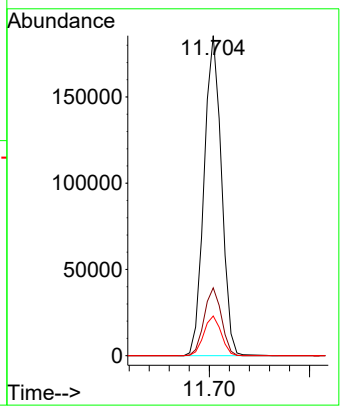





#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:167 Resp: 22337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.4 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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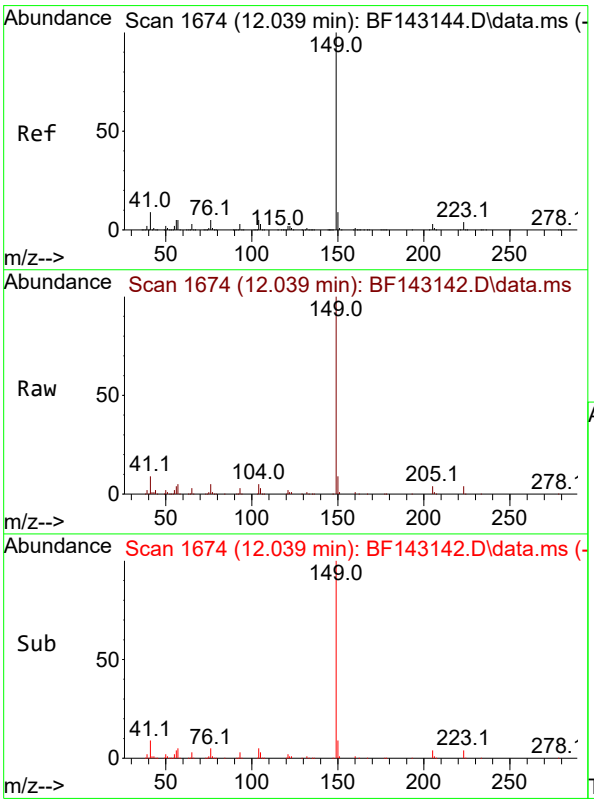
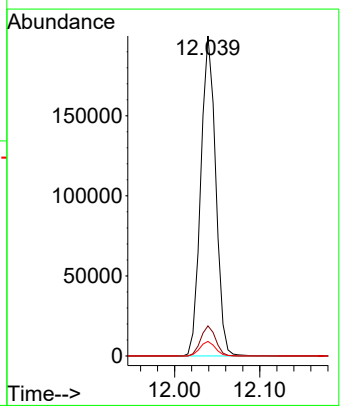
Supervised By :Jagrut Upadhyay 07/18/2025

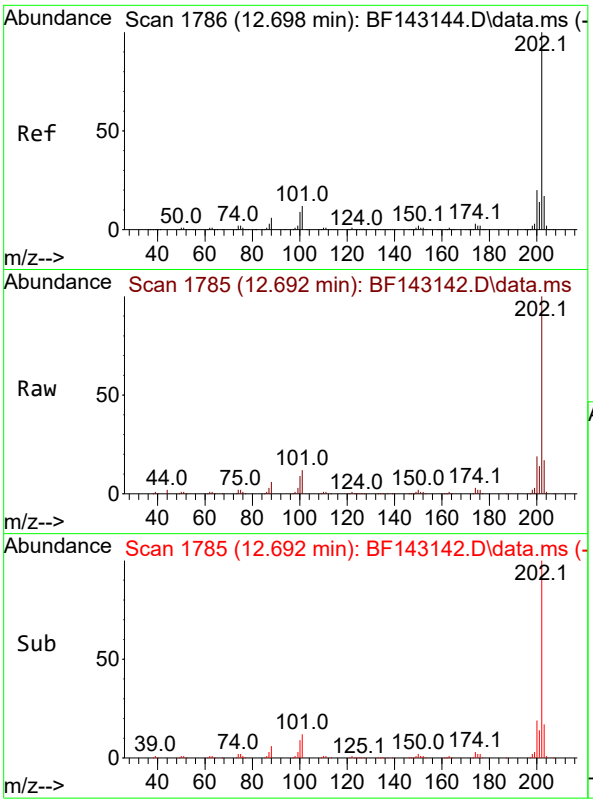



#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.2 |
| 104 | 4.6 | 3.8 | 5.8 |

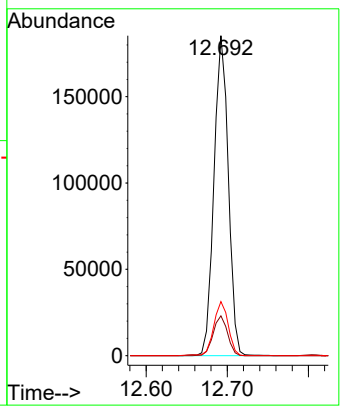





#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 22770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 31.7 |
| 203 | 16.9 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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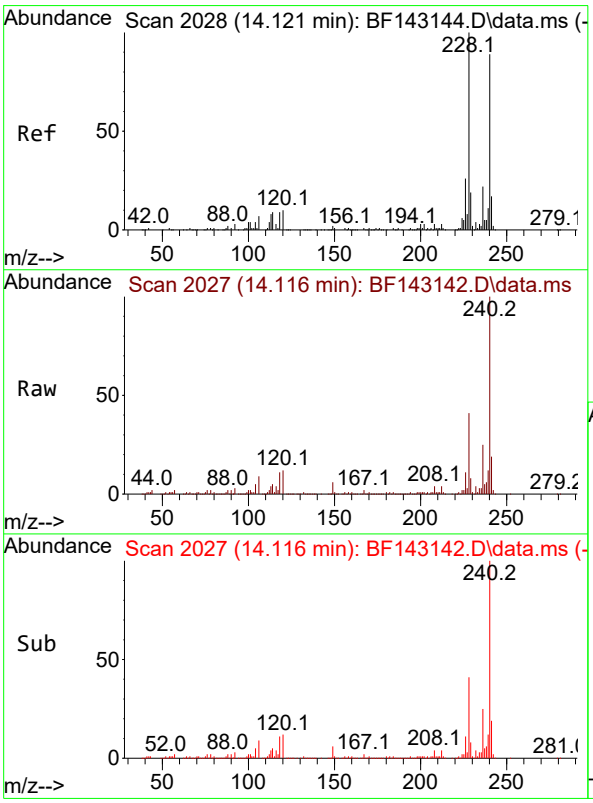
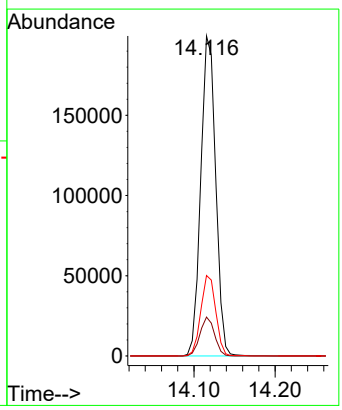
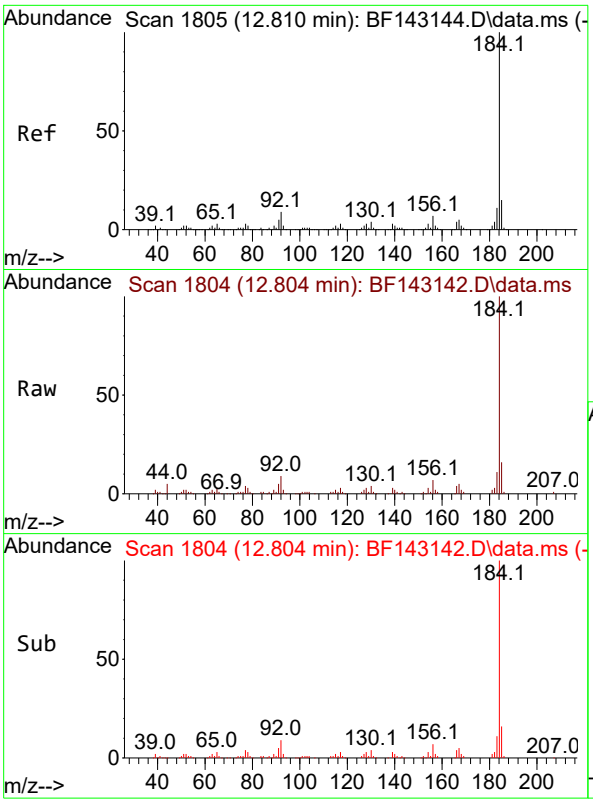



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.4 | 14.2 |
| 236 | 25.1 | 20.2 | 30.4 |

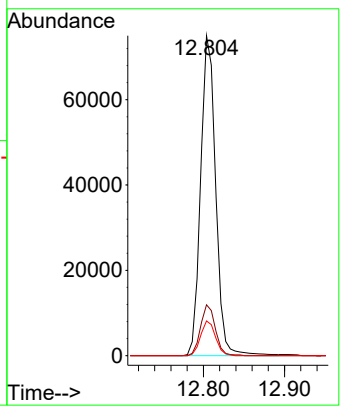





#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 9648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.9 | 12.2 | 18.4 |
| 183 | 10.9 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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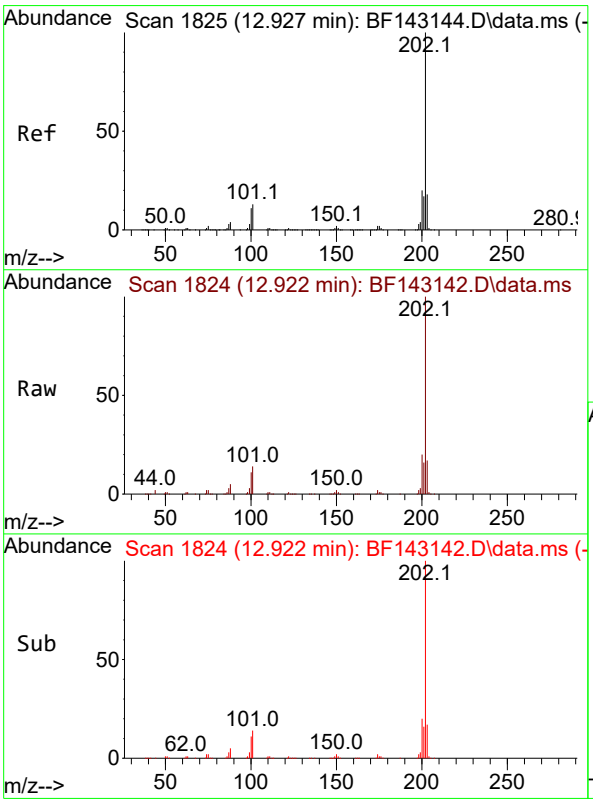
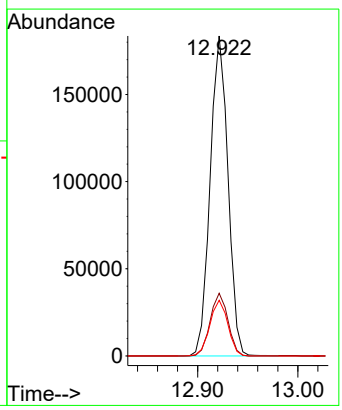
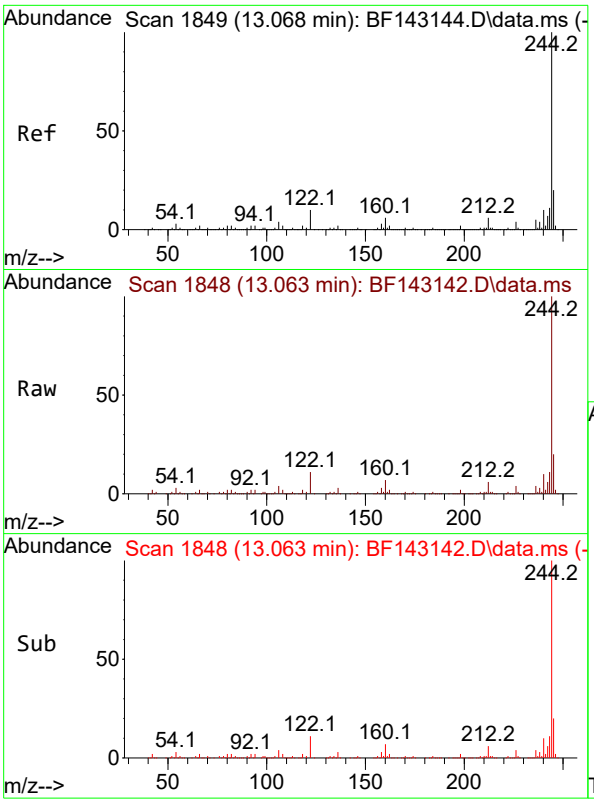



#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.6 | 15.7 | 23.5 |
| 203 | 17.4 | 14.2 | 21.2 |

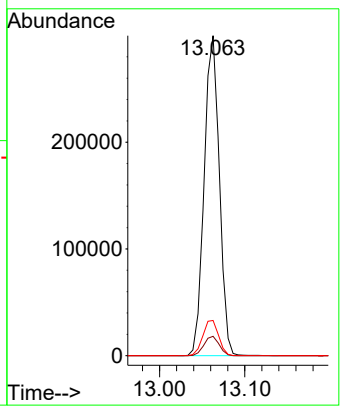





#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:244 Resp: 37080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.2 | 7.8 |
| 122 | 11.0 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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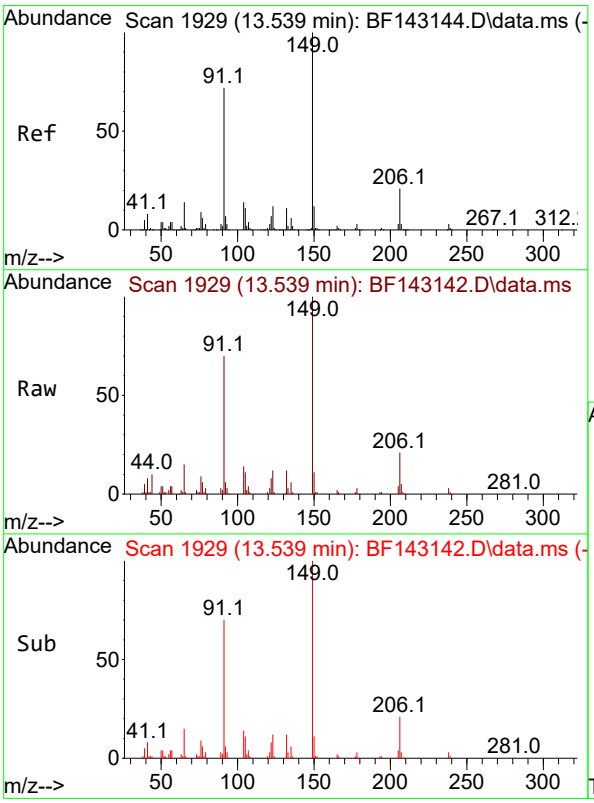
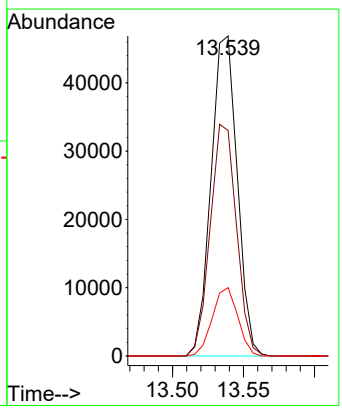
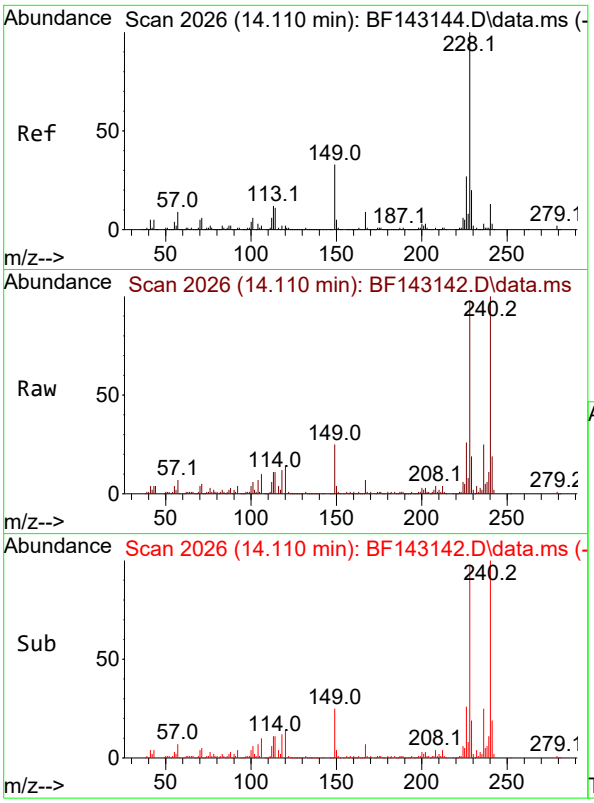



#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.4 | 57.9 | 86.9 |
| 206 | 21.3 | 17.0 | 25.4 |

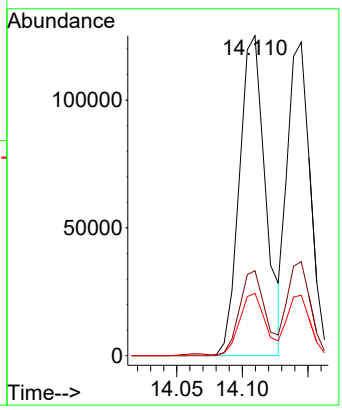





#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 17402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.5 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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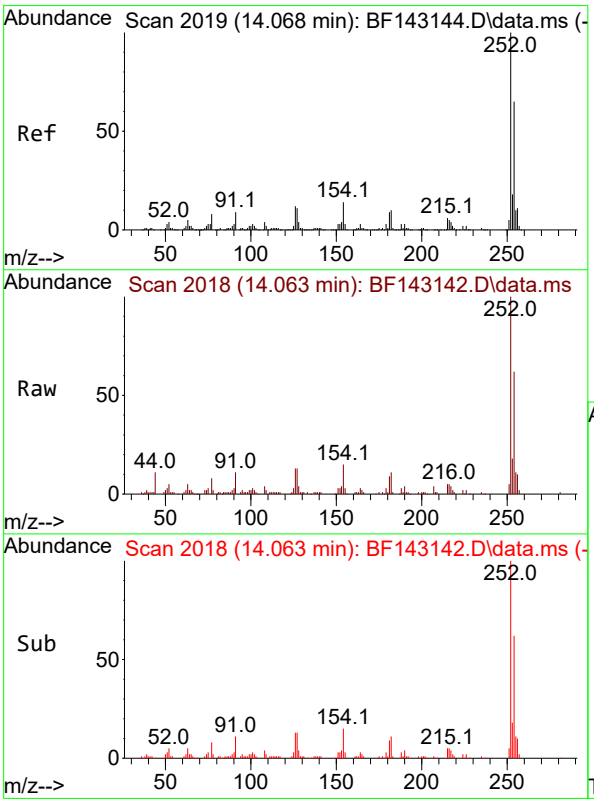
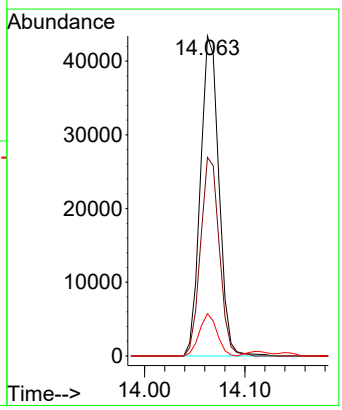
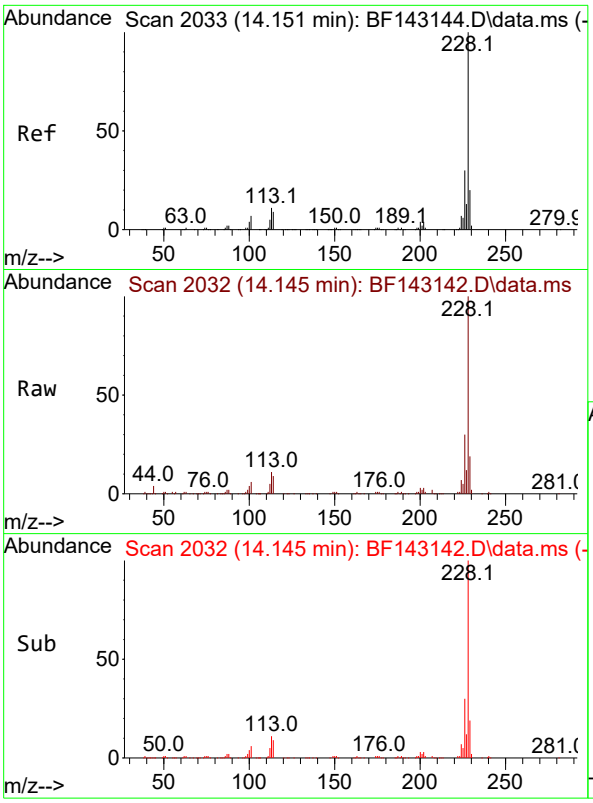



#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.0 | 51.7 | 77.5 |
| 126 | 13.2 | 9.4 | 14.0 |

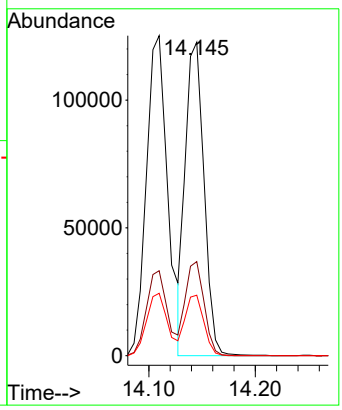





#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:228 Resp: 14944(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.8 | 35.8 |
| 229 | 19.3 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

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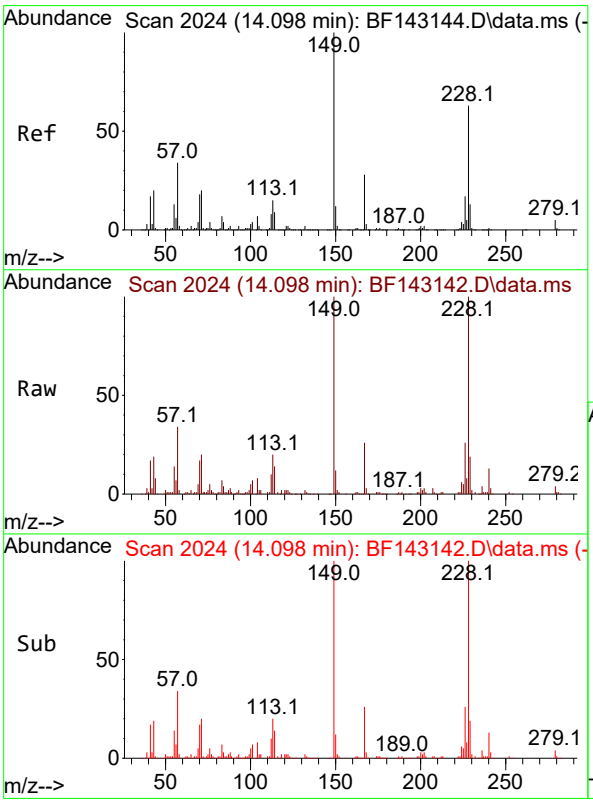
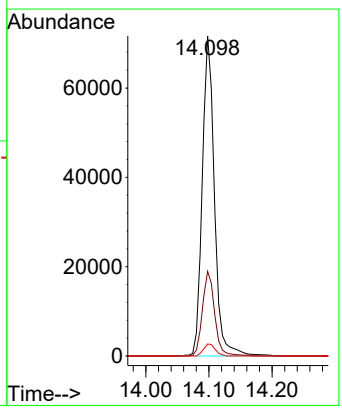
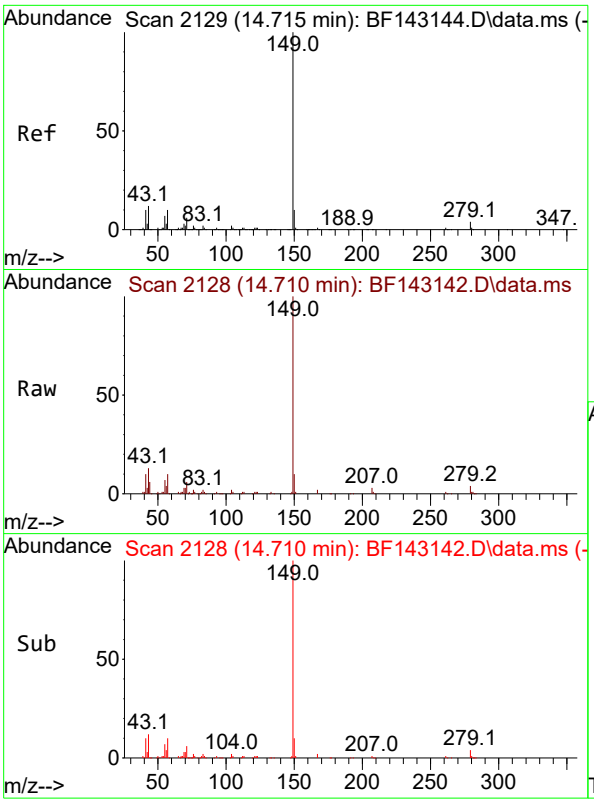



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 22.3 | 33.5 |
| 279 | 3.7 | 3.6 | 5.4 |

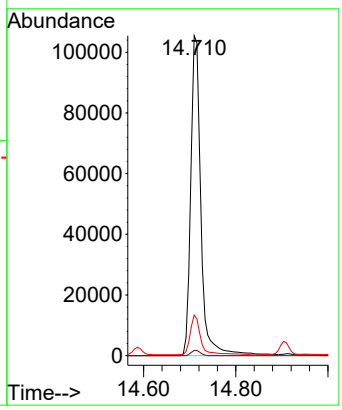





#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 16215

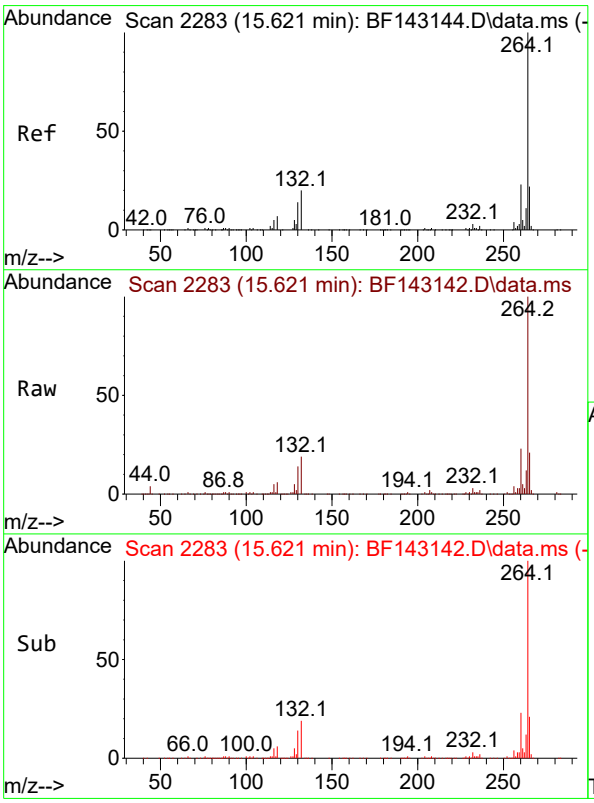
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.7 | 9.7 | 14.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

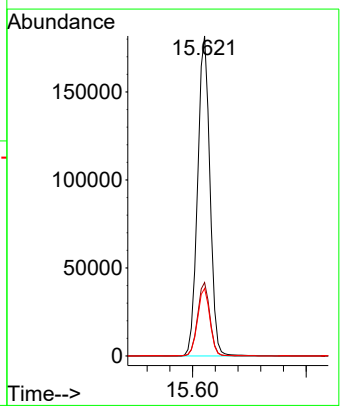
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

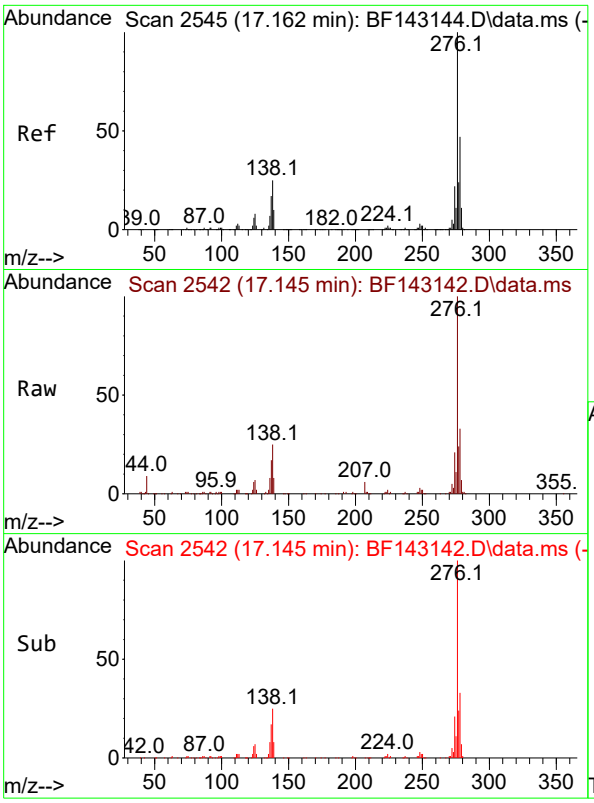



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 18.5 | 27.7 |
| 265 | 21.1 | 17.4 | 26.2 |

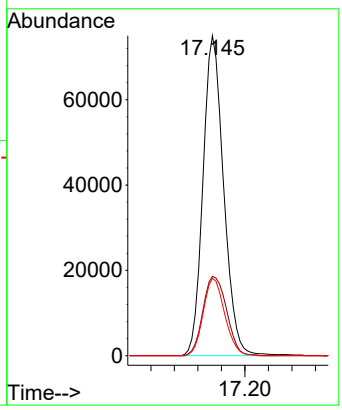





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 18286

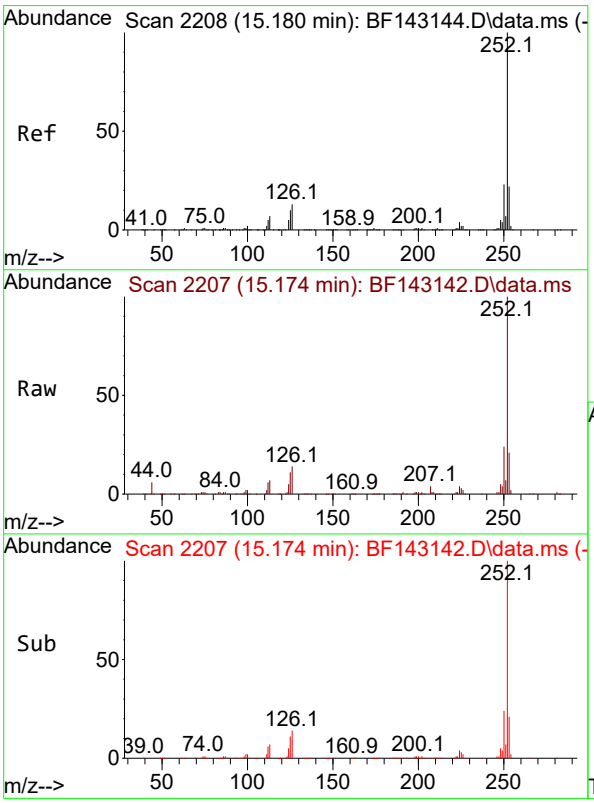
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.3 | 21.8 | 32.6 |
| 277 | 25.1 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

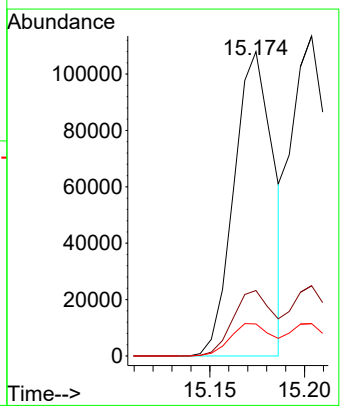
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

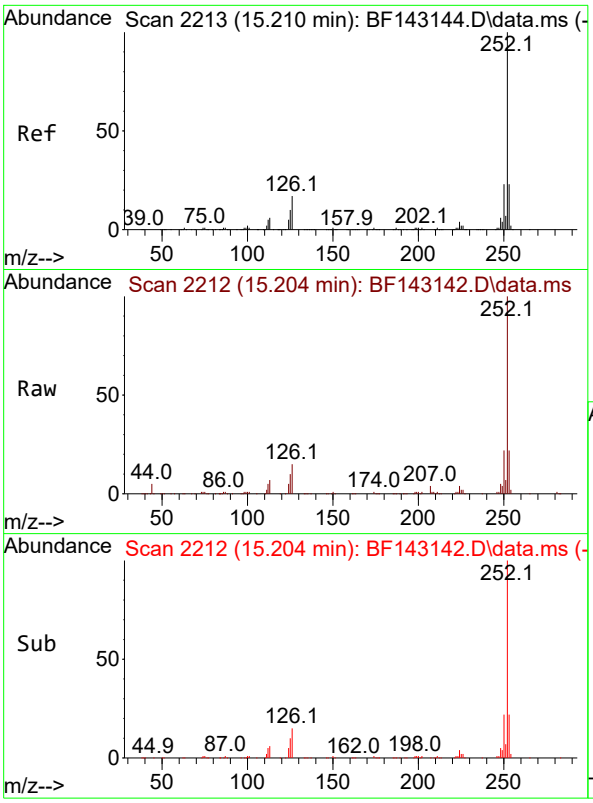



#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 10.5 | 8.0 | 12.0 |

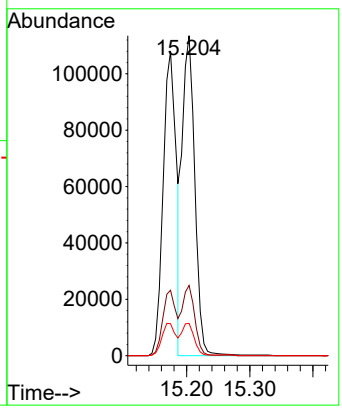





#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 15766

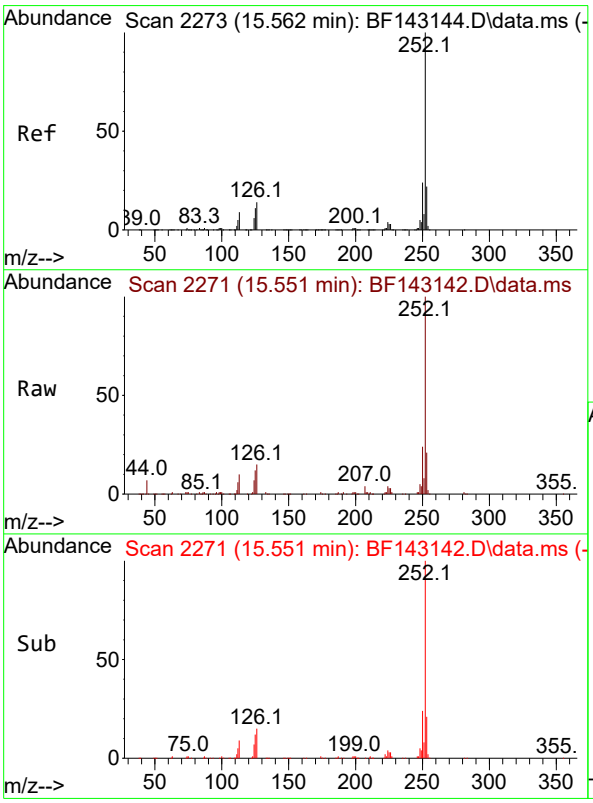
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.1 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

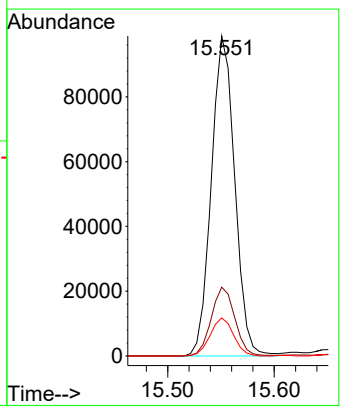
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

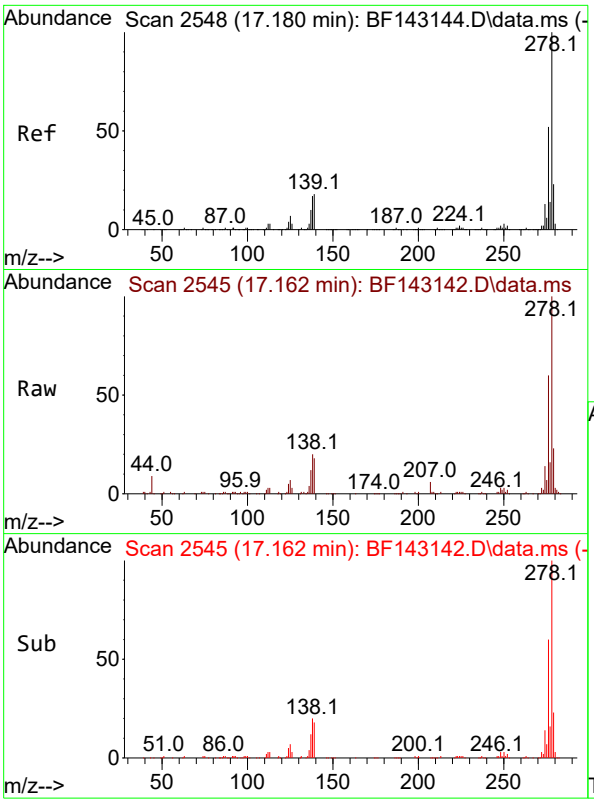



#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.3 | 25.9 |
| 125 | 11.9 | 8.6 | 13.0 |

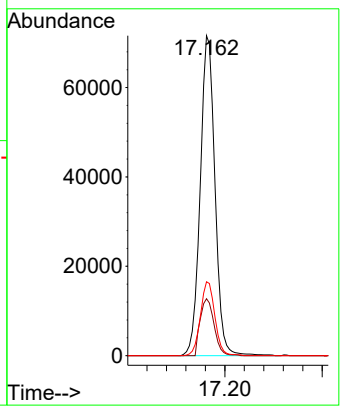





#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:278 Resp: 15097

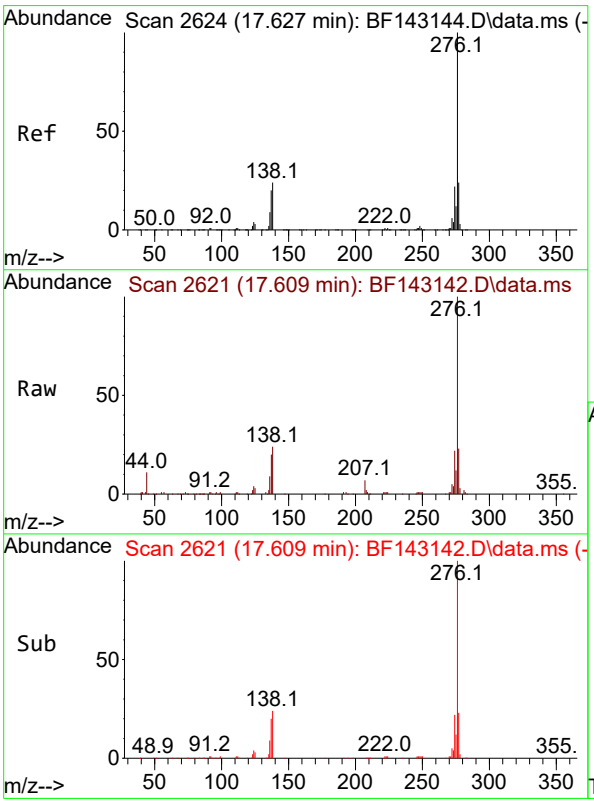
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 14.1 | 21.1 |
| 279 | 23.1 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

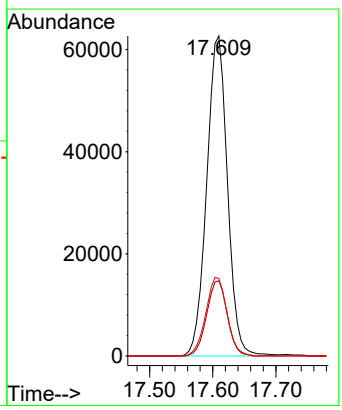
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.1 | 28.7 |
| 138 | 24.2 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 168491 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 642580 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 329670 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 532921 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 305398 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 338518 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 444546 | 41.752 | ng | | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 558427 | 41.668 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.516 | 82 | 535581m | 41.547 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 139748 | 41.034 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1019688 | 42.301 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.063 | 244 | 866830 | 42.238 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.810 | 88 | 103481 | 20.540 | ng | | 99 |
| 3) Pyridine | 3.581 | 79 | 261405 | 19.990 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 134638 | 19.942 | ng | | 99 |
| 6) Aniline | 6.622 | 93 | 382991 | 20.505 | ng | | 99 |
| 8) 2-Chlorophenol | 6.745 | 128 | 231044 | 20.702 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 196003 | 19.504 | ng | | 98 |
| 10) Phenol | 6.593 | 94 | 299259m | 20.497 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 232425 | 20.792 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 251734 | 20.763 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 253137 | 20.733 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 243437 | 20.963 | ng | | 99 |
| 15) Benzyl Alcohol | 7.092 | 79 | 210016 | 20.524 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 428827 | 20.680 | ng | | 100 |
| 17) 2-Methylphenol | 7.198 | 107 | 192172 | 20.479 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 88036 | 20.828 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70 | 173142 | 20.137 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 247578 | 21.745 | ng | | 96 |
| 22) Acetophenone | 7.363 | 105 | 321774 | 21.151 | ng | # | 99 |
| 24) Nitrobenzene | 7.534 | 77 | 249251 | 20.739 | ng | | 98 |
| 25) Isophorone | 7.775 | 82 | 457146 | 20.088 | ng | | 99 |
| 26) 2-Nitrophenol | 7.851 | 139 | 105681 | 20.261 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 218960 | 20.594 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 283946 | 20.811 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 184432 | 20.569 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 204103 | 21.070 | ng | | 98 |
| 31) Naphthalene | 8.263 | 128 | 662968 | 20.949 | ng | | 100 |
| 32) Benzoic acid | 7.957 | 122 | 95515m | 19.382 | ng | | |
| 33) 4-Chloroaniline | 8.304 | 127 | 269101 | 20.825 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 122624 | 20.722 | ng | | 98 |
| 35) Caprolactam | 8.651 | 113 | 53950 | 19.911 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 197317 | 20.246 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 403298 | 20.943 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 417629 | 21.060 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 198009 | 20.804 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 122922 | 19.848 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 135703 | 20.601 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 135634 | 20.584 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 540637 | 21.019 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 393002 | 20.650 | ng | | 99 |
| 48) 2-Nitroaniline | 9.528 | 65 | 122517 | 20.528 | ng | | 99 |
| 49) Acenaphthylene | 9.857 | 152 | 663048 | 20.789 | ng | | 100 |
| 50) Dimethylphthalate | 9.710 | 163 | 441768 | 20.558 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.769 | 165 | 89742 | 20.529 | ng | | 97 |
| 52) Acenaphthene | 10.033 | 154 | 390249 | 20.702 | ng | | 99 |
| 53) 3-Nitroaniline | 9.933 | 138 | 103870 | 20.314 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 10.039 | 184 | 26820 | 19.073 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 582320 | 20.806 | ng | | 98 |
| 56) 4-Nitrophenol | 10.081 | 139 | 75275 | 19.715 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 112851 | 20.577 | ng | | 99 |
| 58) Fluorene | 10.545 | 166 | 435866 | 20.750 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 113851 | 20.859 | ng | | 100 |
| 60) Diethylphthalate | 10.410 | 149 | 440058 | 20.719 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 216496 | 20.699 | ng | | 99 |
| 62) 4-Nitroaniline | 10.545 | 138 | 87666 | 20.005 | ng | | 99 |
| 63) Azobenzene | 10.698 | 77 | 458013 | 20.690 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.580 | 198 | 46122 | 20.060 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 384467 | 20.488 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 128663 | 20.259 | ng | | 99 |
| 68) Hexachlorobenzene | 11.098 | 284 | 134031 | 20.191 | ng | | 99 |
| 69) Atrazine | 11.169 | 200 | 105386 | 20.370 | ng | | 99 |
| 70) Pentachlorophenol | 11.280 | 266 | 77906 | 19.957 | ng | | 99 |
| 71) Phenanthrene | 11.510 | 178 | 595411 | 21.042 | ng | | 99 |
| 72) Anthracene | 11.557 | 178 | 604416 | 20.944 | ng | | 99 |
| 73) Carbazole | 11.704 | 167 | 523365 | 20.769 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 601867 | 21.108 | ng | | 100 |
| 75) Fluoranthene | 12.692 | 202 | 542662 | 20.894 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 257904 | 21.919 | ng | | 99 |
| 78) Pyrene | 12.922 | 202 | 544650 | 20.897 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 163546 | 20.491 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 421791 | 20.629 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 151153 | 22.181 | ng | | 100 |
| 83) Chrysene | 14.145 | 228 | 380799 | 20.714 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 251739 | 20.839 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 436102 | 19.916 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.151 | 276 | 484240 | 20.286 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 435747 | 21.071 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 369899 | 20.044 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.557 | 252 | 388136 | 20.371 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.168 | 278 | 398949 | 20.534 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.615 | 276 | 385915 | 20.534 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

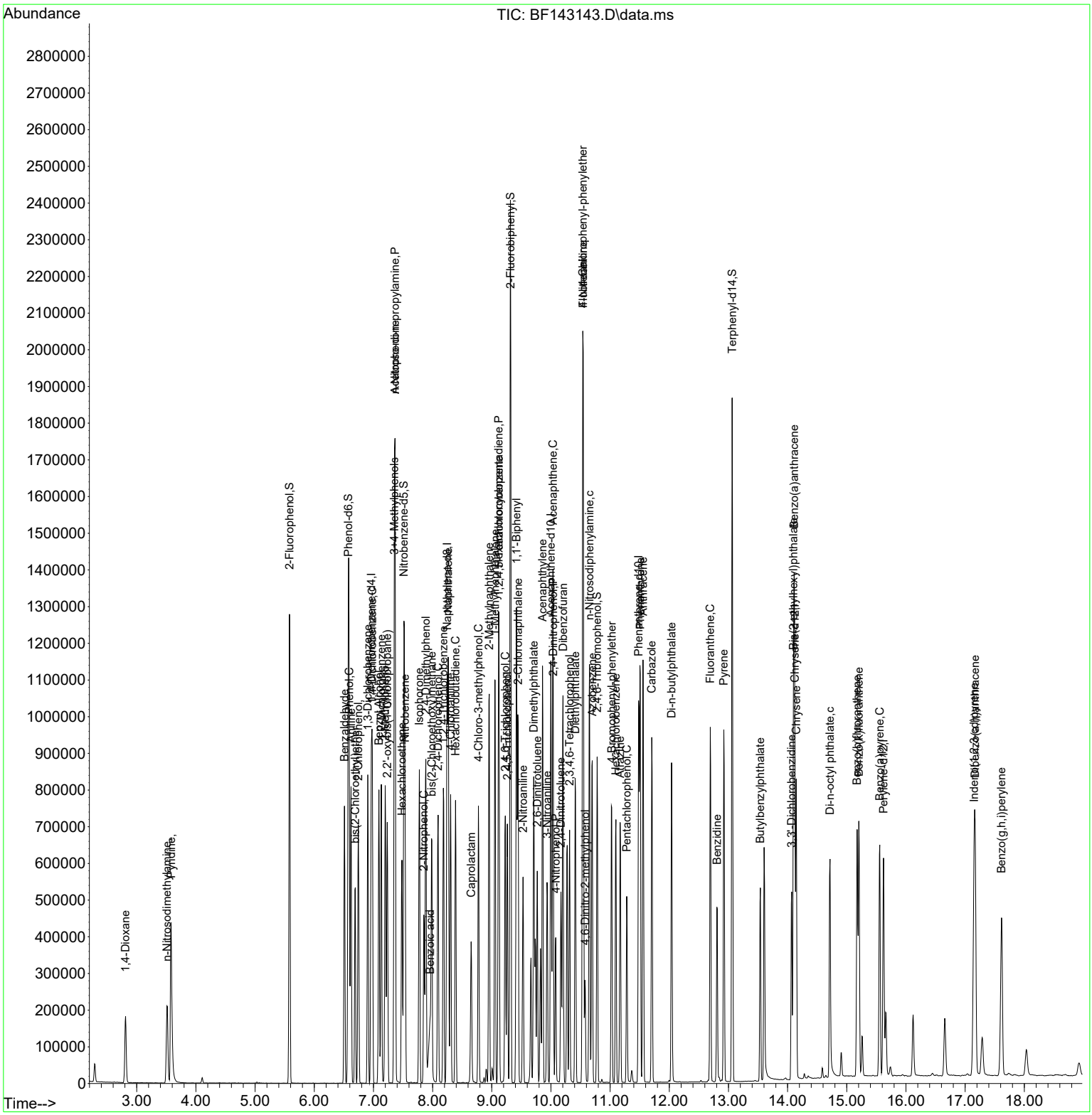
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

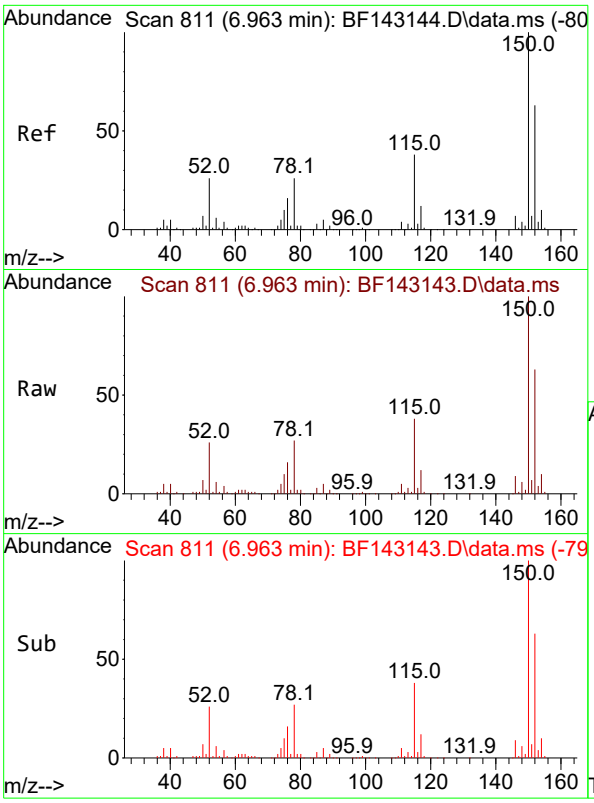
Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

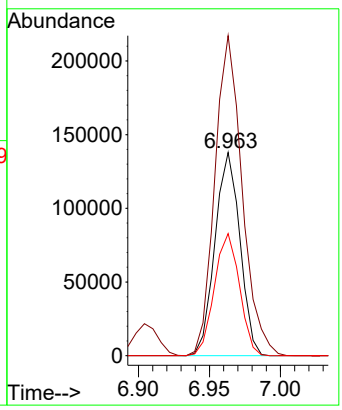





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 16849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 128.2 | 192.4 |
| 115 | 60.1 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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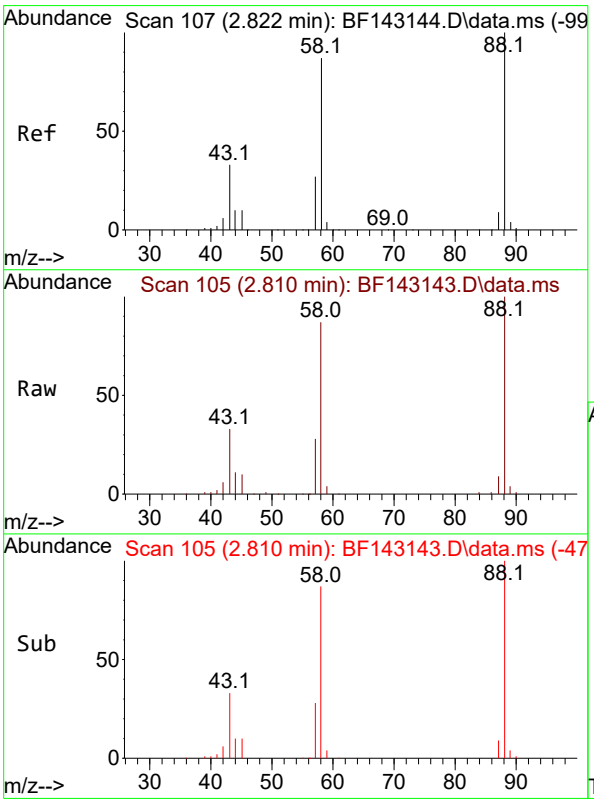
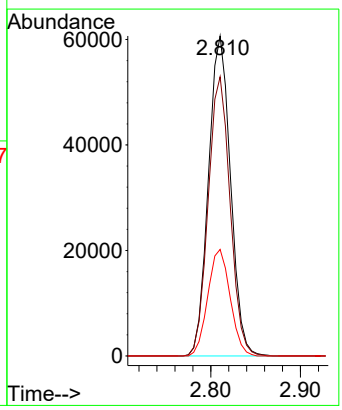
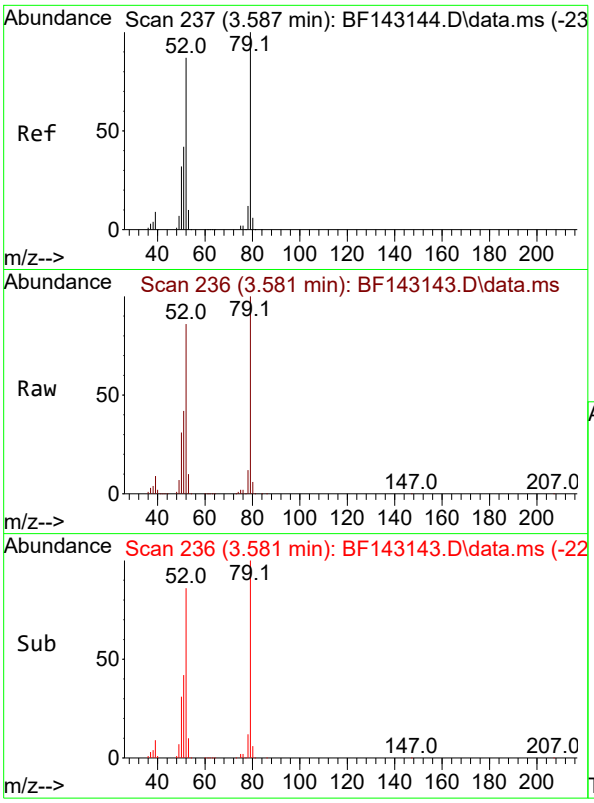



#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.7 | 70.2 | 105.2 |
| 43 | 33.8 | 27.1 | 40.7 |






#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 26140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.9 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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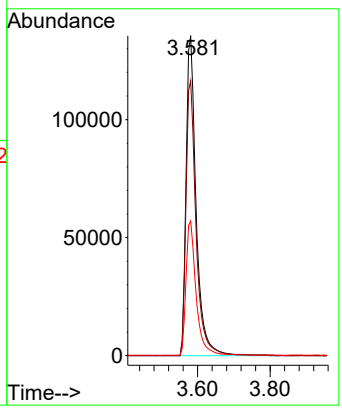
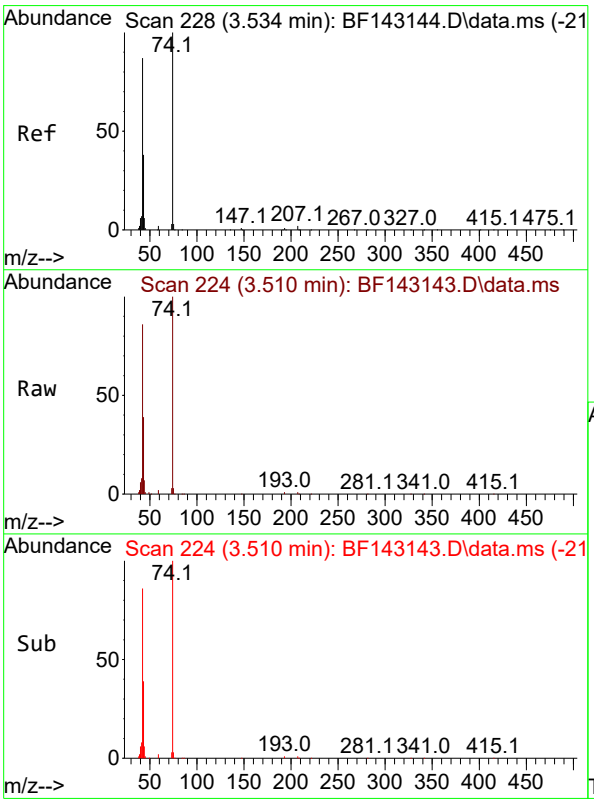
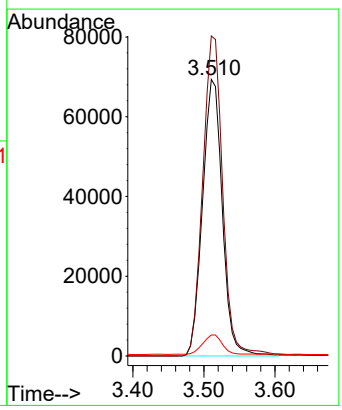


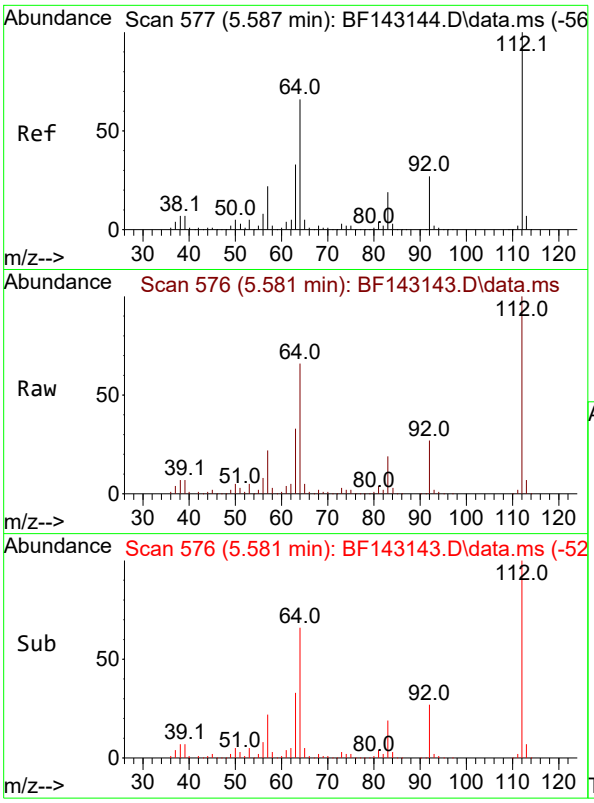




#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.7 | 91.7 | 137.5 |
| 44 | 7.6 | 5.6 | 8.4 |

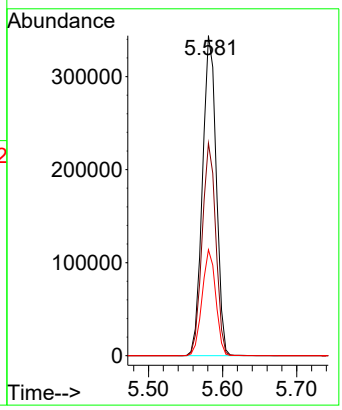





#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:112 Resp: 44454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.4 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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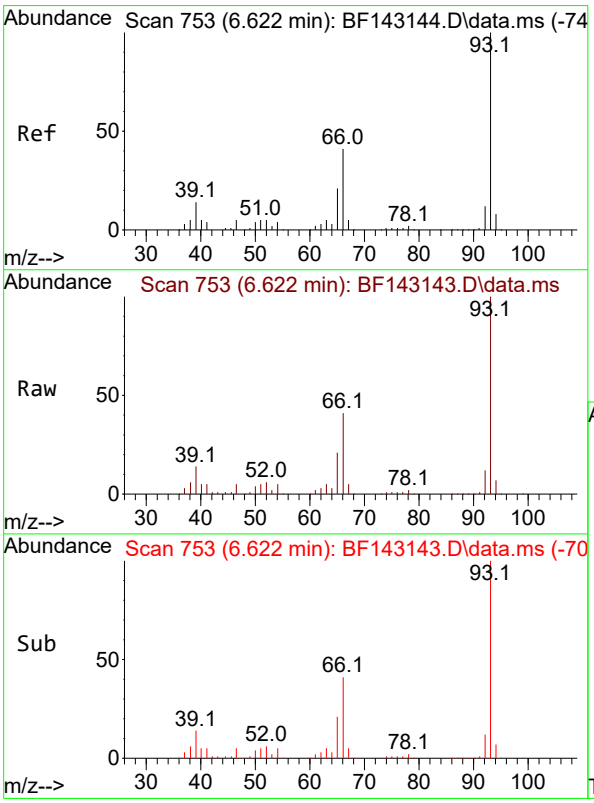
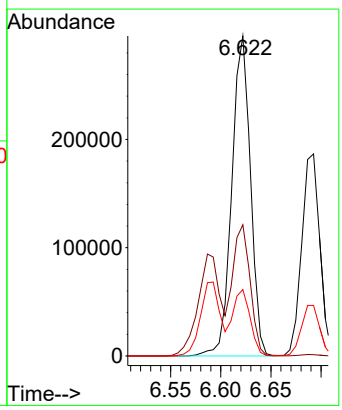
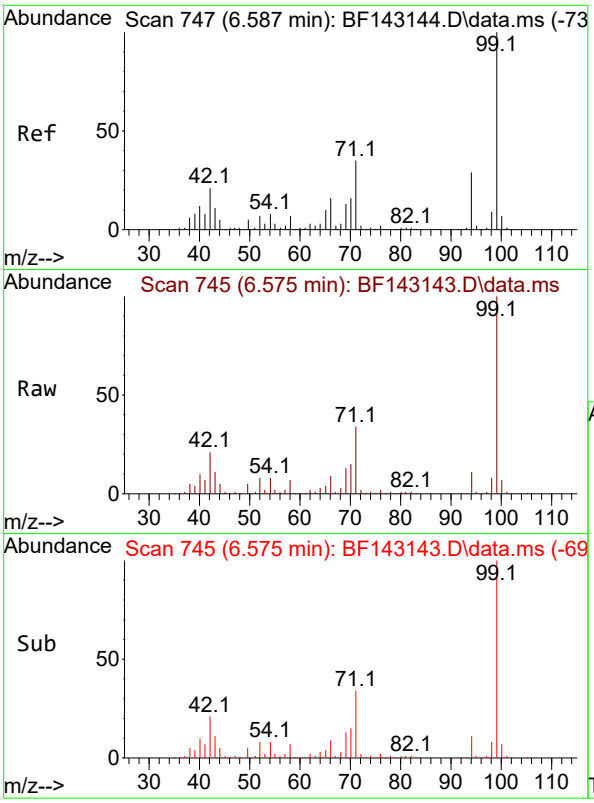



#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.7 | 16.9 | 25.3 |

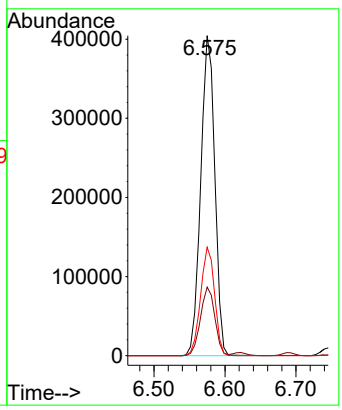





#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 99 Resp: 55842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 17.0 | 25.6 |
| 71 | 33.9 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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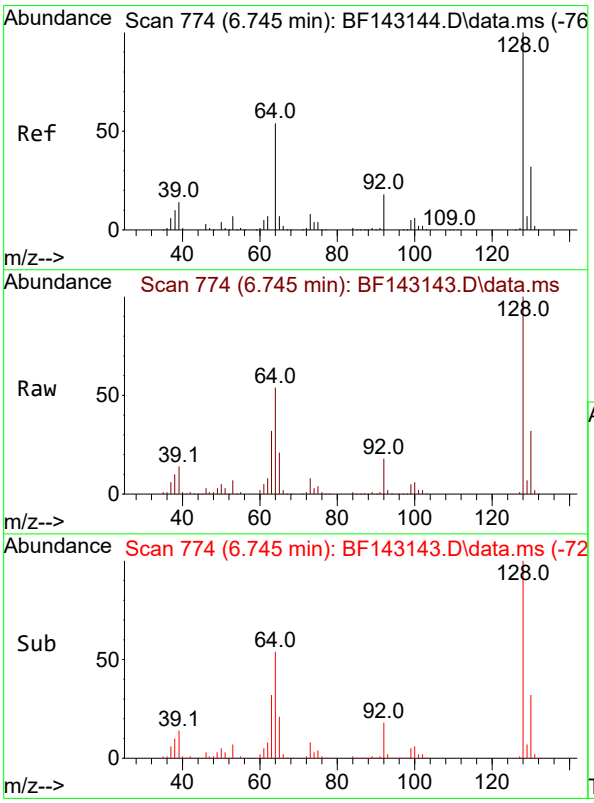
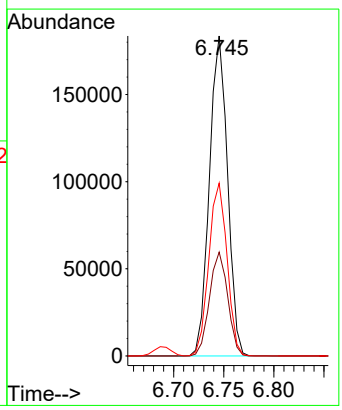
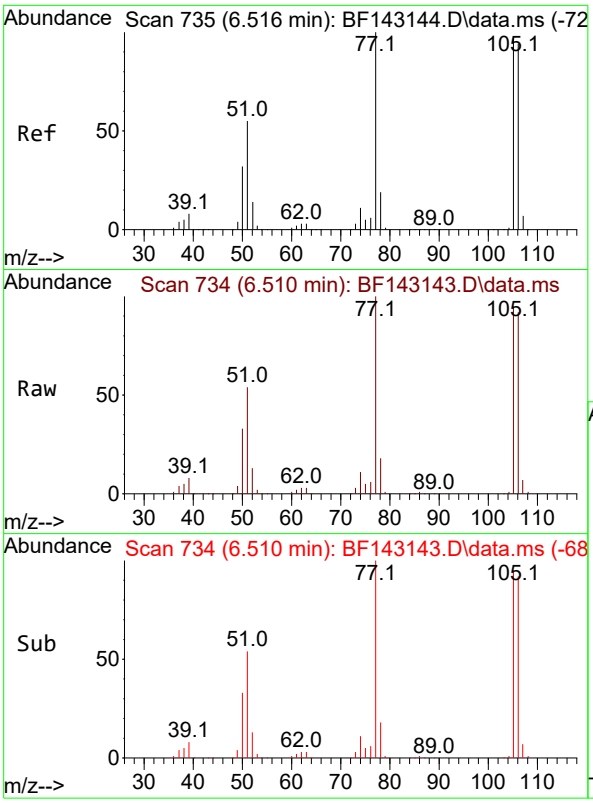



#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.3 | 52.3 |
| 64 | 54.0 | 35.9 | 75.9 |

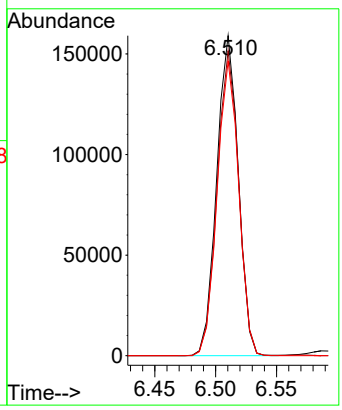





#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 19600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.3 | 76.8 | 116.8 |
| 106 | 92.0 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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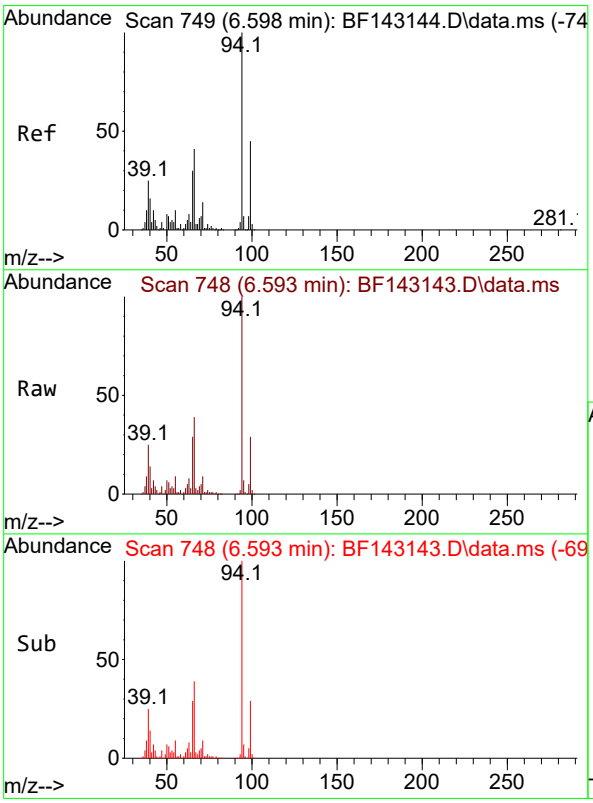
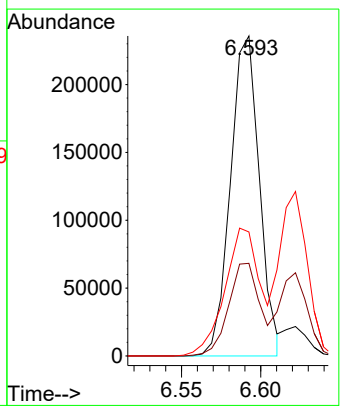
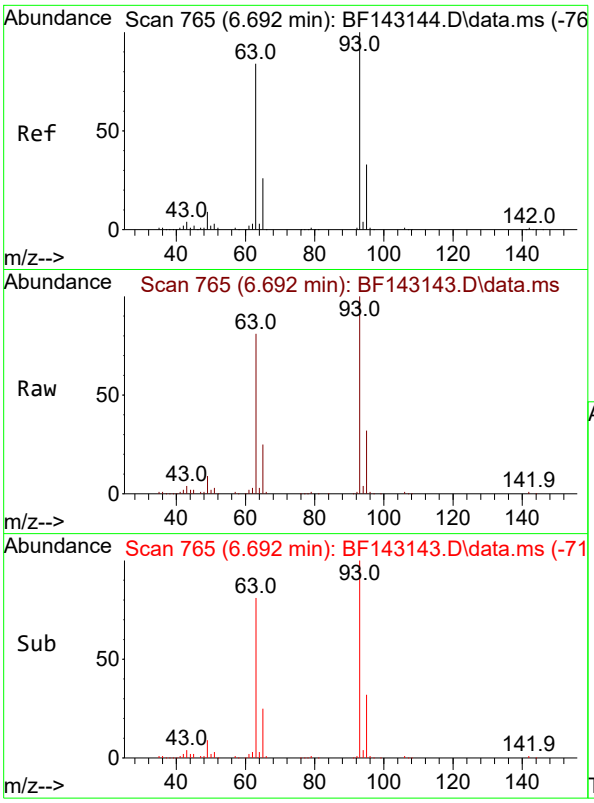



#10
Phenol
Concen: 20.497 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 299259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.0 | 10.0 | 50.0 |
| 66 | 38.8 | 20.8 | 60.8 |

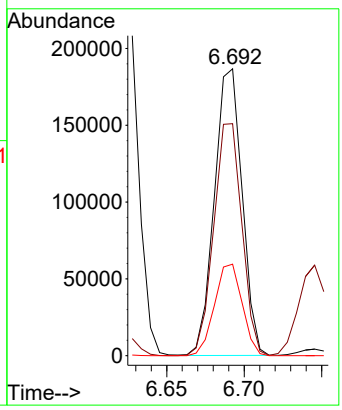





#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 23242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.9 | 63.4 | 103.4 |
| 95 | 31.9 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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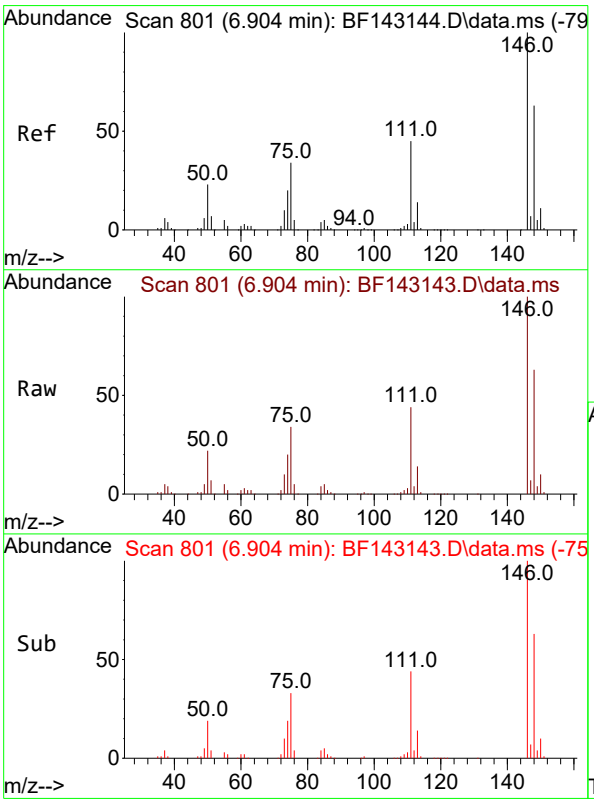
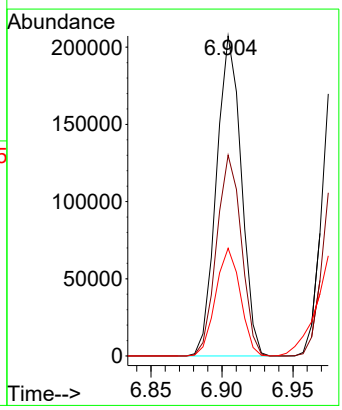
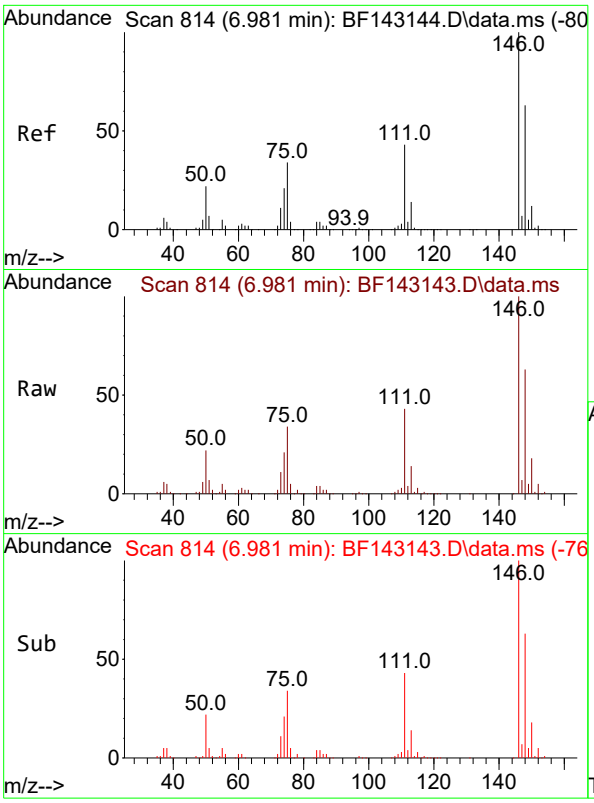



#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.6 | 76.0 |
| 75 | 33.7 | 27.4 | 41.2 |

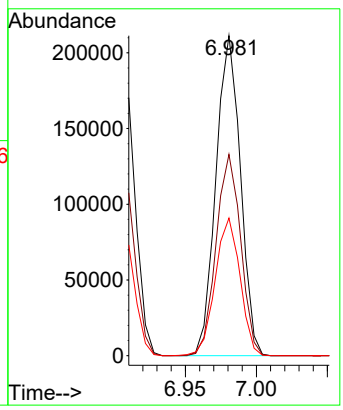





#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 25313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.3 | 75.5 |
| 111 | 43.0 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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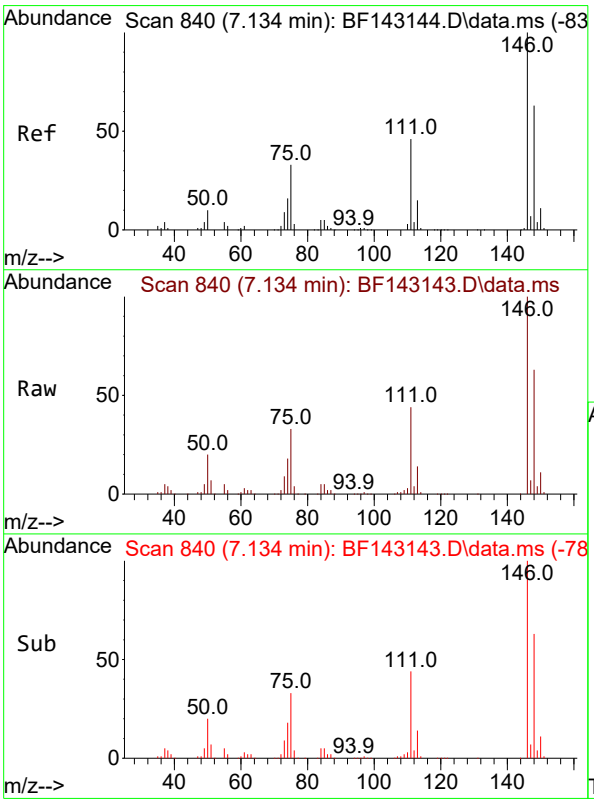
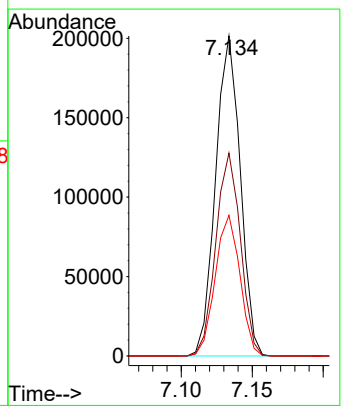
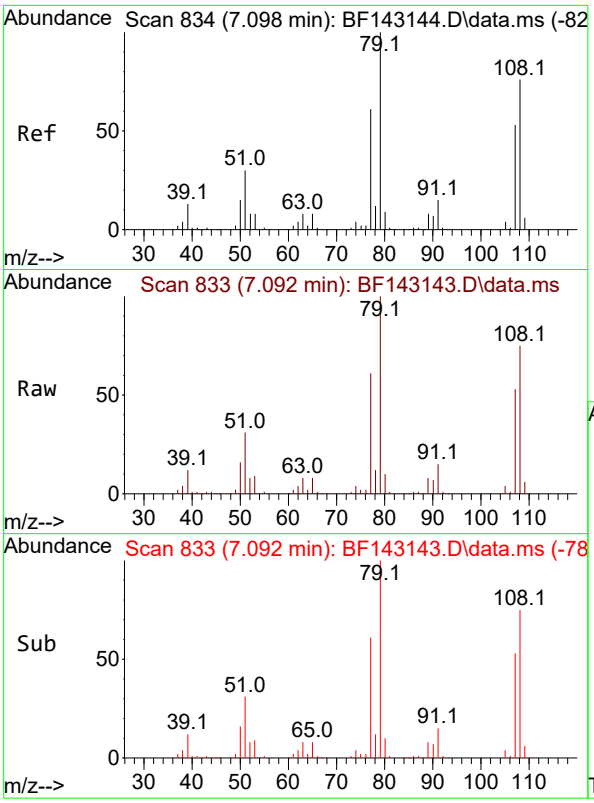



#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 44.0 | 36.6 | 54.8 |

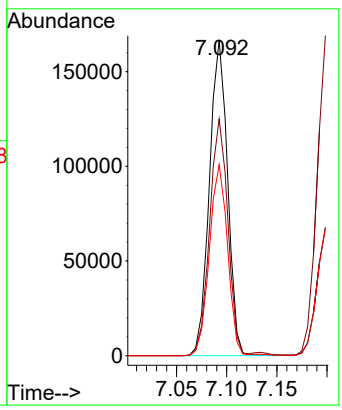





#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 79 Resp: 21001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.0 | 61.1 | 91.7 |
| 77 | 60.5 | 48.9 | 73.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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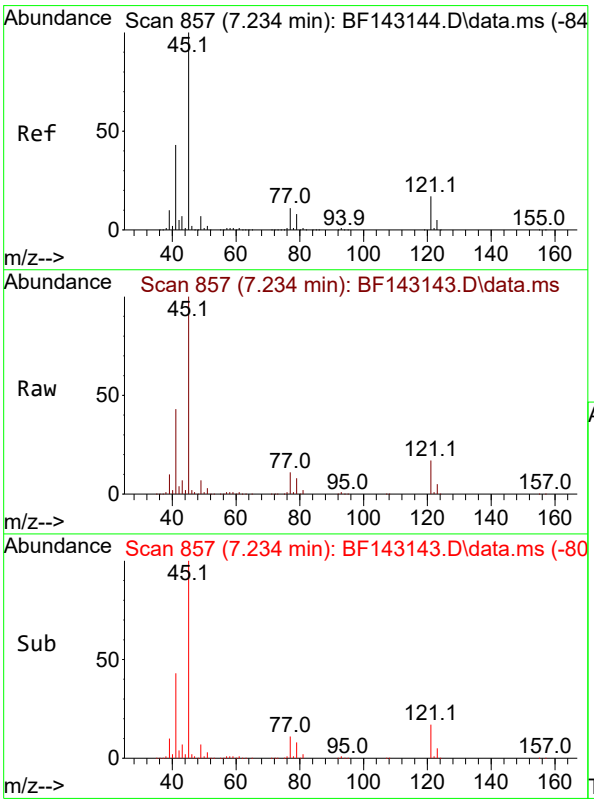
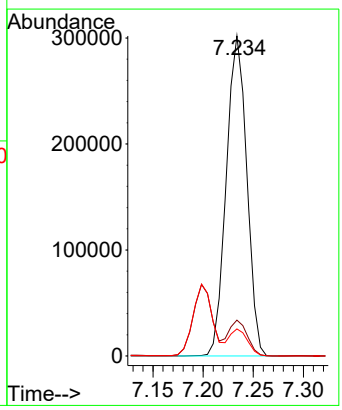
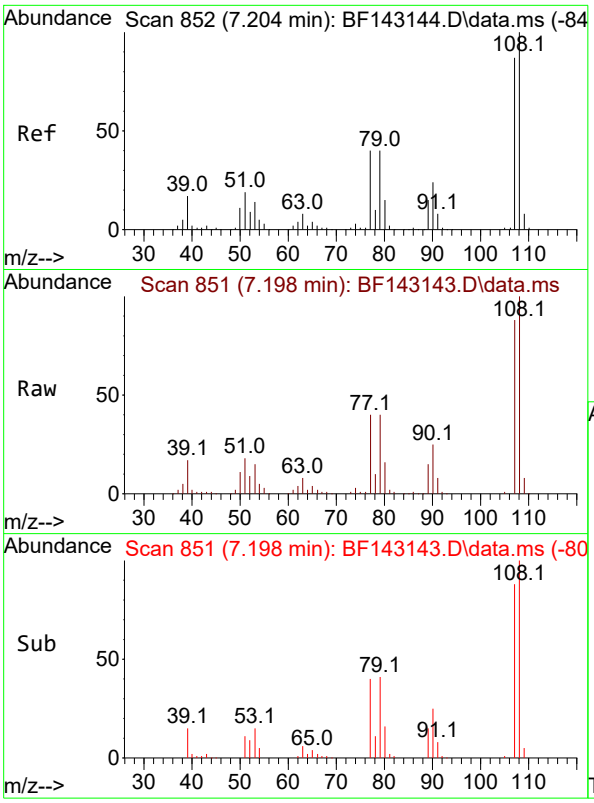



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.4 | 0.0 | 28.5 |

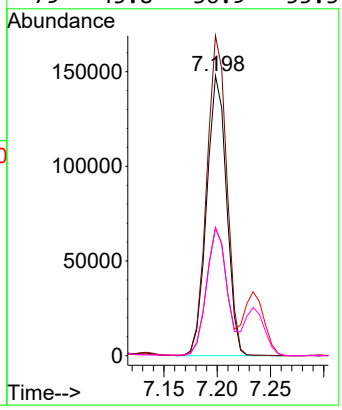





#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 19217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.3 | 91.8 | 137.6 |
| 77 | 45.6 | 37.0 | 55.6 |
| 79 | 45.8 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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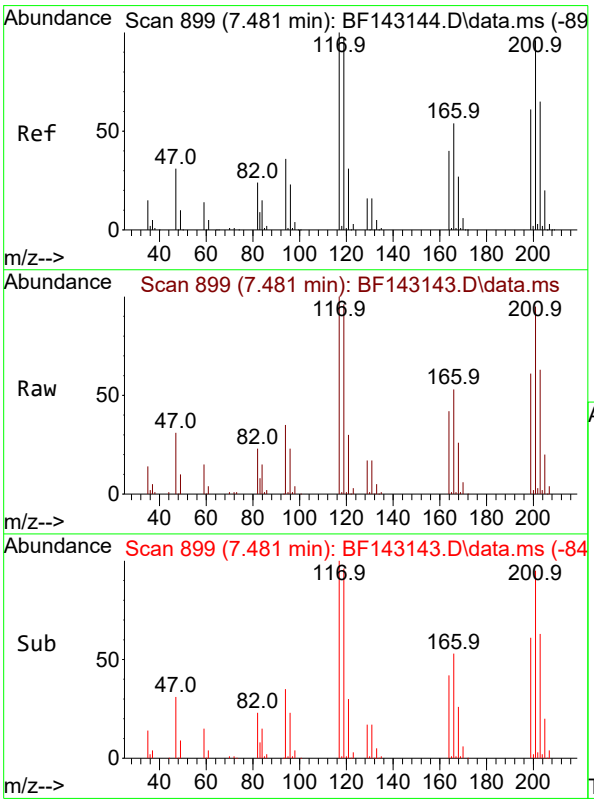
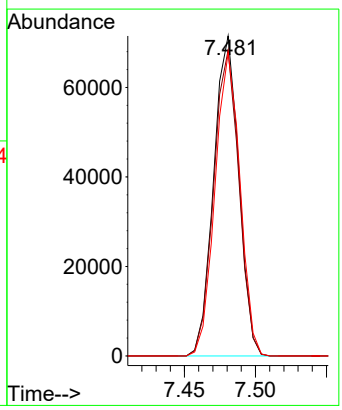
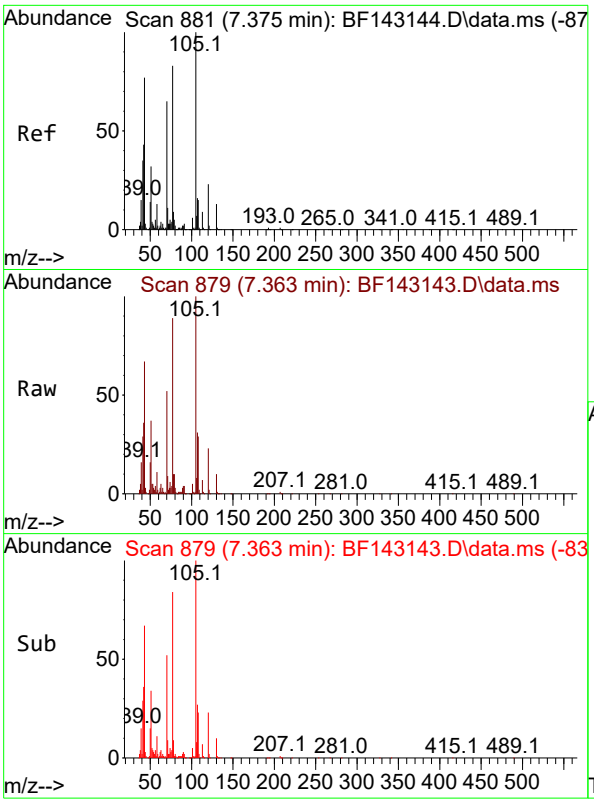



#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.8 | 116.8 |
| 201 | 94.8 | 77.0 | 115.4 |

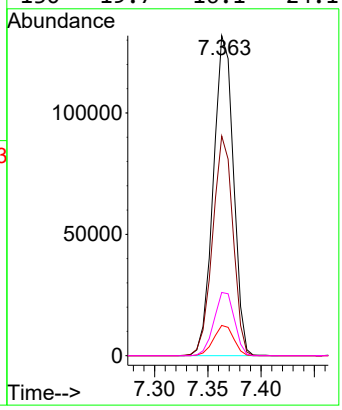





#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 70 Resp: 17314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.6 | 52.5 | 78.7 |
| 101 | 9.4 | 7.6 | 11.4 |
| 130 | 19.7 | 16.1 | 24.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
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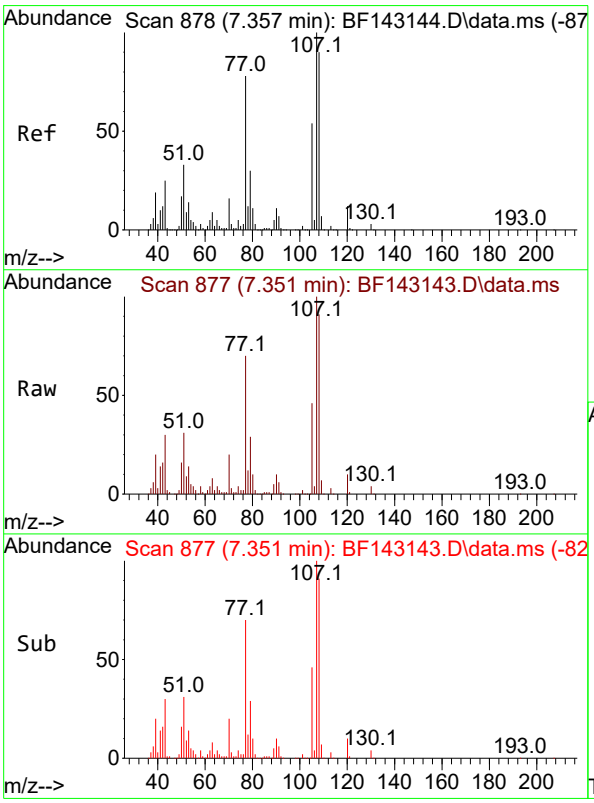
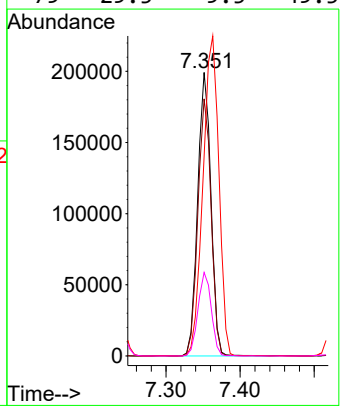
Supervised By :Jagrut Upadhyay 07/18/2025

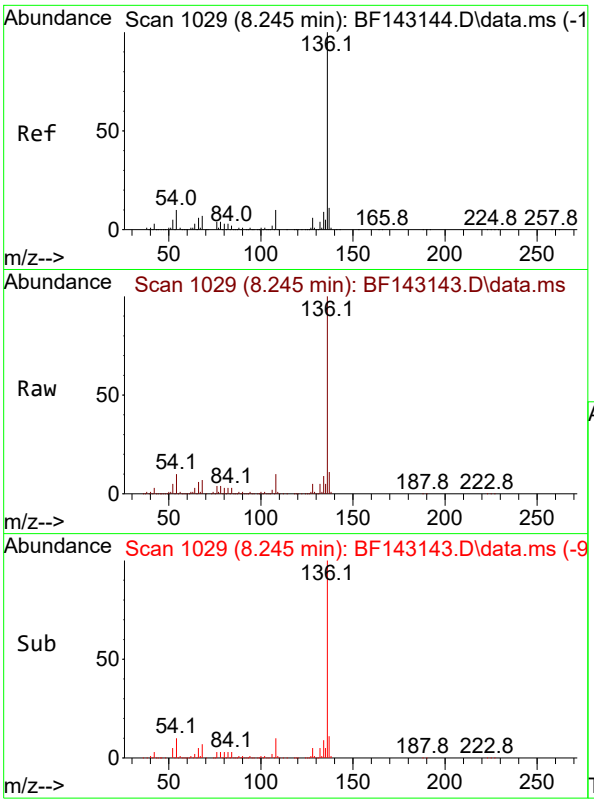



#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 70.0 | 110.0 |
| 77 | 70.4 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |

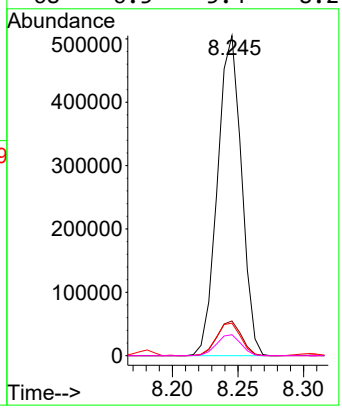





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:136 Resp: 64258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.5 | 5.4 | 8.2 |




**Instrument :**
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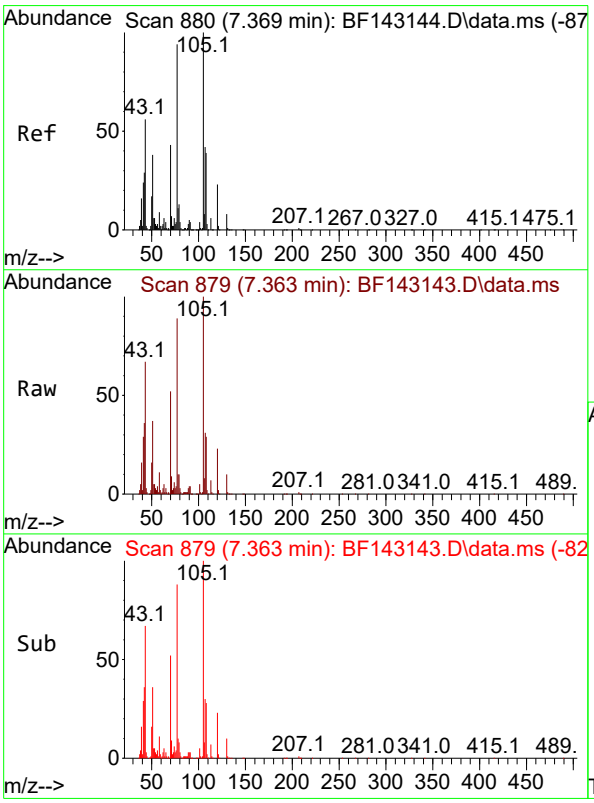
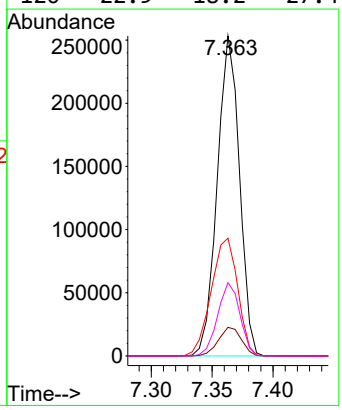
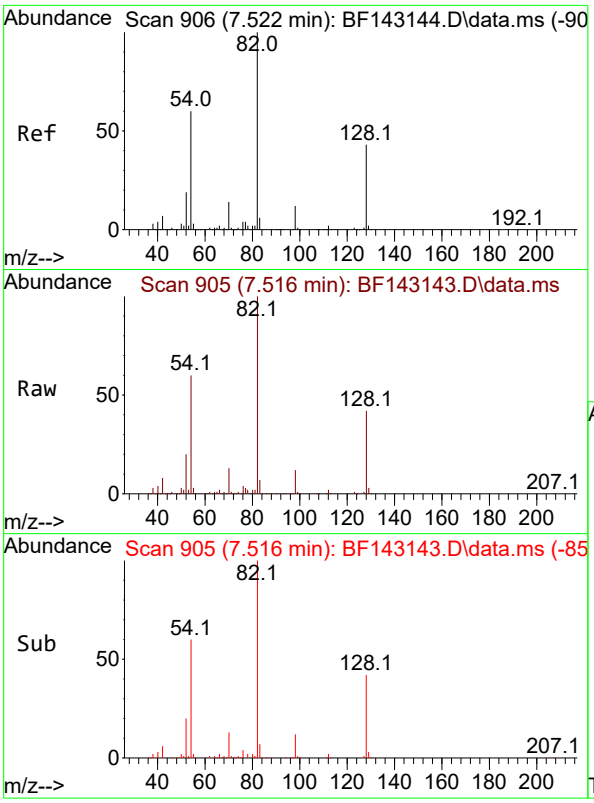



#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.0 | 5.8 | 8.6# |
| 51 | 36.8 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |

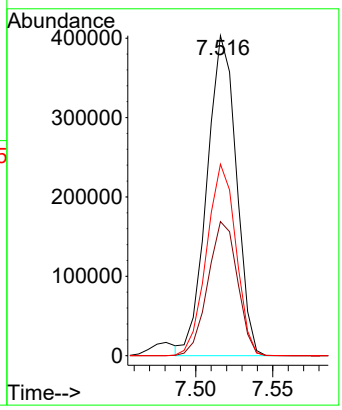





#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 53558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.9 | 33.6 | 50.4 |
| 54 | 59.8 | 47.1 | 70.7 |




**Instrument :**
BNA_F
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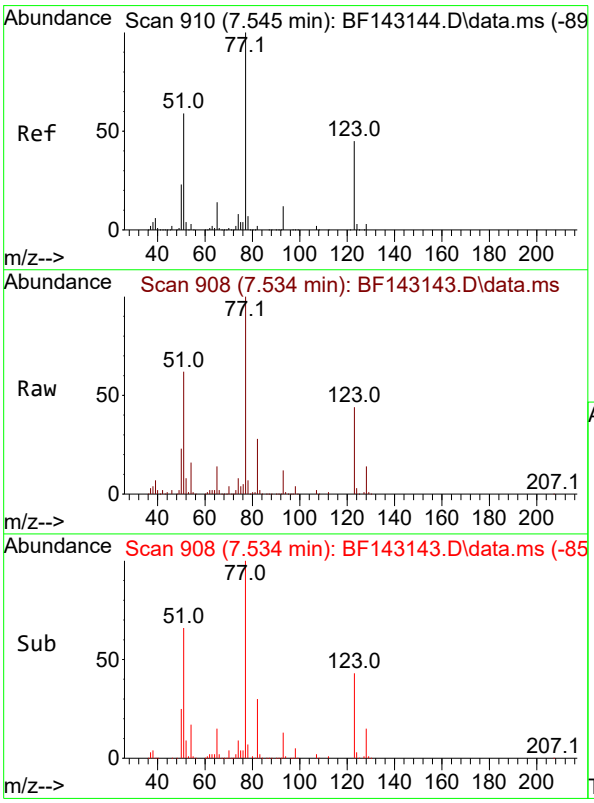
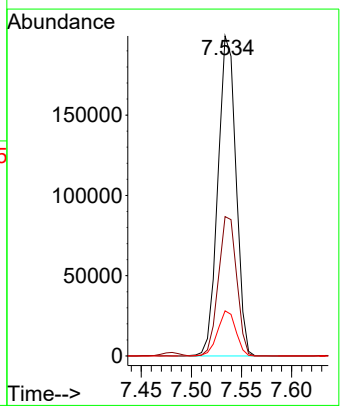
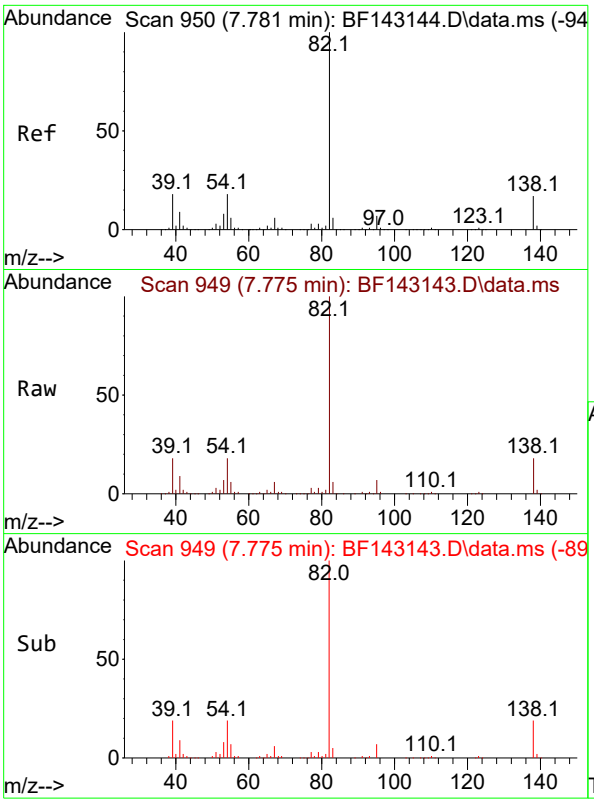



#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.1 | 11.4 | 17.2 |

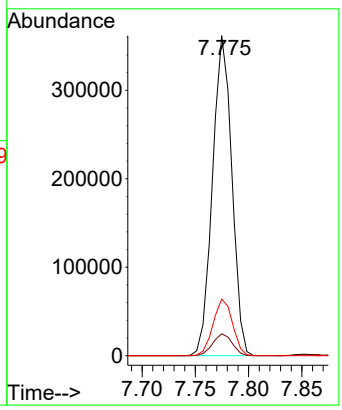





#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 82 Resp: 45714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 17.7 | 13.8 | 20.8 |




**Instrument :**
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**ClientSampleId :**
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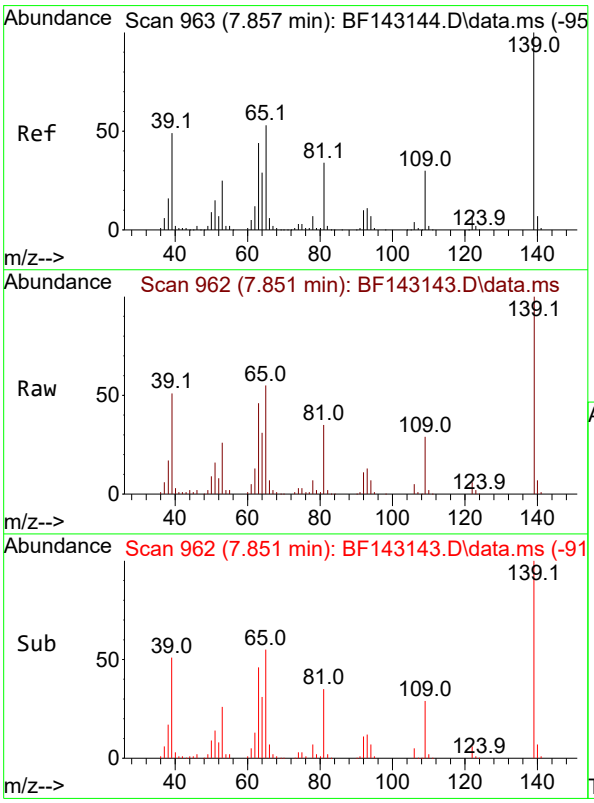
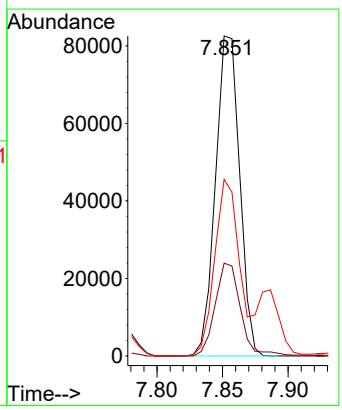
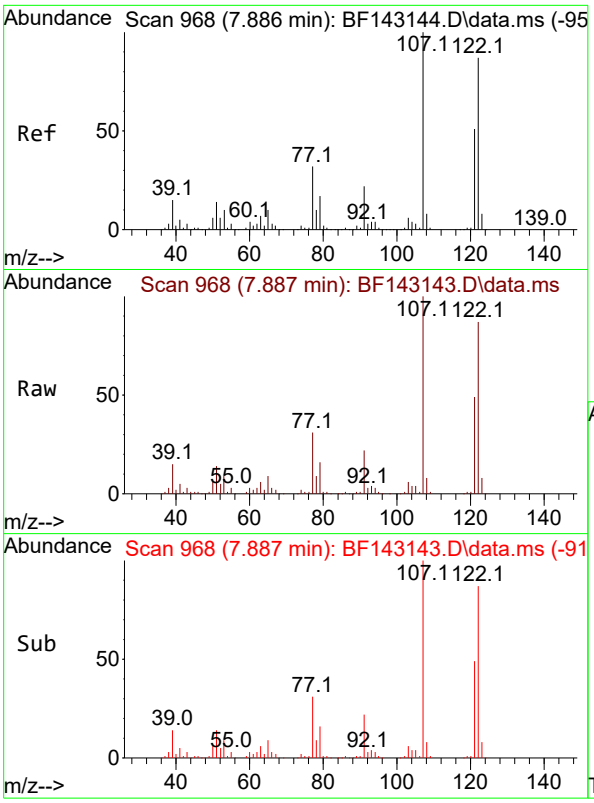



#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 55.2 | 42.6 | 64.0 |

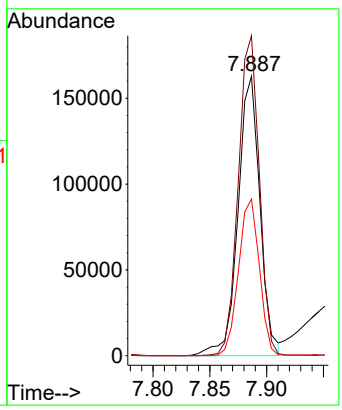





#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 21896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.5 | 91.8 | 137.6 |
| 121 | 56.1 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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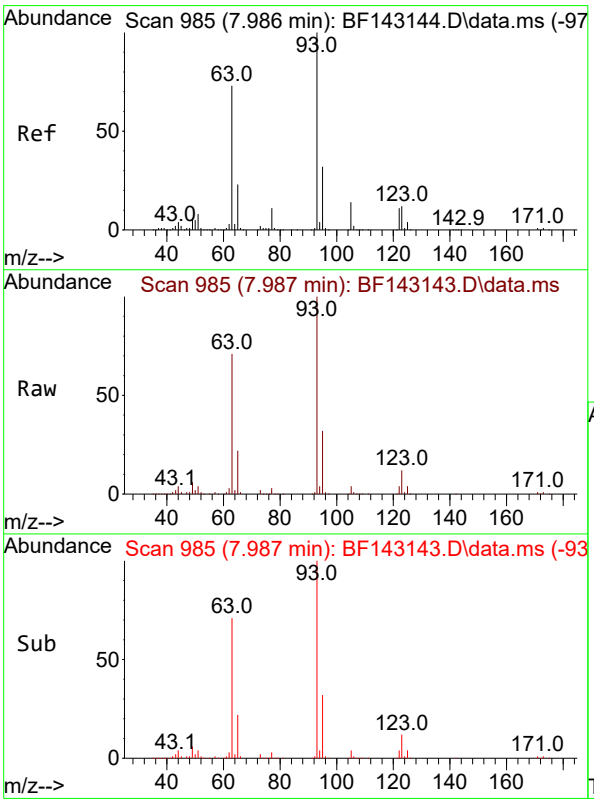
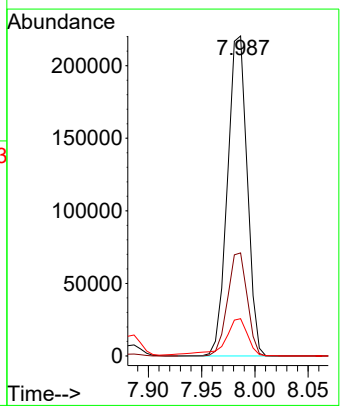
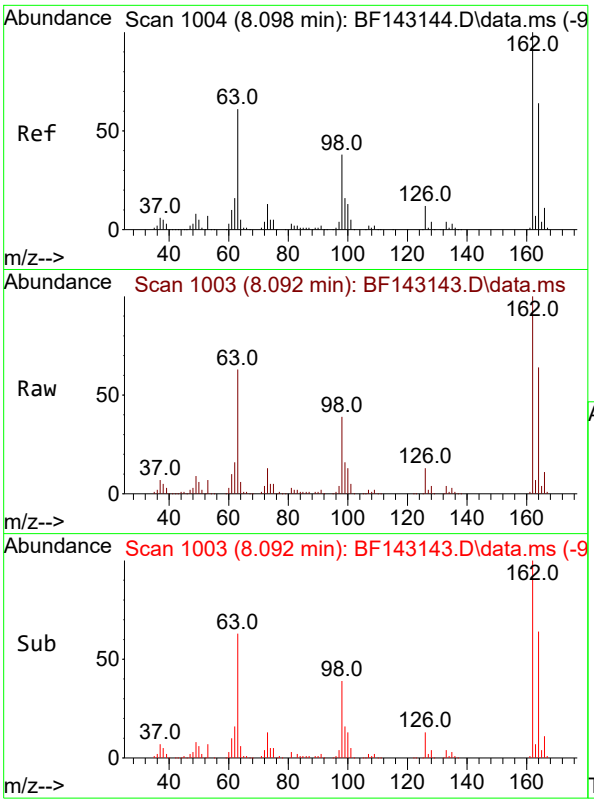



#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 11.6 | 9.7 | 14.5 |

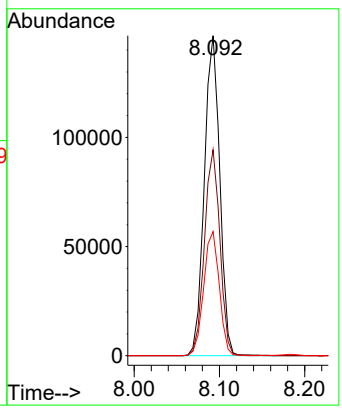





#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 18443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 44.2 | 84.2 |
| 98 | 38.8 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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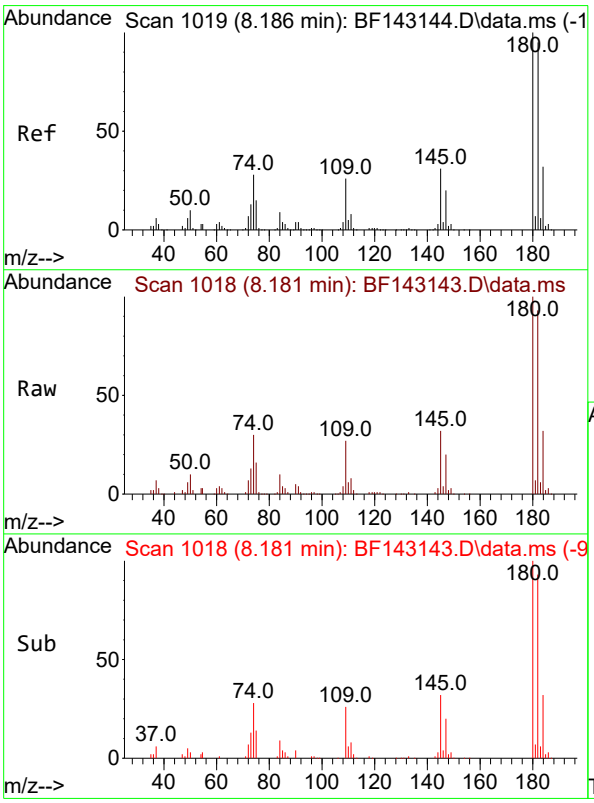
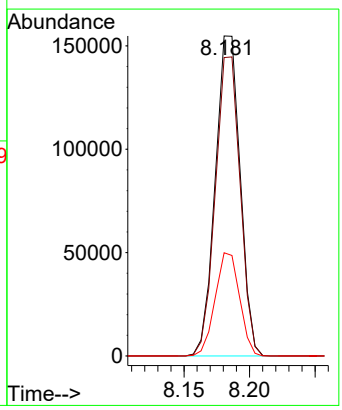
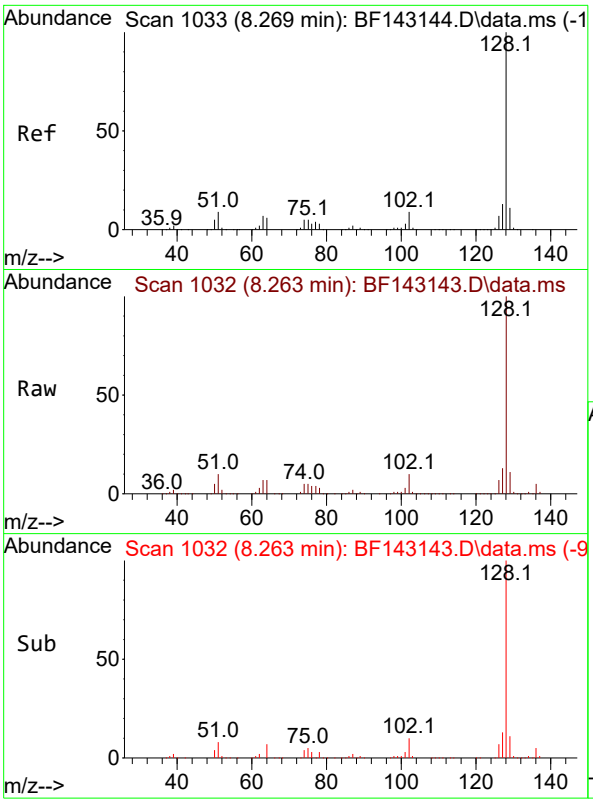



#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.3 | 76.2 | 114.2 |
| 145 | 32.2 | 25.0 | 37.6 |

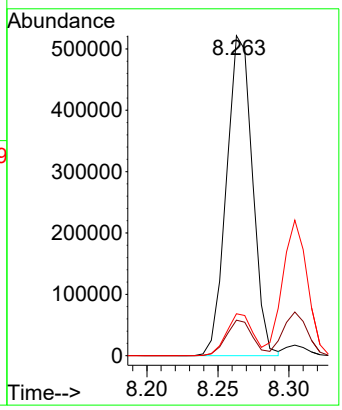





#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 66296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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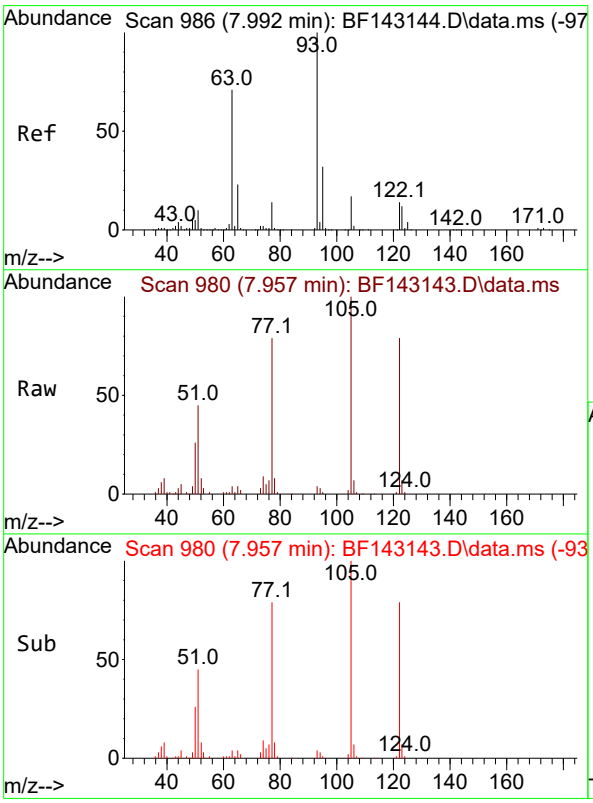
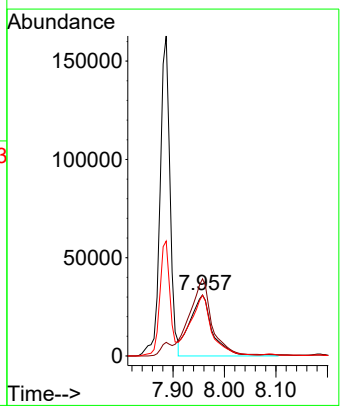
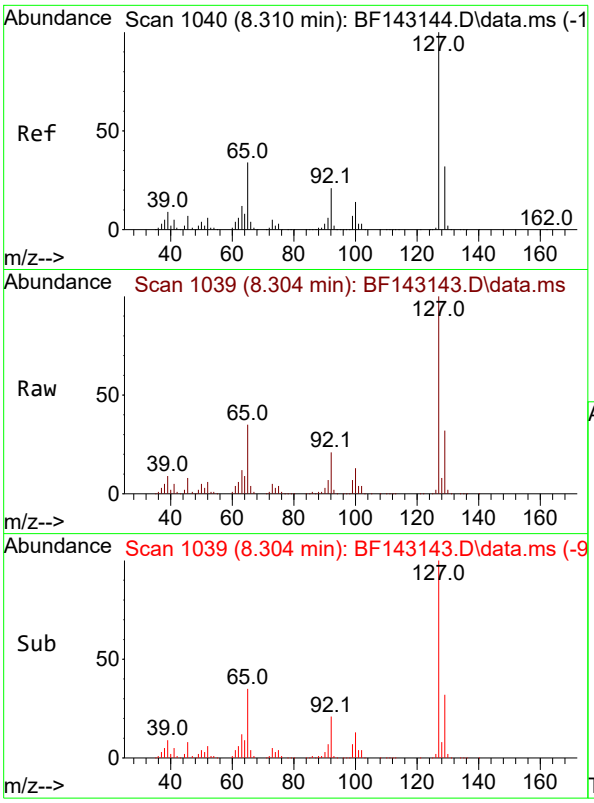



#32
Benzoic acid
Concen: 19.382 ng m
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 95515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.7 | 104.8 | 144.8 |
| 77 | 99.7 | 77.6 | 117.6 |

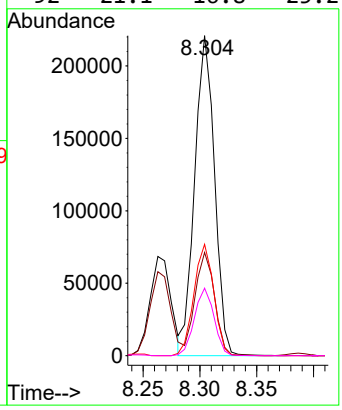





#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:127 Resp: 26910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.0 | 39.0 |
| 65 | 34.8 | 27.4 | 41.2 |
| 92 | 21.1 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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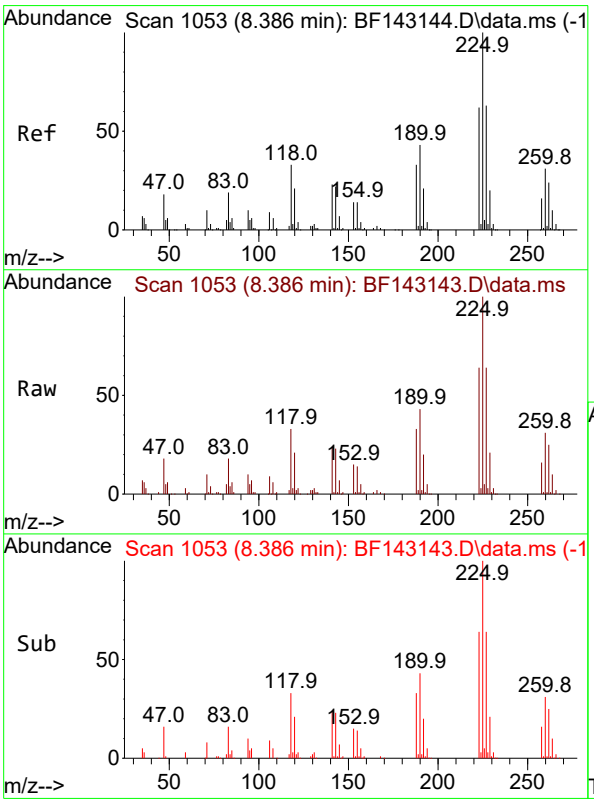
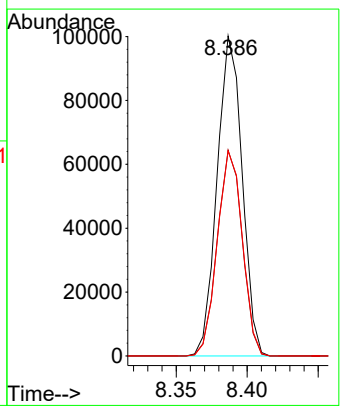
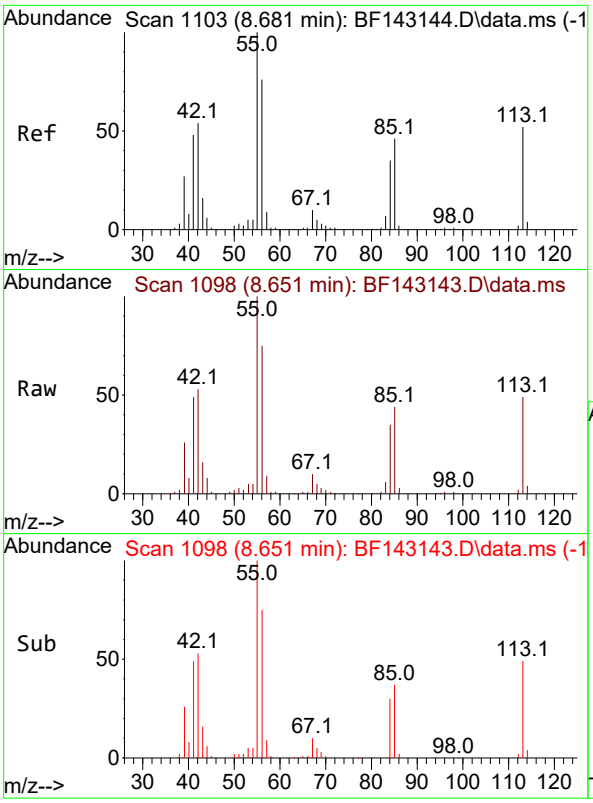



#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 49.8 | 74.6 |
| 227 | 64.1 | 50.2 | 75.4 |

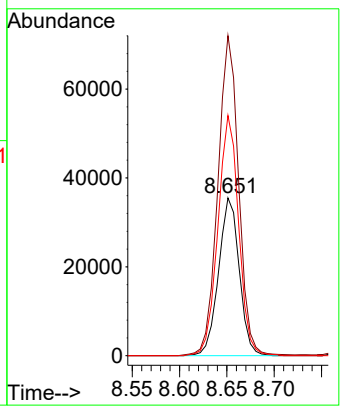





#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:113 Resp: 5395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 202.9 | 174.0 | 214.0 |
| 56 | 152.2 | 126.6 | 166.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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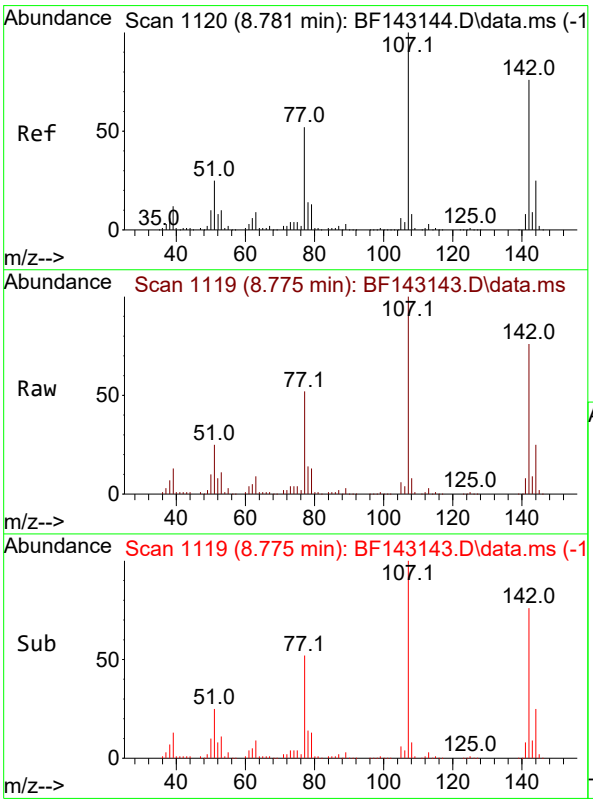
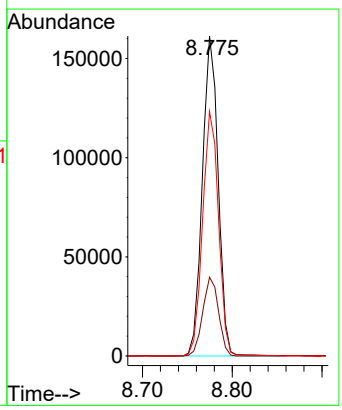
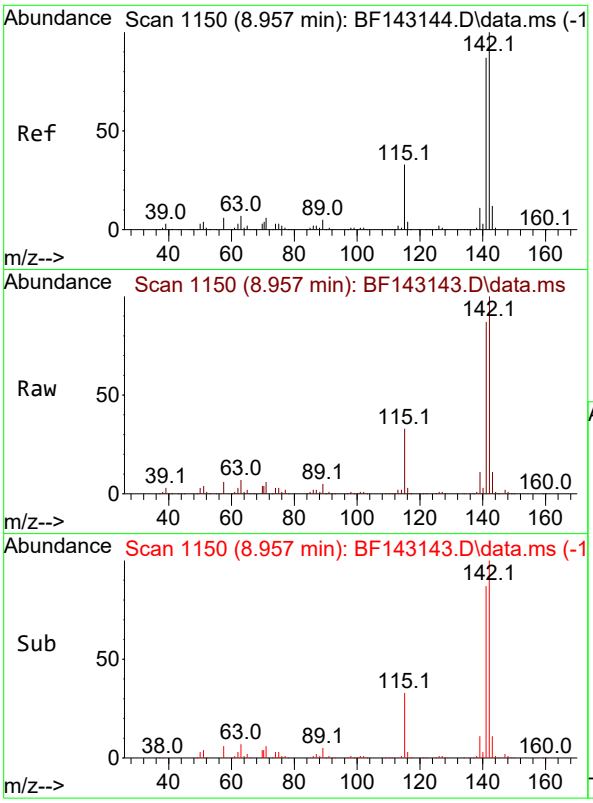



#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 19.8 | 29.6 |
| 142 | 76.4 | 60.6 | 90.8 |






#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 40329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 69.9 | 104.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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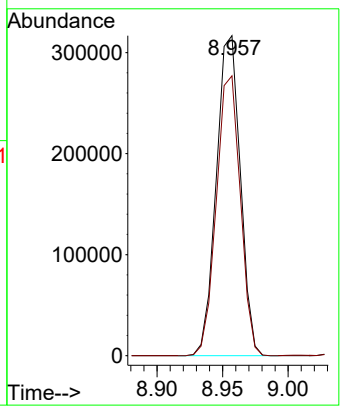
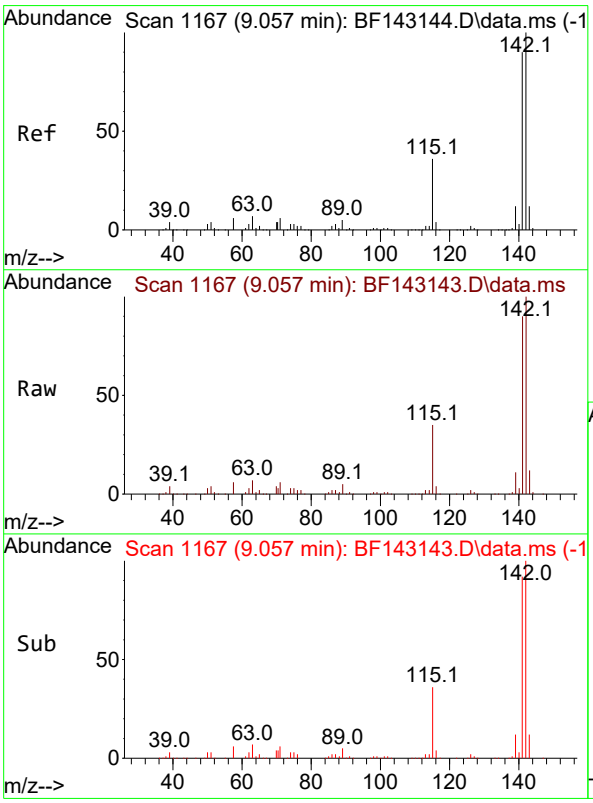
Supervised By :Jagrut Upadhyay 07/18/2025

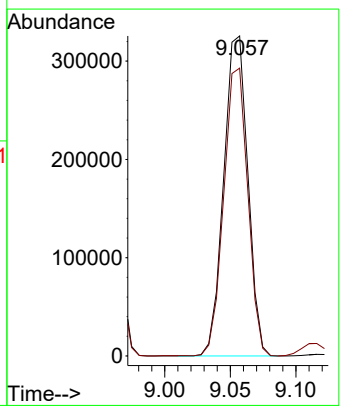


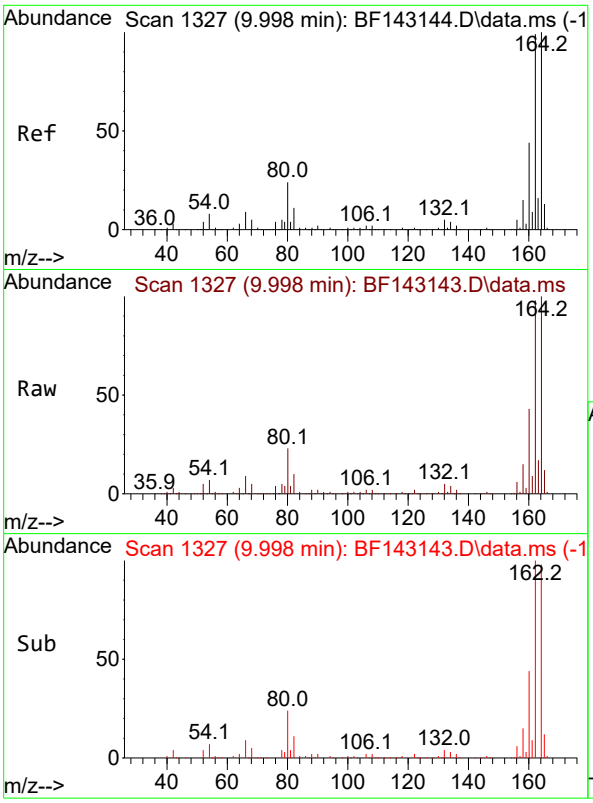




#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 72.3 | 108.5 |

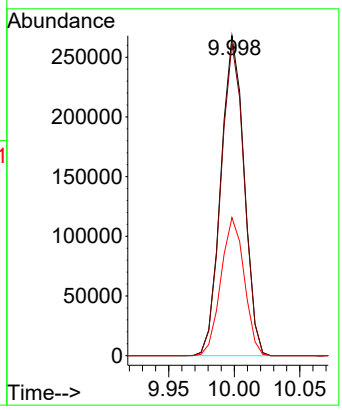





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:164 Resp: 32967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 79.0 | 118.6 |
| 160 | 43.2 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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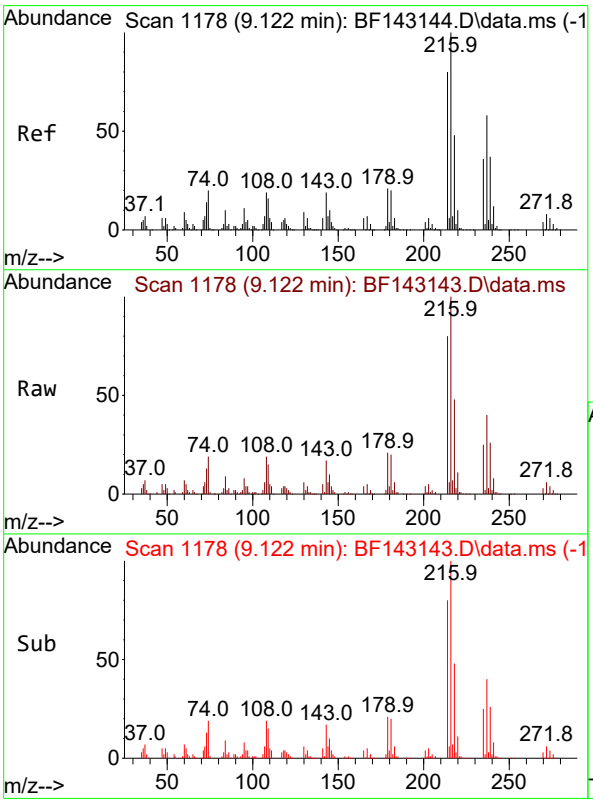
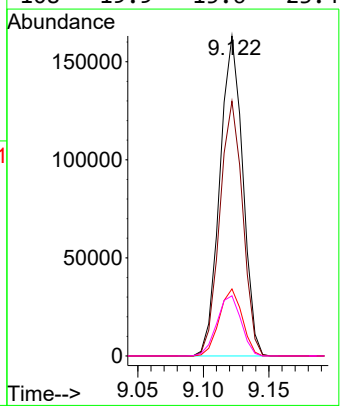
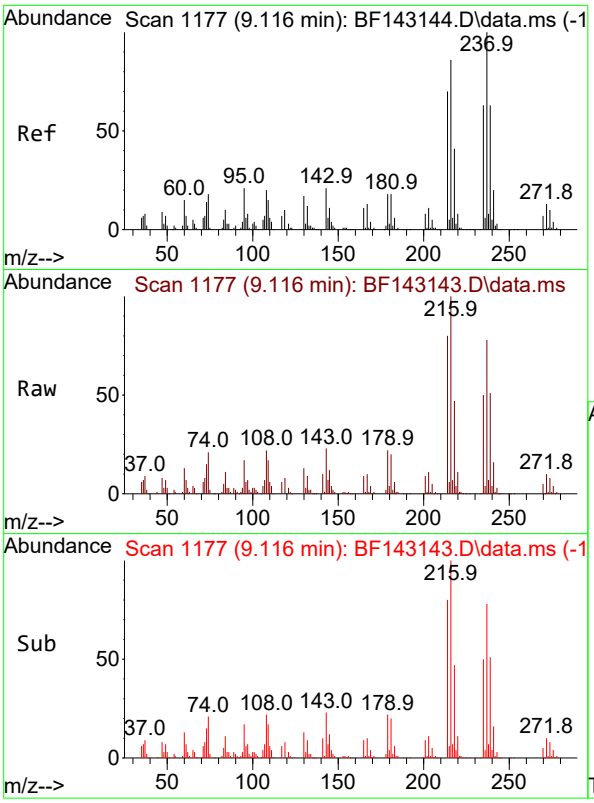



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.8 | 95.8 |
| 179 | 21.0 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |






#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:237 Resp: 12292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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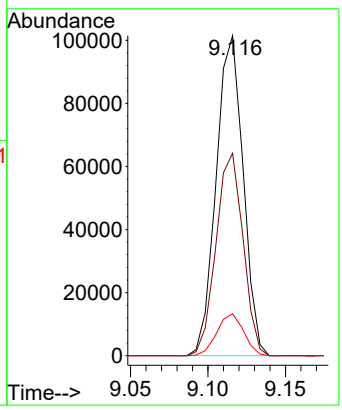
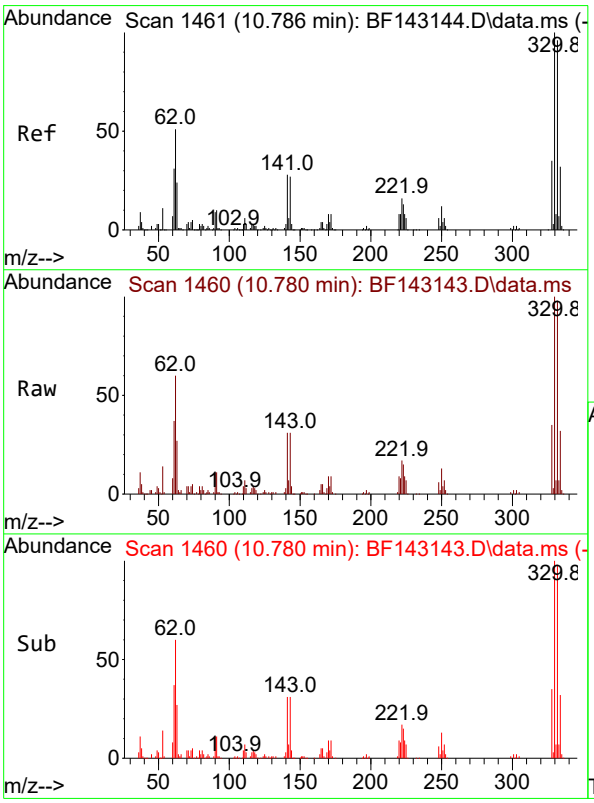
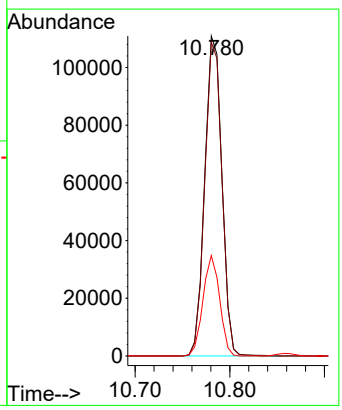


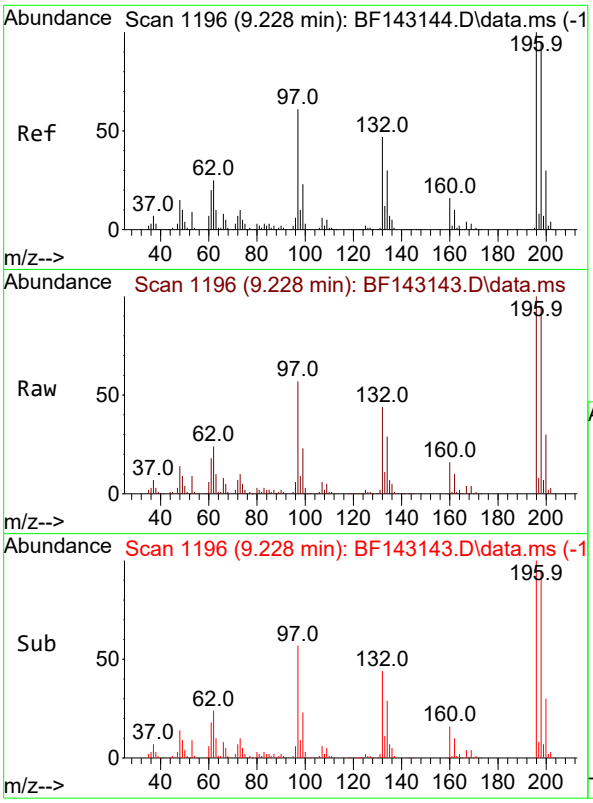




#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 76.7 | 115.1 |
| 141 | 30.4 | 23.3 | 34.9 |

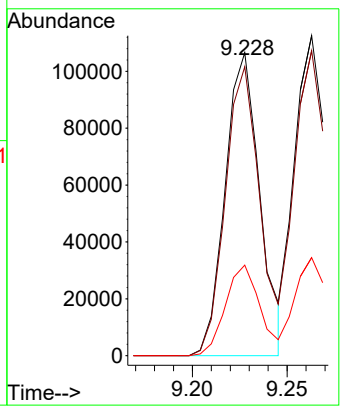





#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 13570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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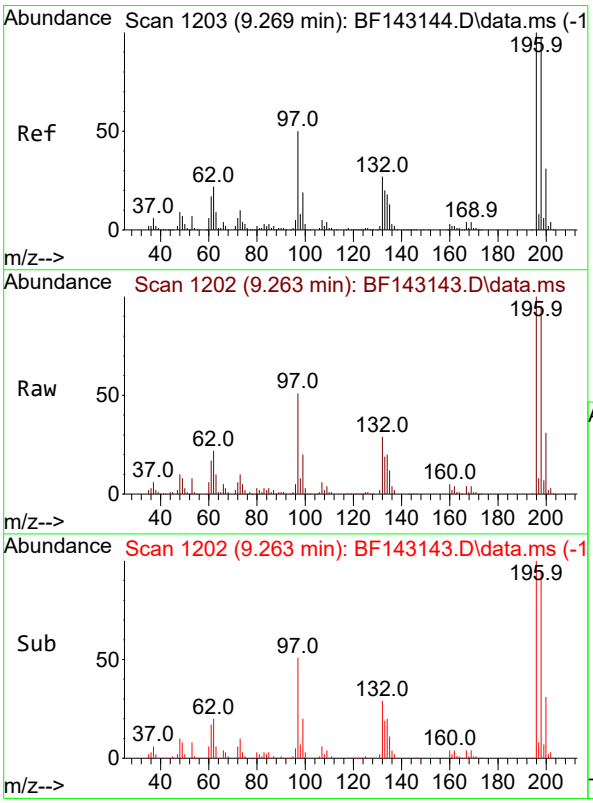
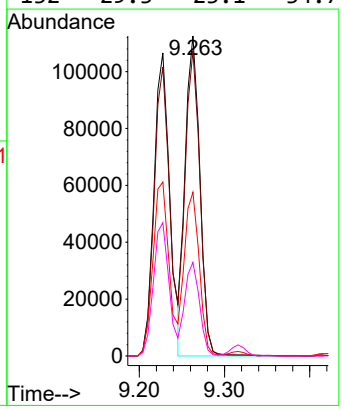
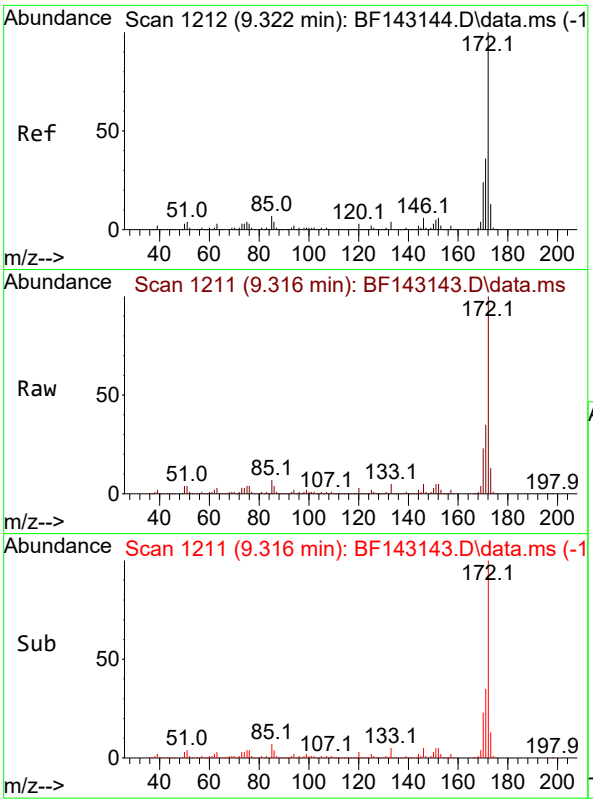



#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 77.3 | 115.9 |
| 97 | 51.2 | 40.3 | 60.5 |
| 132 | 29.3 | 23.1 | 34.7 |

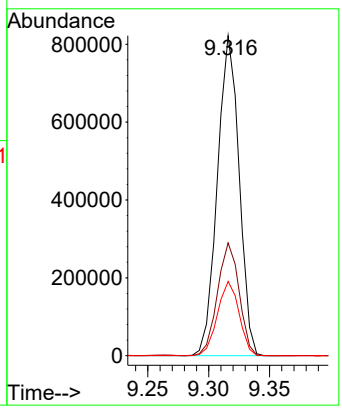





#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:172 Resp: 101968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.6 | 42.8 |
| 170 | 23.2 | 18.8 | 28.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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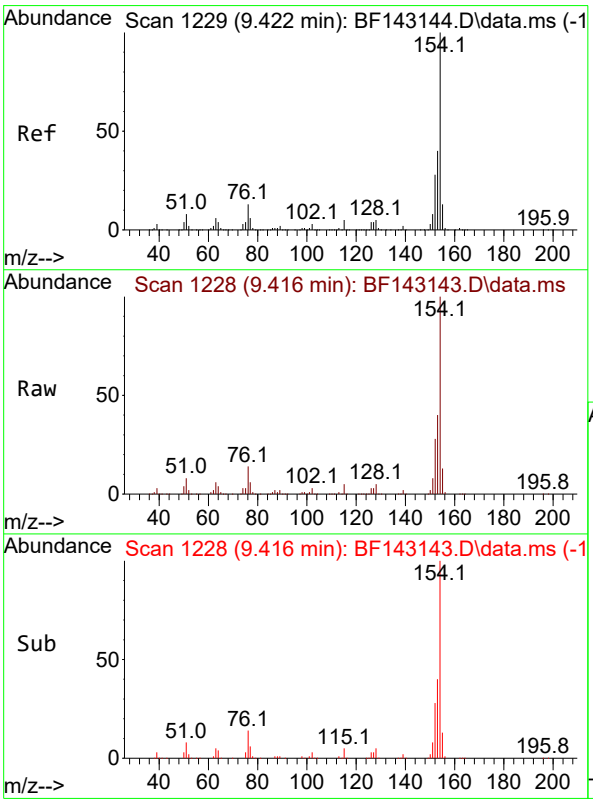
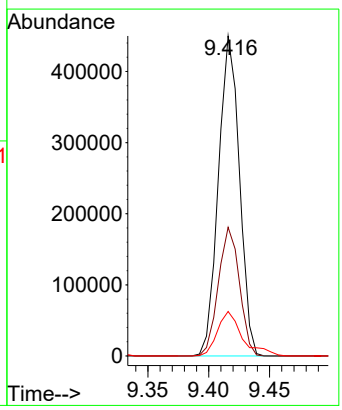
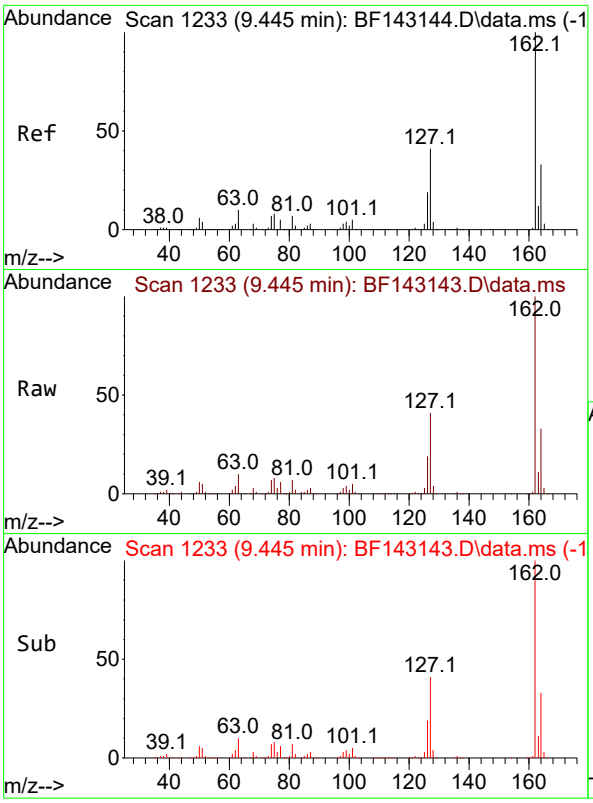



#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.9 | 0.0 | 33.3 |

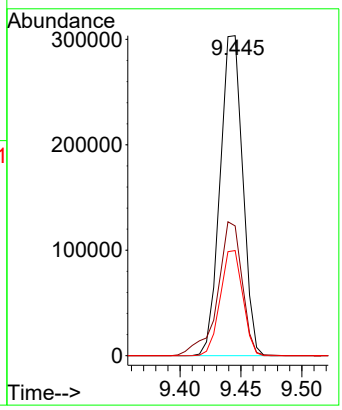





#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:162 Resp: 39300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.6 | 33.4 | 50.2 |
| 164 | 32.9 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

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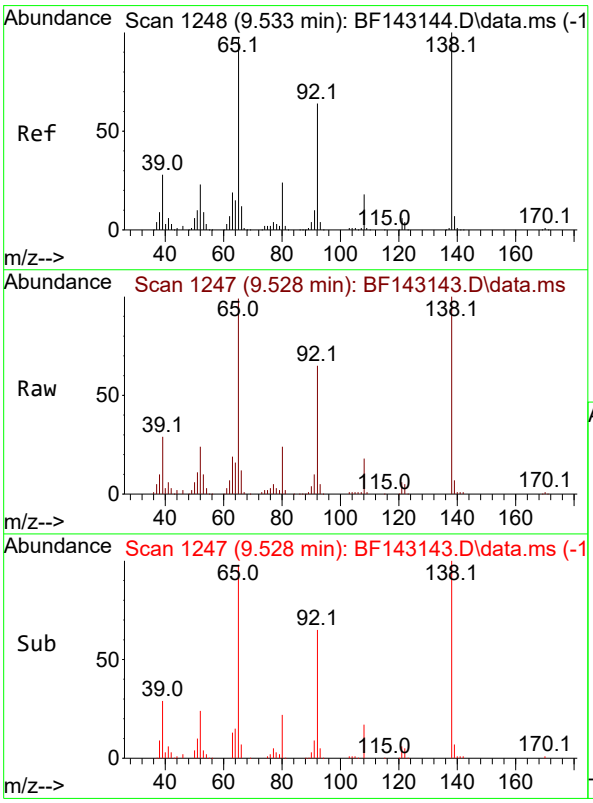
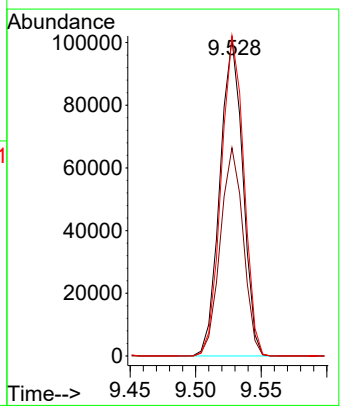
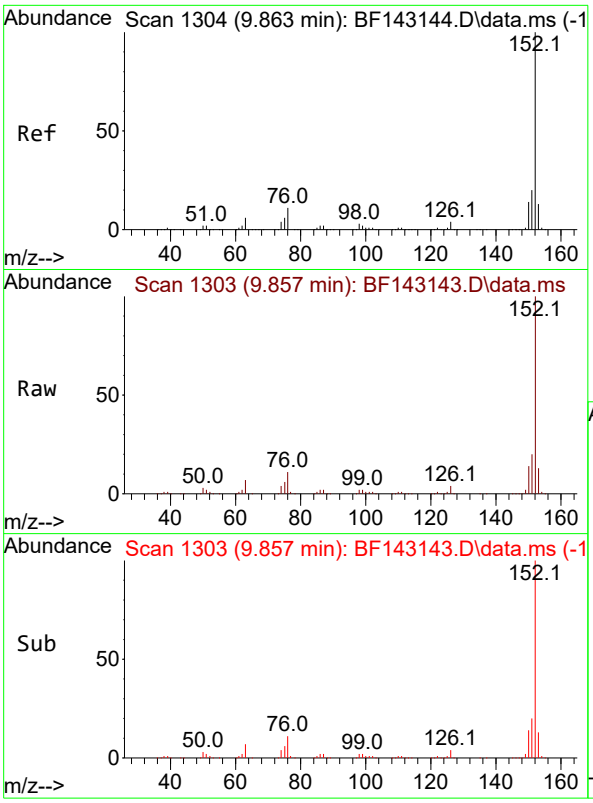



#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.6 | 52.4 | 78.6 |
| 138 | 100.8 | 82.3 | 123.5 |

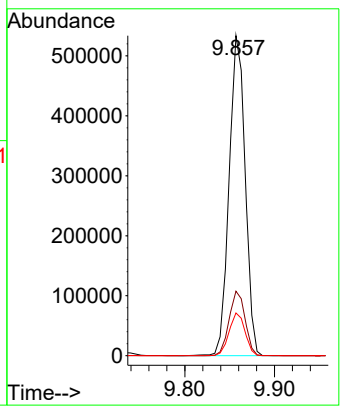





#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:152 Resp: 66304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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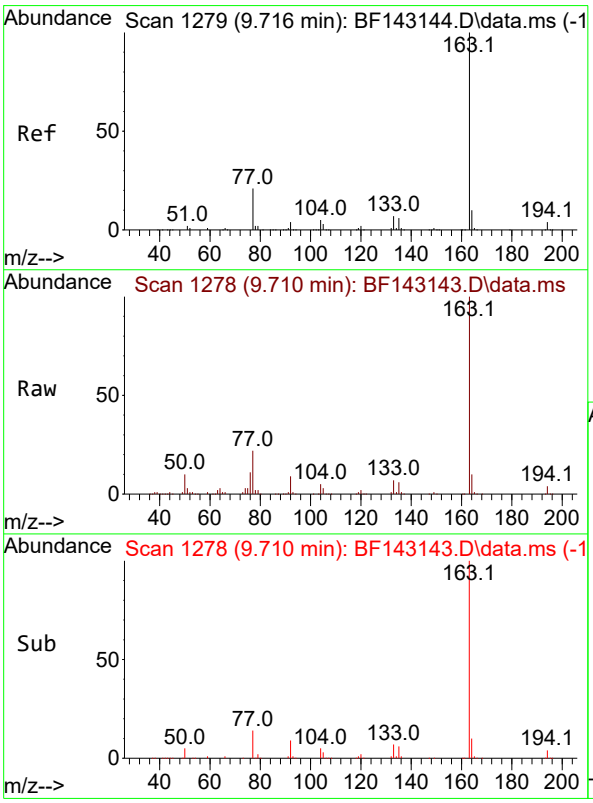
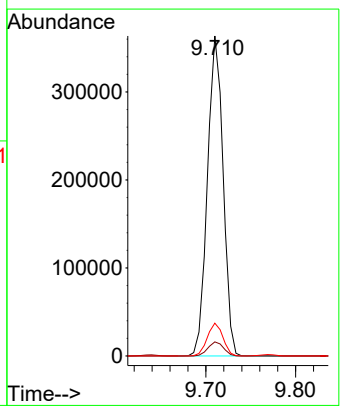
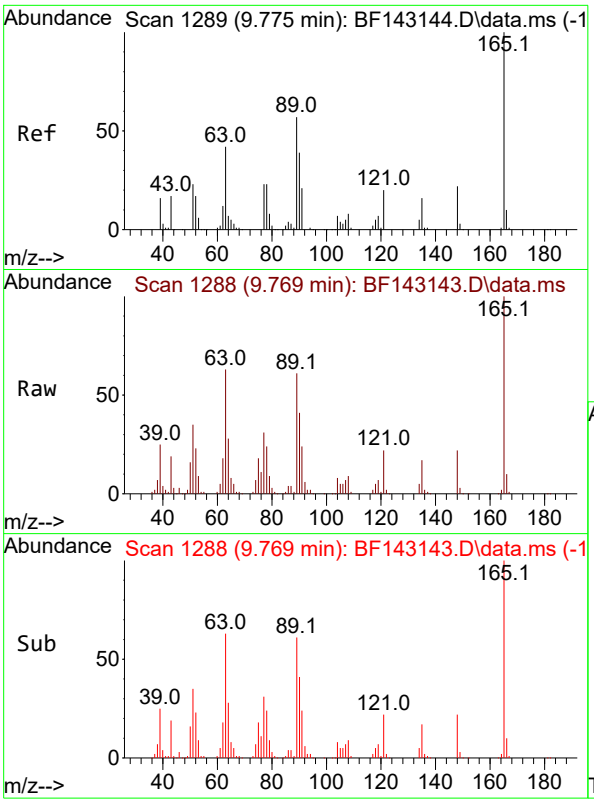



#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |

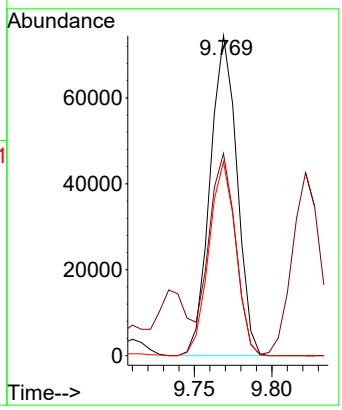





#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 8974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.2 | 49.4 | 74.2 |
| 89 | 60.6 | 46.2 | 69.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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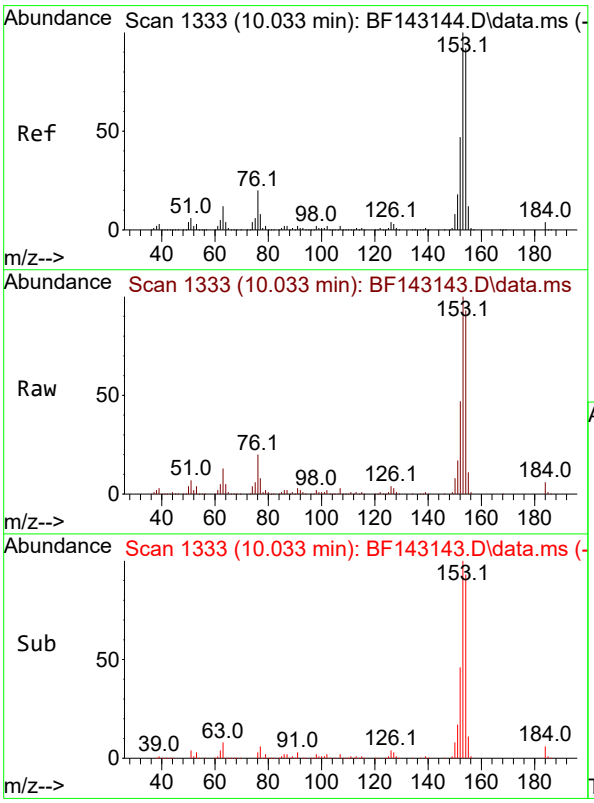
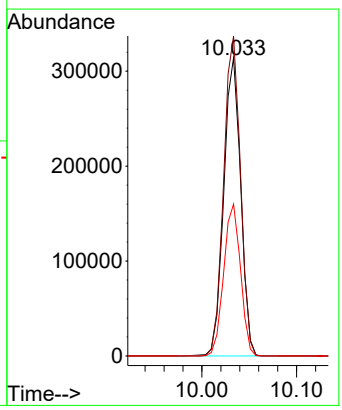
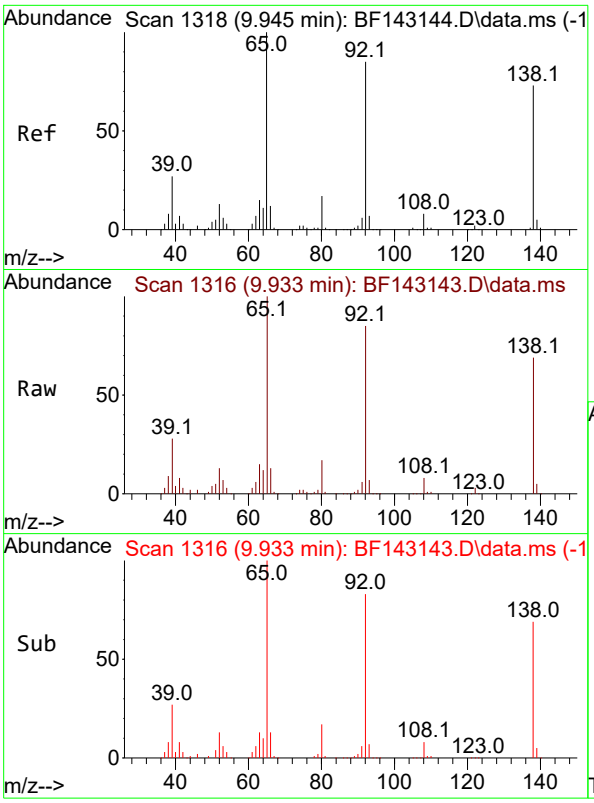



#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.3 | 86.6 | 129.8 |
| 152 | 50.9 | 40.4 | 60.6 |






#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 10387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.7 | 9.0 | 13.6 |
| 92 | 123.4 | 93.0 | 139.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

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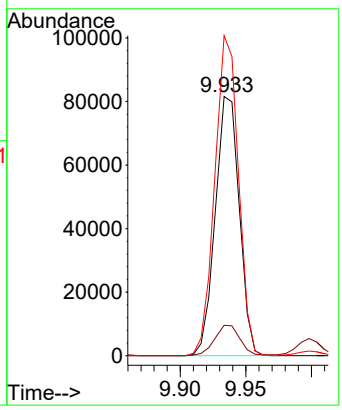
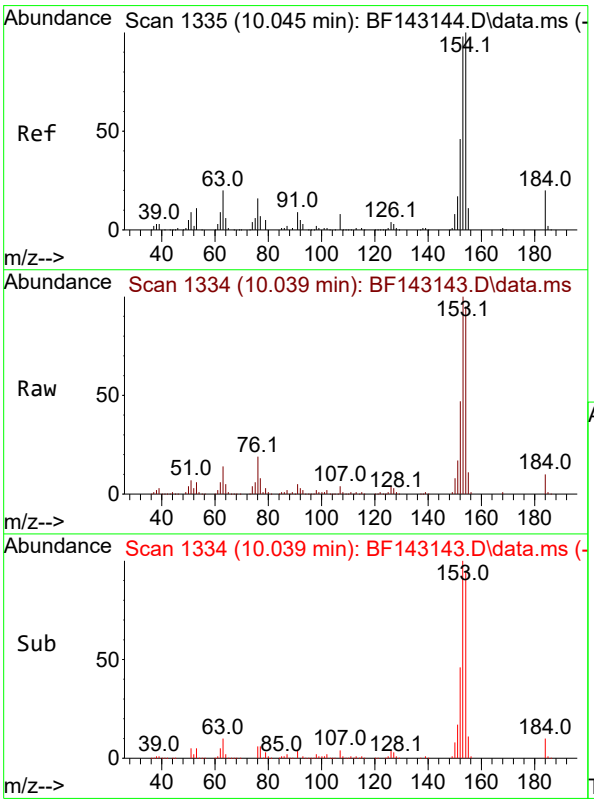
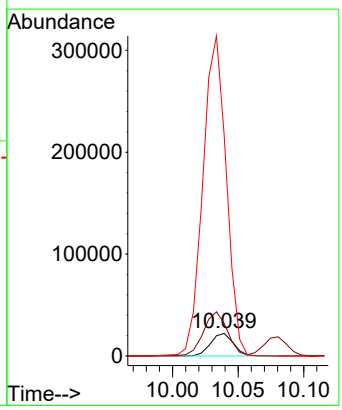


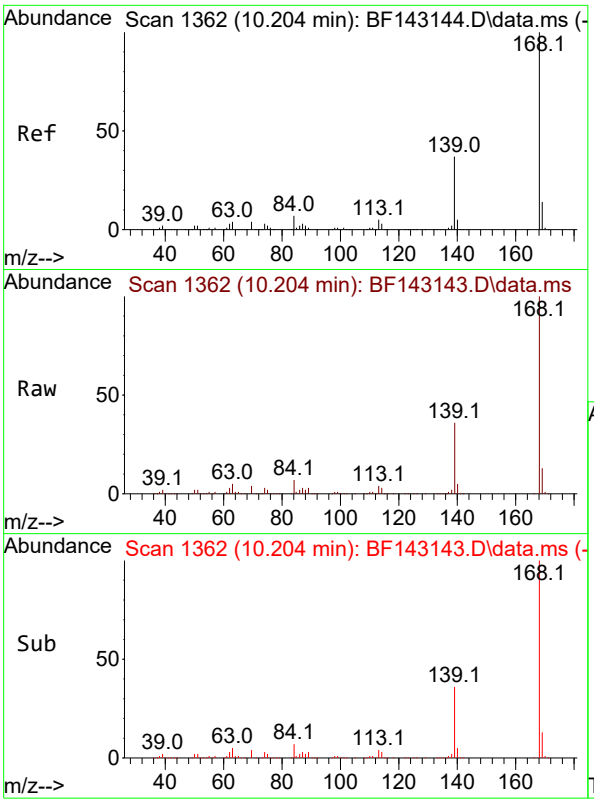




#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 145.3 | 81.8 | 122.6# |
| 154 | 980.0 | 412.2 | 618.4# |

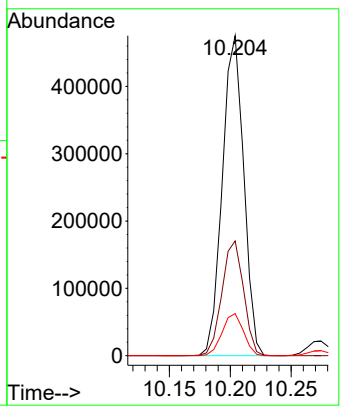





#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:168 Resp: 58232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 29.5 | 44.3 |
| 169 | 13.1 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
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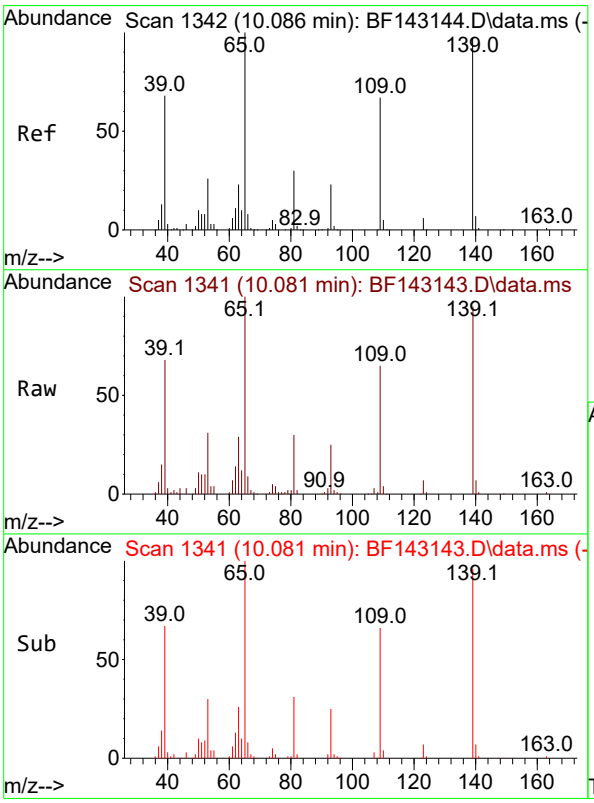
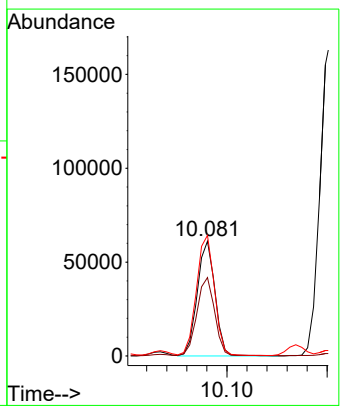
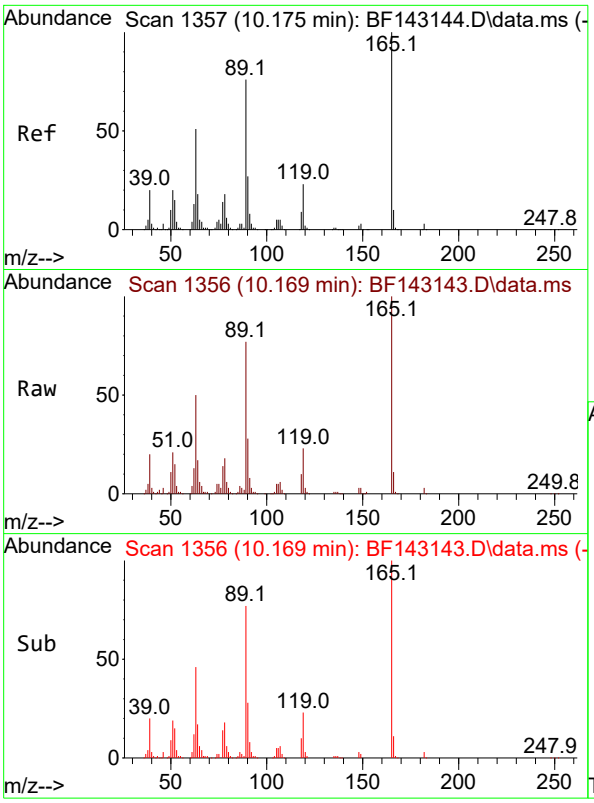



#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.3 | 48.5 | 88.5 |
| 65 | 105.1 | 83.4 | 123.4 |

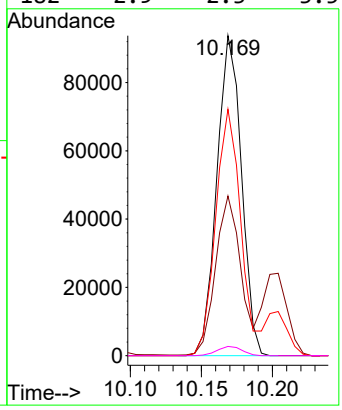





#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:165 Resp: 11285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.9 | 41.0 | 61.4 |
| 89 | 77.0 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |

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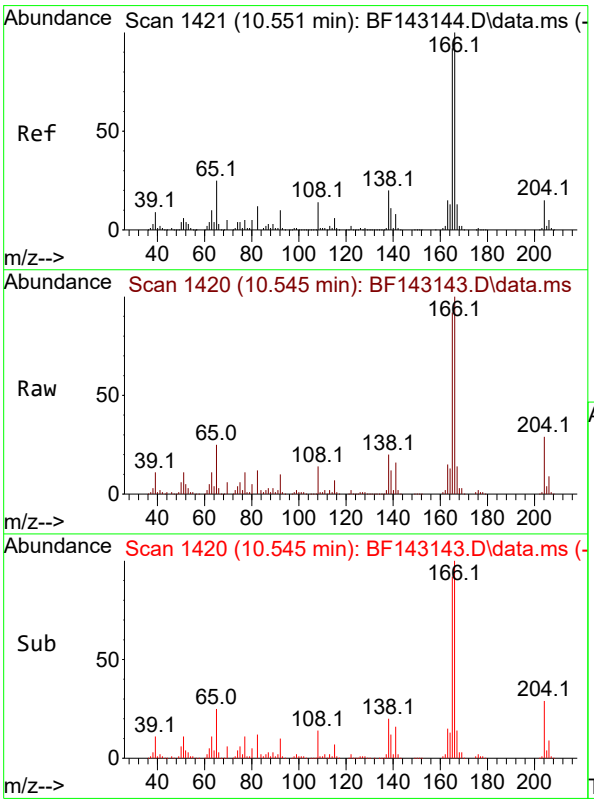
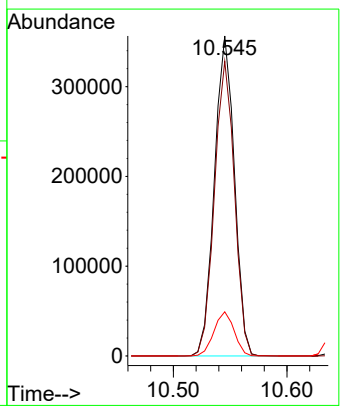
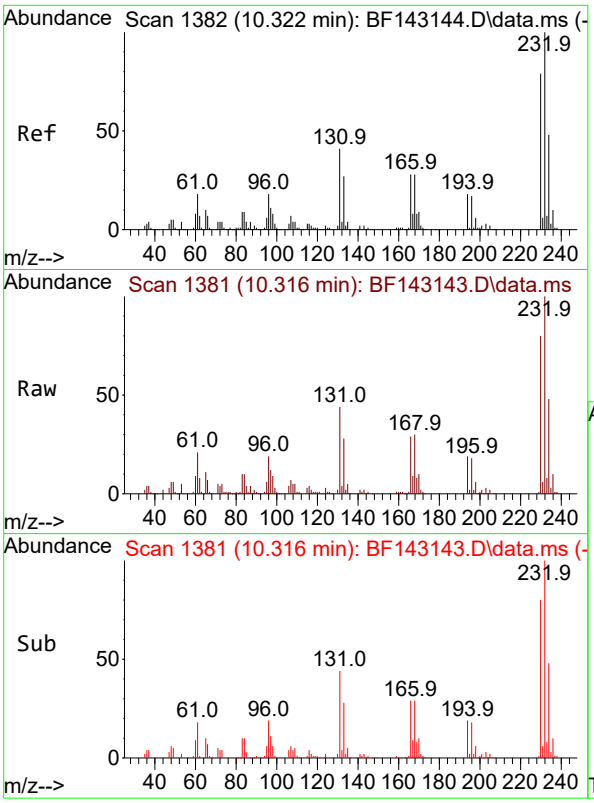



#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.8 | 10.6 | 16.0 |

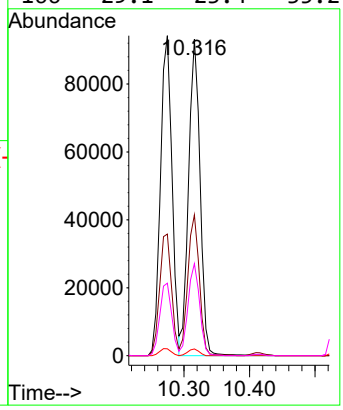





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:232 Resp: 11385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.3 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 29.1 | 23.4 | 35.2 |




**Instrument :**
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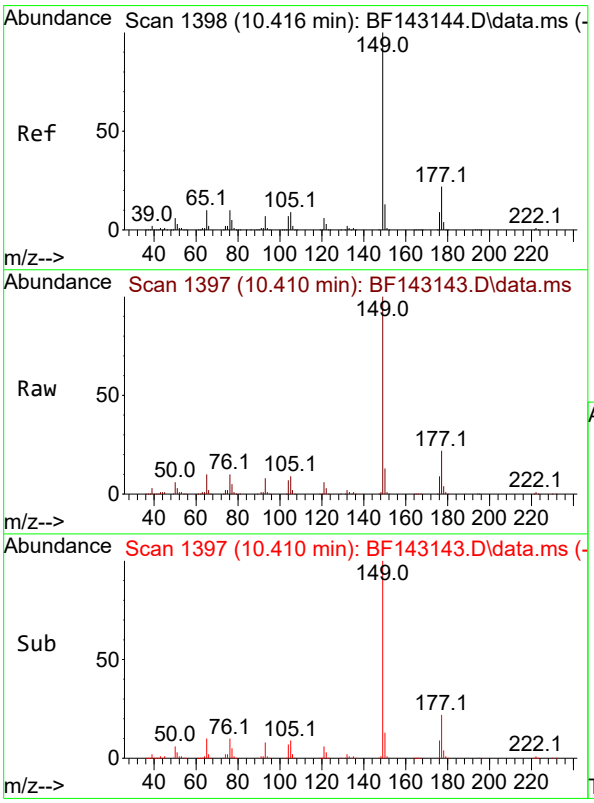
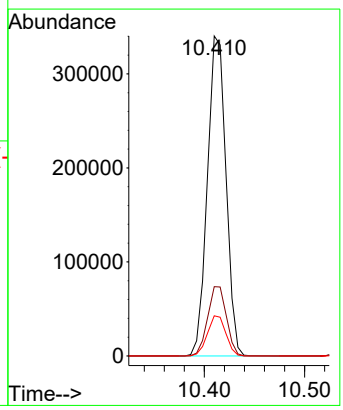
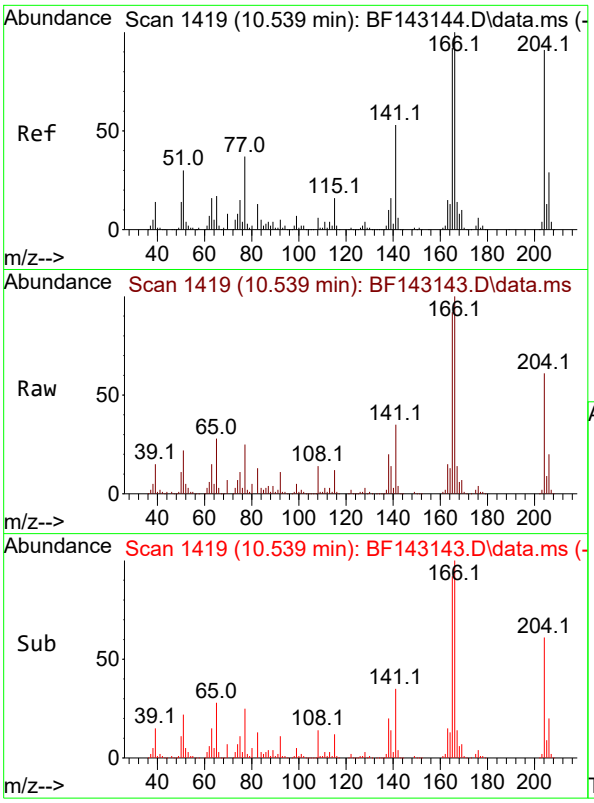



#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |

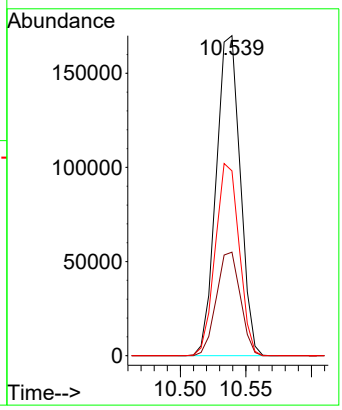





#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:204 Resp: 21649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 57.8 | 47.0 | 70.4 |




**Instrument :**
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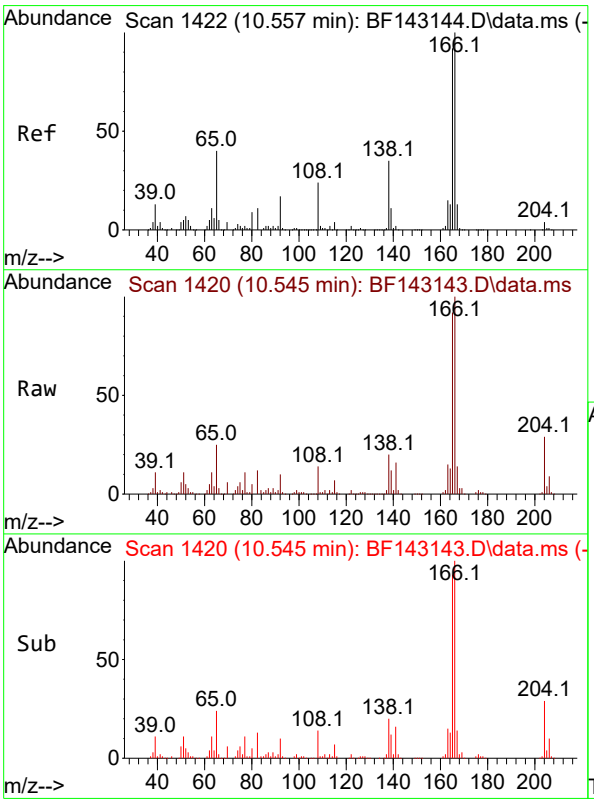
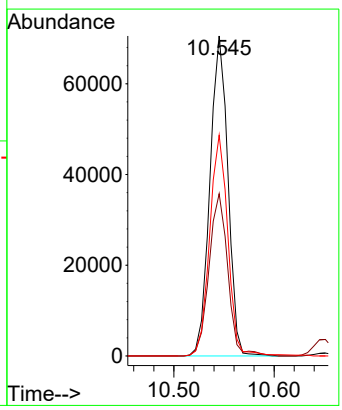
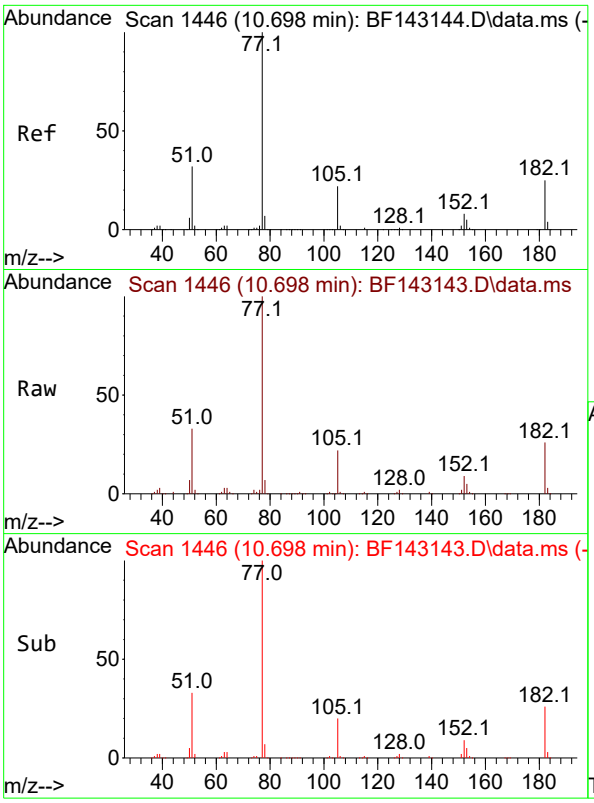



#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 29.3 | 69.3 |
| 108 | 69.0 | 48.3 | 88.3 |

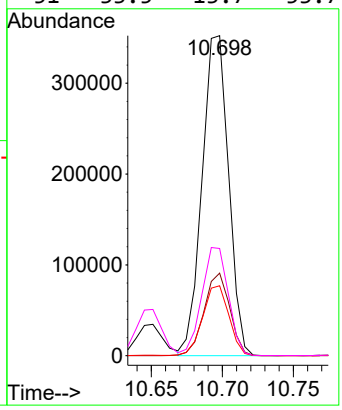





#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 45801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.8 | 4.6 | 44.6 |
| 105 | 21.8 | 1.4 | 41.4 |
| 51 | 33.5 | 13.7 | 53.7 |




**Instrument :**
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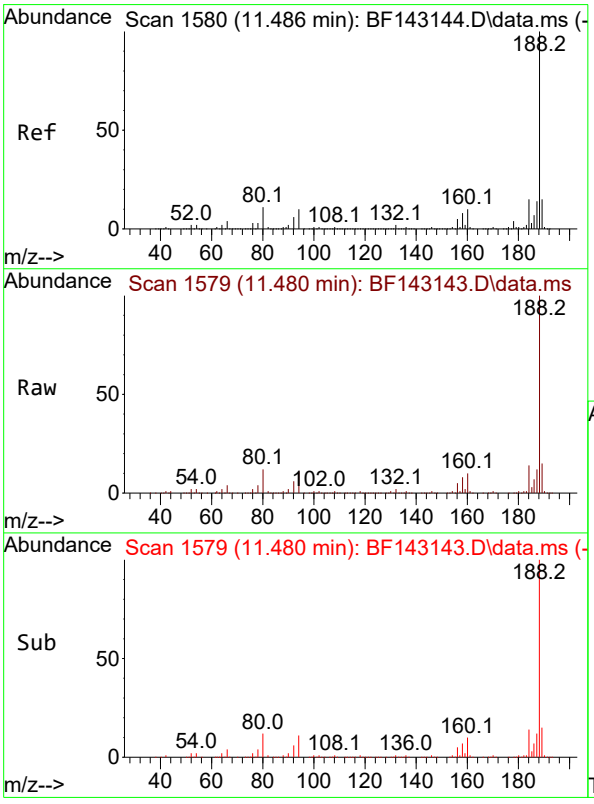
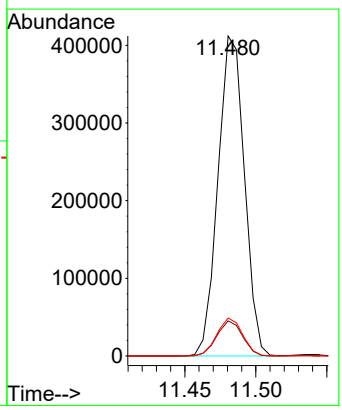
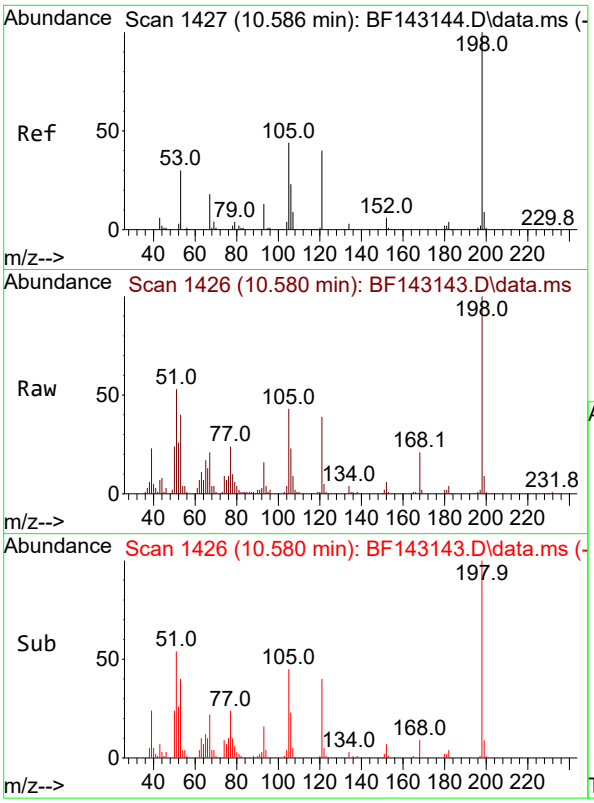



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 8.3 | 12.5 |
| 80 | 11.9 | 9.0 | 13.6 |

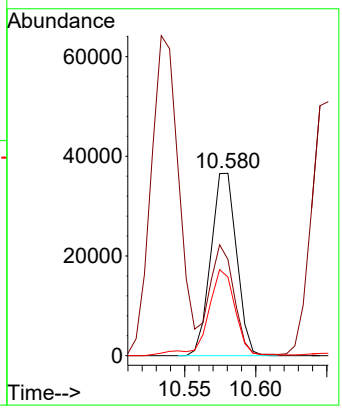





#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:198 Resp: 4612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.7 | 37.2 | 77.2 |
| 105 | 43.1 | 24.8 | 64.8 |




**Instrument :**
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**ClientSampleId :**
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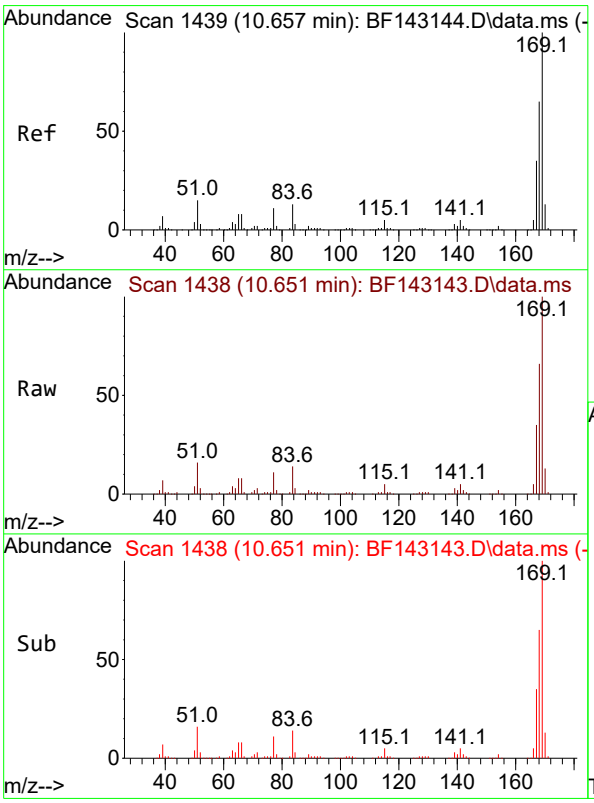
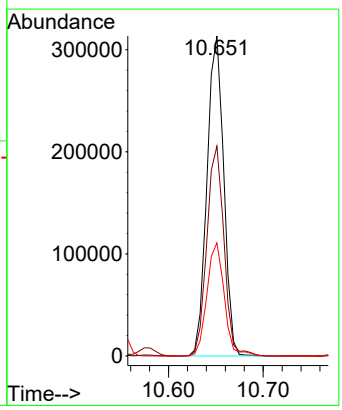
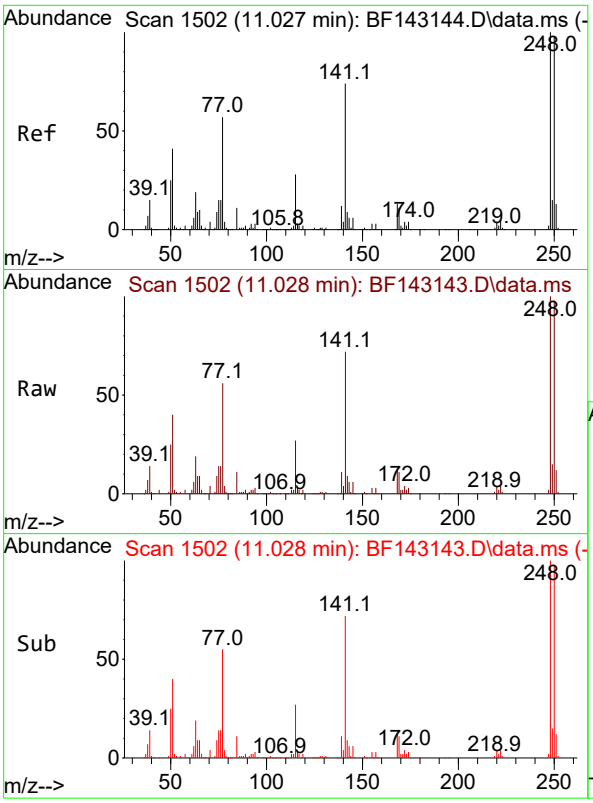



#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 52.1 | 78.1 |
| 167 | 35.4 | 28.2 | 42.2 |

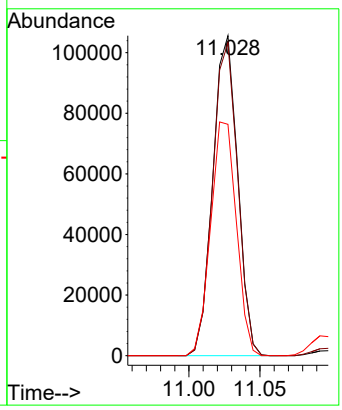





#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:248 Resp: 12866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 78.3 | 117.5 |
| 141 | 72.3 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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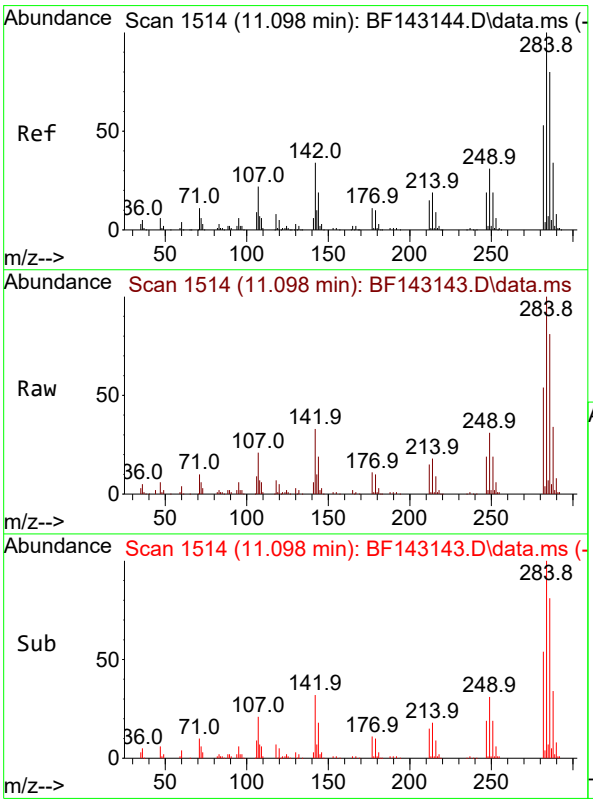
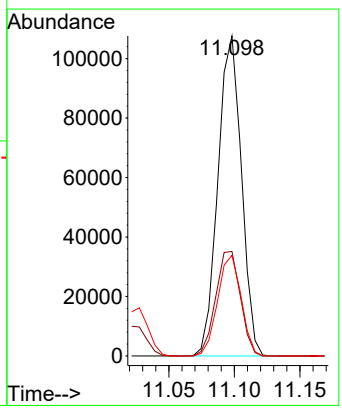
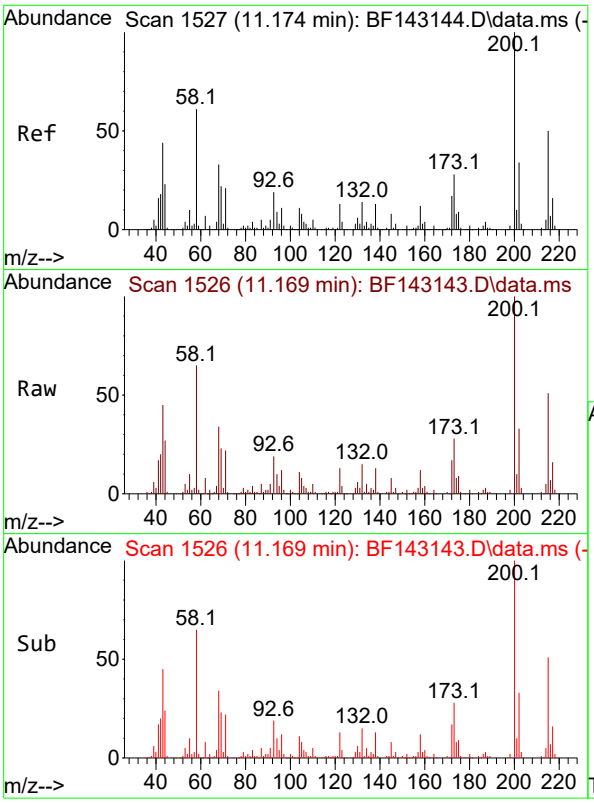



#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.7 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |

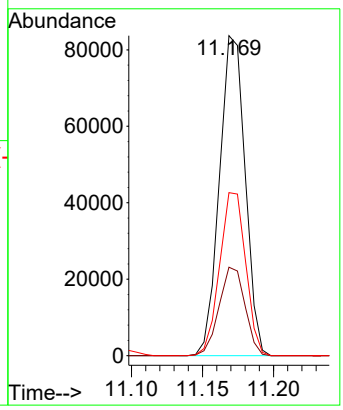





#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:200 Resp: 10538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.7 | 7.9 | 47.9 |
| 215 | 51.0 | 30.1 | 70.1 |




**Instrument :**
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SSTDICC020

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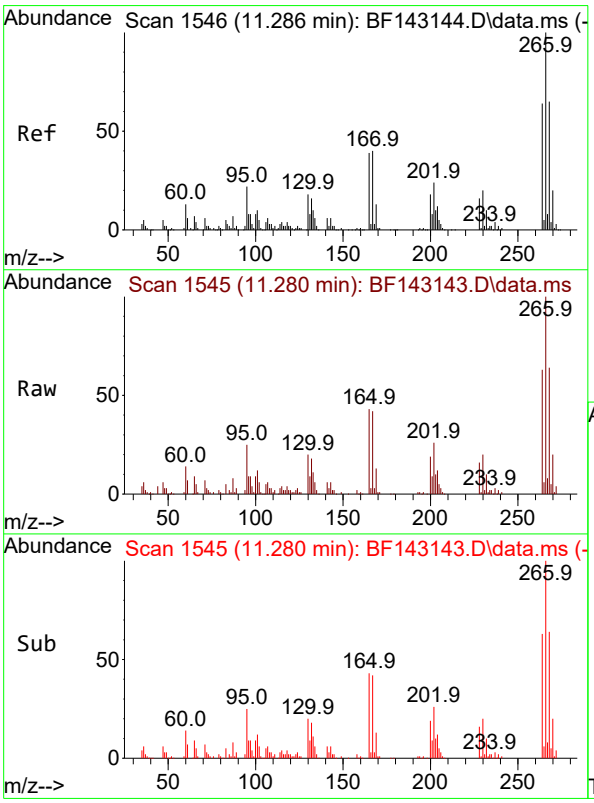
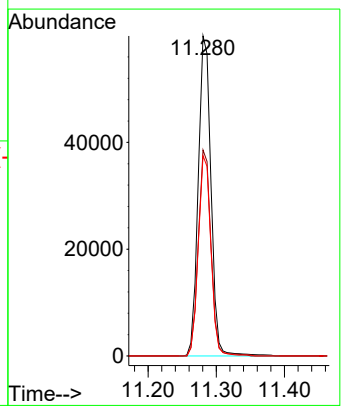
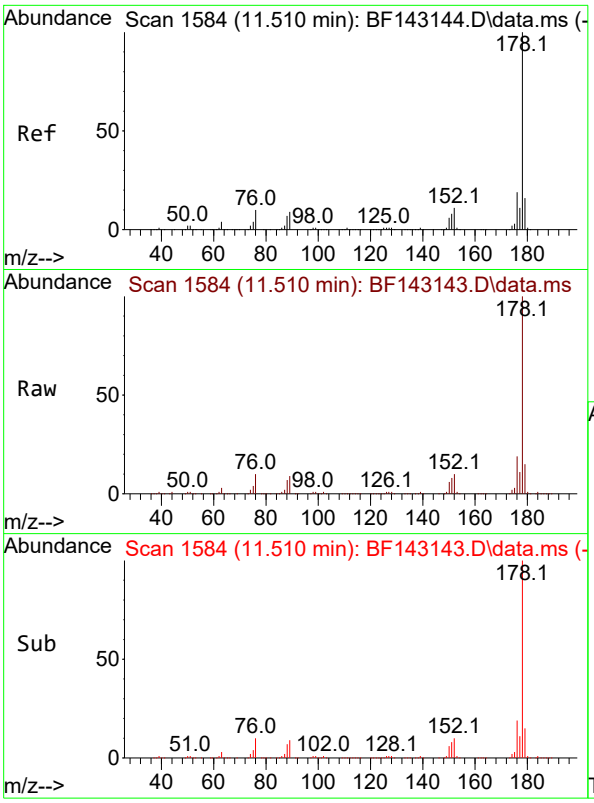



#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.9 | 77.9 |
| 264 | 62.6 | 51.0 | 76.6 |

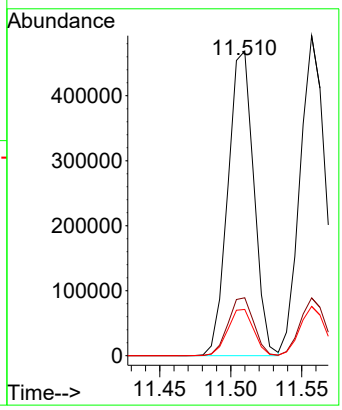





#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 59541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.2 | 12.5 | 18.7 |




**Instrument :**
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SSTDICC020

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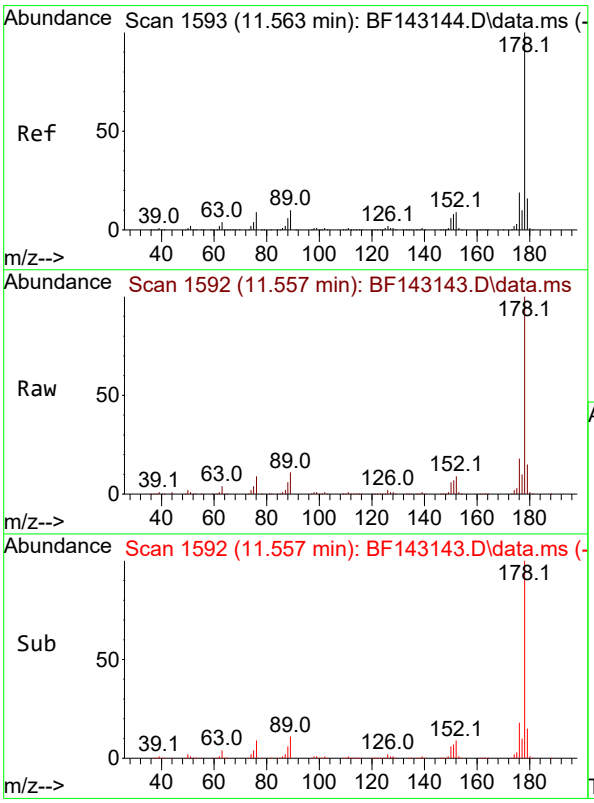
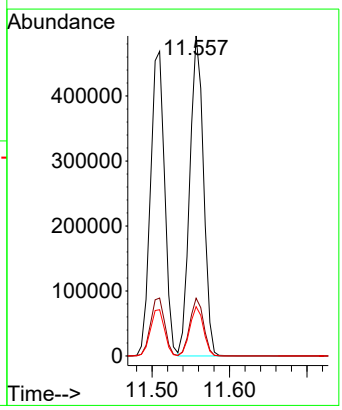
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

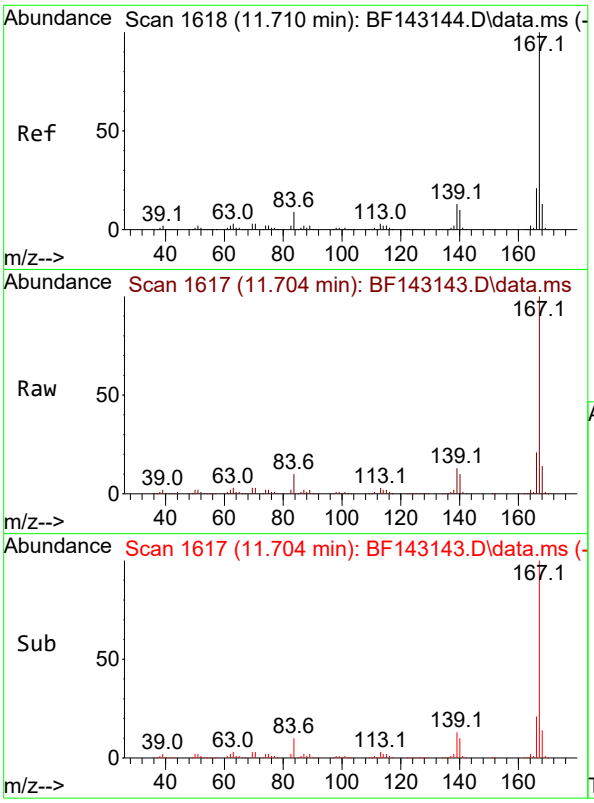



#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |

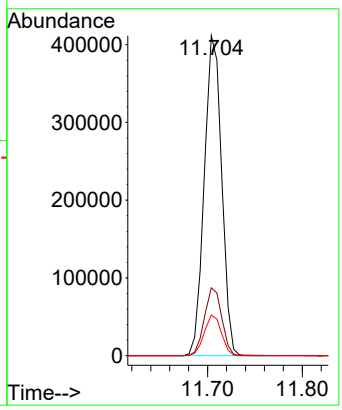





#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:167 Resp: 52336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.7 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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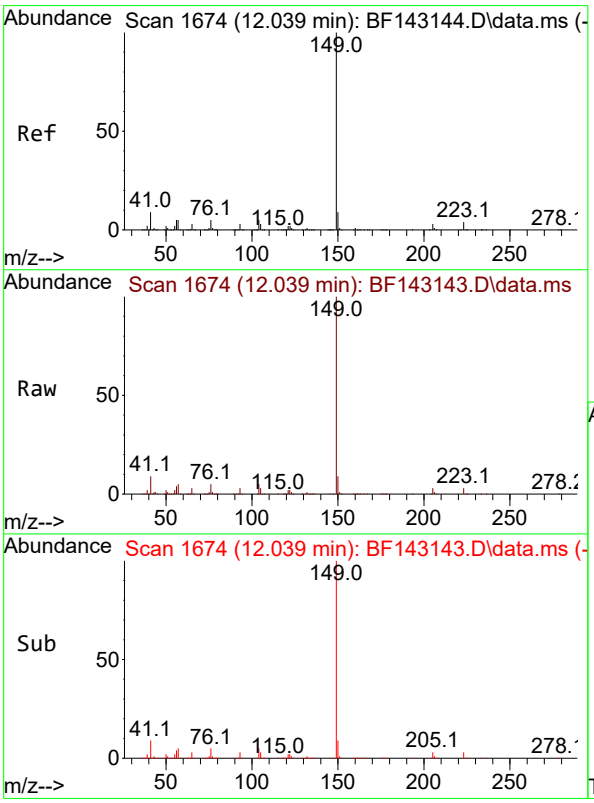
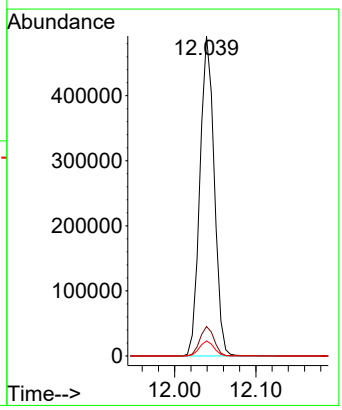
Supervised By :Jagrut Upadhyay 07/18/2025

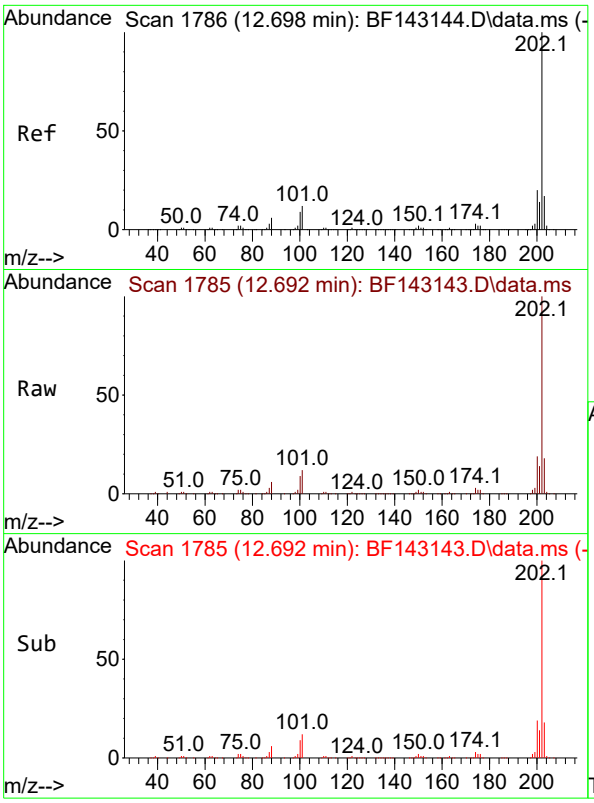



#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |

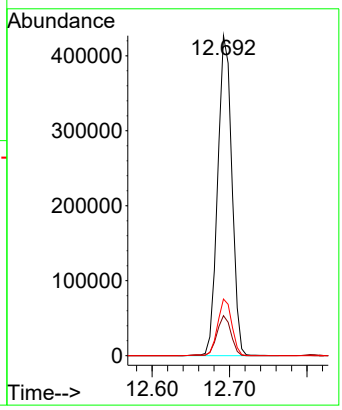





#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 54266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 31.7 |
| 203 | 17.7 | 0.0 | 37.4 |




**Instrument :**
BNA_F
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SSTDICC020

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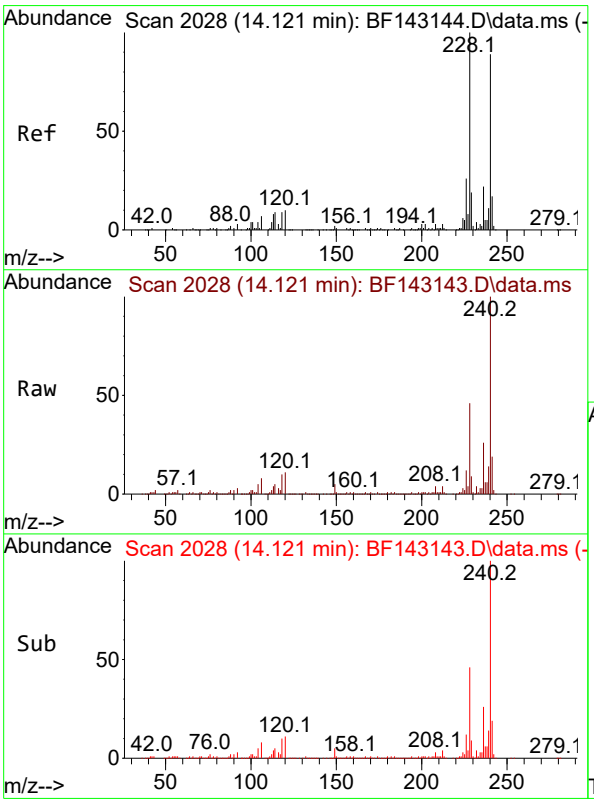
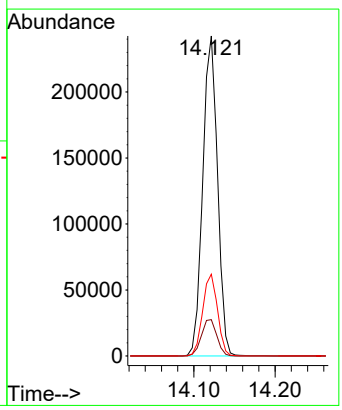
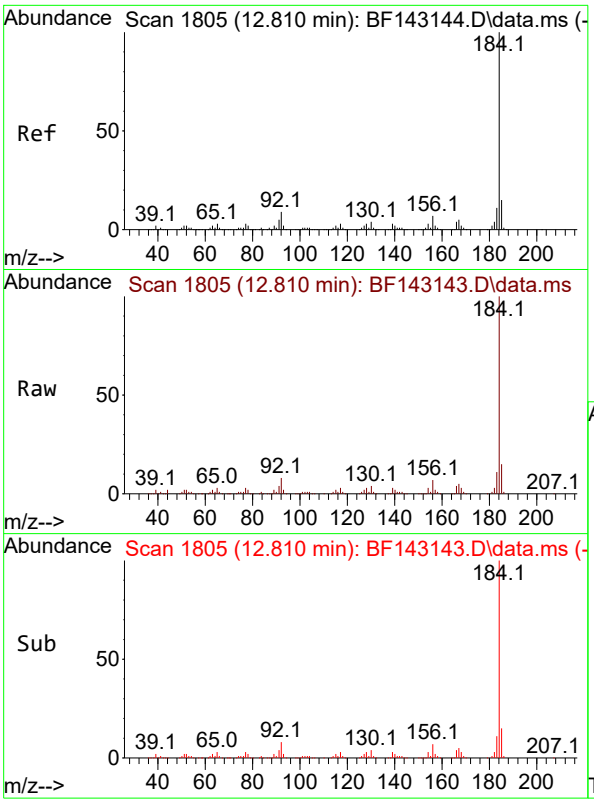



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 9.4 | 14.2 |
| 236 | 25.5 | 20.2 | 30.4 |

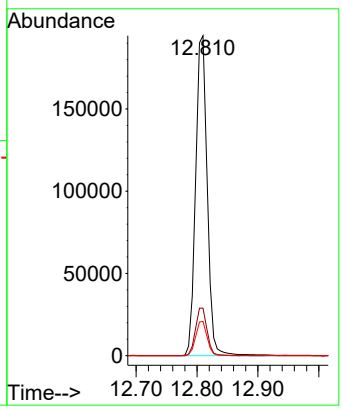





#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 25790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 12.2 | 18.4 |
| 183 | 10.7 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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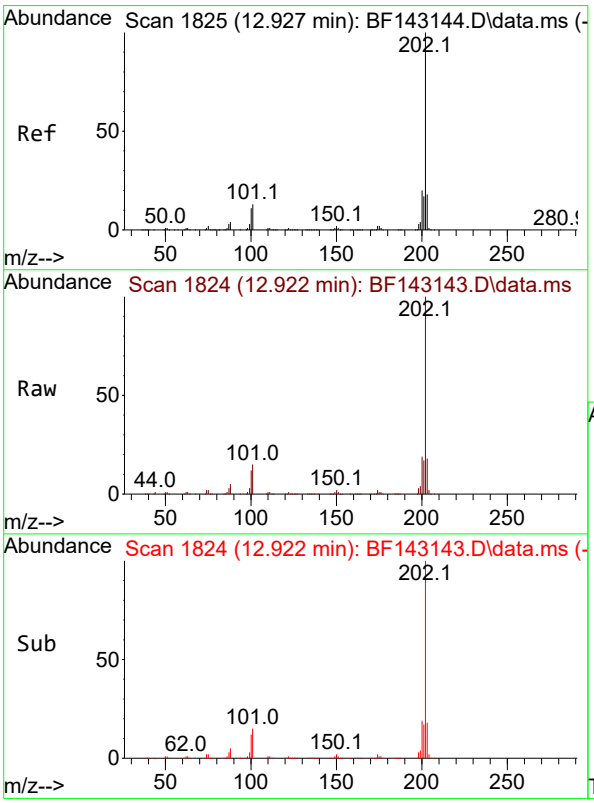
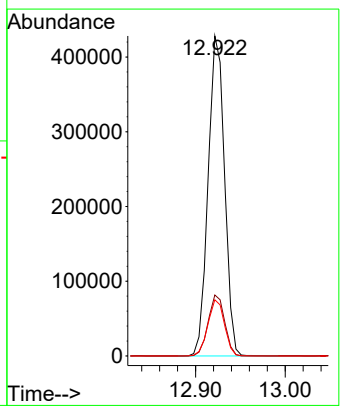
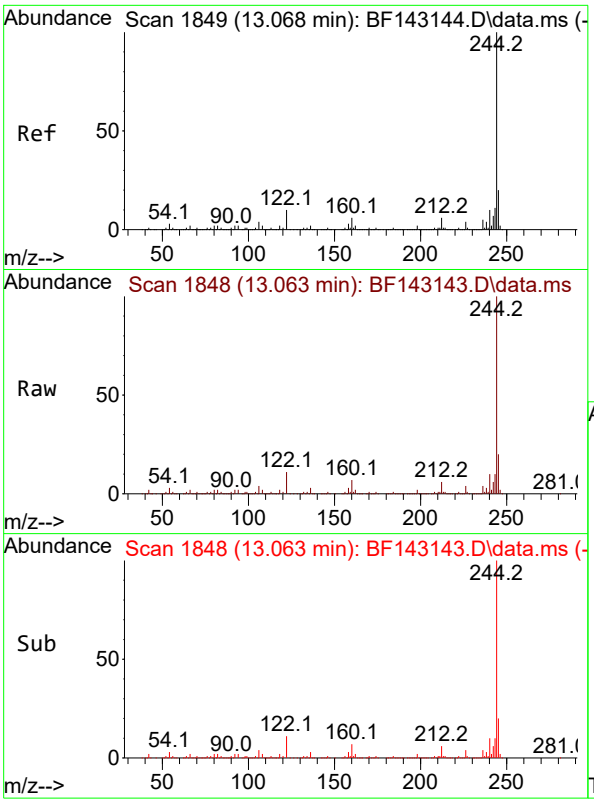



#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.1 | 15.7 | 23.5 |
| 203 | 17.6 | 14.2 | 21.2 |

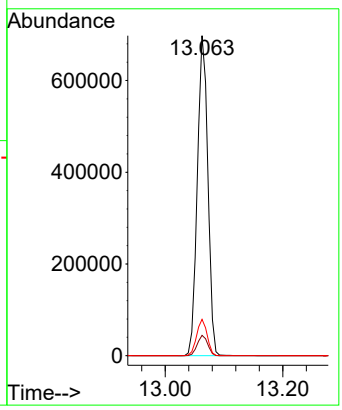





#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:244 Resp: 86683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.2 | 7.8 |
| 122 | 11.3 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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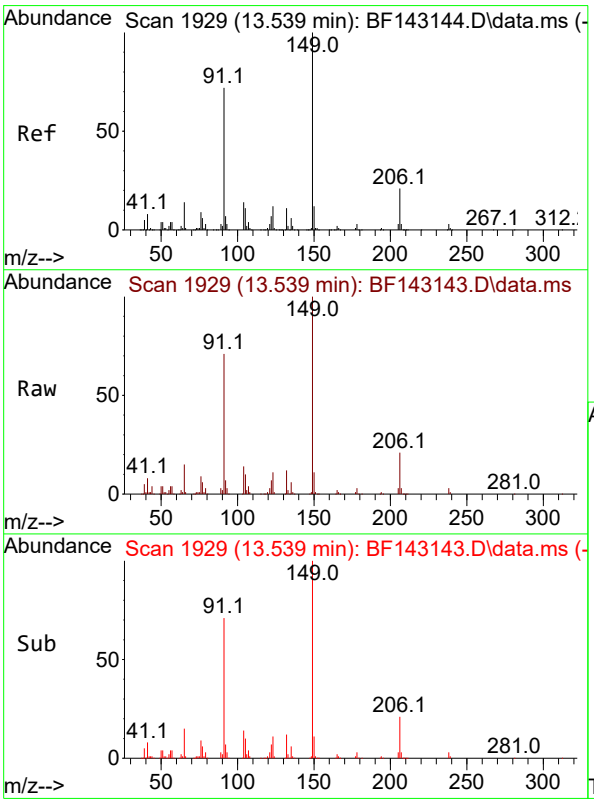
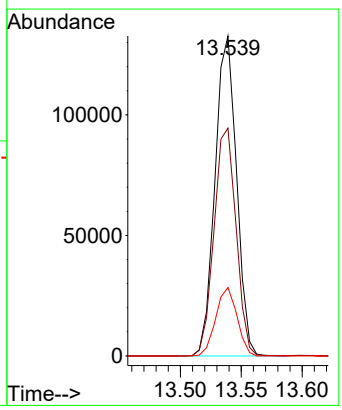
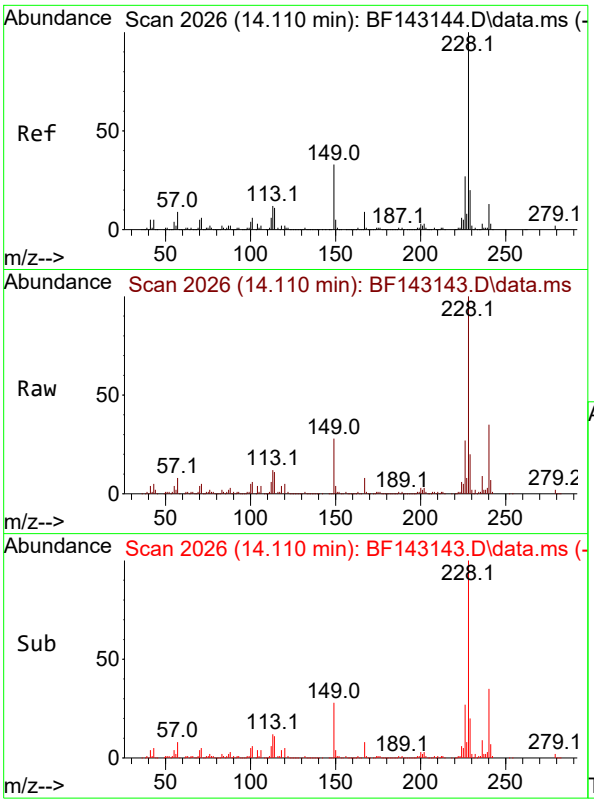



#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.2 | 57.9 | 86.9 |
| 206 | 21.4 | 17.0 | 25.4 |

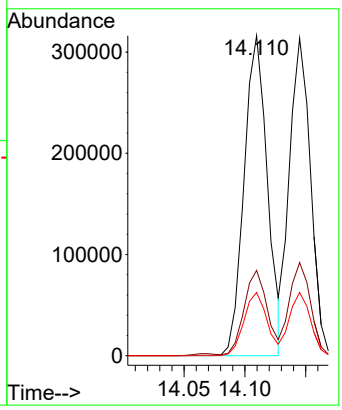





#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 42179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.8 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

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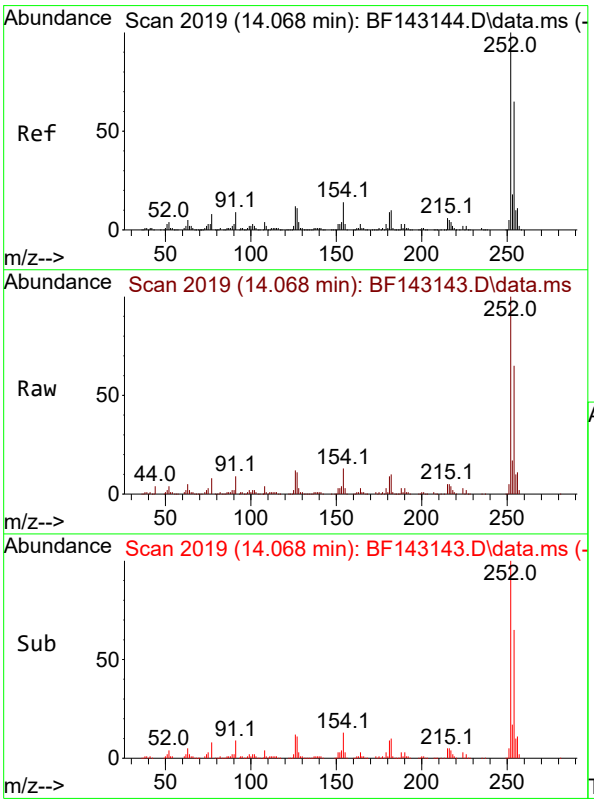
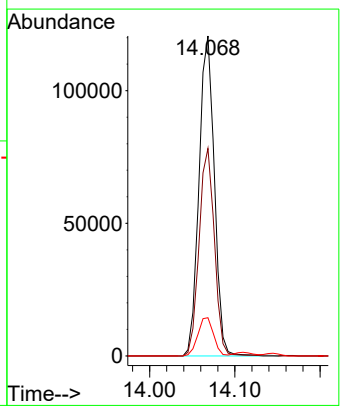
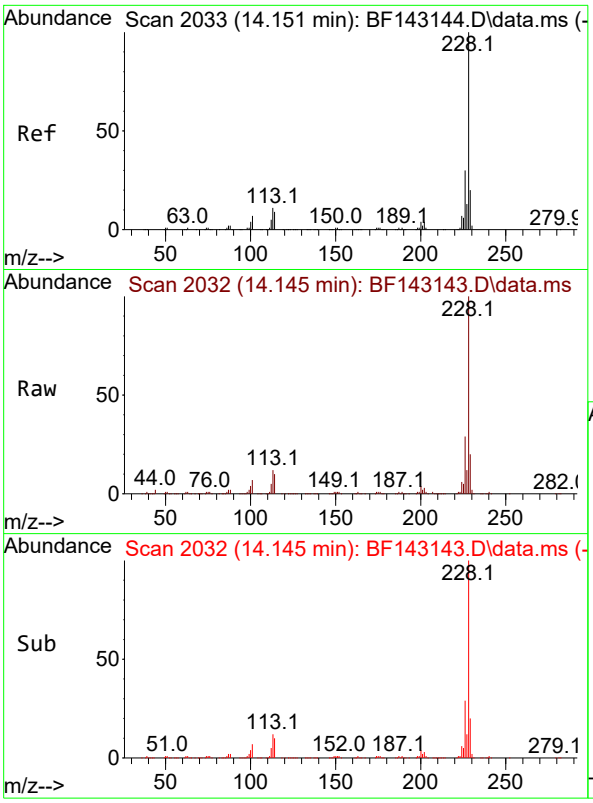



#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.7 | 77.5 |
| 126 | 12.0 | 9.4 | 14.0 |

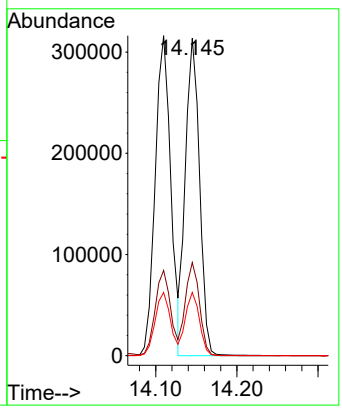





#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:228 Resp: 380799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 23.8 | 35.8 |
| 229 | 19.9 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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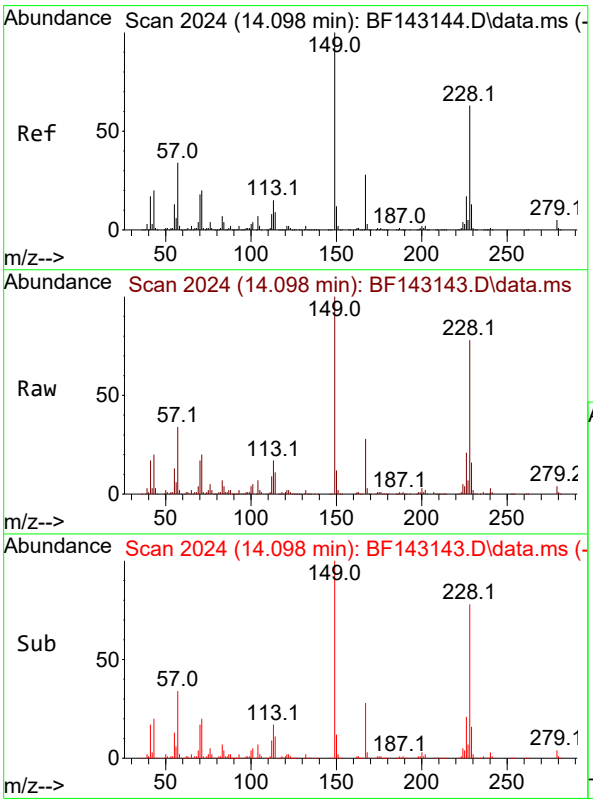
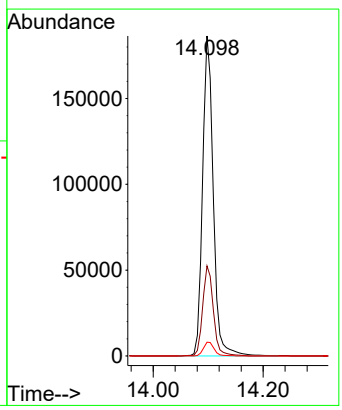
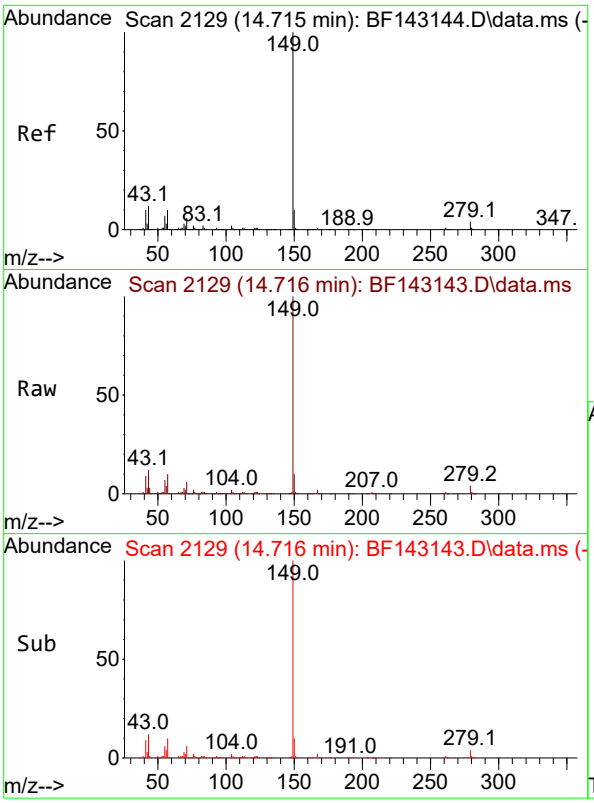



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |






#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 43610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.4 | 9.7 | 14.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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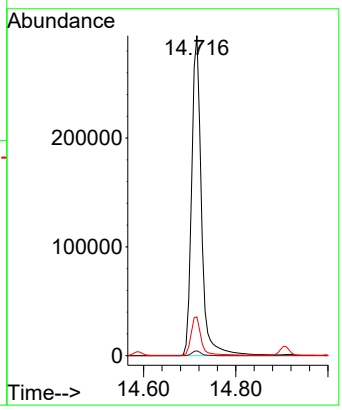
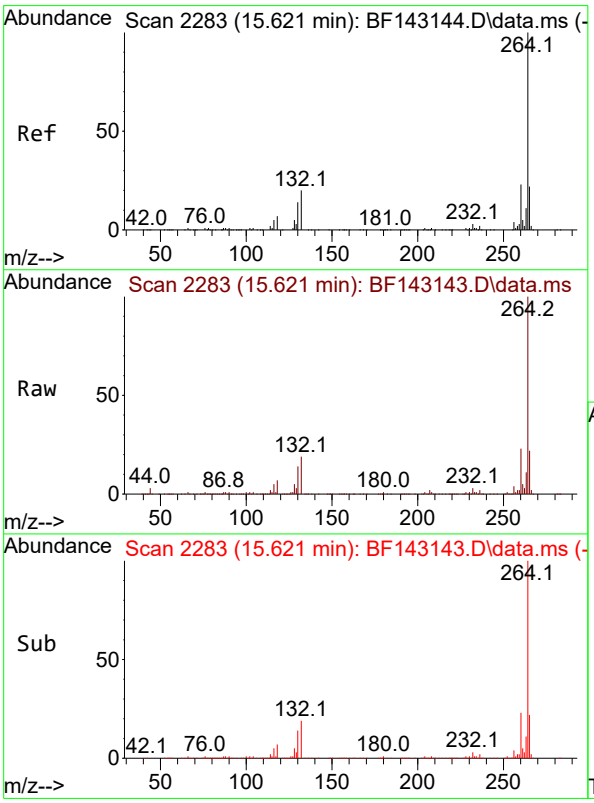
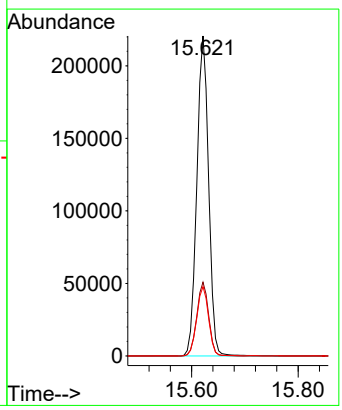


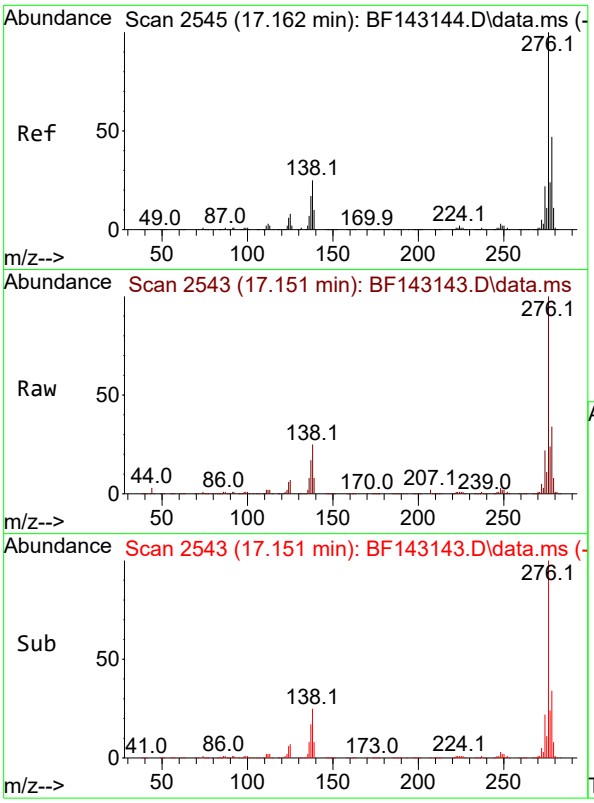




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.7 | 17.4 | 26.2 |

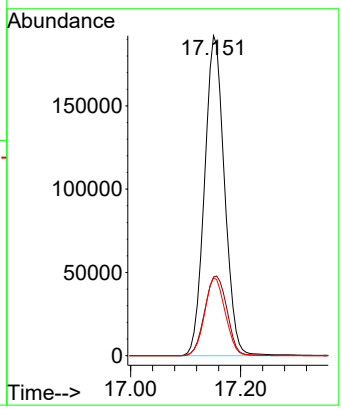





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 48424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.8 | 21.8 | 32.6 |
| 277 | 25.3 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

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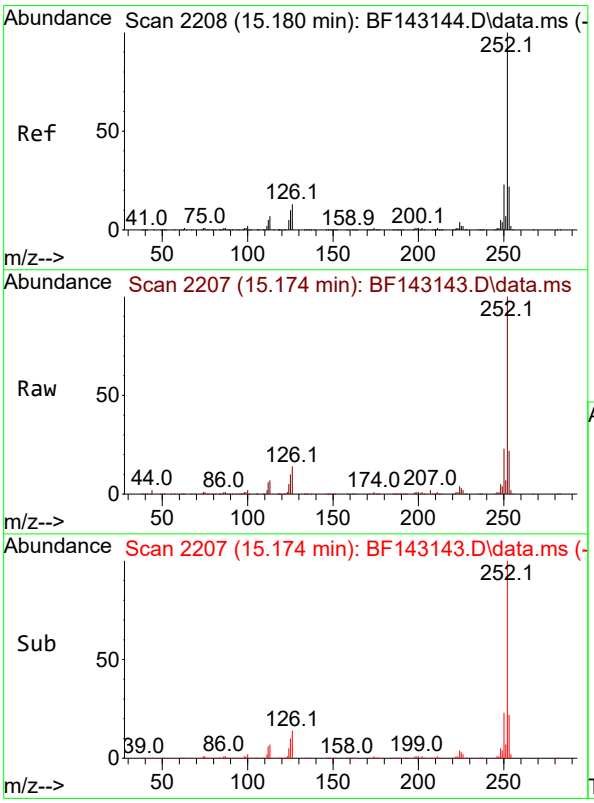
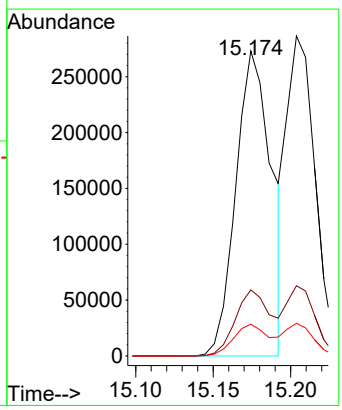
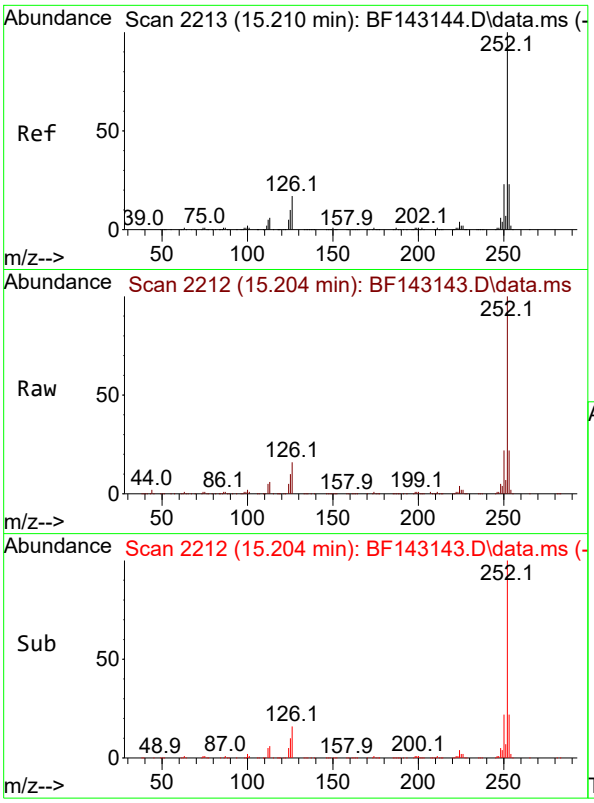



#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |

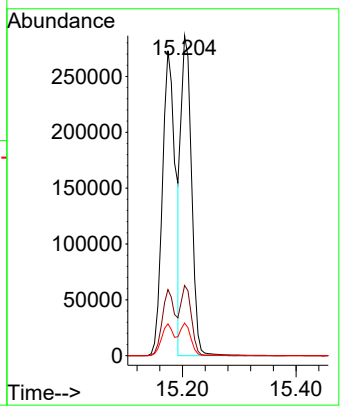





#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 36989

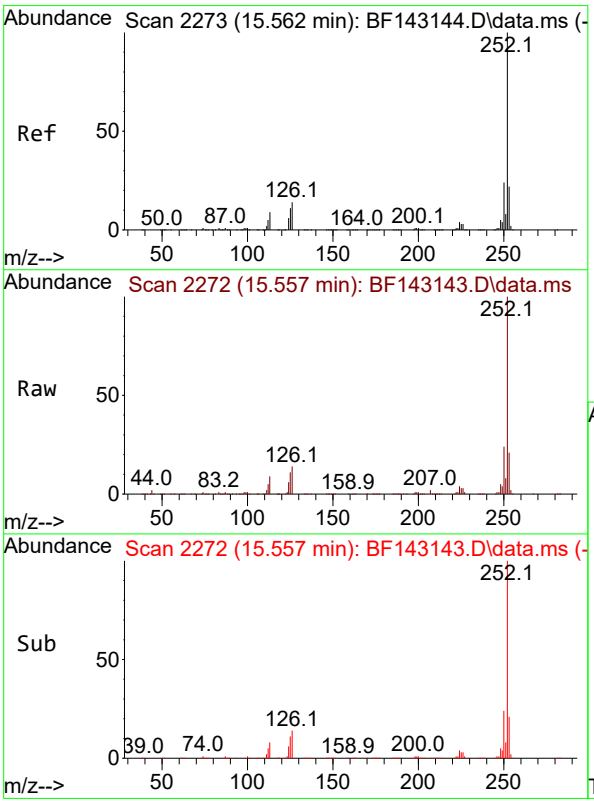
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.2 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

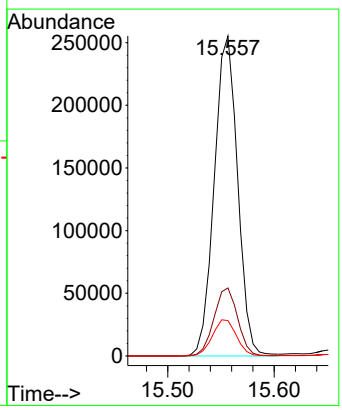
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

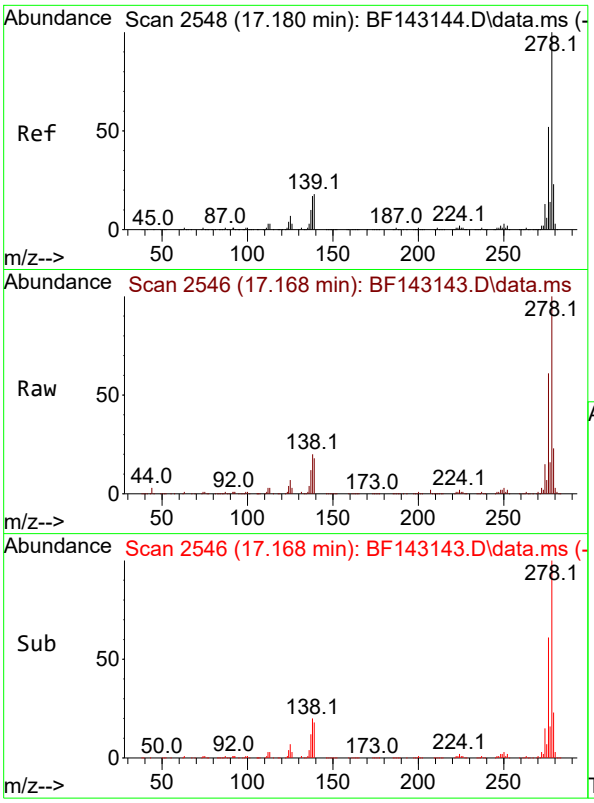



#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.3 | 25.9 |
| 125 | 11.0 | 8.6 | 13.0 |

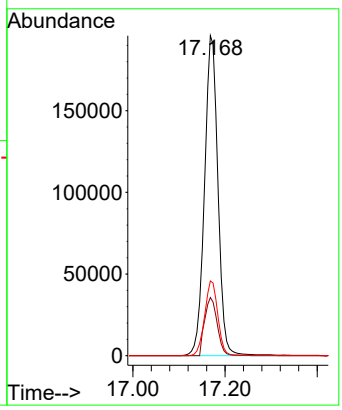





#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:278 Resp: 39894

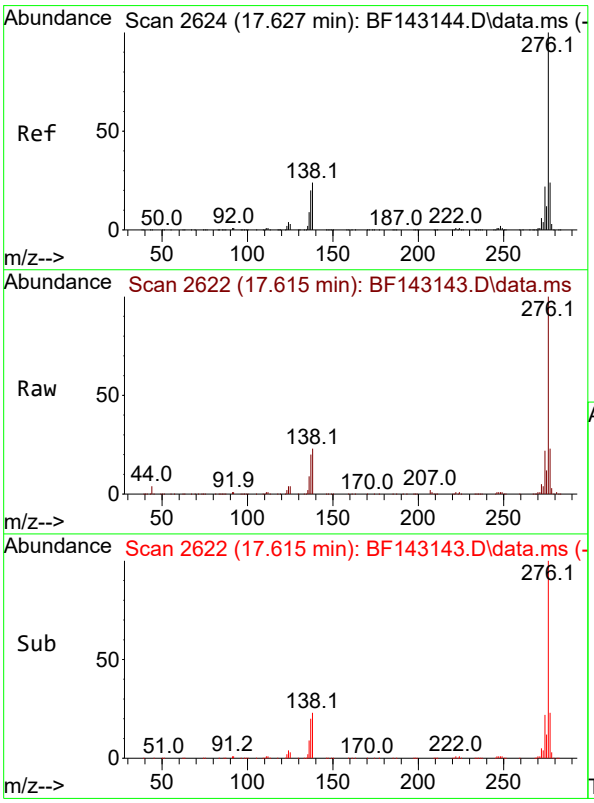
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.2 | 14.1 | 21.1 |
| 279 | 23.4 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

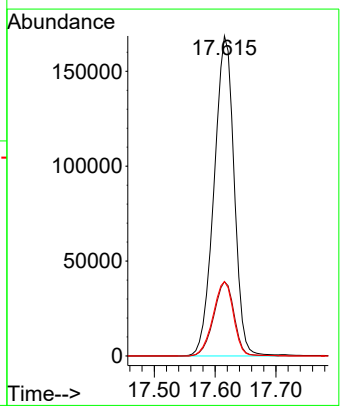
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 19.1 | 28.7 |
| 138 | 23.3 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 167098 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 641413 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 331881 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 542726 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 296414 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 323574 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 823062 | 77.946 | ng | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1038821 | 78.160 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 1023138 | 79.512 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 279373 | 81.485 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1802398 | 74.274 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1554923 | 78.063 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 200396 | 40.108 | ng | 100 |
| 3) Pyridine | 3.587 | 79 | 511417 | 39.435 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 270676 | 40.426 | ng | 100 |
| 6) Aniline | 6.622 | 93 | 736668 | 39.770 | ng | 100 |
| 8) 2-Chlorophenol | 6.745 | 128 | 437914 | 39.565 | ng | 100 |
| 9) Benzaldehyde | 6.516 | 77 | 482238 | 48.387 | ng | 100 |
| 10) Phenol | 6.598 | 94 | 571741m | 39.487 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 435450 | 39.279 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 468194 | 38.939 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 474015 | 39.147 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 448808 | 38.970 | ng | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 406107 | 40.017 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 808980 | 39.337 | ng | 100 |
| 17) 2-Methylphenol | 7.204 | 107 | 366495 | 39.381 | ng | 100 |
| 18) Hexachloroethane | 7.481 | 117 | 165263 | 39.425 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 329619 | 38.656 | ng | 100 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 448100 | 39.685 | ng | 100 |
| 22) Acetophenone | 7.369 | 105 | 583796 | 38.444 | ng | 100 |
| 24) Nitrobenzene | 7.545 | 77 | 481500 | 40.136 | ng | 100 |
| 25) Isophorone | 7.781 | 82 | 888017 | 39.093 | ng | 100 |
| 26) 2-Nitrophenol | 7.857 | 139 | 220354 | 42.323 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.886 | 122 | 416128 | 39.210 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 529258 | 38.860 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 353866 | 39.537 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 376590 | 38.947 | ng | 100 |
| 31) Naphthalene | 8.269 | 128 | 1224033 | 38.749 | ng | 100 |
| 32) Benzoic acid | 7.992 | 122 | 230958m | 39.680 | ng | |
| 33) 4-Chloroaniline | 8.310 | 127 | 500402 | 38.796 | ng | 100 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 231609 | 39.211 | ng | 100 |
| 35) Caprolactam | 8.681 | 113 | 111733 | 41.312 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.781 | 107 | 385507 | 39.628 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 744295 | 38.720 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 768508 | 38.825 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 365234 | 38.118 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 247480 | 39.695 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 255115 | 38.471 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 268615 | 40.494 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 988537 | 38.177 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 731879 | 38.200 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 249908 | 41.594 | ng | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 1234789 | 38.458 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 848828 | 39.238 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 184242 | 41.866 | ng | 100 |
| 52) Acenaphthene | 10.033 | 154 | 727386 | 38.330 | ng | 100 |
| 53) 3-Nitroaniline | 9.945 | 138 | 210179 | 40.832 | ng | 100 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 69157 | 38.449 | ng | 100 |
| 55) Dibenzofuran | 10.204 | 168 | 1083678 | 38.462 | ng | 100 |
| 56) 4-Nitrophenol | 10.086 | 139 | 163009 | 42.408 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 235101 | 42.581 | ng | 100 |
| 58) Fluorene | 10.551 | 166 | 804336 | 38.037 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 220872 | 40.196 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 842184 | 39.387 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 406477 | 38.604 | ng | 100 |
| 62) 4-Nitroaniline | 10.557 | 138 | 185530 | 42.055 | ng | 100 |
| 63) Azobenzene | 10.698 | 77 | 876387 | 39.326 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 105533 | 38.322 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 731532 | 38.278 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 247764 | 38.307 | ng | 100 |
| 68) Hexachlorobenzene | 11.098 | 284 | 259758 | 38.424 | ng | 100 |
| 69) Atrazine | 11.174 | 200 | 212970 | 40.421 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 161013 | 40.500 | ng | 100 |
| 71) Phenanthrene | 11.510 | 178 | 1107412 | 38.429 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1126710 | 38.336 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1008669 | 39.304 | ng | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1165443 | 40.135 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1034509 | 39.111 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 564732 | 49.451 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1016822 | 40.195 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 322273 | 41.603 | ng | 100 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 759726 | 38.283 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 254099 | 38.418 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 715222 | 40.085 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 467892 | 39.906 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 820264 | 38.595 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 914626 | 40.086 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 742346 | 37.554 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.210 | 252 | 733635 | 41.591 | ng | 100 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 725344 | 39.826 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 742180 | 39.964 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 717648 | 39.949 | ng | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

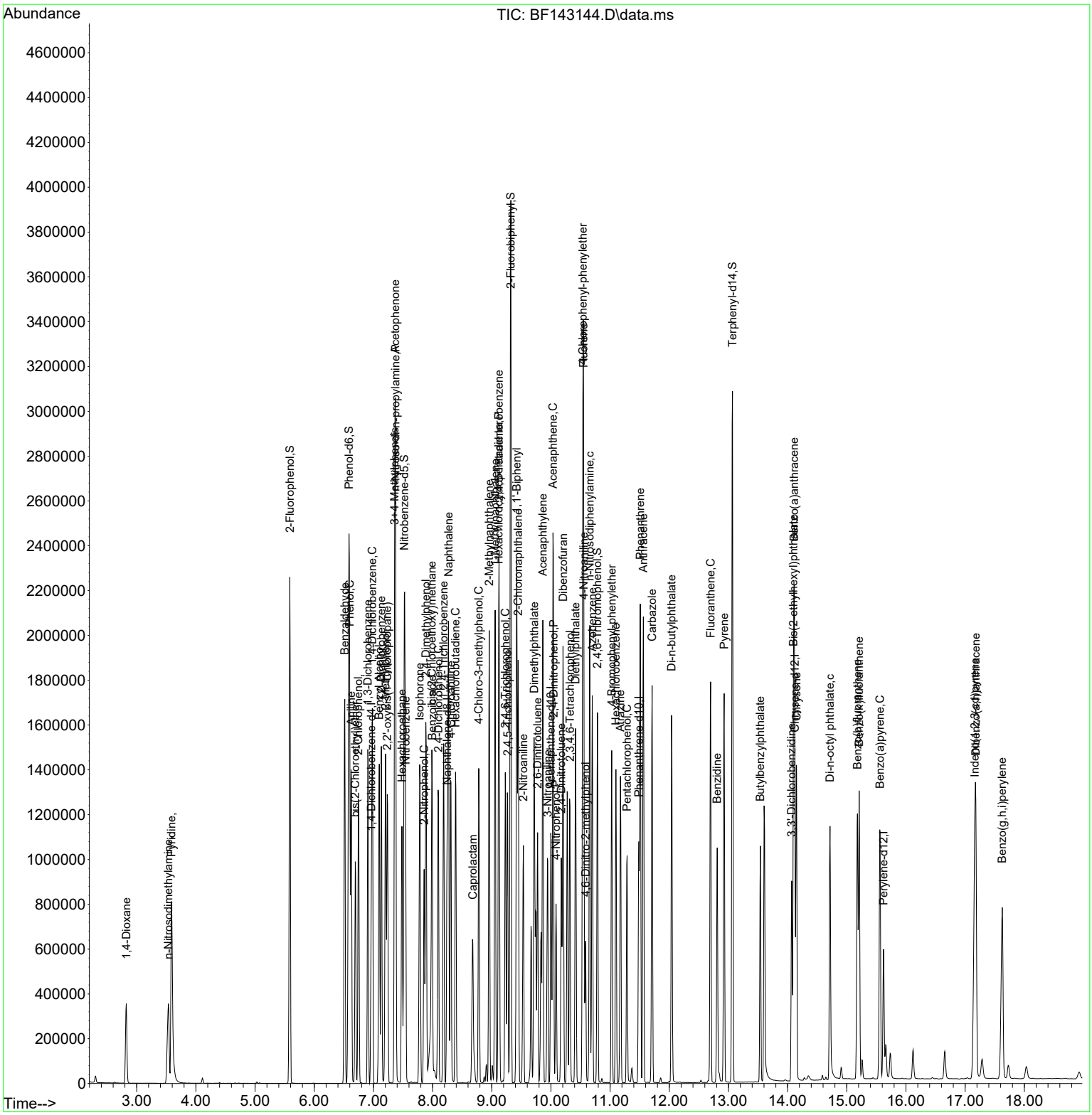
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

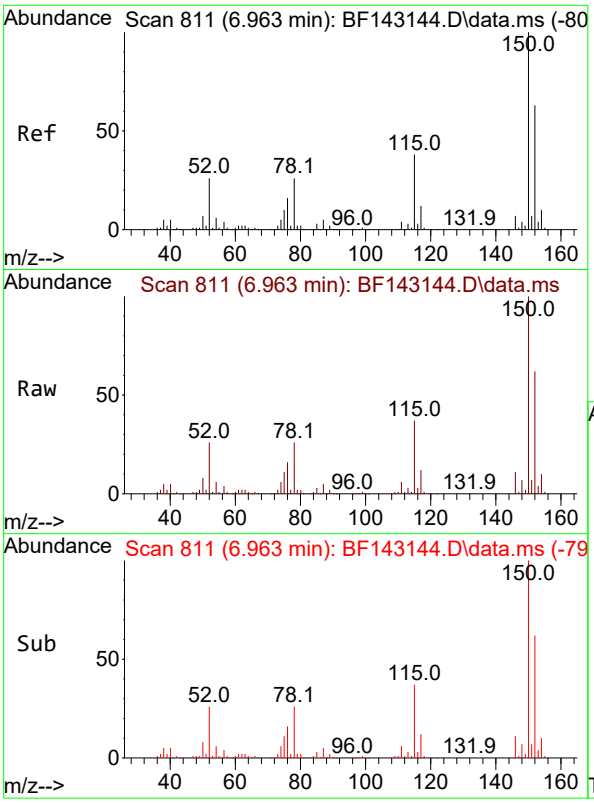
Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

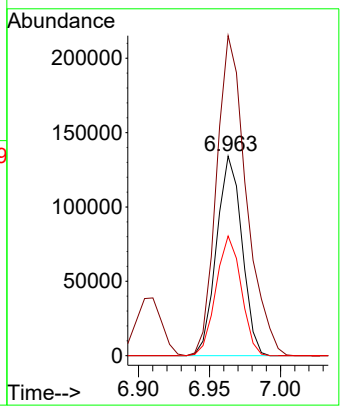





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 16709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 128.2 | 192.4 |
| 115 | 59.9 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
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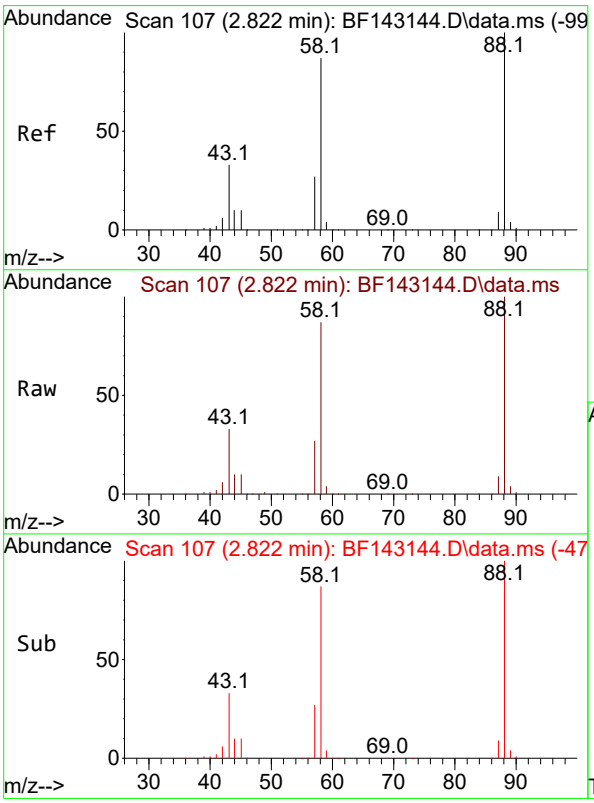
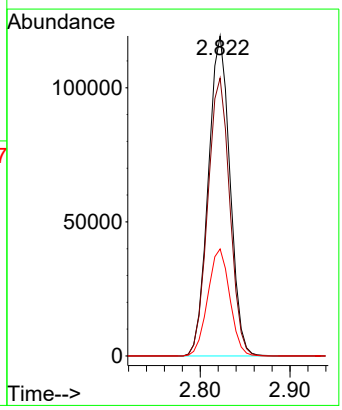
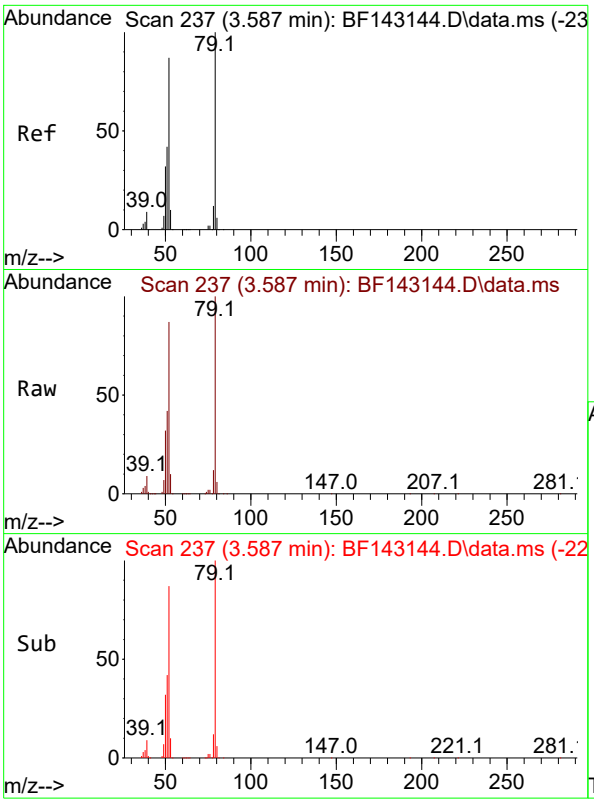



#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.7 | 70.2 | 105.2 |
| 43 | 33.9 | 27.1 | 40.7 |

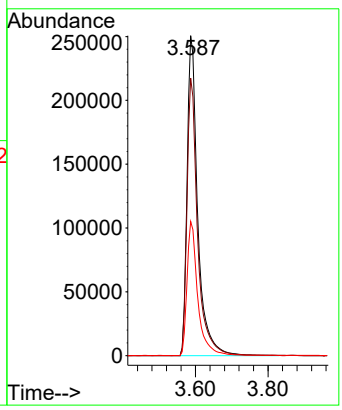





#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 51141

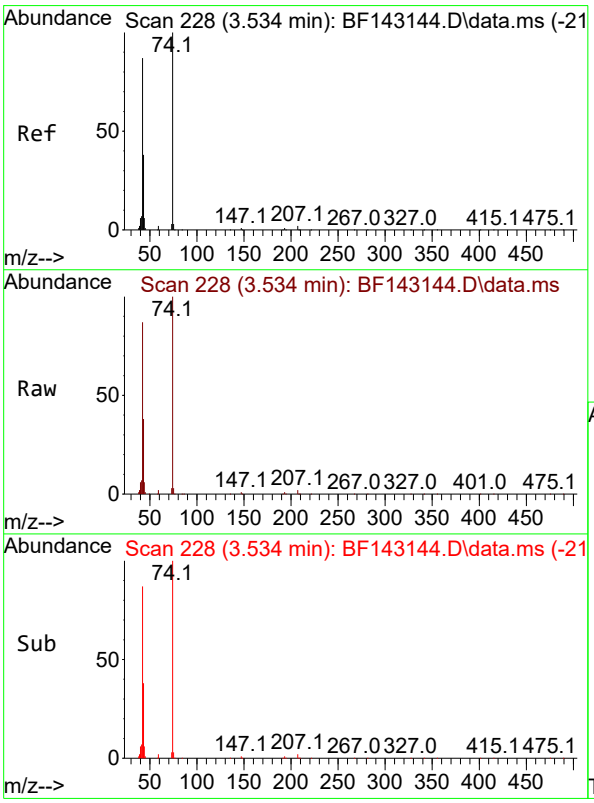
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.8 | 69.4 | 104.2 |
| 51 | 41.9 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

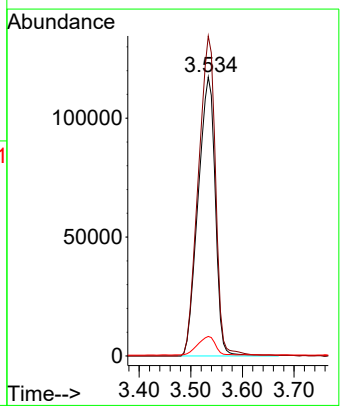
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

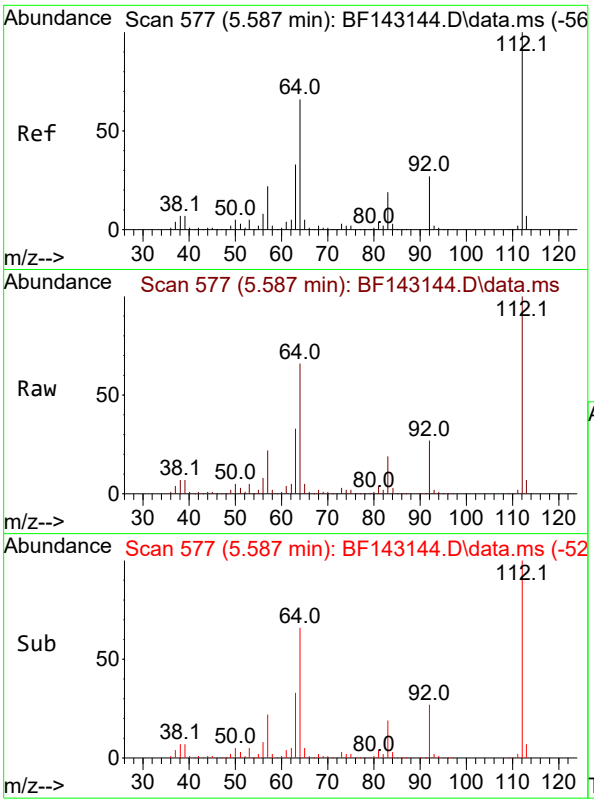



#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.6 | 91.7 | 137.5 |
| 44 | 7.0 | 5.6 | 8.4 |

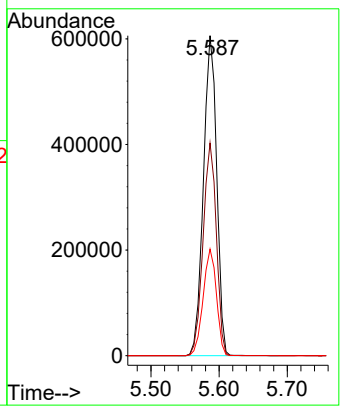





#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:112 Resp: 82306

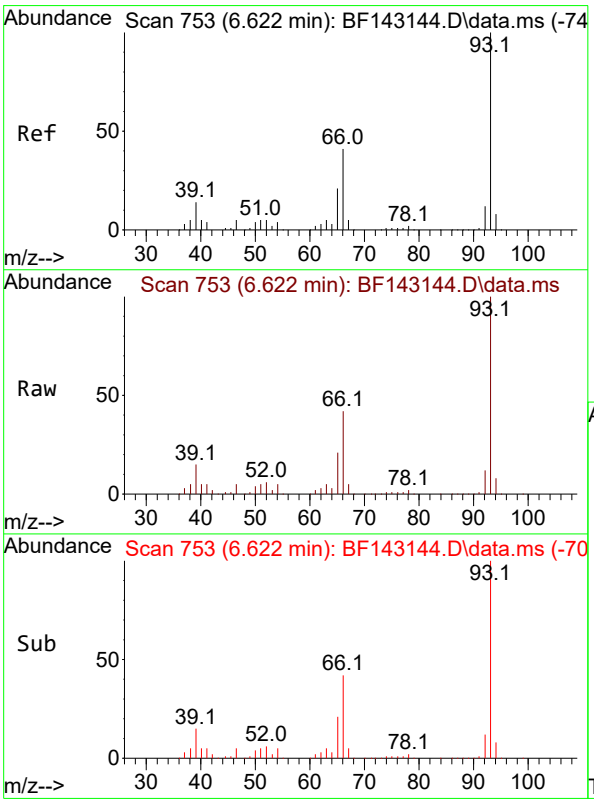
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.4 | 53.1 | 79.7 |
| 63 | 33.3 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

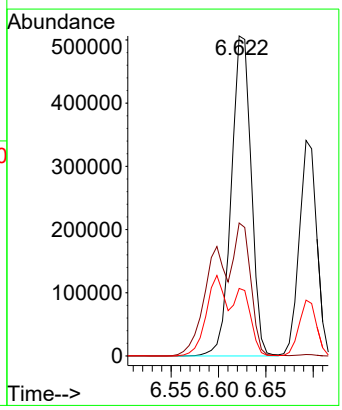
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

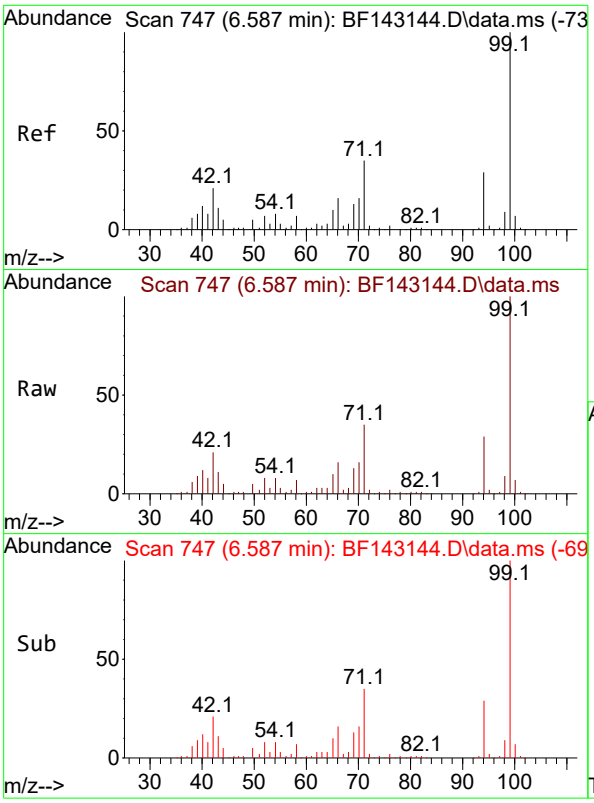



#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.5 | 33.2 | 49.8 |
| 65 | 21.1 | 16.9 | 25.3 |

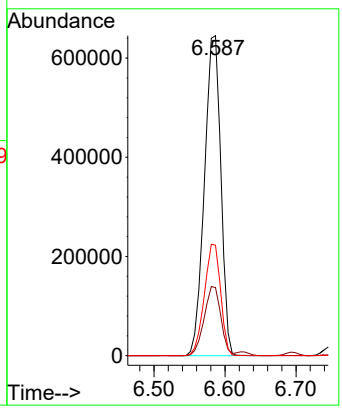





#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 99 Resp: 103882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 17.0 | 25.6 |
| 71 | 34.6 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
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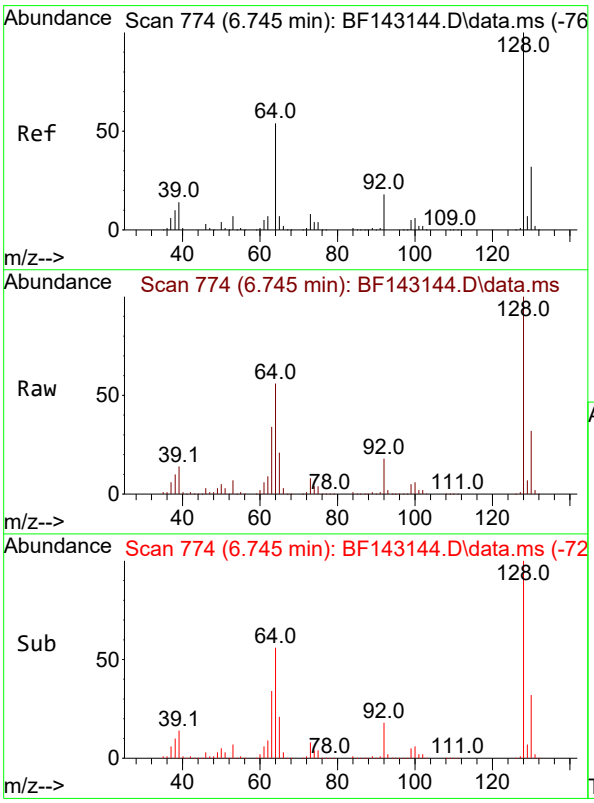
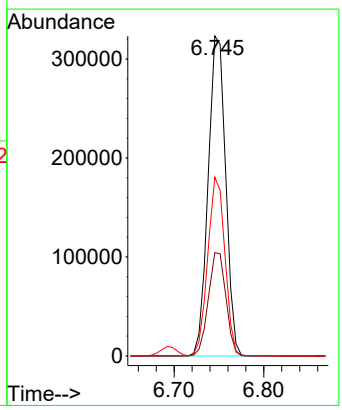
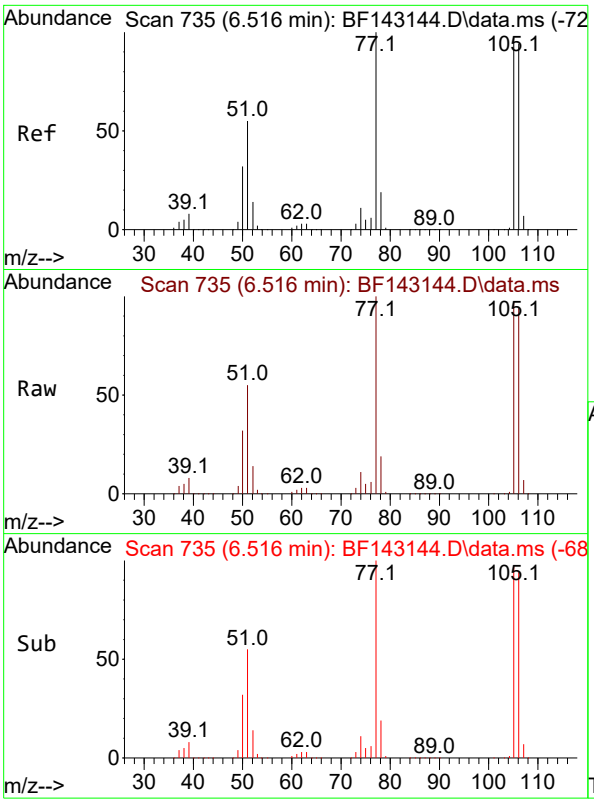



#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.3 | 52.3 |
| 64 | 55.9 | 35.9 | 75.9 |

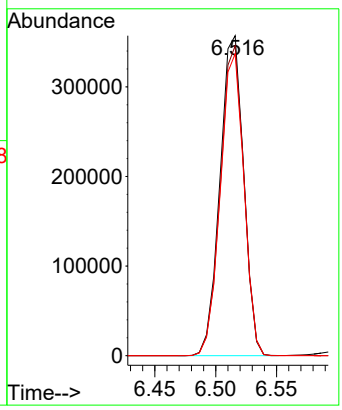





#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 48223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.8 | 76.8 | 116.8 |
| 106 | 94.4 | 74.4 | 114.4 |

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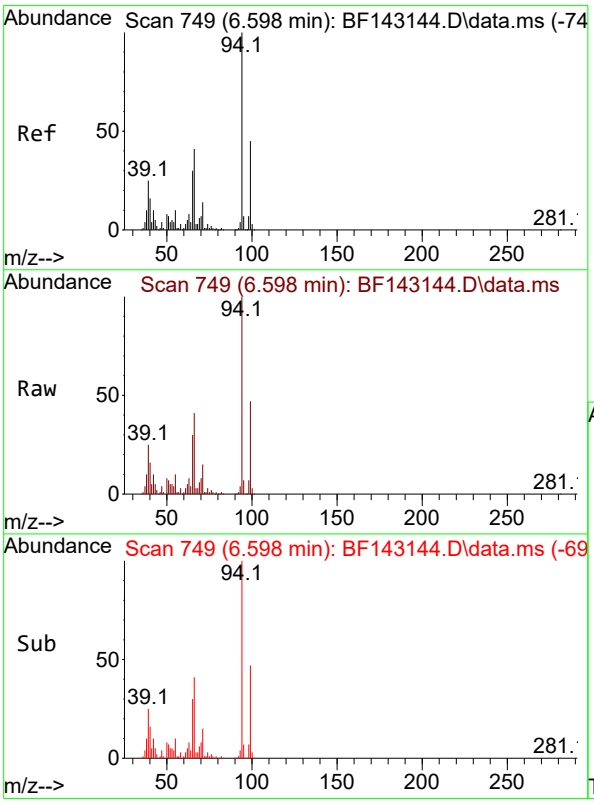
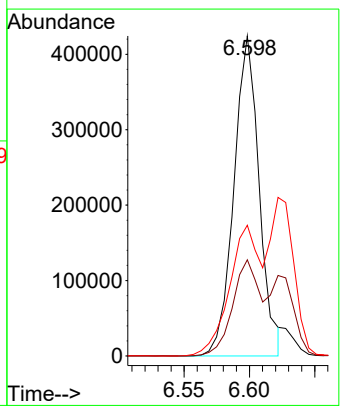
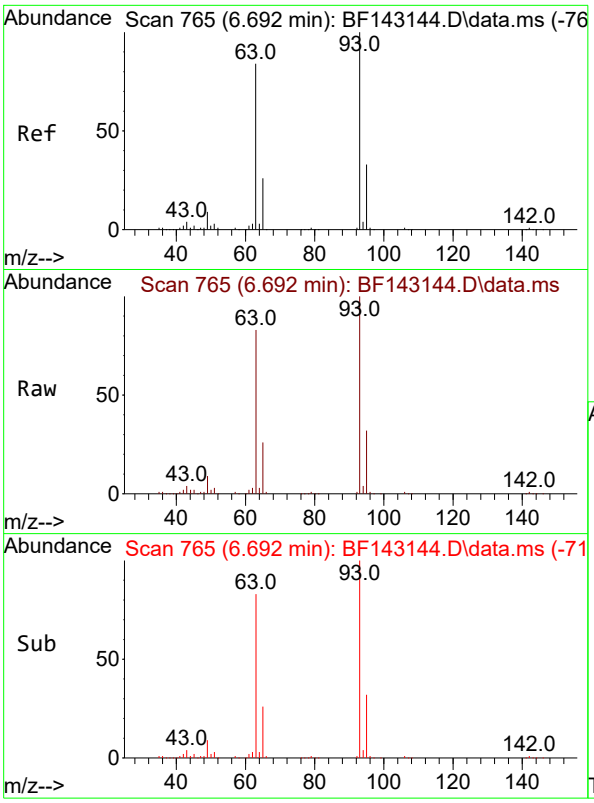



#10
Phenol
Concen: 39.487 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 571741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.0 | 10.0 | 50.0 |
| 66 | 40.8 | 20.8 | 60.8 |

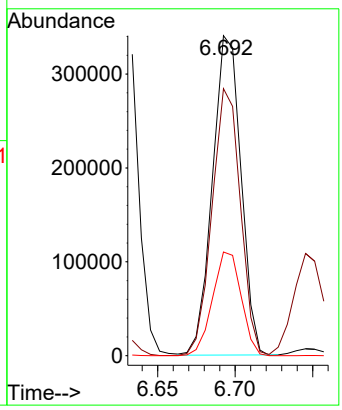





#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 43545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.4 | 63.4 | 103.4 |
| 95 | 32.4 | 12.4 | 52.4 |




**Instrument :**
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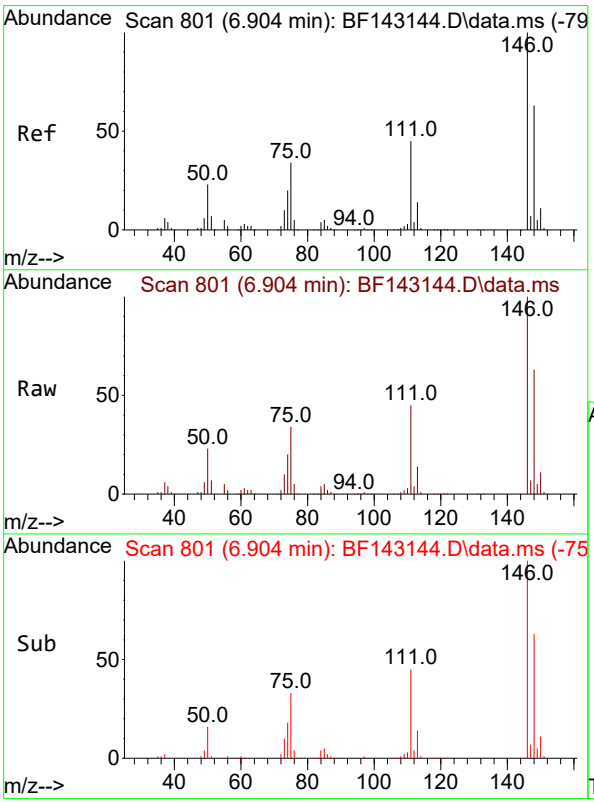
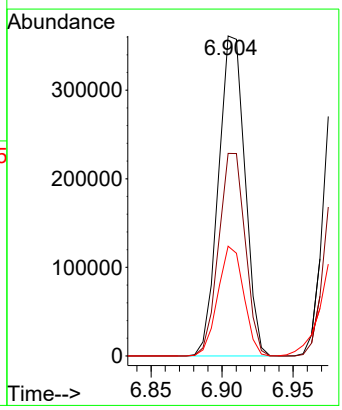
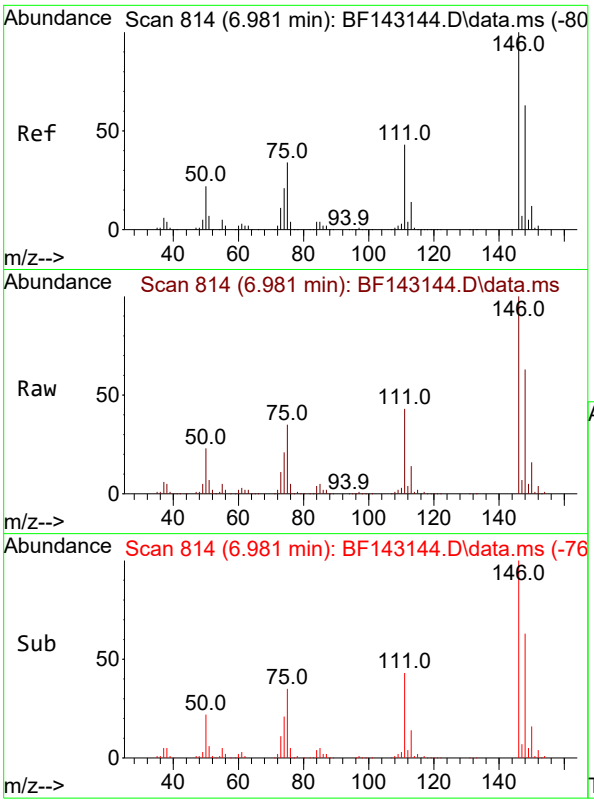



#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 50.6 | 76.0 |
| 75 | 34.3 | 27.4 | 41.2 |

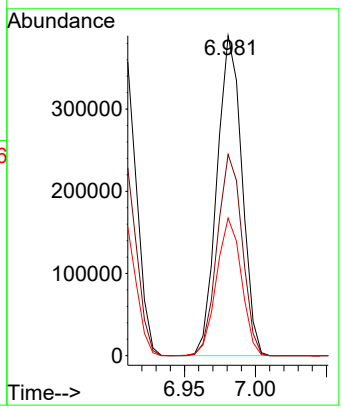





#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 47401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.3 | 75.5 |
| 111 | 43.0 | 34.4 | 51.6 |

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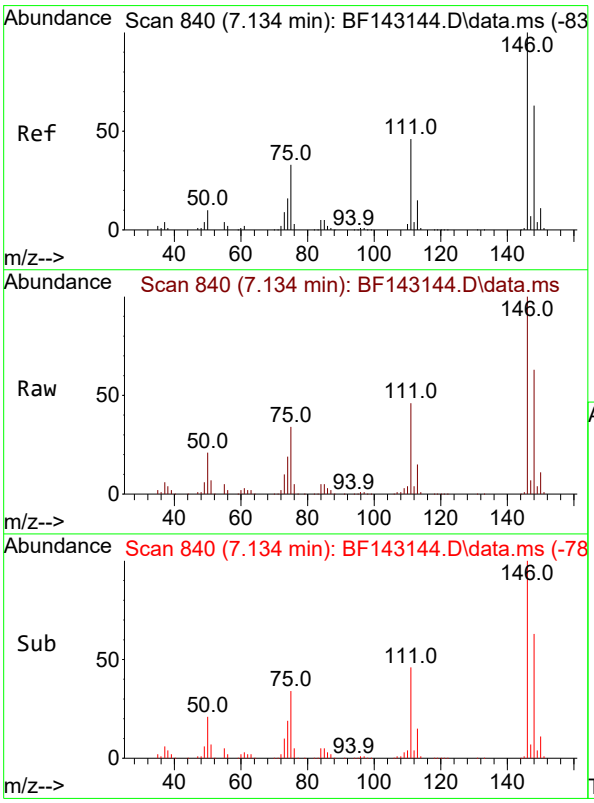
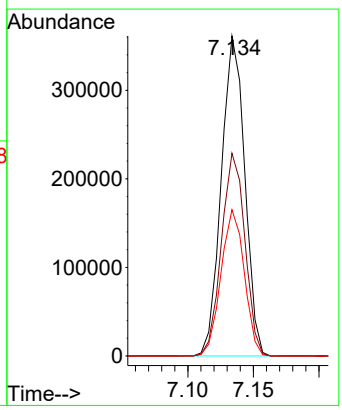
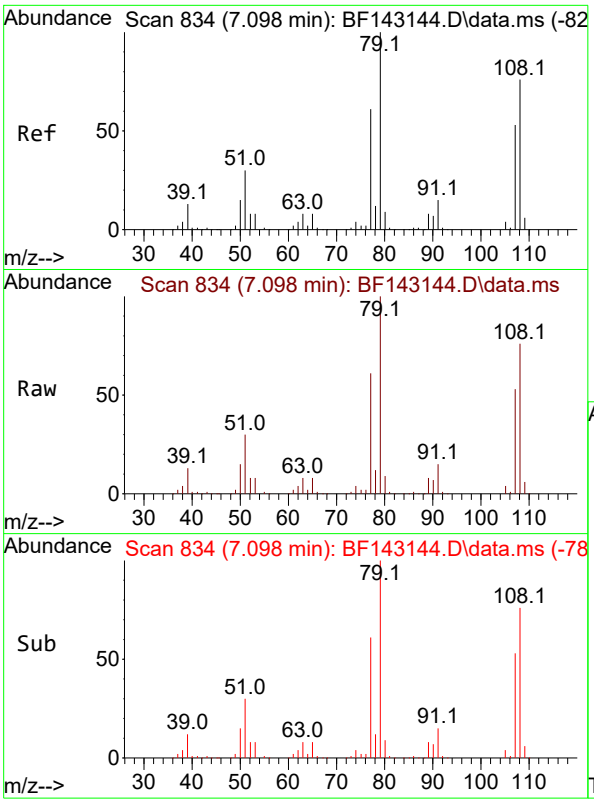



#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 45.7 | 36.6 | 54.8 |

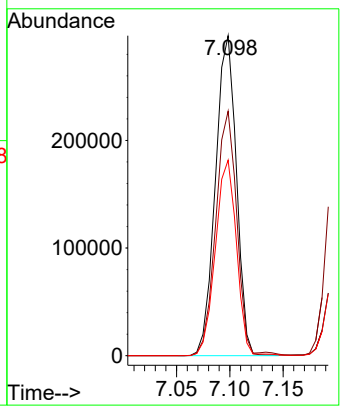





#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 79 Resp: 40610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.4 | 61.1 | 91.7 |
| 77 | 61.1 | 48.9 | 73.3 |




**Instrument :**
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**ClientSampleId :**
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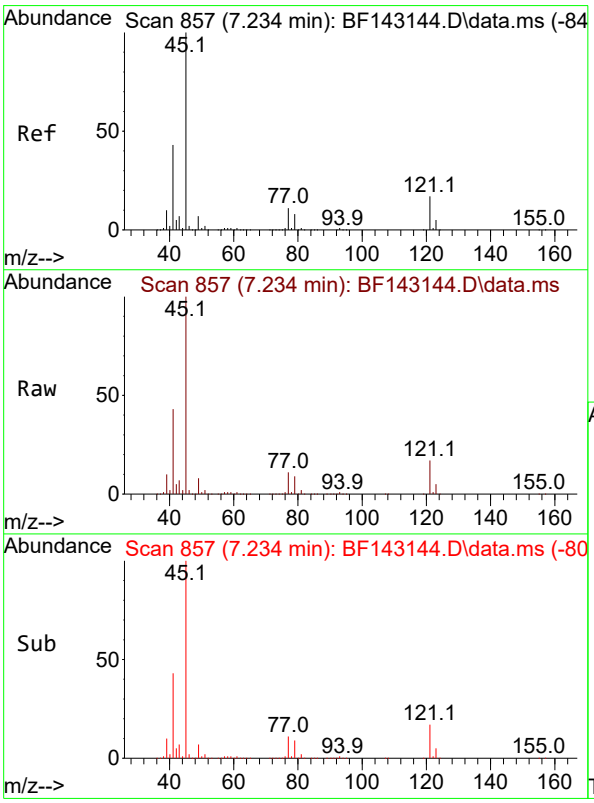
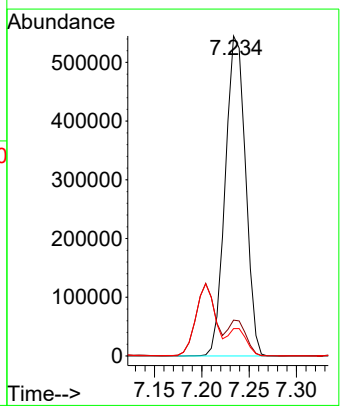
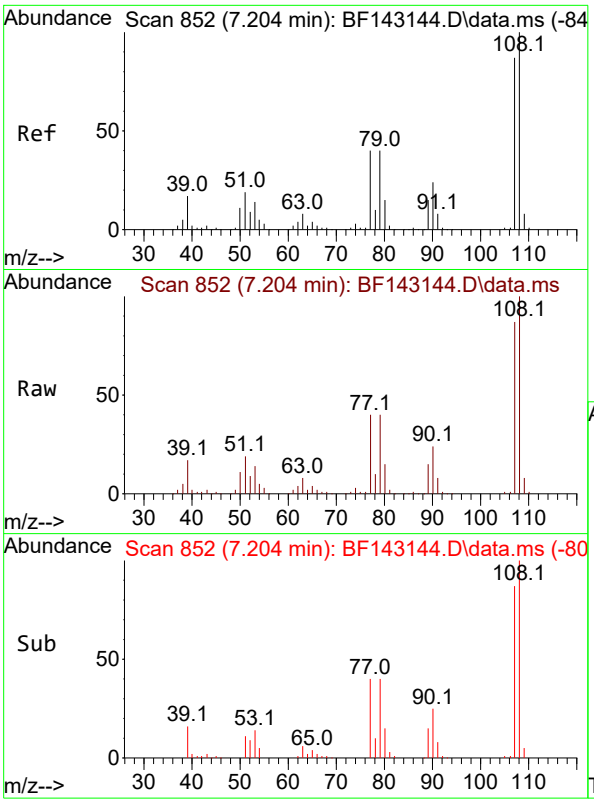



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.5 | 0.0 | 28.5 |

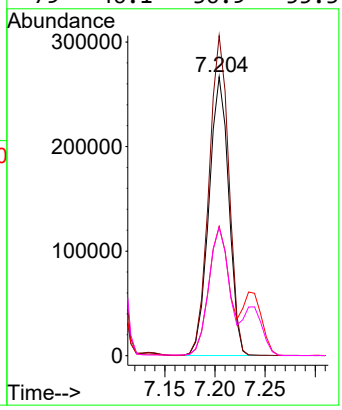





#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 36649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.7 | 91.8 | 137.6 |
| 77 | 46.3 | 37.0 | 55.6 |
| 79 | 46.1 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
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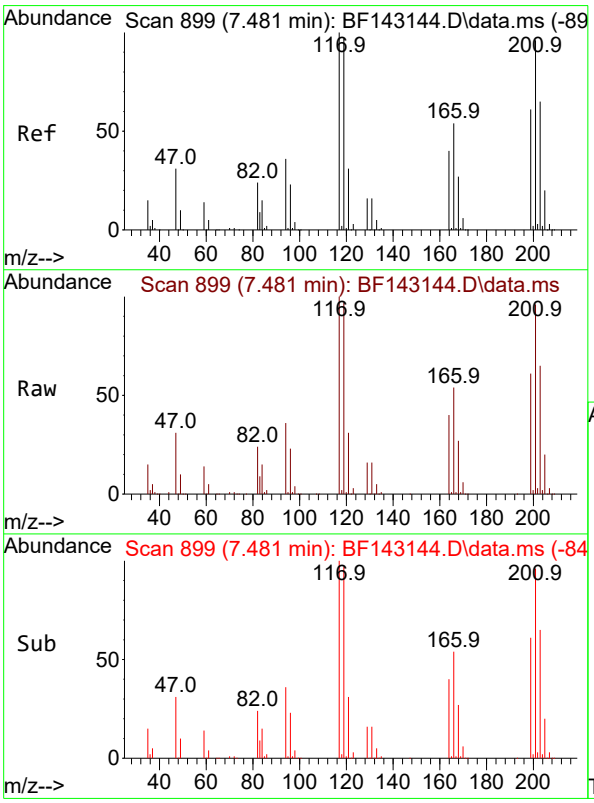
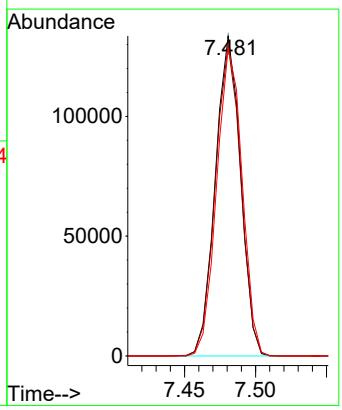
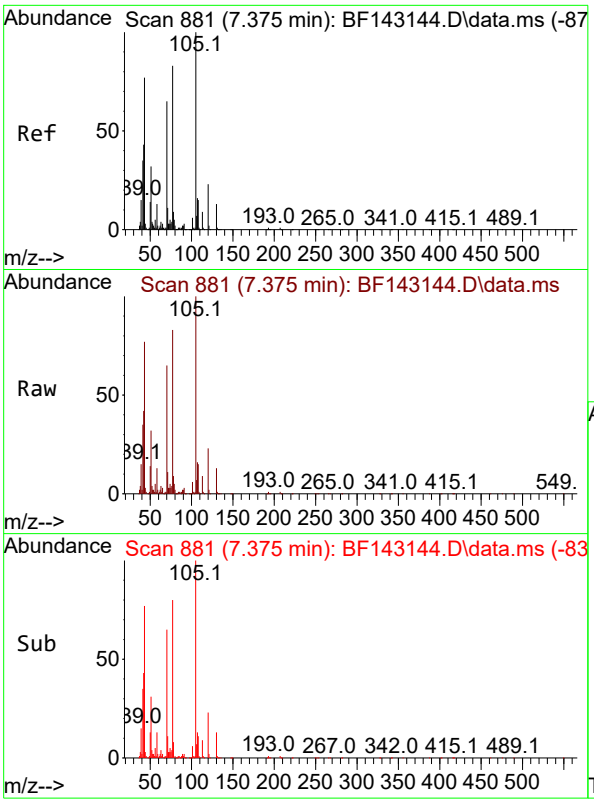



#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.3 | 77.8 | 116.8 |
| 201 | 96.2 | 77.0 | 115.4 |

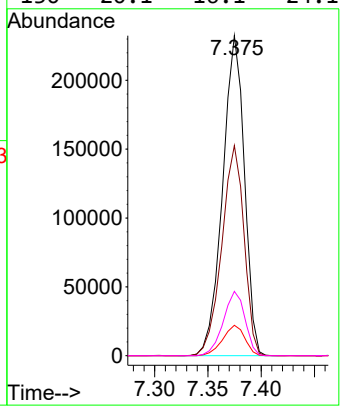





#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 70 Resp: 32961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.6 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 20.1 | 16.1 | 24.1 |




**Instrument :**
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**ClientSampleId :**
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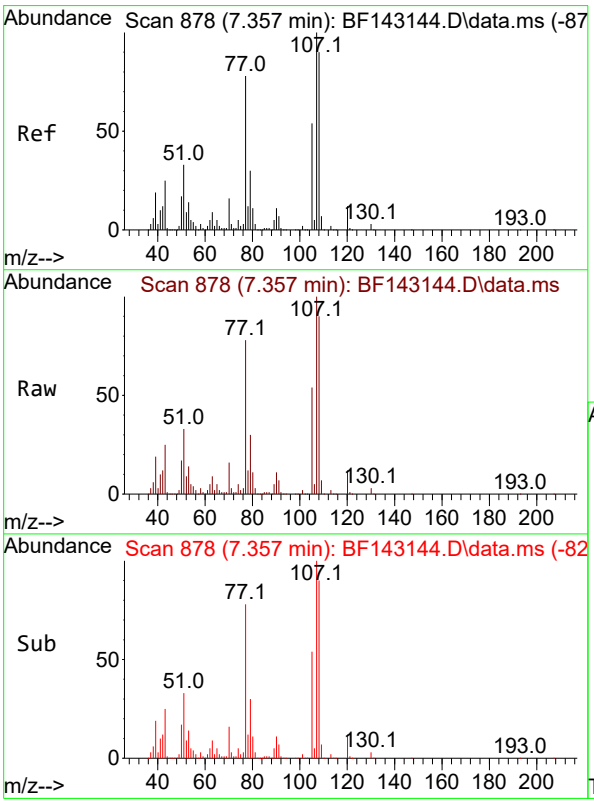
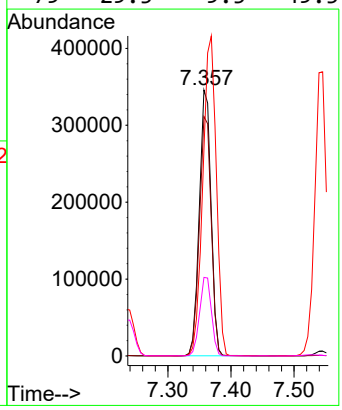
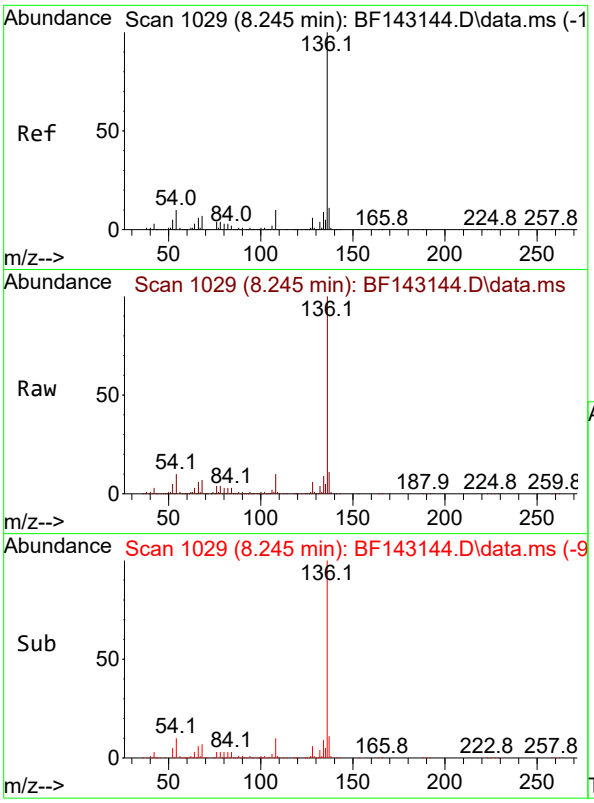



#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 70.0 | 110.0 |
| 77 | 77.8 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |

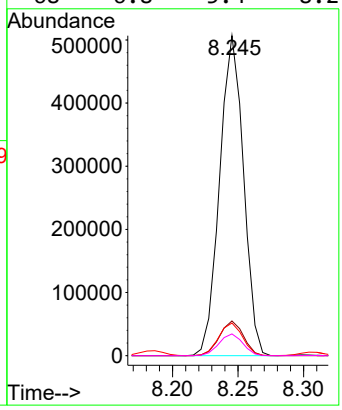





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:136 Resp: 64141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

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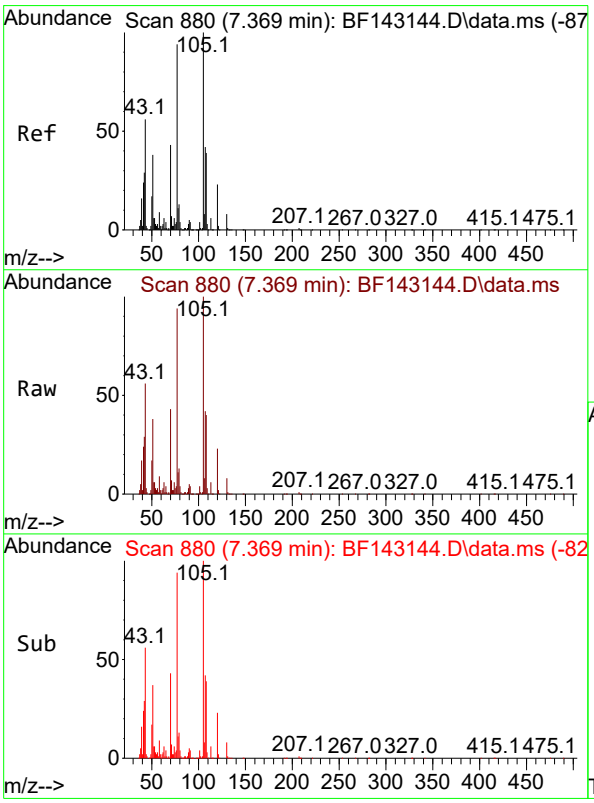
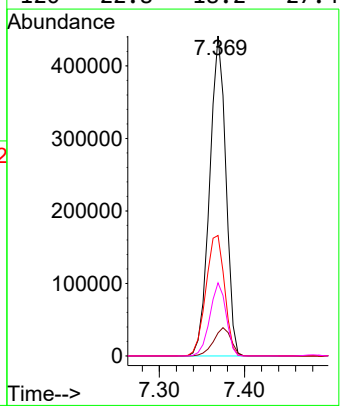
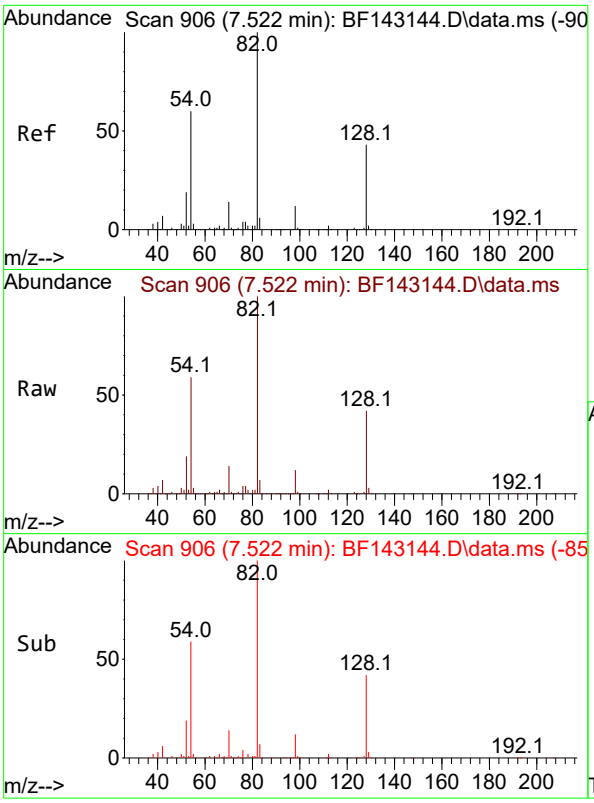



#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.2 | 5.8 | 8.6 |
| 51 | 37.7 | 30.2 | 45.2 |
| 120 | 22.8 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 102313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
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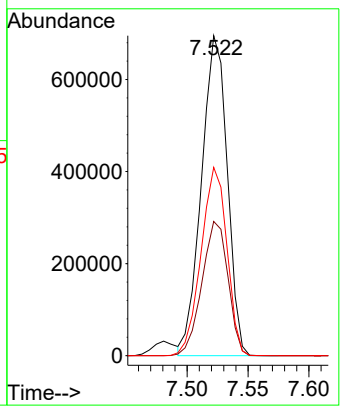
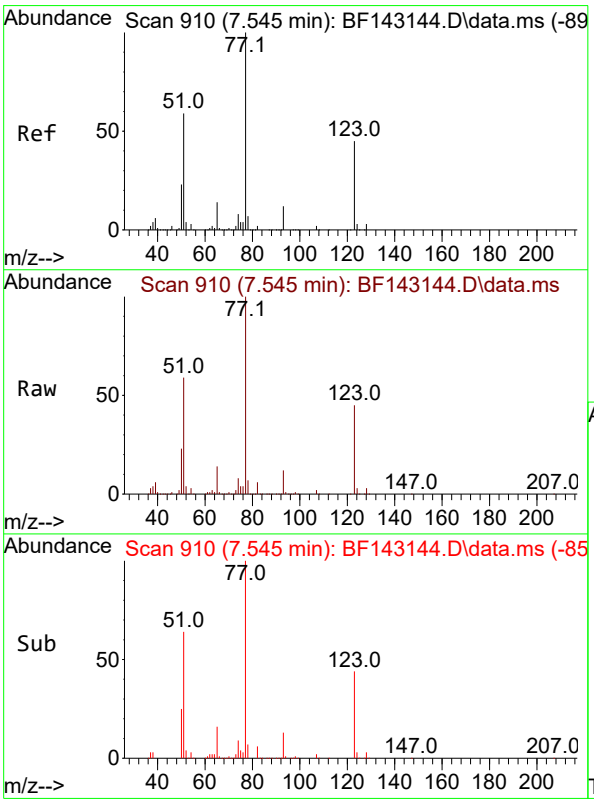
Supervised By :Jagrut Upadhyay 07/18/2025

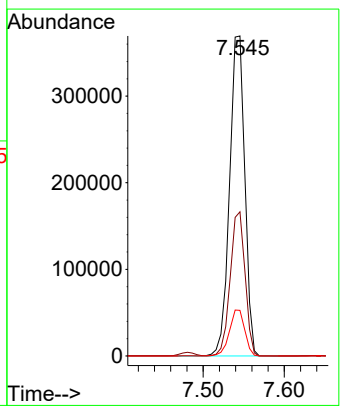


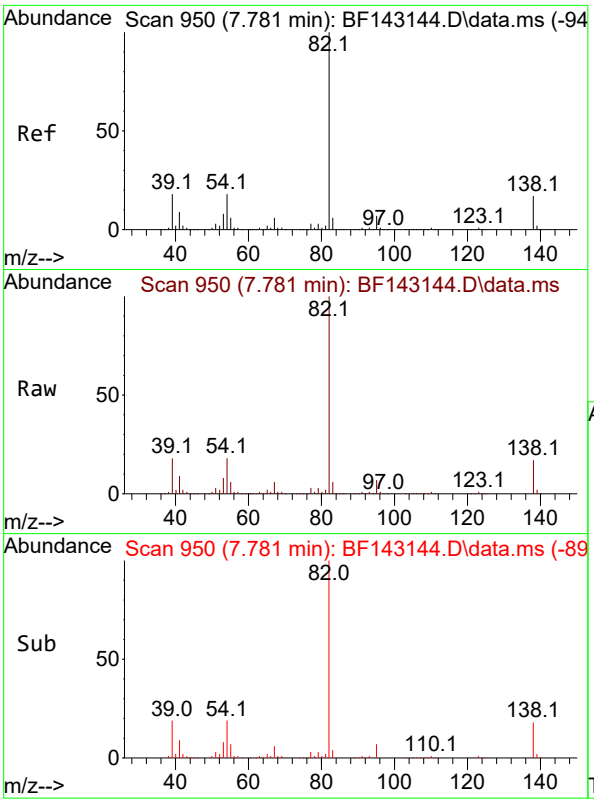




#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.1 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |

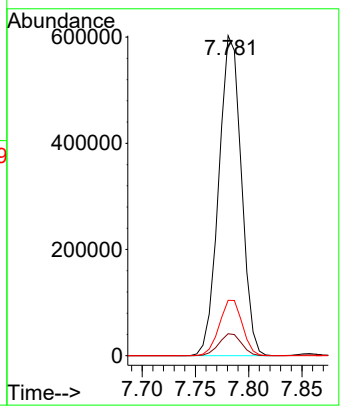





#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 82 Resp: 88801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 17.3 | 13.8 | 20.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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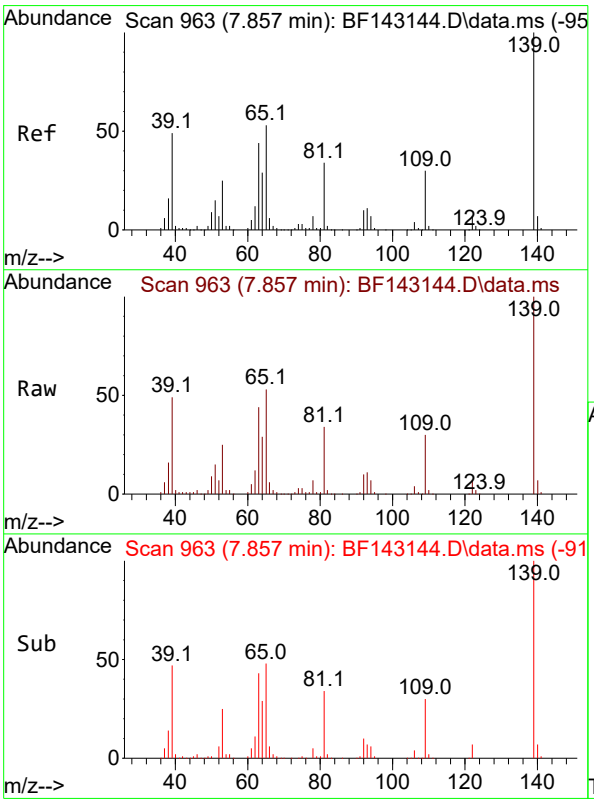
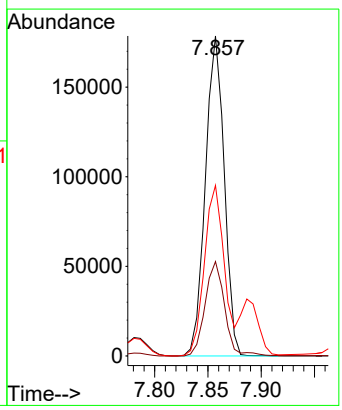
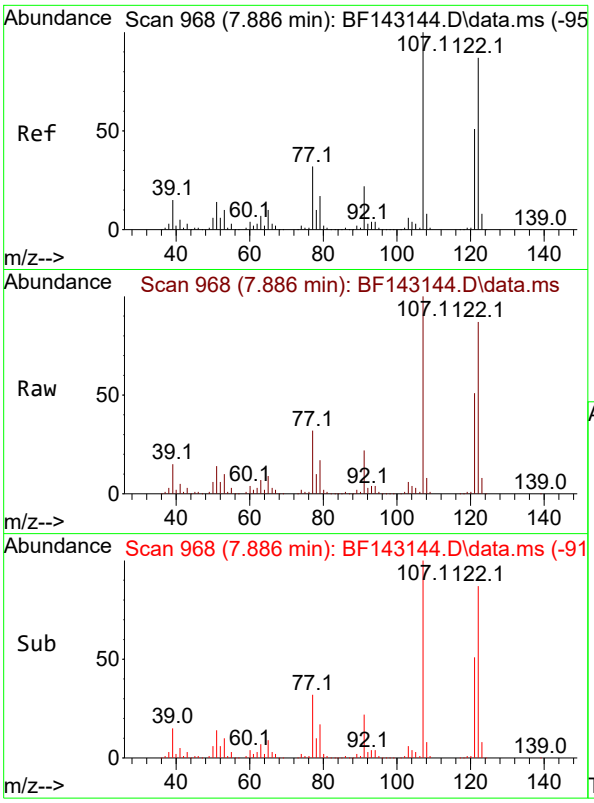



#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.5 | 23.6 | 35.4 |
| 65 | 53.3 | 42.6 | 64.0 |

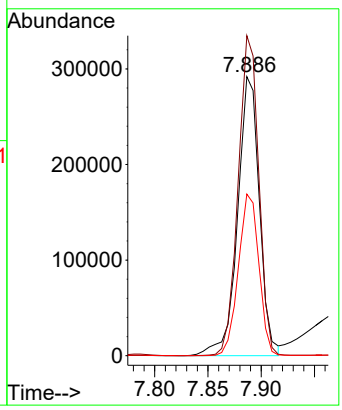





#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 41612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.7 | 91.8 | 137.6 |
| 121 | 57.9 | 46.3 | 69.5 |

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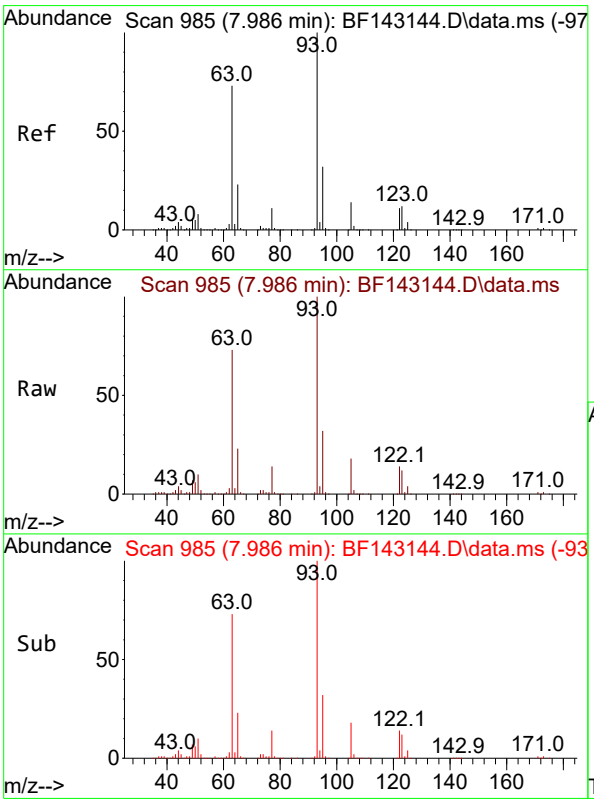
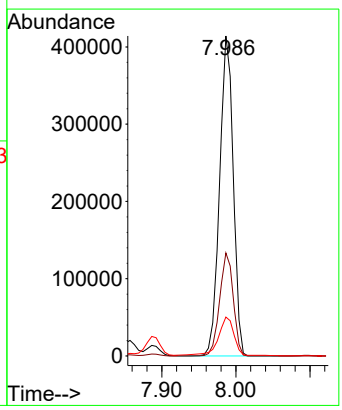
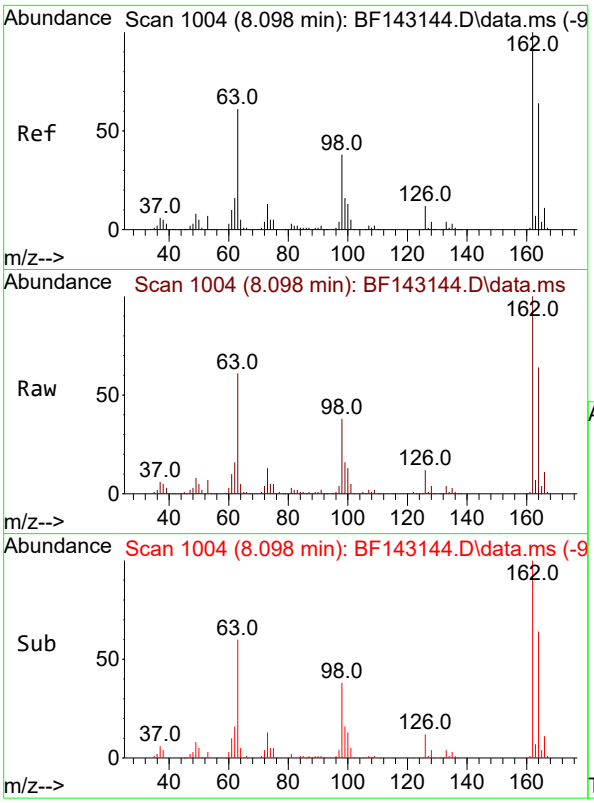



#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 12.1 | 9.7 | 14.5 |






#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 35386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 37.9 | 17.9 | 57.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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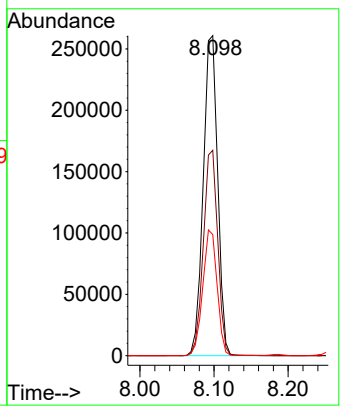
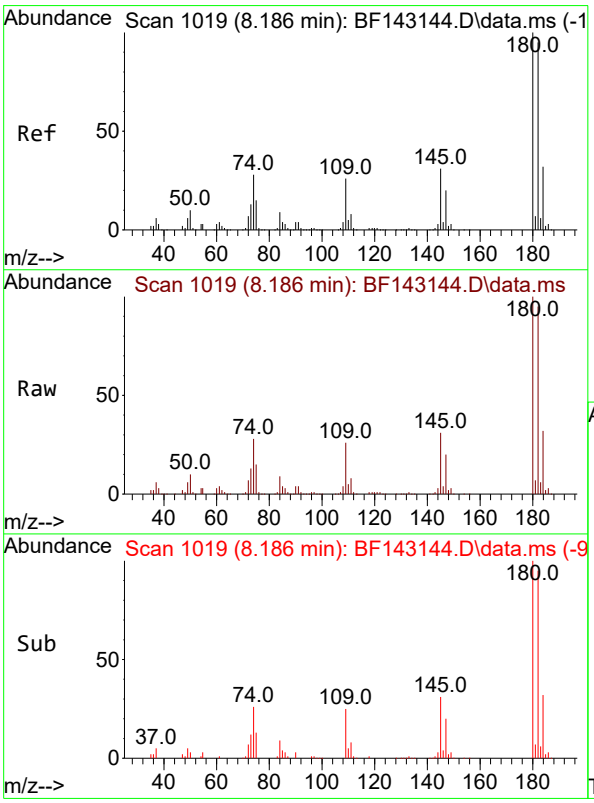
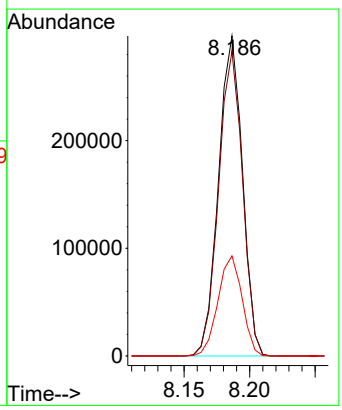


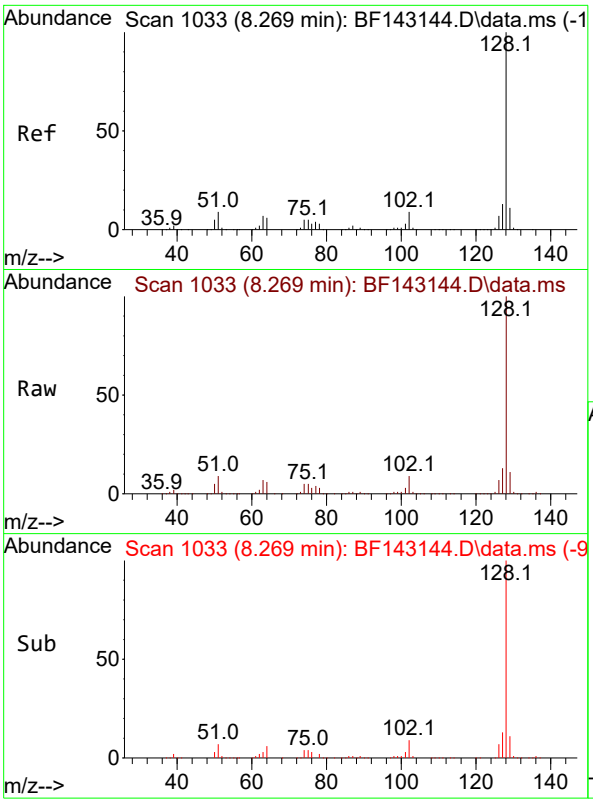




#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.2 | 114.2 |
| 145 | 31.3 | 25.0 | 37.6 |

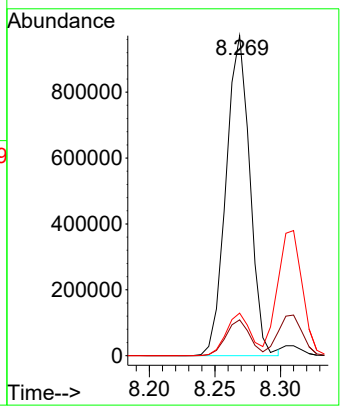





#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 122403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

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BNA_F
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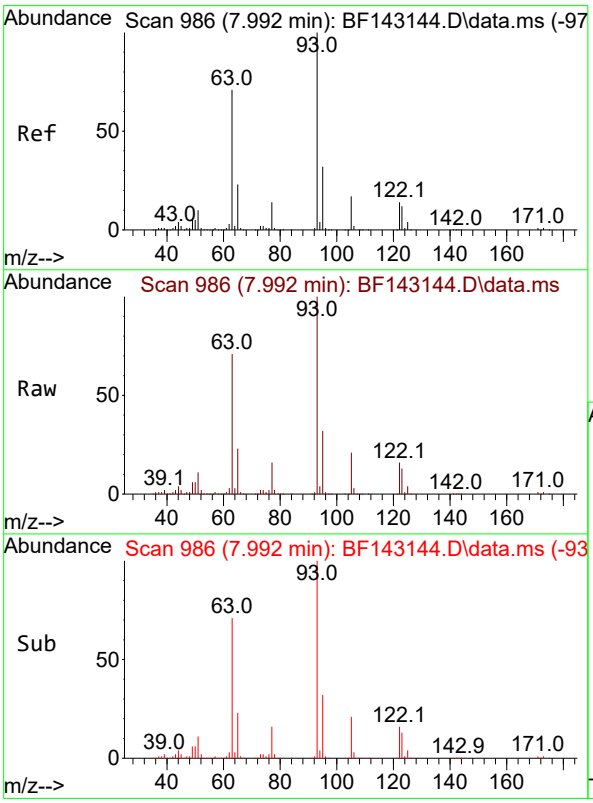
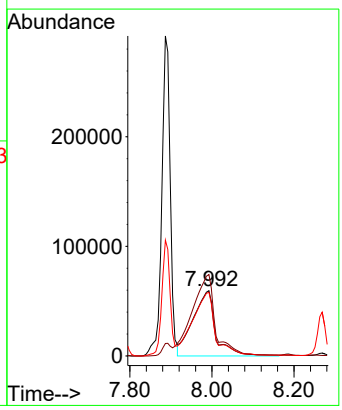
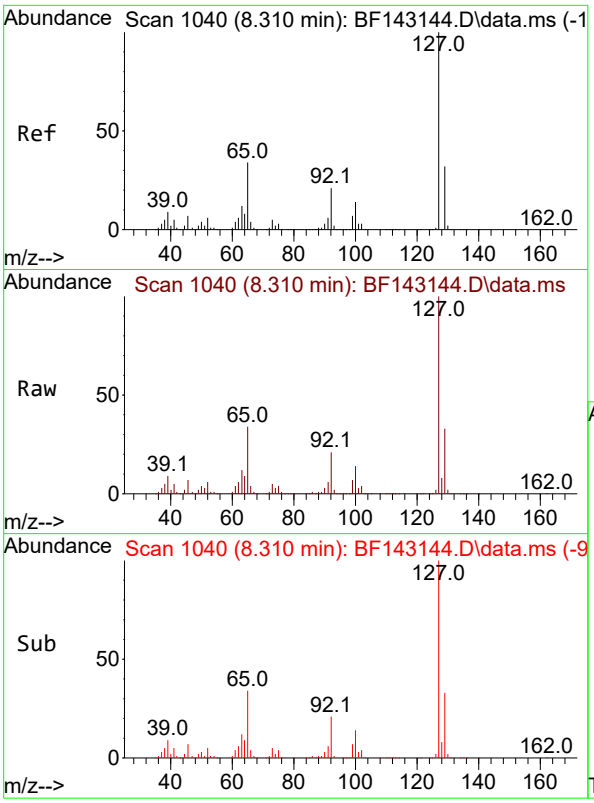



#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 230958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.8 | 104.8 | 144.8 |
| 77 | 97.6 | 77.6 | 117.6 |

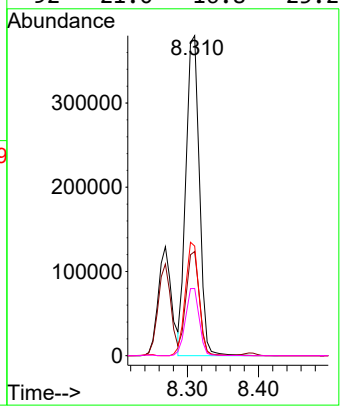





#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:127 Resp: 50040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 26.0 | 39.0 |
| 65 | 34.3 | 27.4 | 41.2 |
| 92 | 21.0 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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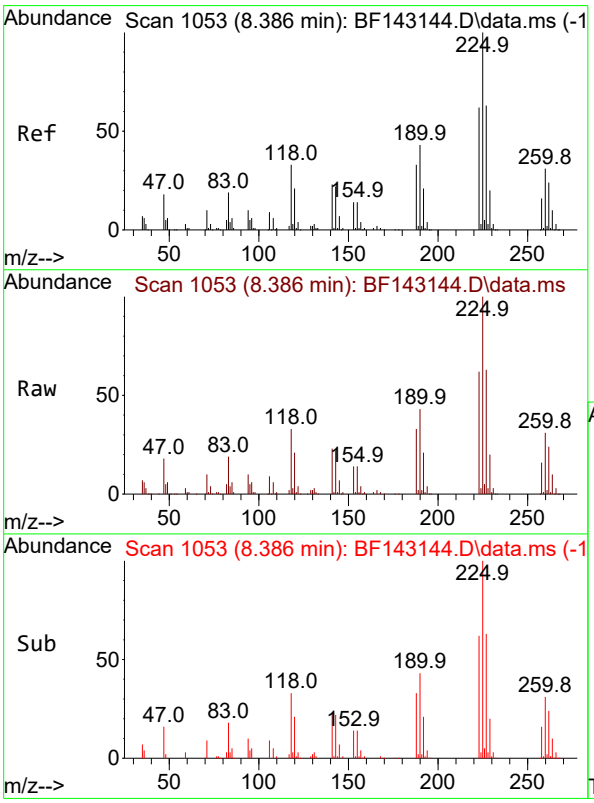
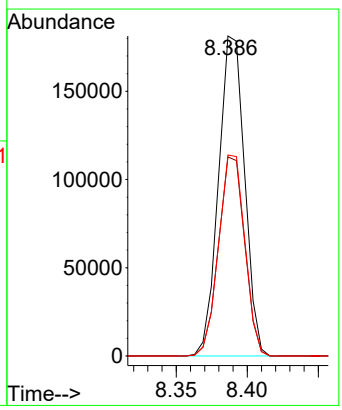
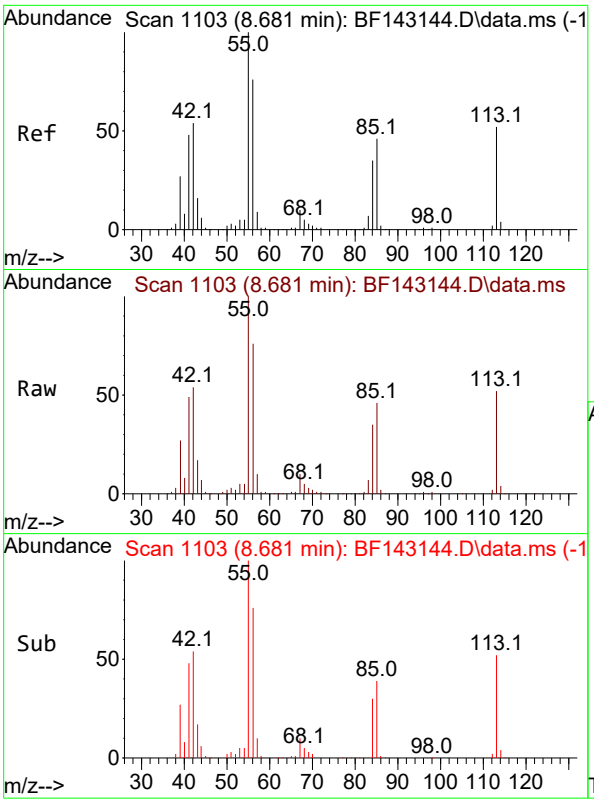



#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.8 | 74.6 |
| 227 | 62.8 | 50.2 | 75.4 |






#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:113 Resp: 11173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 194.0 | 174.0 | 214.0 |
| 56 | 146.6 | 126.6 | 166.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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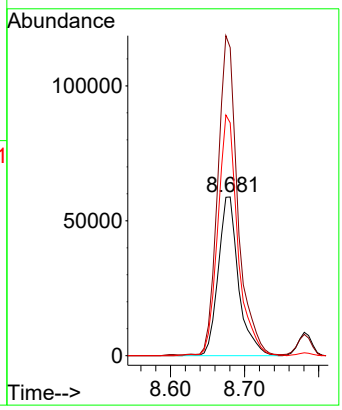
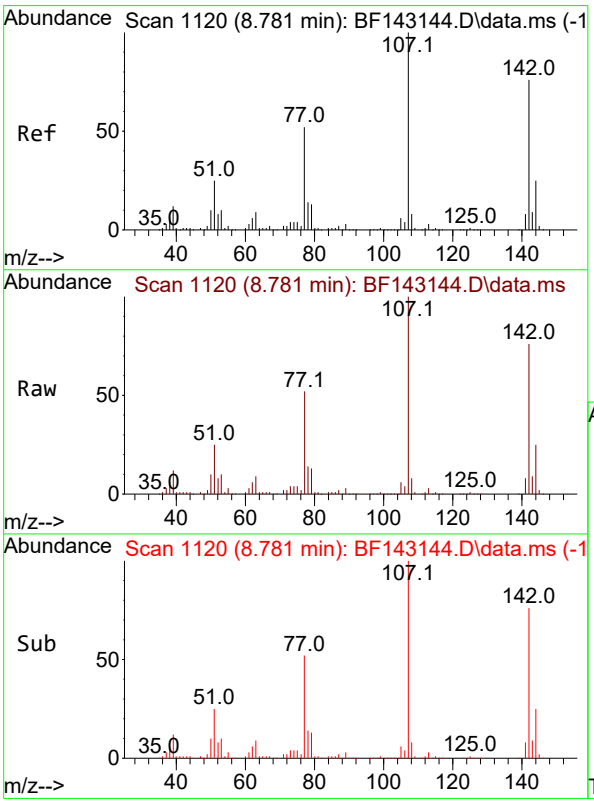
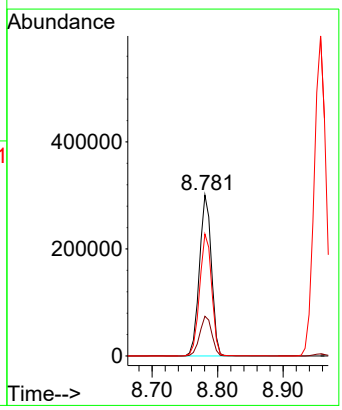


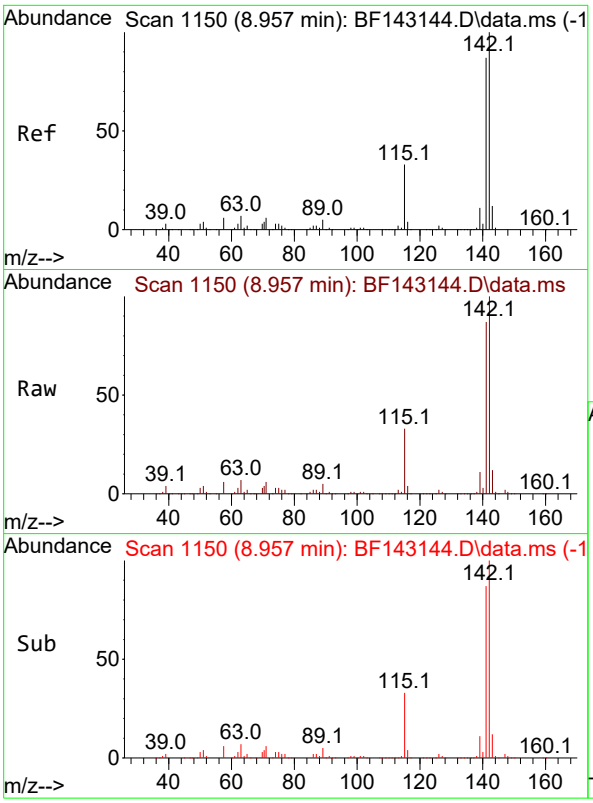




#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 19.8 | 29.6 |
| 142 | 75.7 | 60.6 | 90.8 |






#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 74429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 69.9 | 104.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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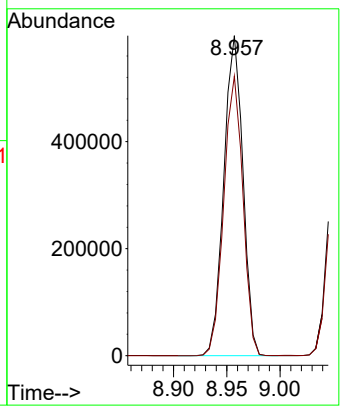
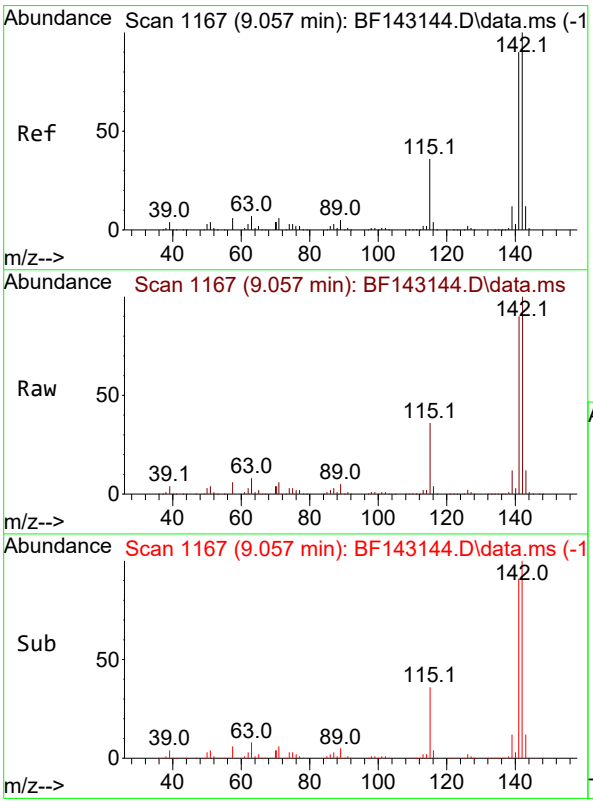
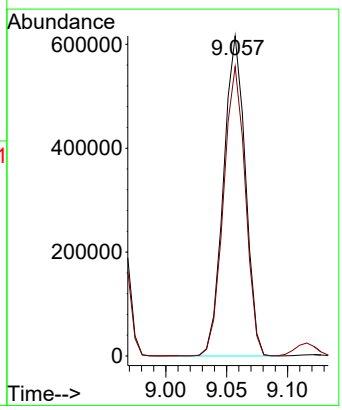


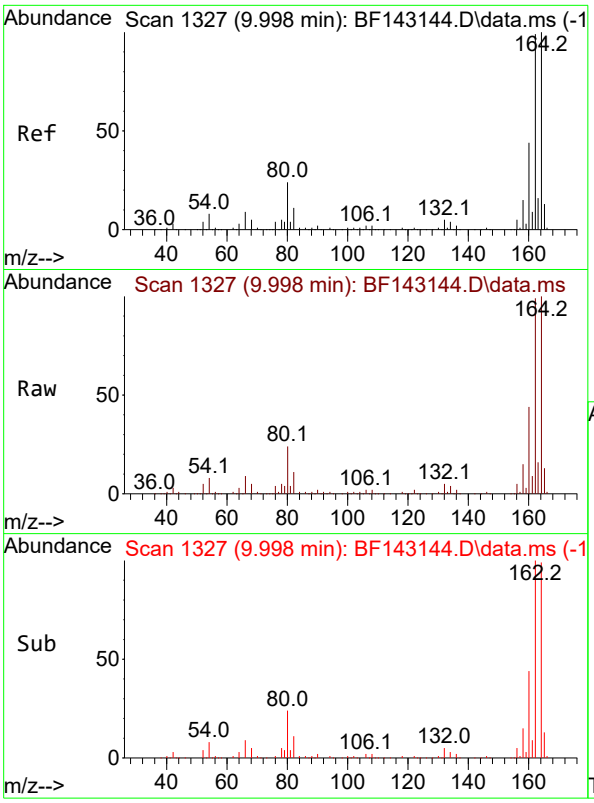




#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |

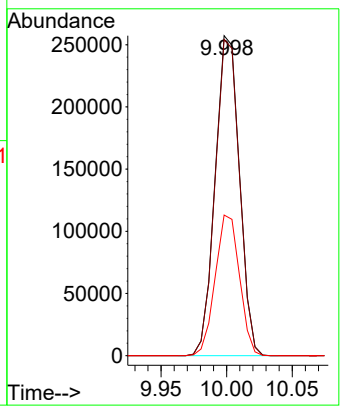





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:164 Resp: 33188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 79.0 | 118.6 |
| 160 | 43.9 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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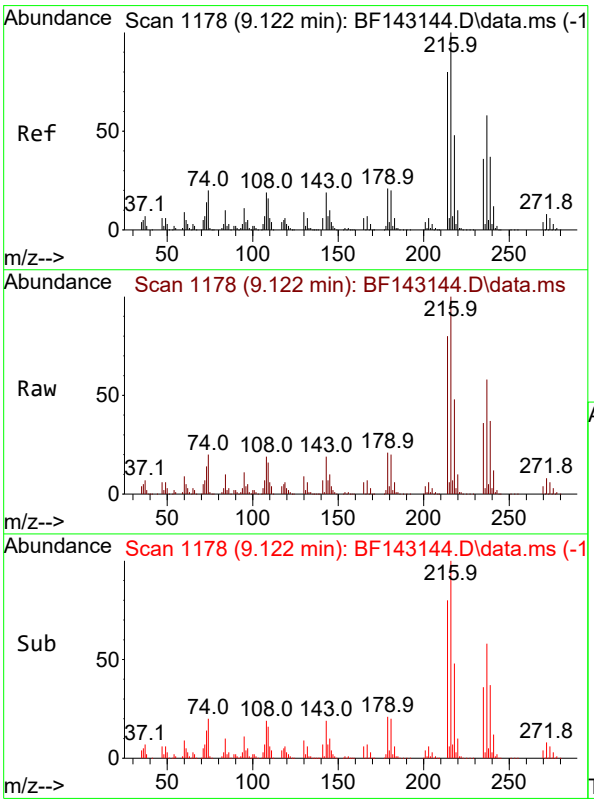
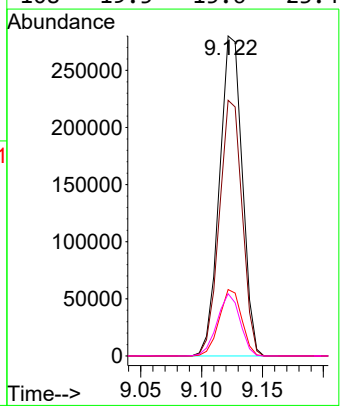
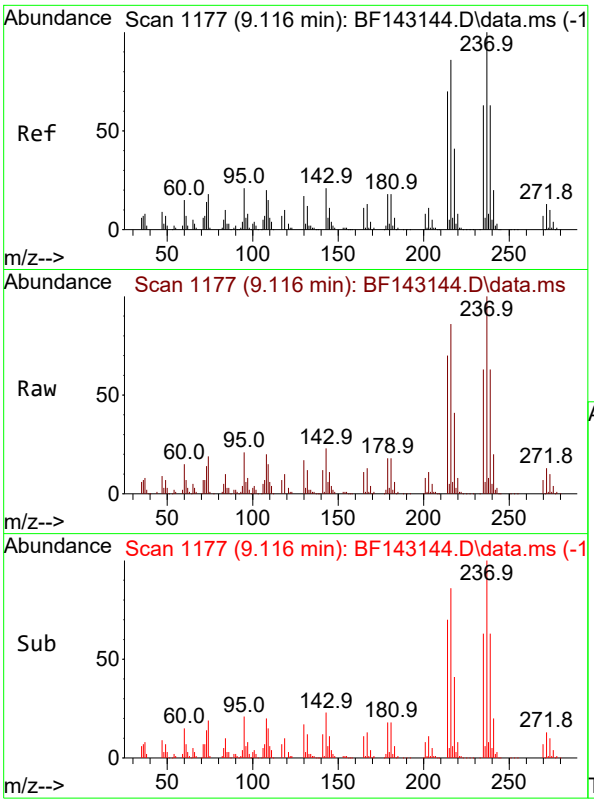



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 19.5 | 15.6 | 23.4 |

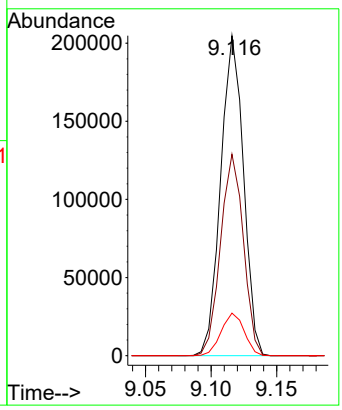





#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:237 Resp: 24748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 43.0 | 83.0 |
| 272 | 13.3 | 0.0 | 33.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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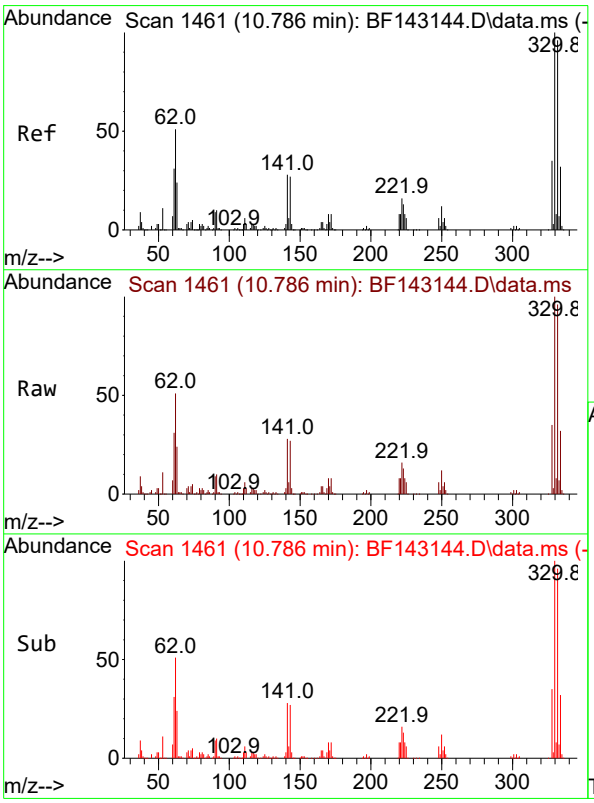
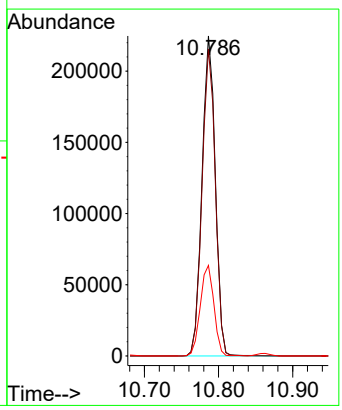
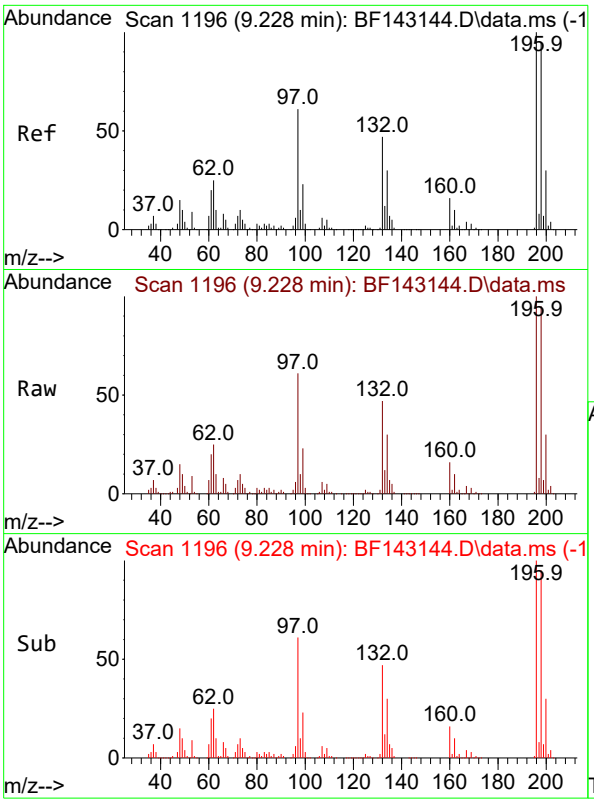



#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.7 | 115.1 |
| 141 | 29.1 | 23.3 | 34.9 |

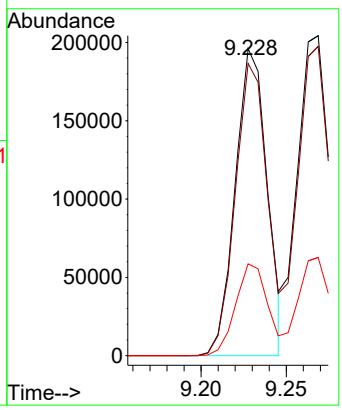





#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 25511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |




**Instrument :**
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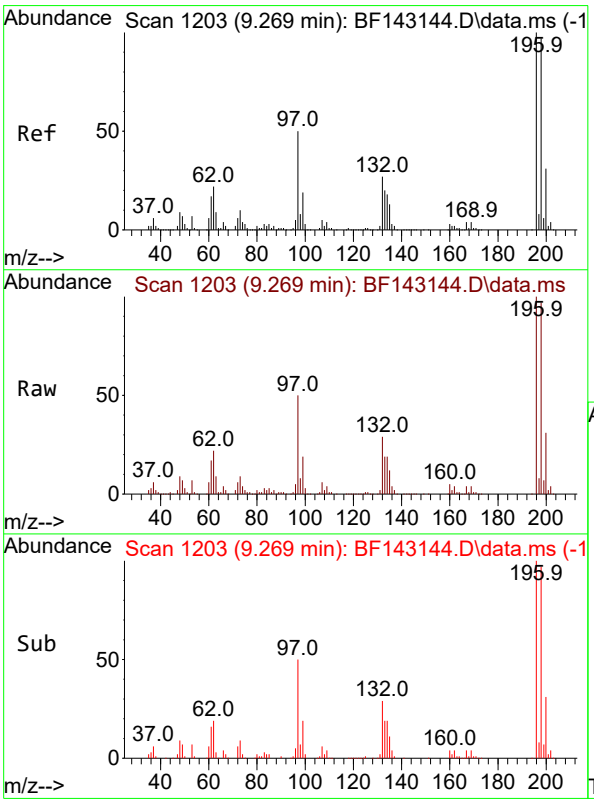
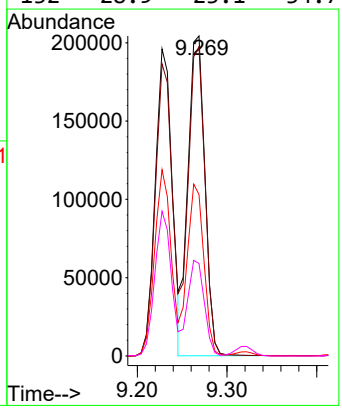
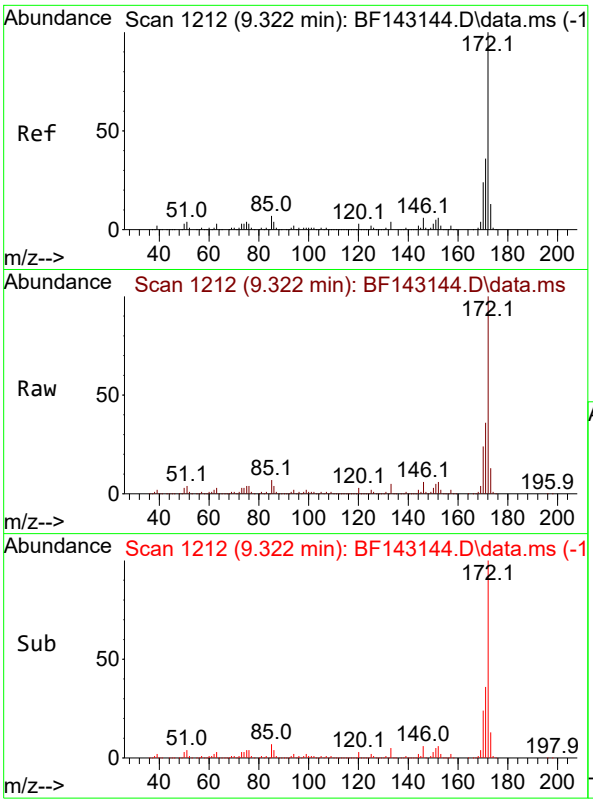



#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 77.3 | 115.9 |
| 97 | 50.4 | 40.3 | 60.5 |
| 132 | 28.9 | 23.1 | 34.7 |

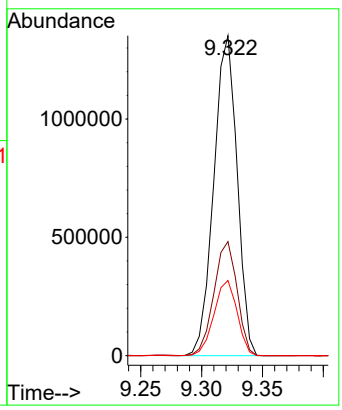





#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:172 Resp: 180239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |




**Instrument :**
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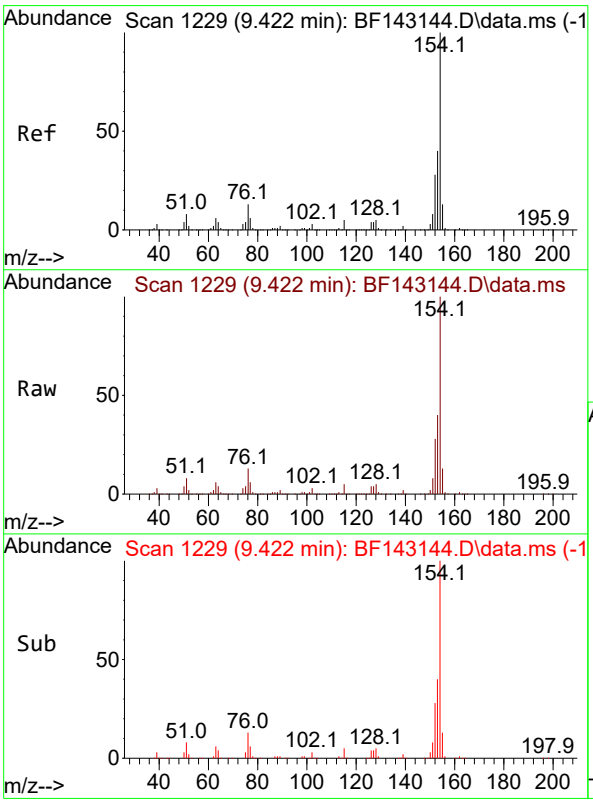
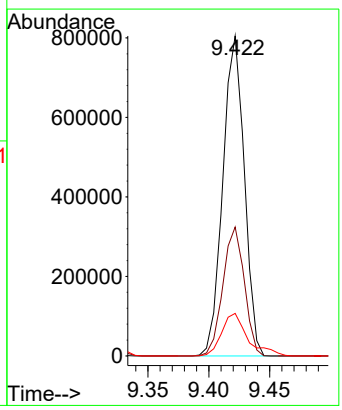
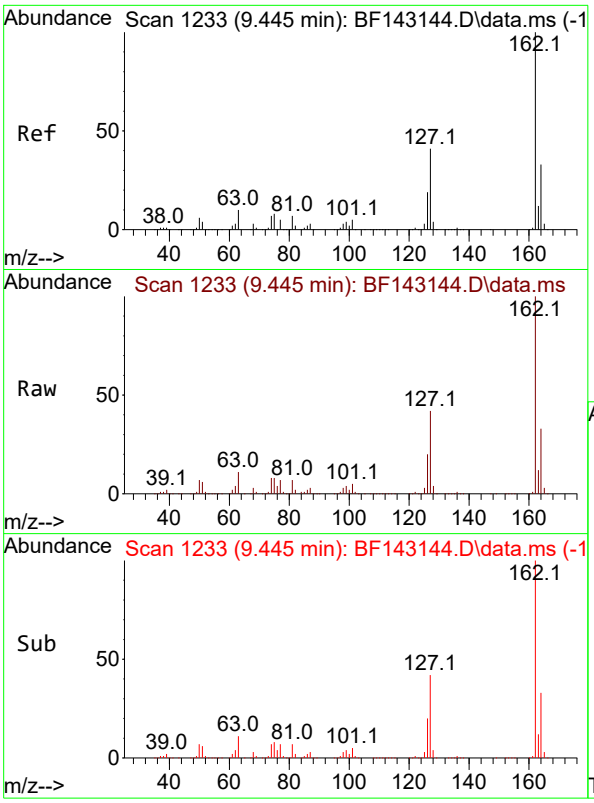



#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.3 | 60.3 |
| 76 | 13.3 | 0.0 | 33.3 |

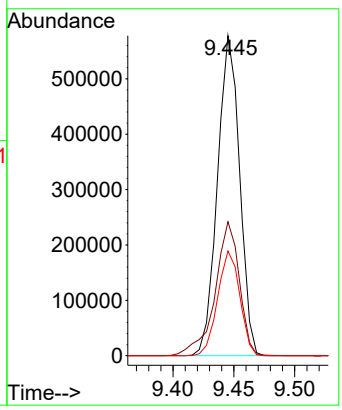





#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:162 Resp: 731879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.8 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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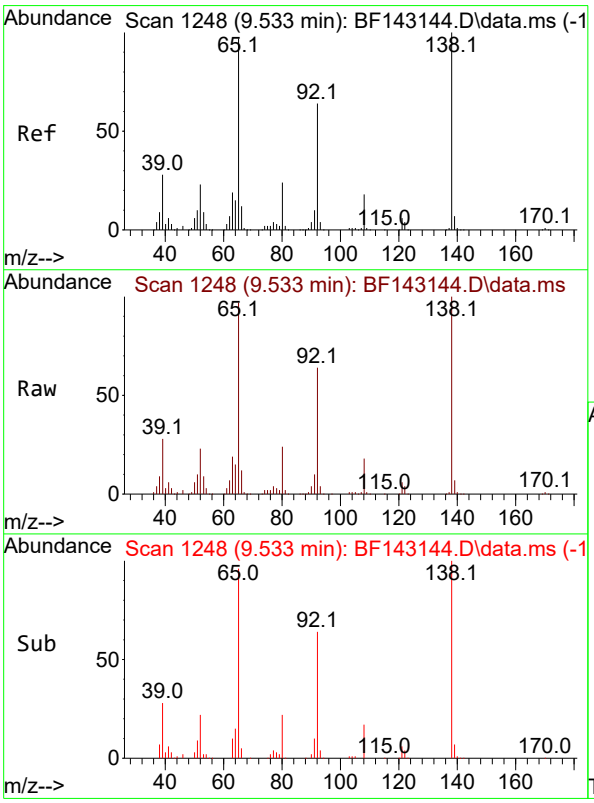
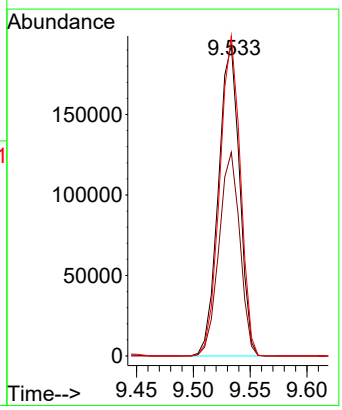
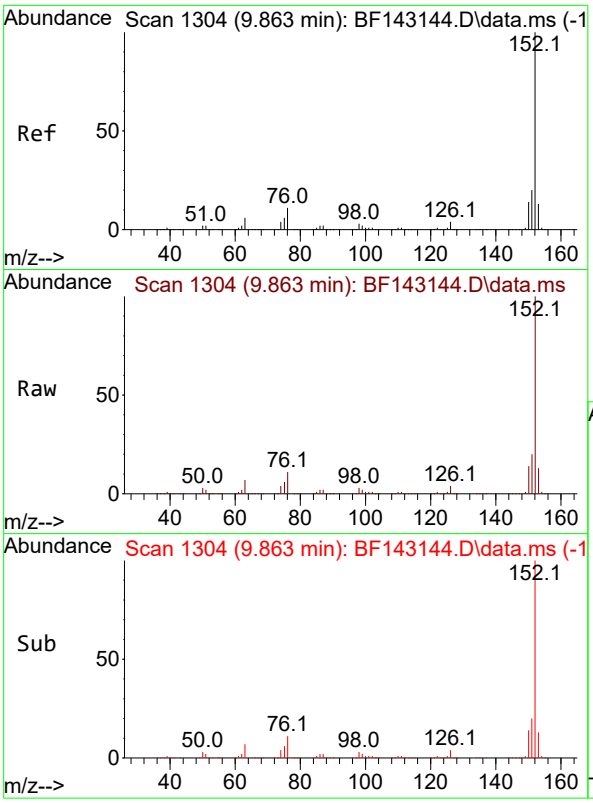



#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.5 | 52.4 | 78.6 |
| 138 | 102.9 | 82.3 | 123.5 |

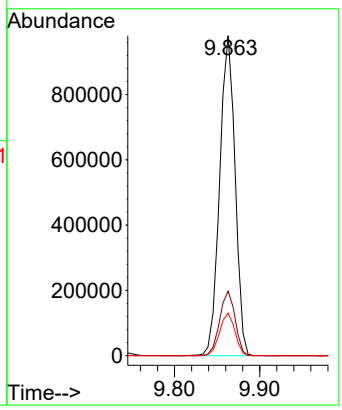





#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:152 Resp: 123478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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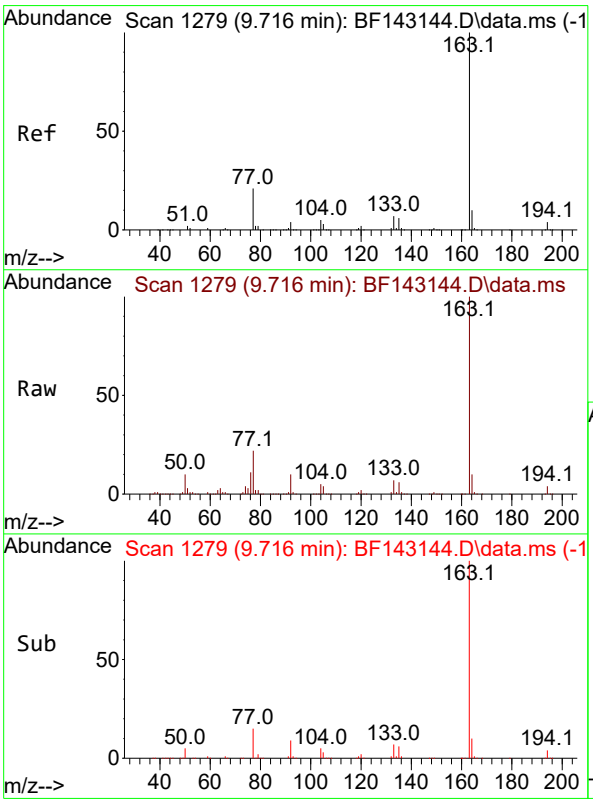
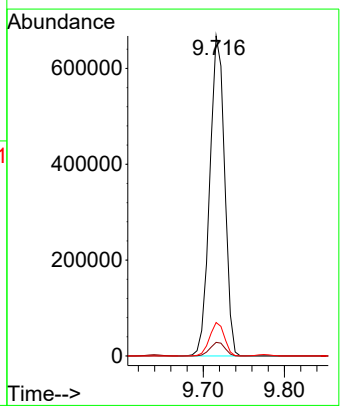
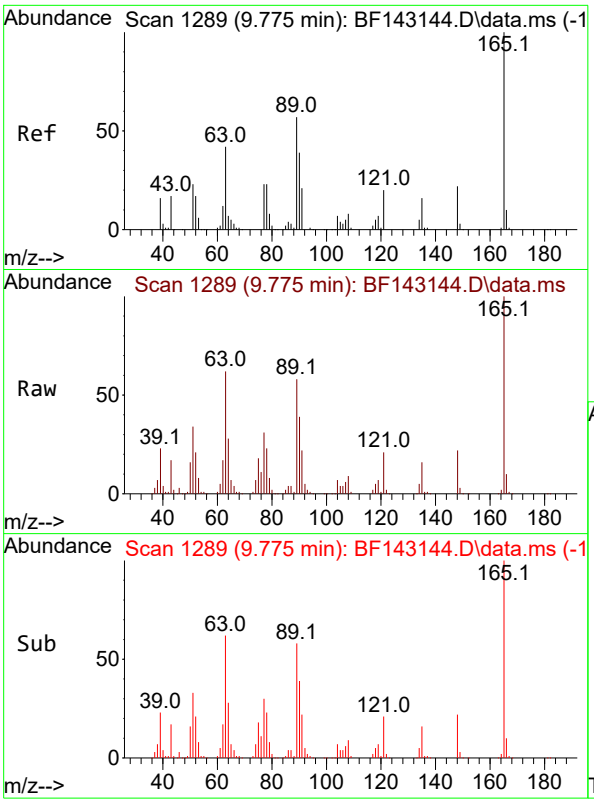



#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.4 | 8.3 | 12.5 |






#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 18424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.8 | 49.4 | 74.2 |
| 89 | 57.7 | 46.2 | 69.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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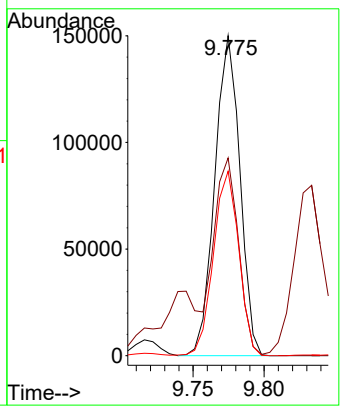
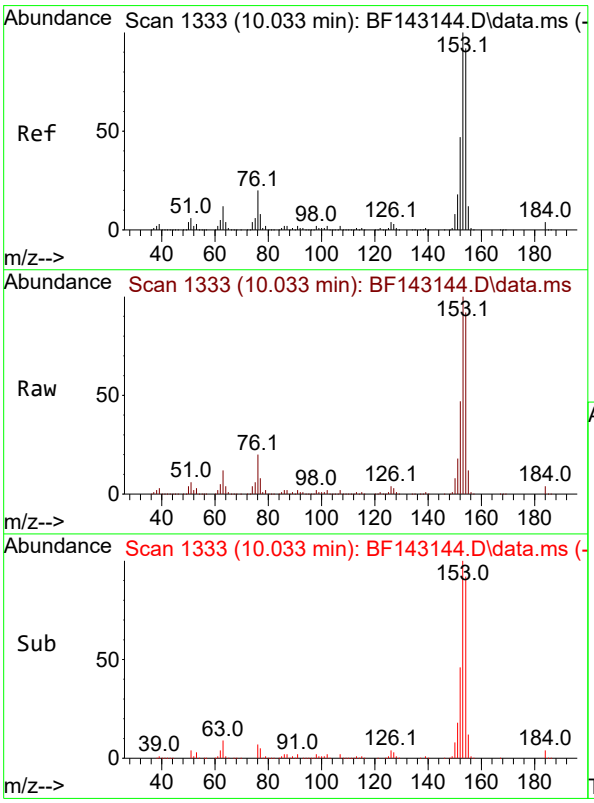
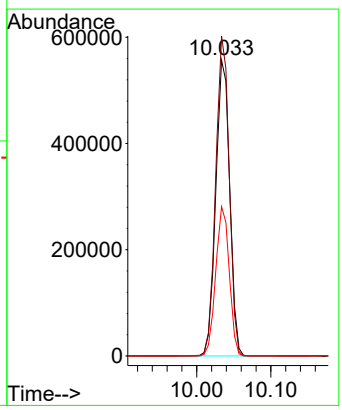


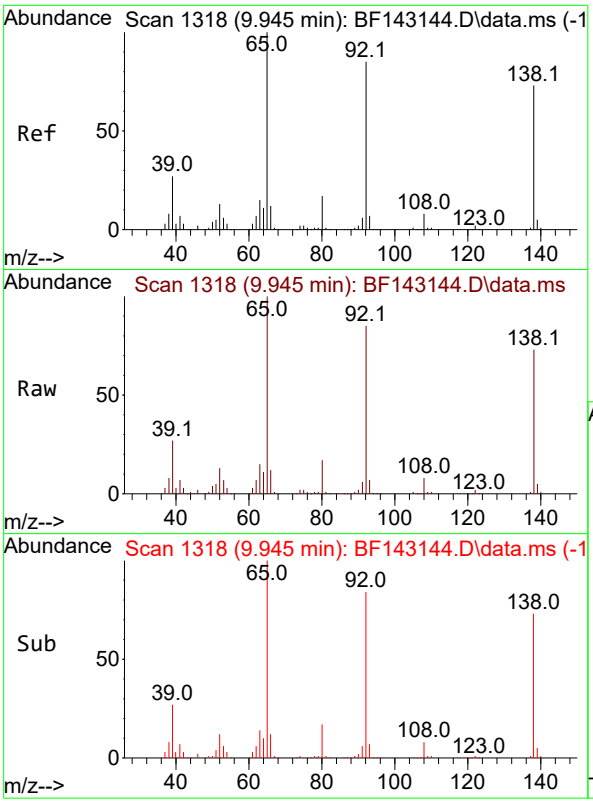




#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.2 | 86.6 | 129.8 |
| 152 | 50.5 | 40.4 | 60.6 |

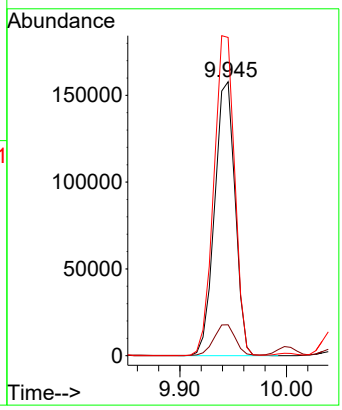





#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 21017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.3 | 9.0 | 13.6 |
| 92 | 116.2 | 93.0 | 139.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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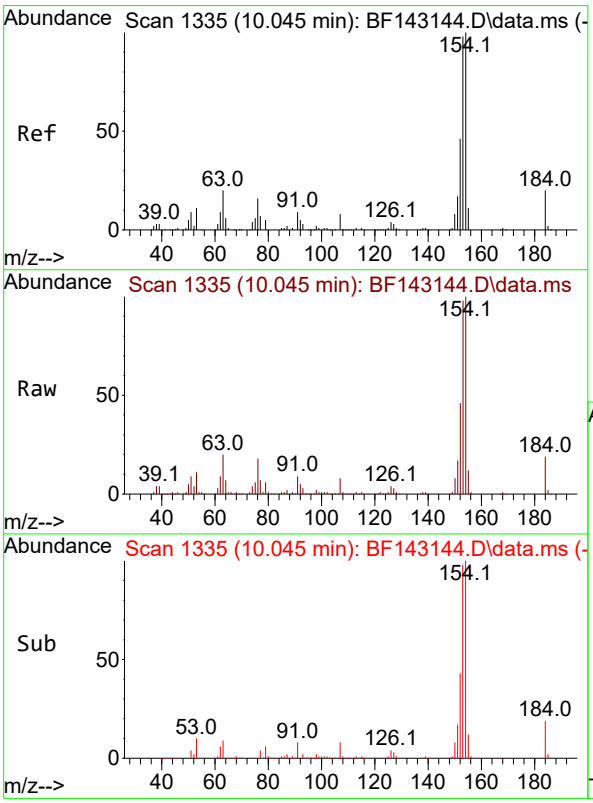
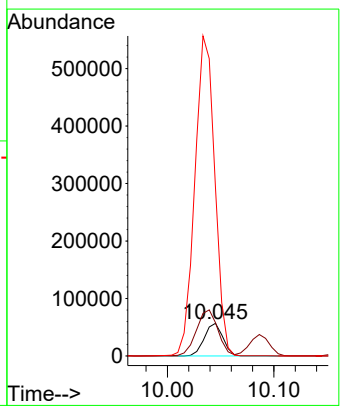
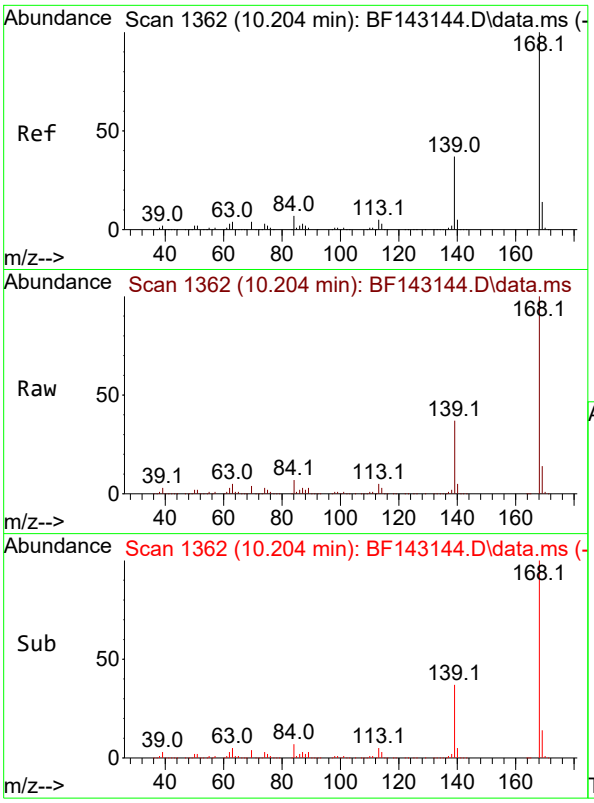



#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 102.2 | 81.8 | 122.6 |
| 154 | 515.3 | 412.2 | 618.4 |

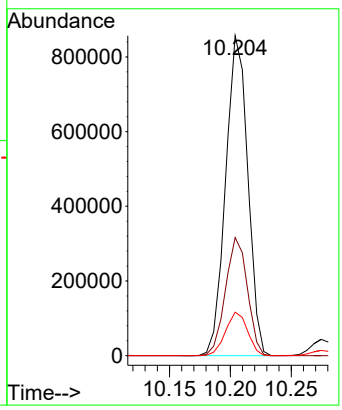





#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:168 Resp: 108367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.6 | 10.9 | 16.3 |




**Instrument :**
BNA_F
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SSTDICCC040

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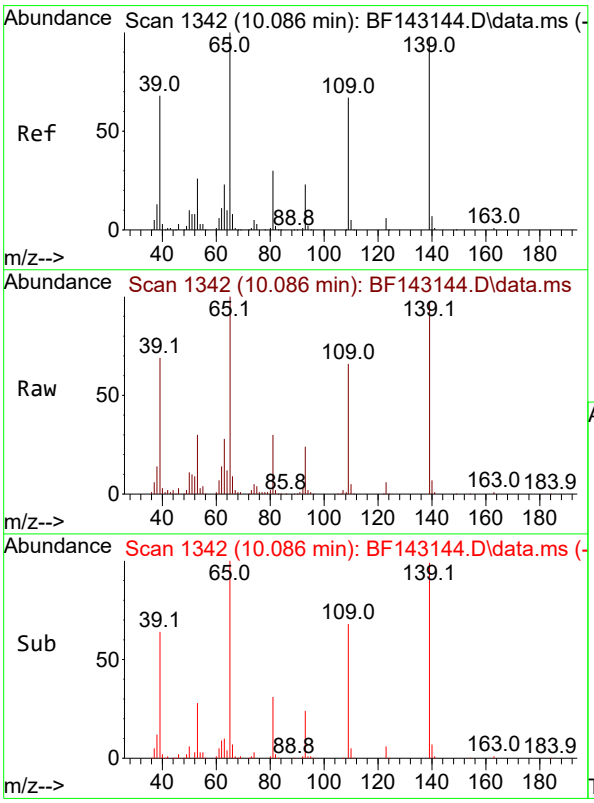
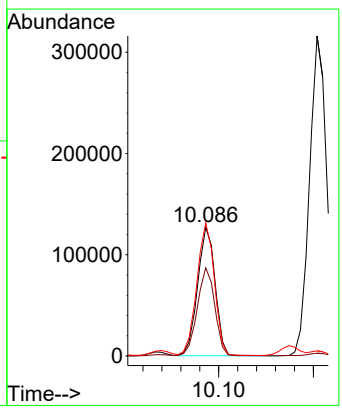
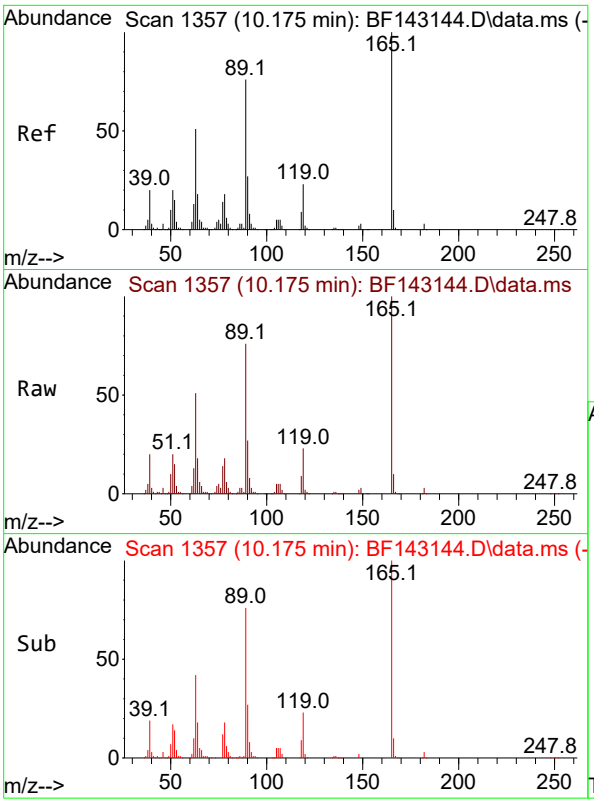



#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.5 | 48.5 | 88.5 |
| 65 | 103.4 | 83.4 | 123.4 |

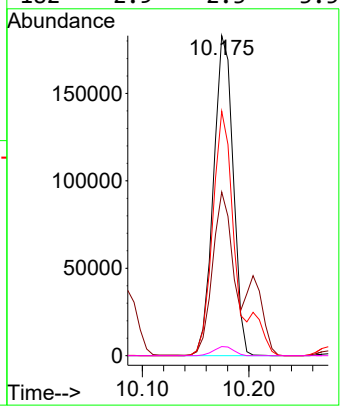





#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:165 Resp: 23510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.2 | 41.0 | 61.4 |
| 89 | 76.4 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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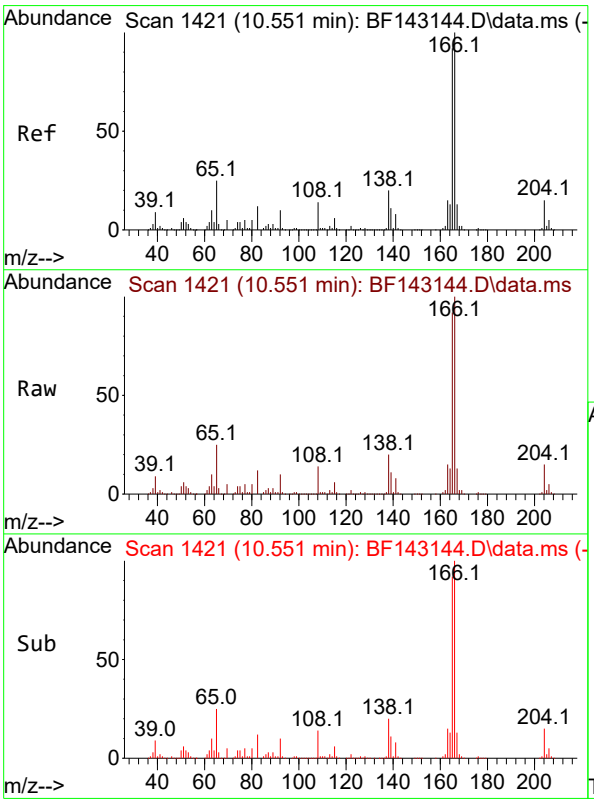
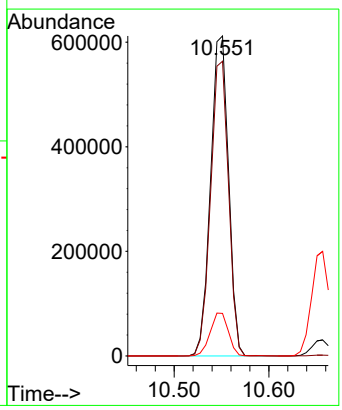
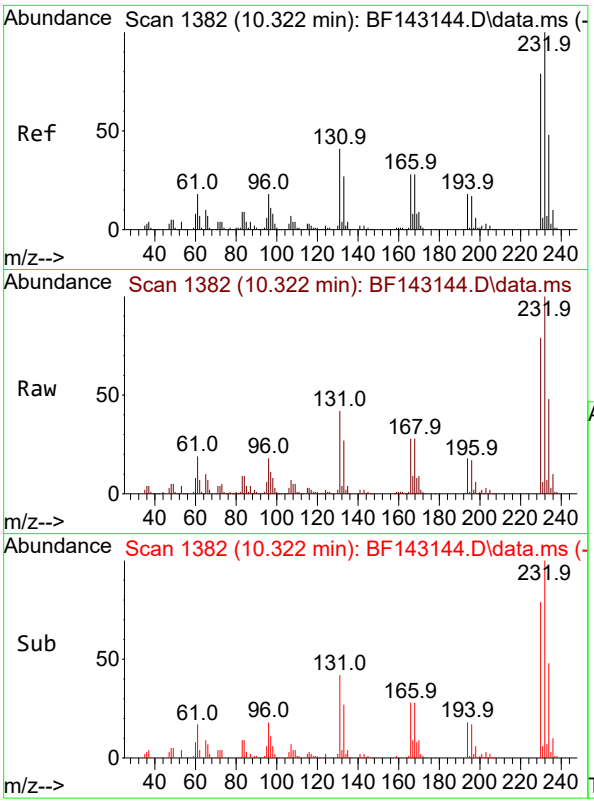



#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.3 | 10.6 | 16.0 |

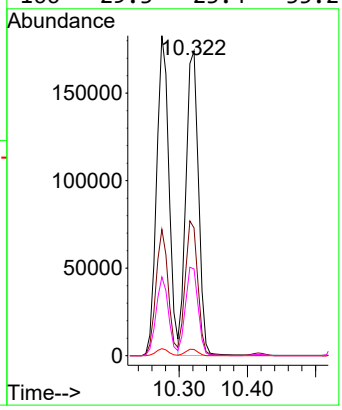





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:232 Resp: 22087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.1 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 29.3 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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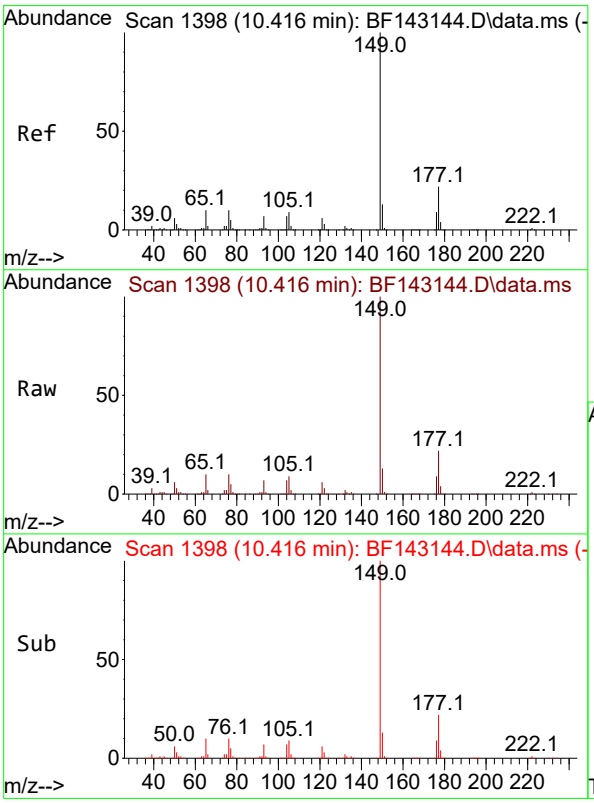
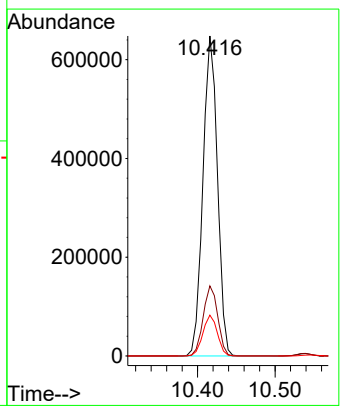
Supervised By :Jagrut Upadhyay 07/18/2025

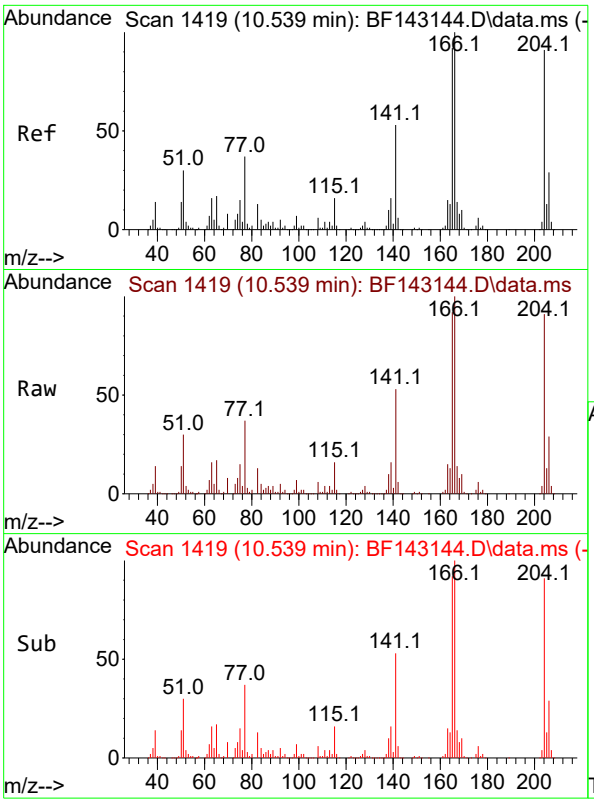



#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.9 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |

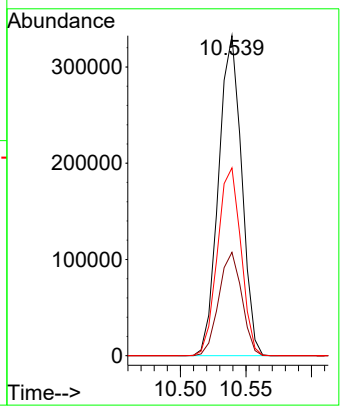





#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:204 Resp: 40647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 25.8 | 38.8 |
| 141 | 58.7 | 47.0 | 70.4 |




**Instrument :**
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SSTDICCC040

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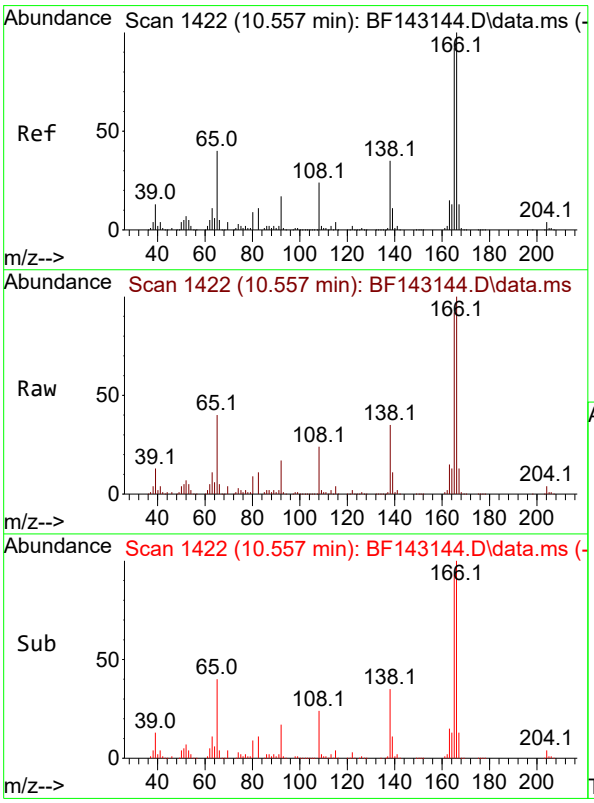
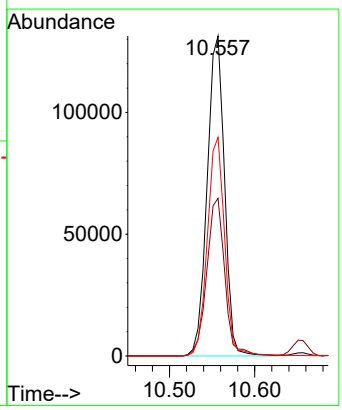
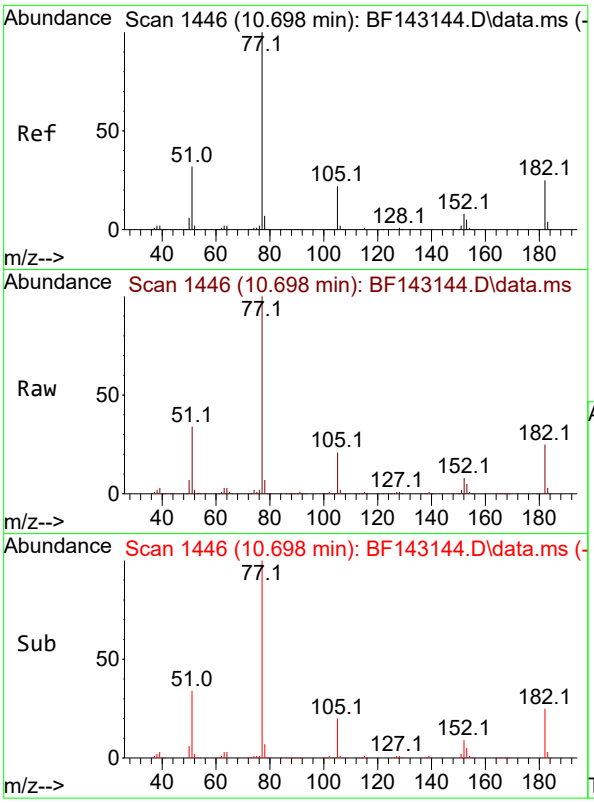



#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 29.3 | 69.3 |
| 108 | 68.3 | 48.3 | 88.3 |

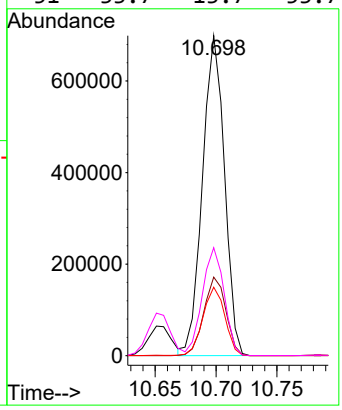





#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 87638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 4.6 | 44.6 |
| 105 | 21.4 | 1.4 | 41.4 |
| 51 | 33.7 | 13.7 | 53.7 |




**Instrument :**
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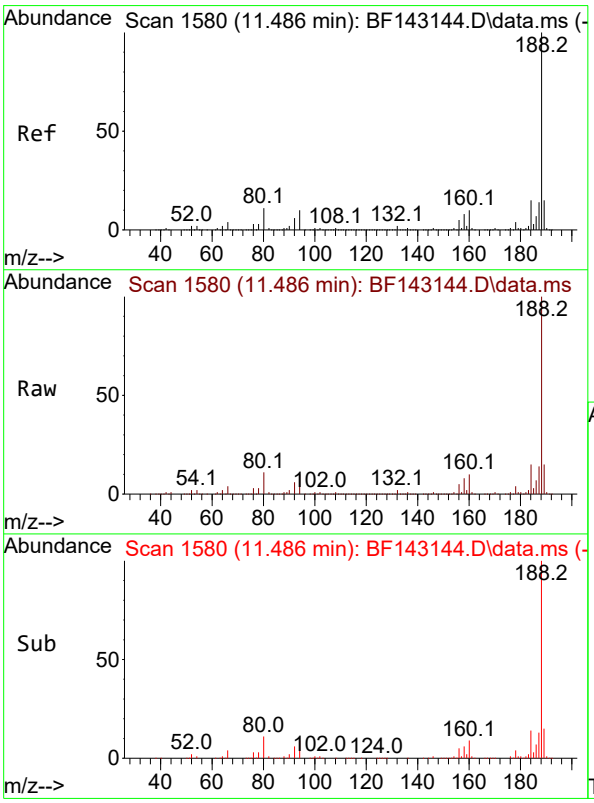
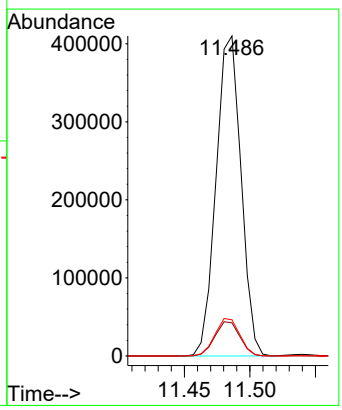
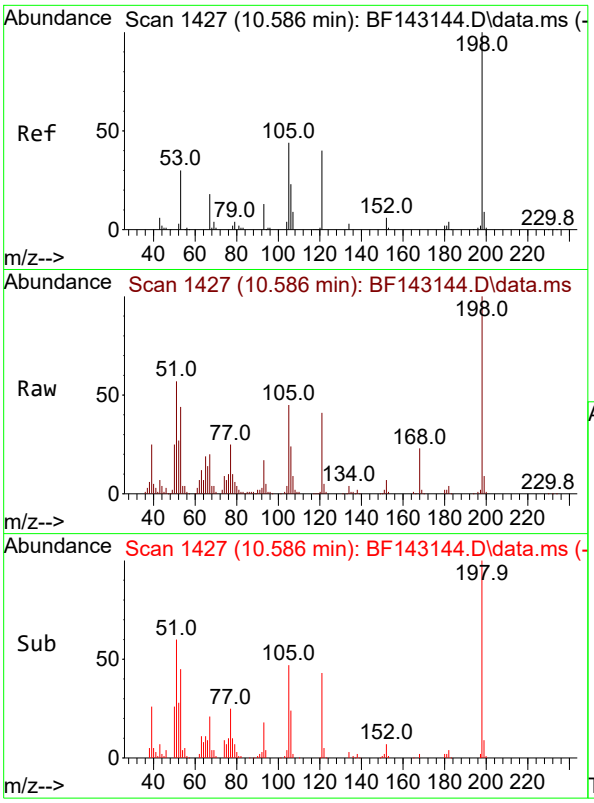



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 8.3 | 12.5 |
| 80 | 11.3 | 9.0 | 13.6 |






#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:198 Resp: 10553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.2 | 37.2 | 77.2 |
| 105 | 44.8 | 24.8 | 64.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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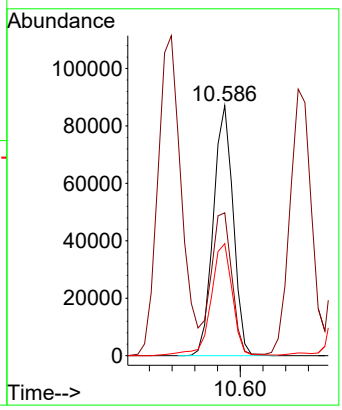
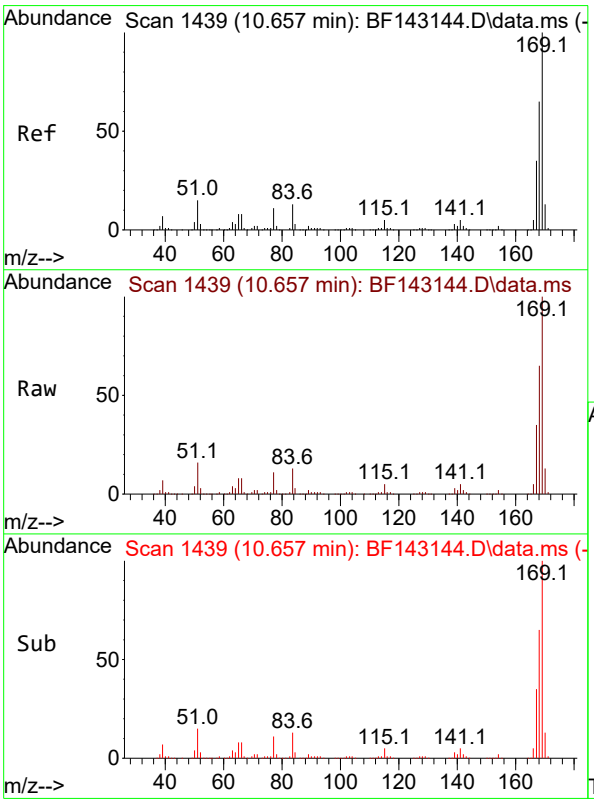
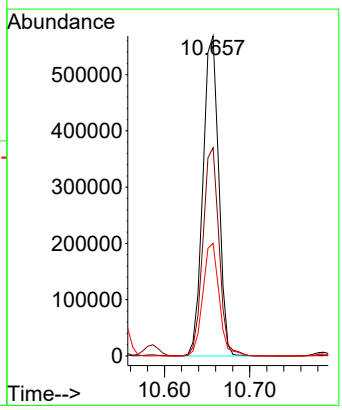


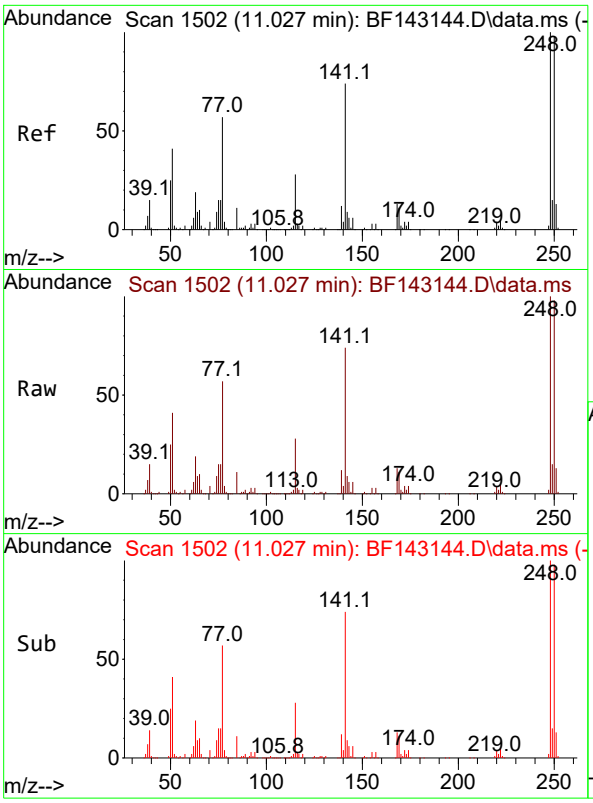




#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 52.1 | 78.1 |
| 167 | 35.2 | 28.2 | 42.2 |

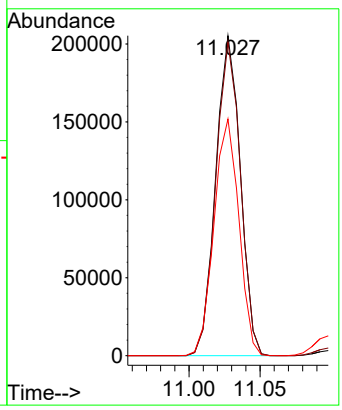





#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:248 Resp: 24776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.3 | 117.5 |
| 141 | 74.0 | 59.2 | 88.8 |




**Instrument :**
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**ClientSampleId :**
SSTDICCC040

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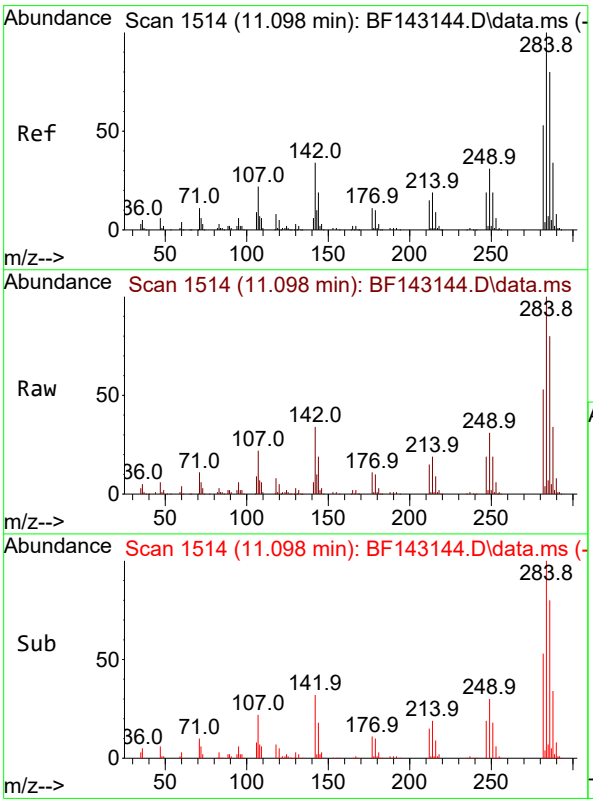
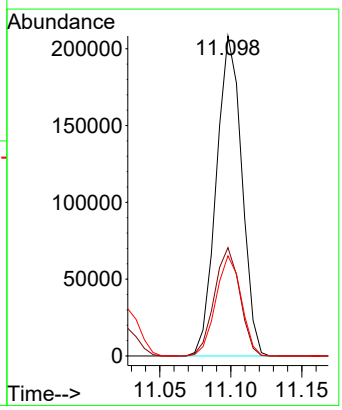
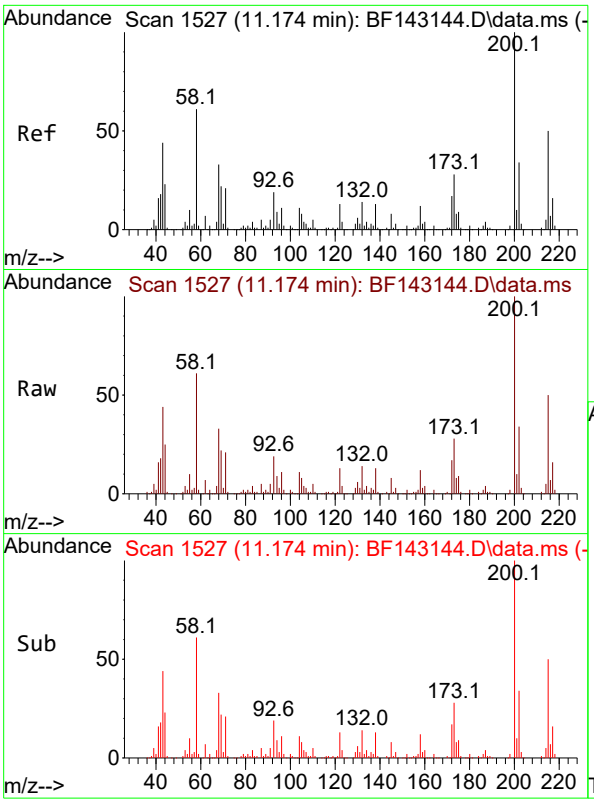



#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.8 | 27.0 | 40.6 |
| 249 | 31.3 | 25.0 | 37.6 |

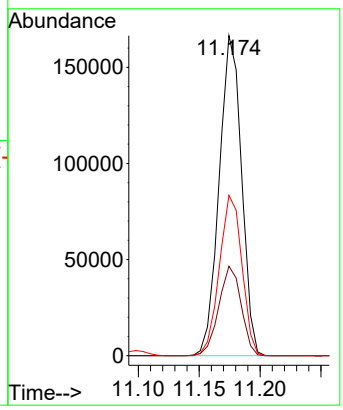





#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:200 Resp: 21297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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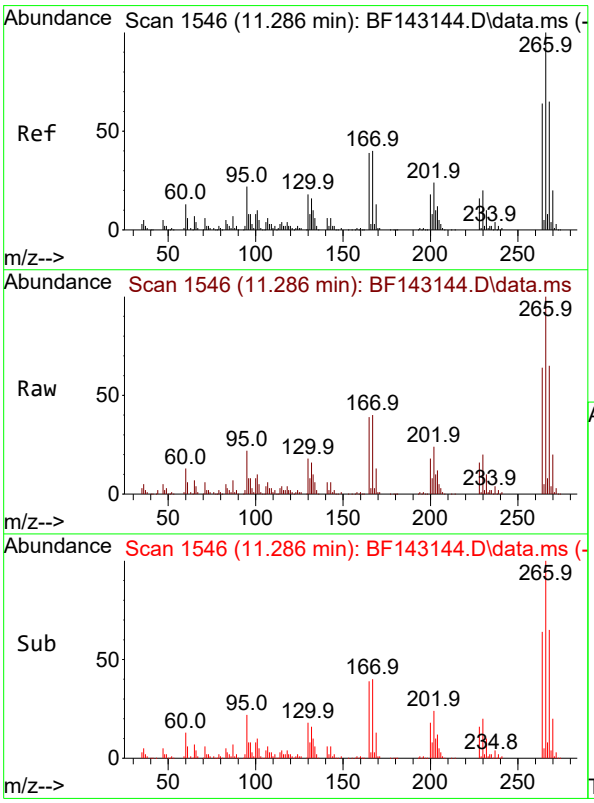
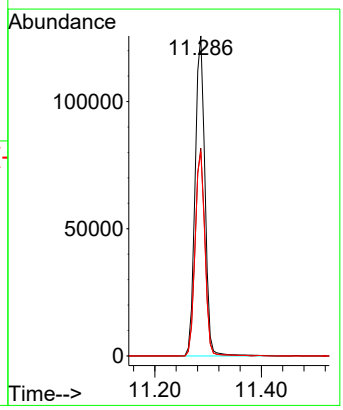
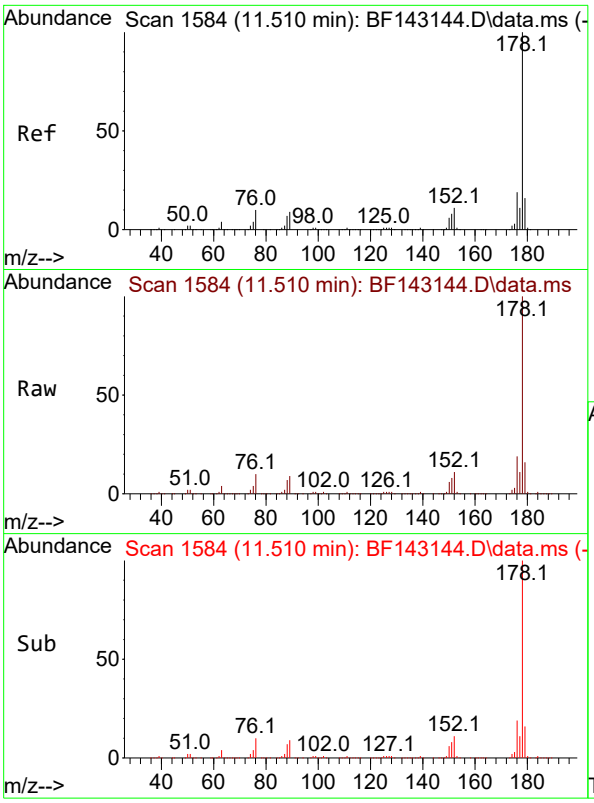



#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.9 | 51.9 | 77.9 |
| 264 | 63.8 | 51.0 | 76.6 |

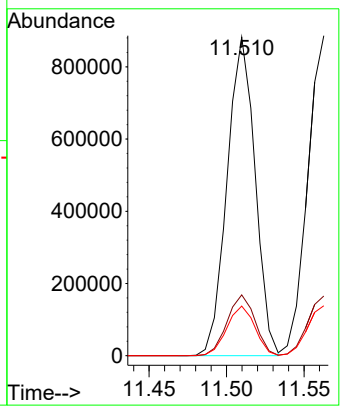





#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 110741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.6 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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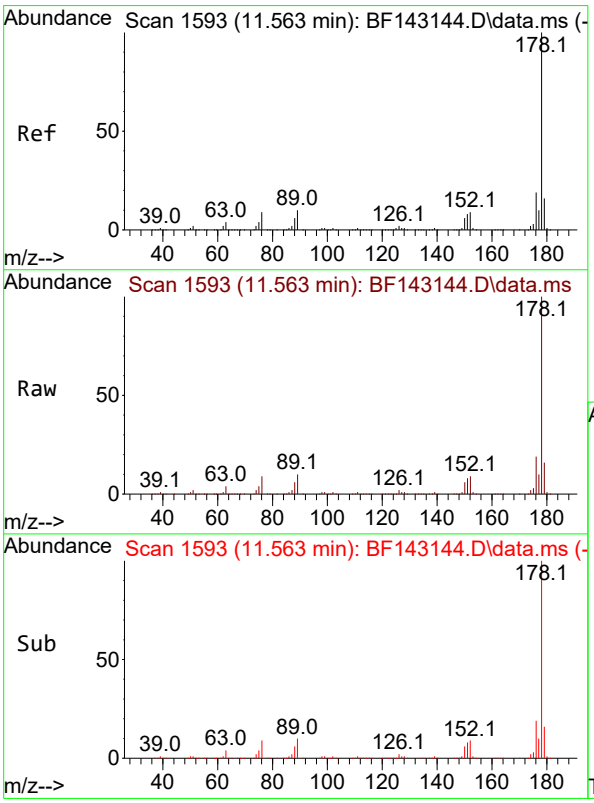
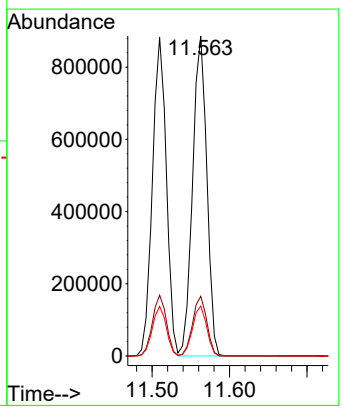
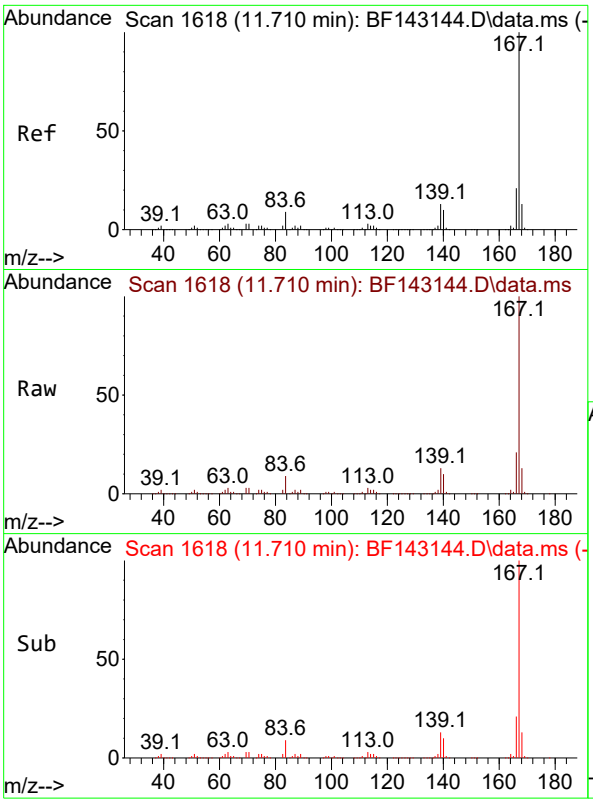



#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.6 | 12.5 | 18.7 |

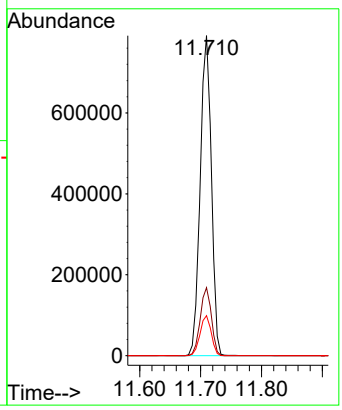





#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:167 Resp: 100866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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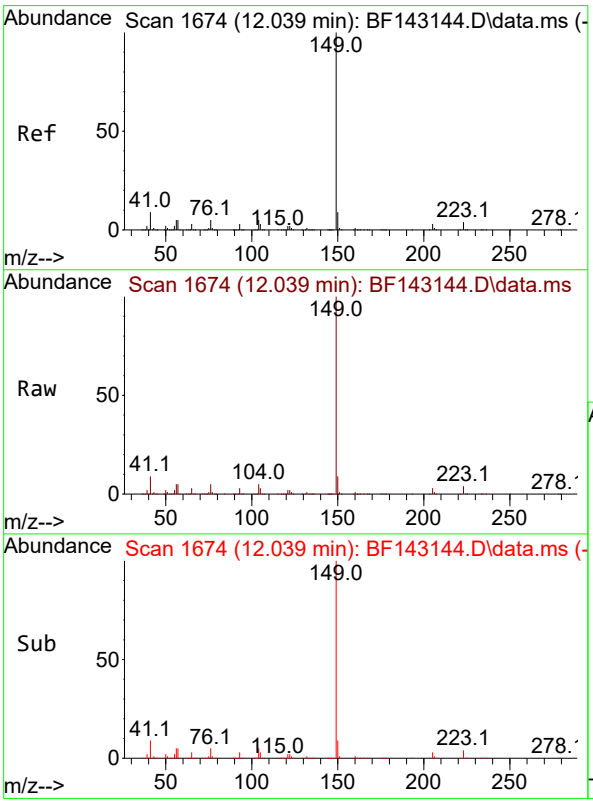
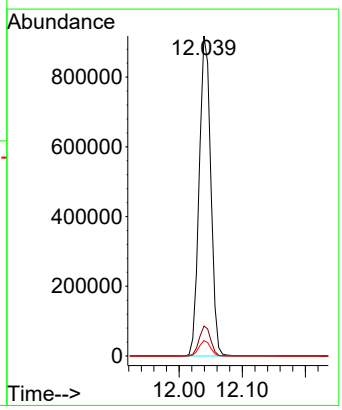
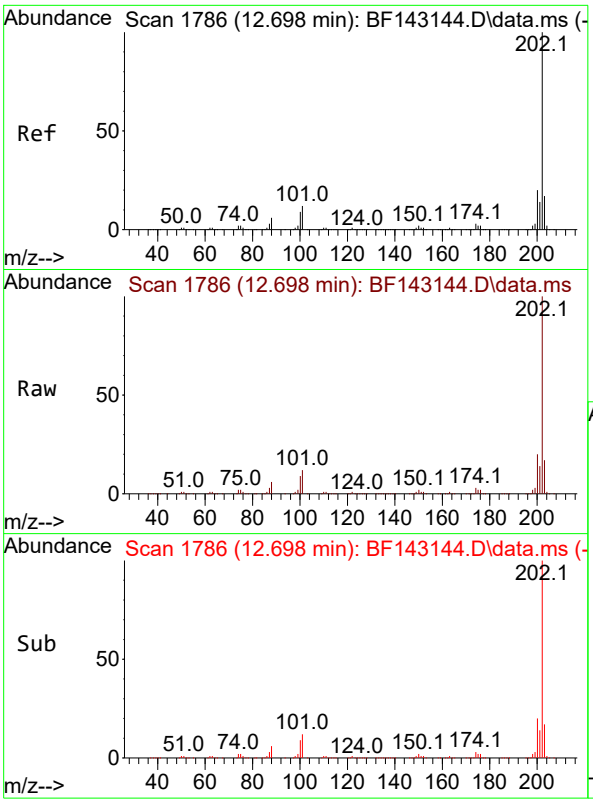



#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.8 | 3.8 | 5.8 |

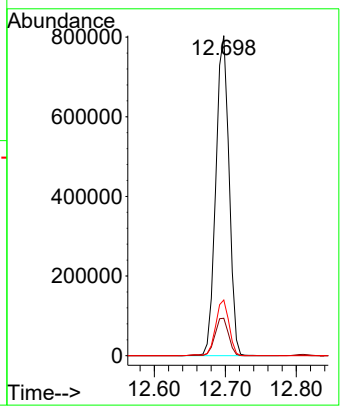





#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 103450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.4 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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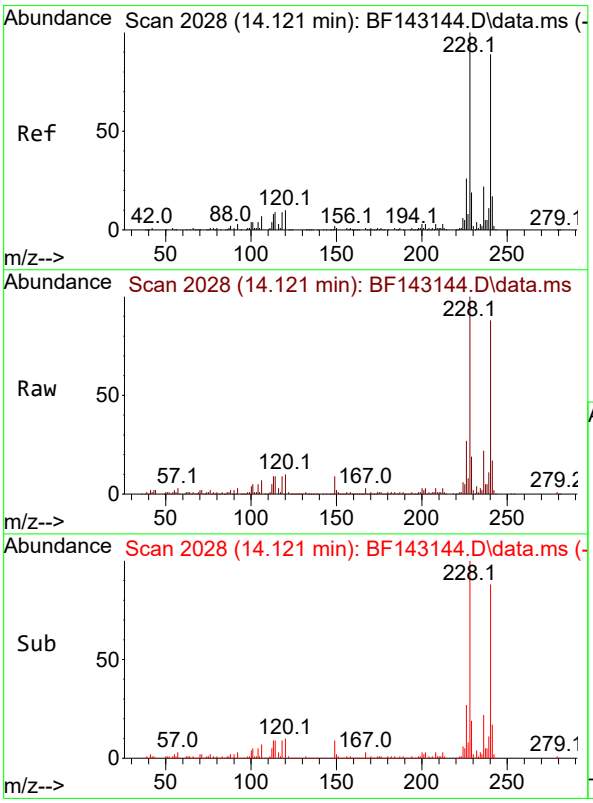
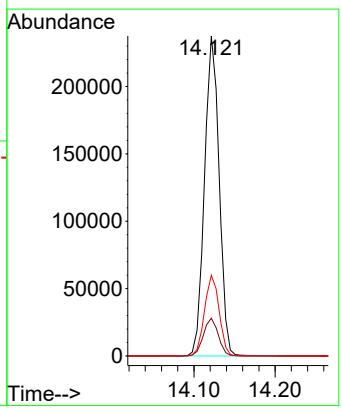
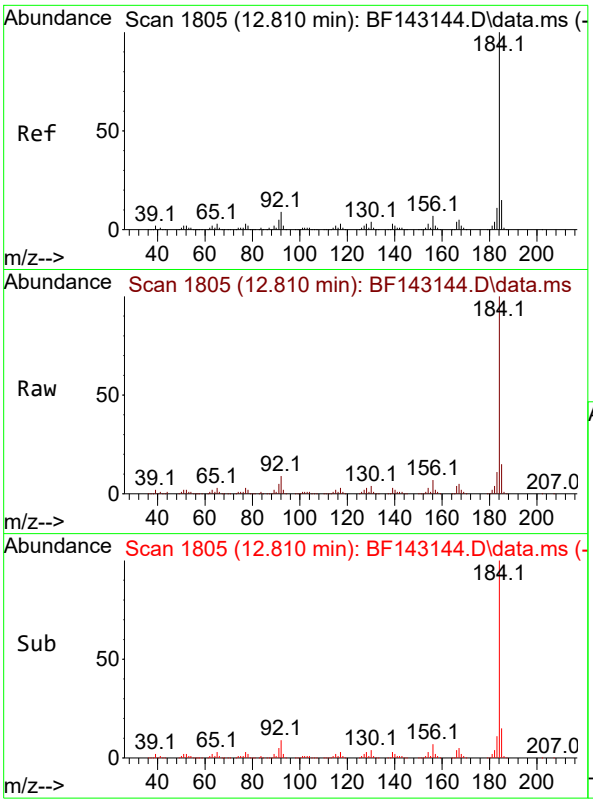



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.4 | 14.2 |
| 236 | 25.3 | 20.2 | 30.4 |

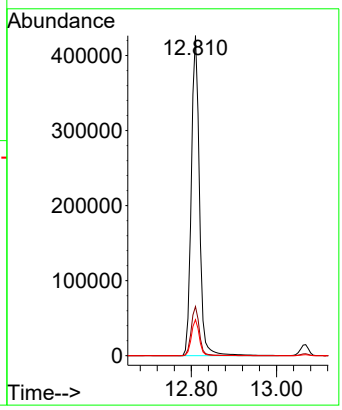





#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 56473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 12.2 | 18.4 |
| 183 | 11.2 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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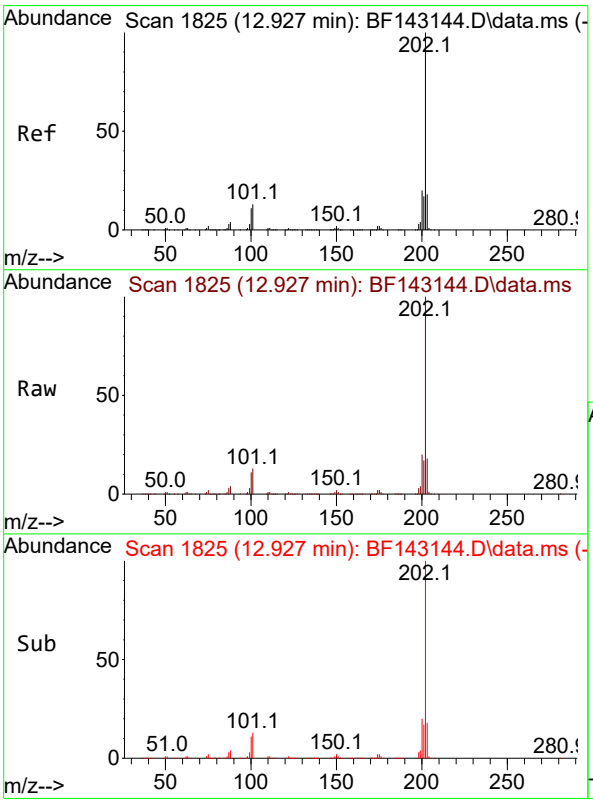
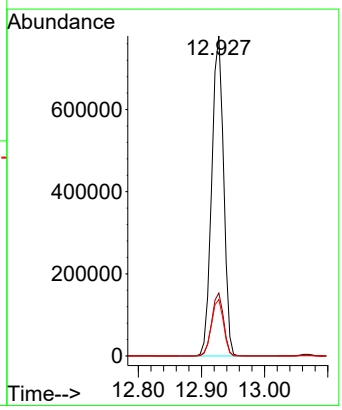
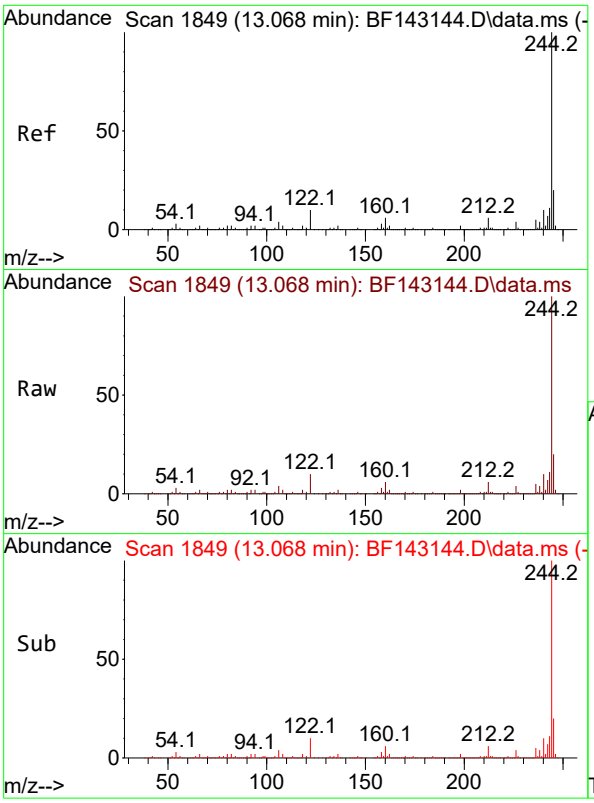



#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.6 | 15.7 | 23.5 |
| 203 | 17.7 | 14.2 | 21.2 |

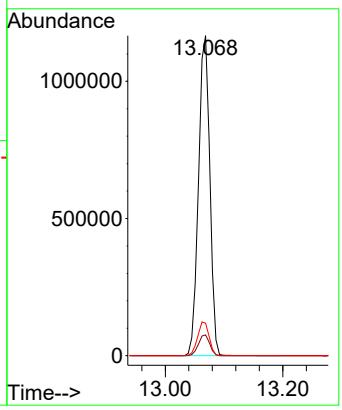





#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:244 Resp: 155492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |




**Instrument :**
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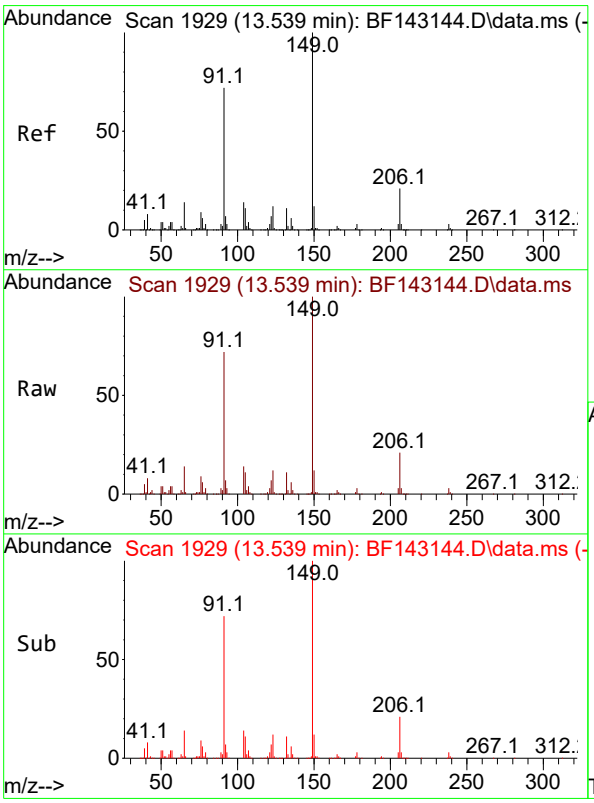
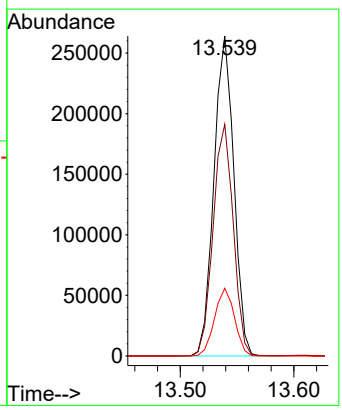
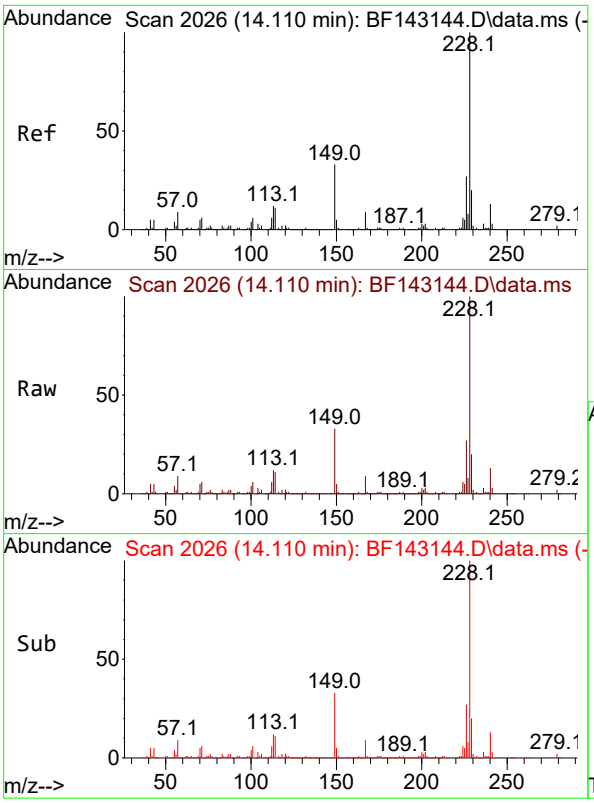



#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.4 | 57.9 | 86.9 |
| 206 | 21.2 | 17.0 | 25.4 |

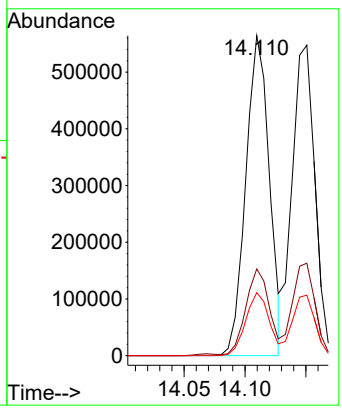





#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 75972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 19.7 | 15.8 | 23.6 |




**Instrument :**
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**ClientSampleId :**
SSTDICCC040

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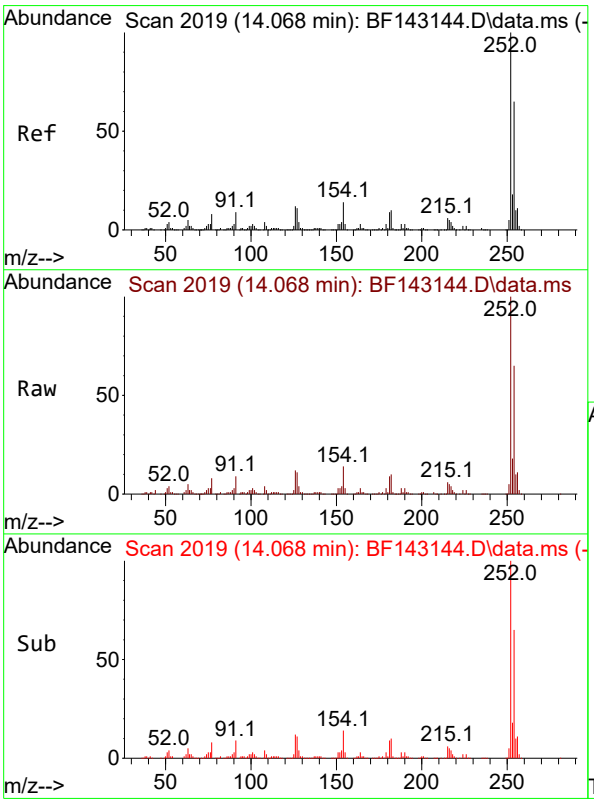
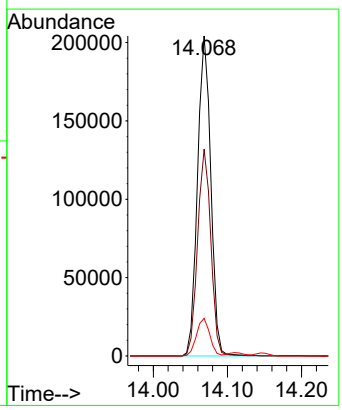
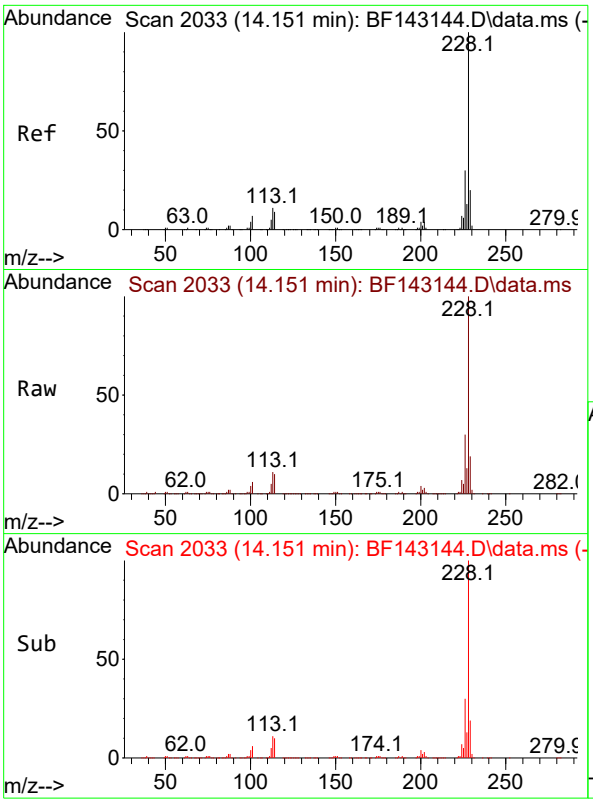



#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 11.7 | 9.4 | 14.0 |

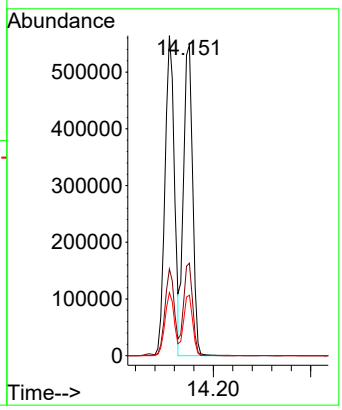





#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:228 Resp: 71522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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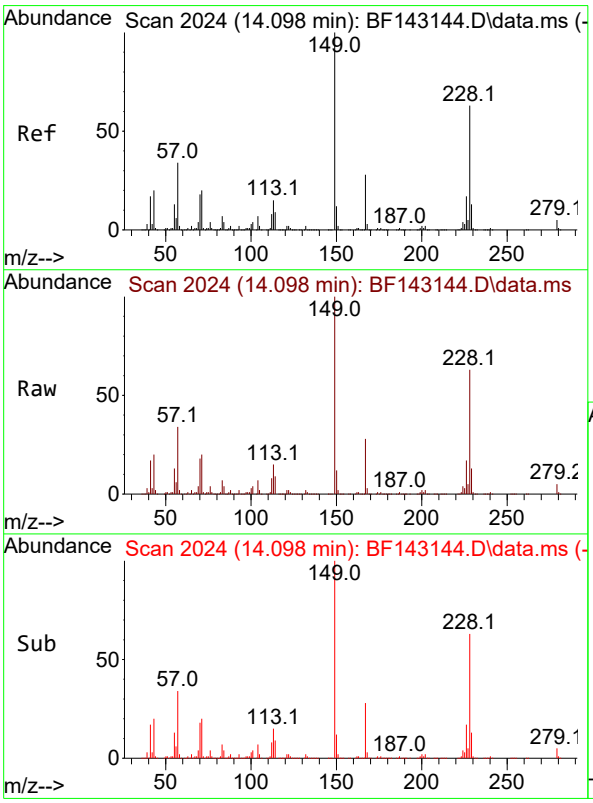
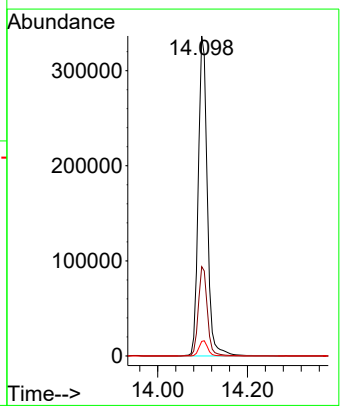
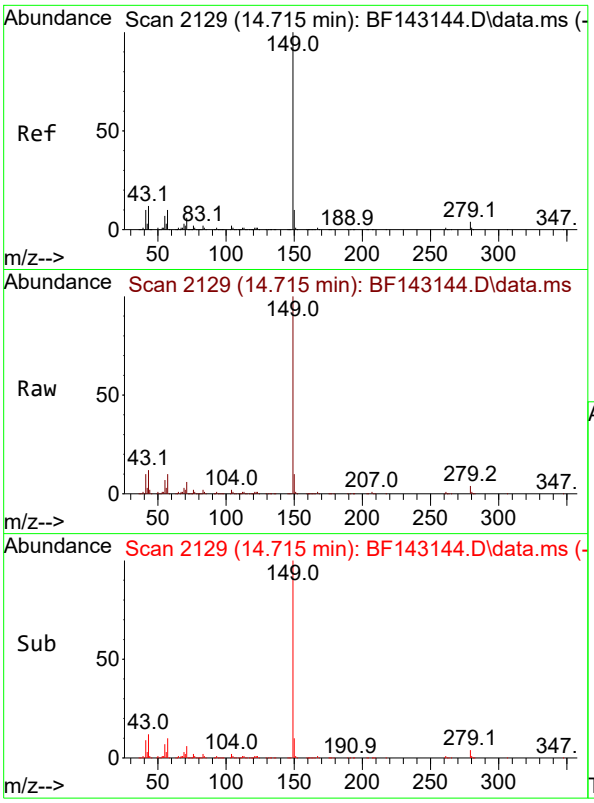



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |

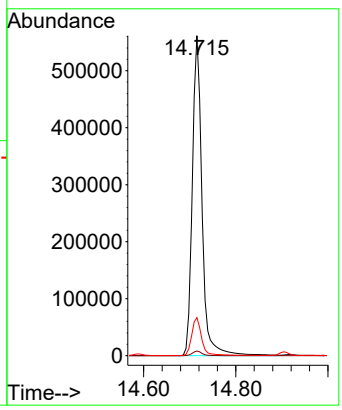





#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 82026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.1 | 1.7 |
| 43 | 12.1 | 9.7 | 14.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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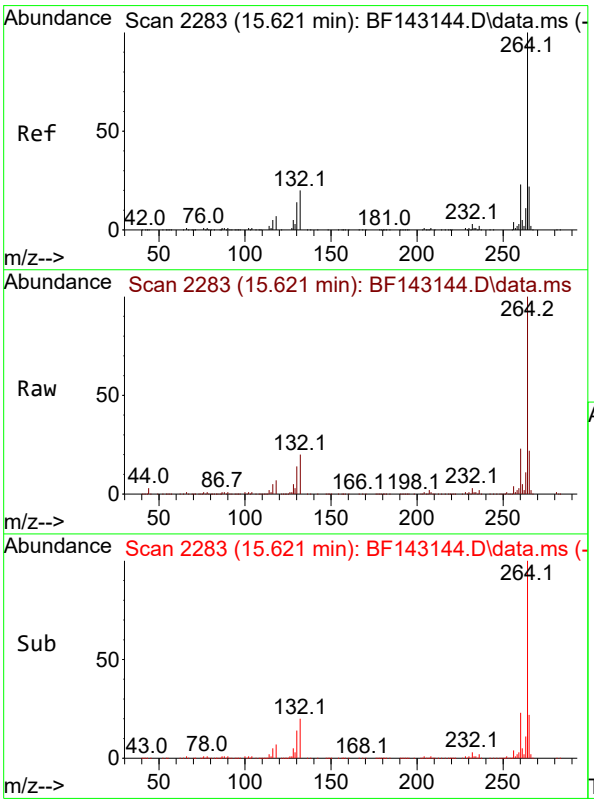
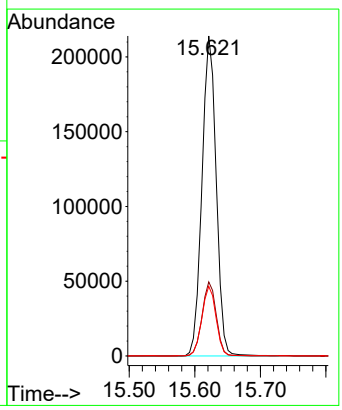
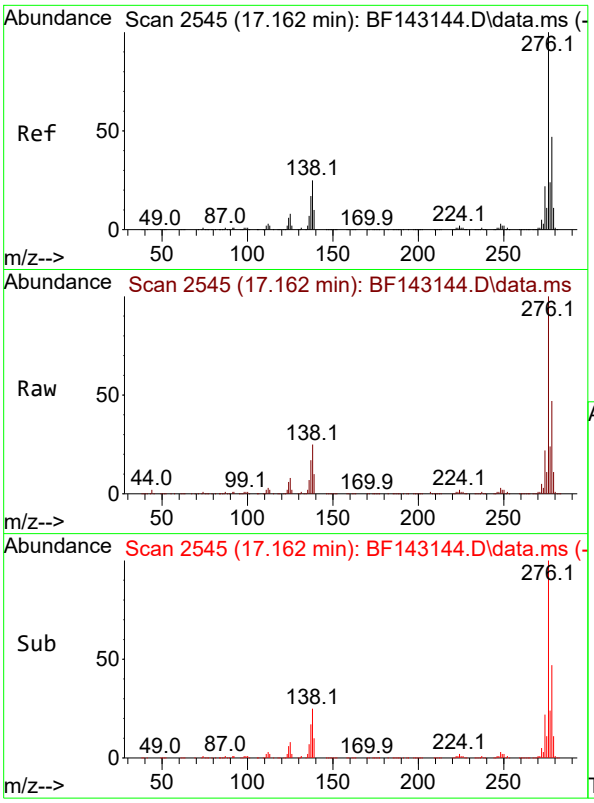



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.8 | 17.4 | 26.2 |

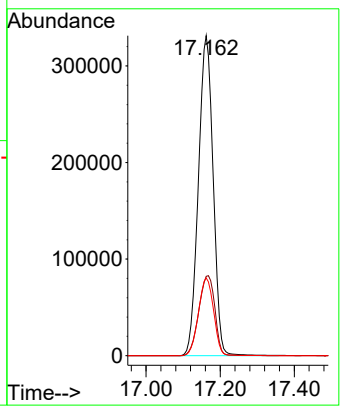





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 91462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 21.8 | 32.6 |
| 277 | 25.0 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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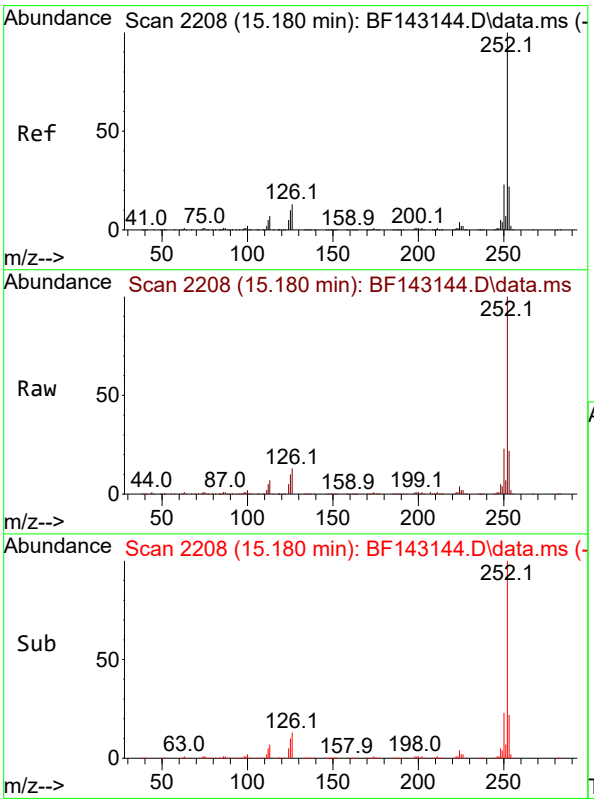
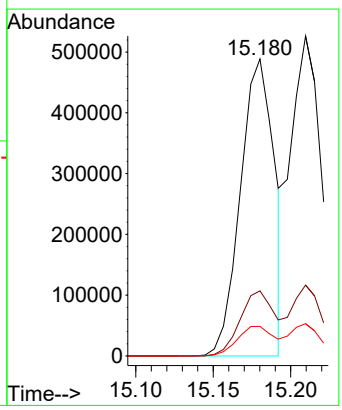
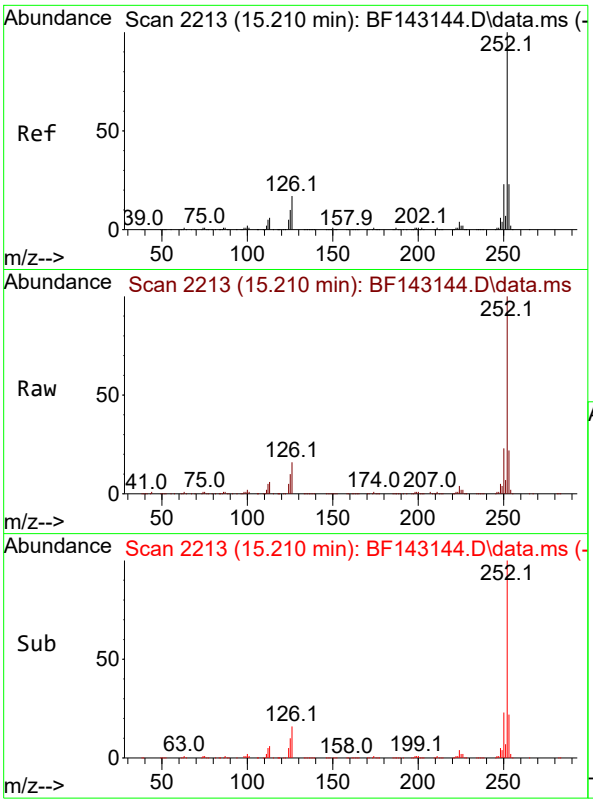



#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.0 | 8.0 | 12.0 |

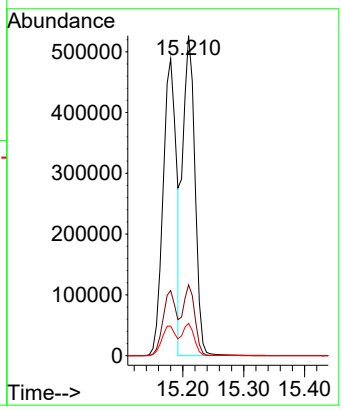





#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 73363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.1 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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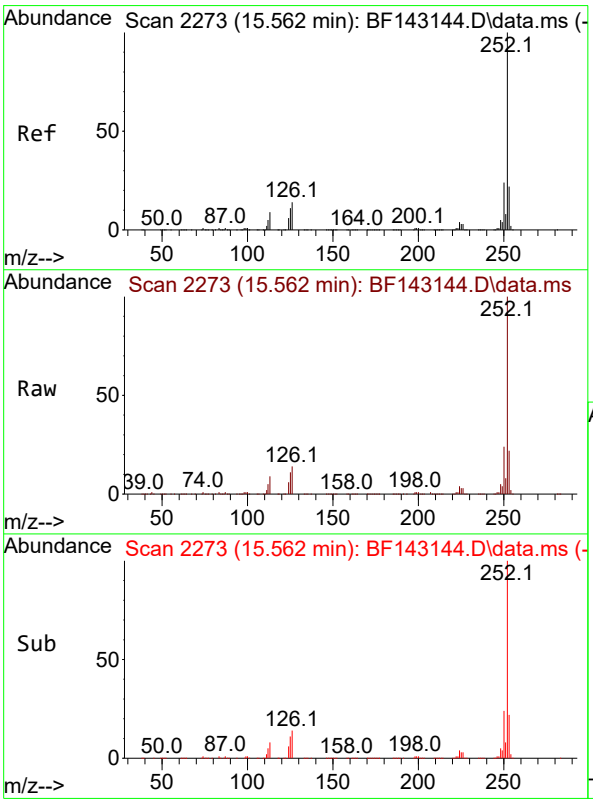
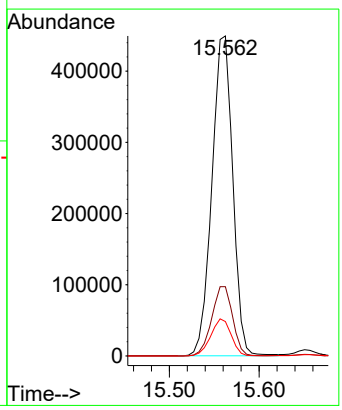
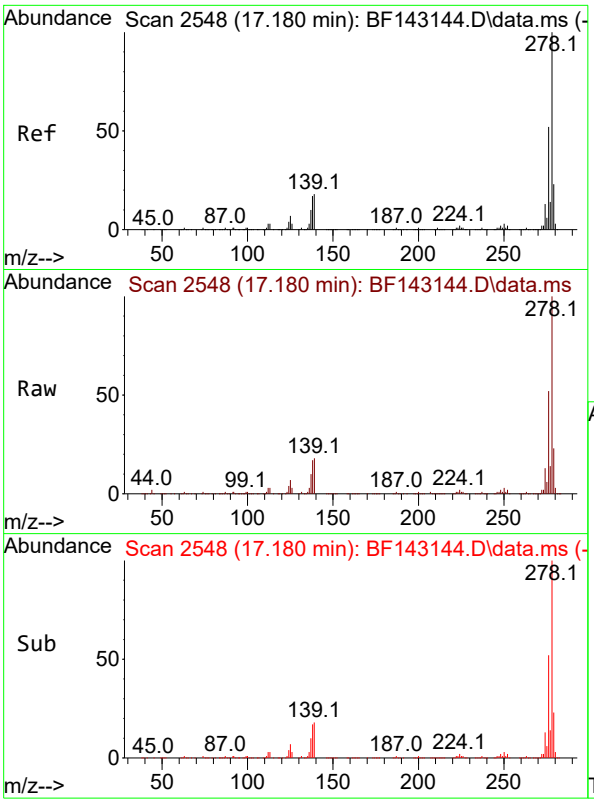



#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 10.8 | 8.6 | 13.0 |

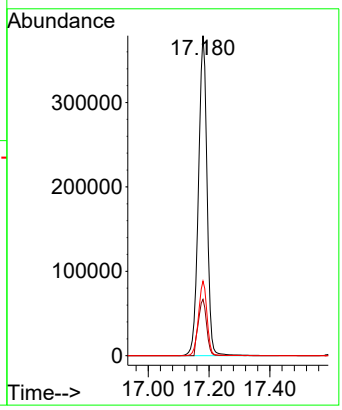





#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:278 Resp: 74218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.6 | 14.1 | 21.1 |
| 279 | 23.3 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

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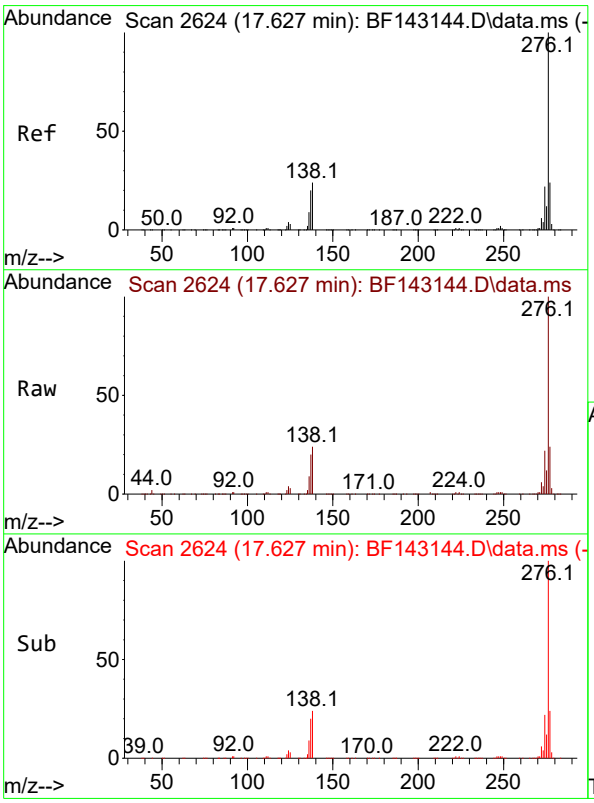
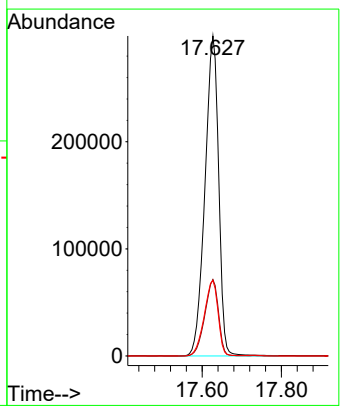



#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.1 | 28.7 |
| 138 | 23.6 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 144385 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 555536 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 283657 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 447089 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 247878 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 282289 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 927268 | 101.629 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1178468 | 102.615 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 1158494 | 103.949 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 309465 | 105.607 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2005894 | 96.712 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1663033 | 99.838 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.816 | 88 | 225749 | 52.289 | ng | | 100 |
| 3) Pyridine | 3.587 | 79 | 584060 | 52.122 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 307202 | 53.098 | ng | | 100 |
| 6) Aniline | 6.628 | 93 | 827275 | 51.687 | ng | | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 493989 | 51.652 | ng | | 98 |
| 9) Benzaldehyde | 6.516 | 77 | 509476 | 59.162 | ng | | 99 |
| 10) Phenol | 6.598 | 94 | 645540m | 51.598 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 491371 | 51.295 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 529202 | 50.937 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 531696 | 50.818 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 510140 | 51.264 | ng | | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 461379 | 52.616 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239 | 45 | 908530 | 51.128 | ng | | 99 |
| 17) 2-Methylphenol | 7.204 | 107 | 418793 | 52.079 | ng | | 100 |
| 18) Hexachloroethane | 7.481 | 117 | 189394 | 52.289 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 369367 | 50.131 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 506069 | 51.870 | ng | # | 89 |
| 22) Acetophenone | 7.369 | 105 | 661017 | 50.258 | ng | | 98 |
| 24) Nitrobenzene | 7.545 | 77 | 538666 | 51.843 | ng | | 100 |
| 25) Isophorone | 7.786 | 82 | 1018783 | 51.783 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 252169 | 55.920 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 469819 | 51.112 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 597241 | 50.631 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 401336 | 51.773 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 420763 | 50.242 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1369627 | 50.060 | ng | | 100 |
| 32) Benzoic acid | 7.998 | 122 | 273361m | 52.352 | ng | | |
| 33) 4-Chloroaniline | 8.310 | 127 | 566422 | 50.703 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 260787 | 50.976 | ng | | 99 |
| 35) Caprolactam | 8.680 | 113 | 126050 | 53.811 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 431745 | 51.242 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 837820 | 50.324 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 862300 | 50.298 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 412916 | 50.420 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 286805 | 53.823 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 304466 | 53.718 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 291607 | 51.434 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 1101317 | 49.764 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 826749 | 50.488 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 281082 | 54.736 | ng | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1388721 | 50.605 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 939863 | 50.832 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 205147 | 54.541 | ng | 98 |
| 52) Acenaphthene | 10.033 | 154 | 818783 | 50.481 | ng | 100 |
| 53) 3-Nitroaniline | 9.945 | 138 | 236959 | 53.861 | ng | 99 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 81983 | 50.750 | ng | 98 |
| 55) Dibenzofuran | 10.204 | 168 | 1204088 | 50.001 | ng | 99 |
| 56) 4-Nitrophenol | 10.086 | 139 | 177408 | 54.001 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 264045 | 55.954 | ng | 95 |
| 58) Fluorene | 10.551 | 166 | 891646 | 49.335 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 248745 | 52.965 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 942625 | 51.580 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 449168 | 49.911 | ng | 99 |
| 62) 4-Nitroaniline | 10.557 | 138 | 205210 | 54.424 | ng | 99 |
| 63) Azobenzene | 10.698 | 77 | 966931 | 50.766 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 122876 | 51.927 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 811422 | 51.540 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 275679 | 51.741 | ng | 98 |
| 68) Hexachlorobenzene | 11.098 | 284 | 288405 | 51.788 | ng | 100 |
| 69) Atrazine | 11.180 | 200 | 232907 | 53.662 | ng | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 178753 | 54.581 | ng | 99 |
| 71) Phenanthrene | 11.510 | 178 | 1194582 | 50.321 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1223920 | 50.552 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1076803 | 50.934 | ng | 100 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1250841 | 52.290 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1093890 | 50.203 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 431944 | 45.229 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1078520 | 50.982 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 360698 | 55.681 | ng | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 880975 | 53.085 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 294836 | 53.305 | ng | 99 |
| 83) Chrysene | 14.151 | 228 | 754953 | 50.597 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 534128 | 54.475 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 960309 | 54.032 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 1061877 | 53.347 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 953990 | 55.319 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.209 | 252 | 754417 | 49.024 | ng | 99 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 840968 | 52.928 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 861467 | 53.172 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.633 | 276 | 843865 | 53.845 | ng | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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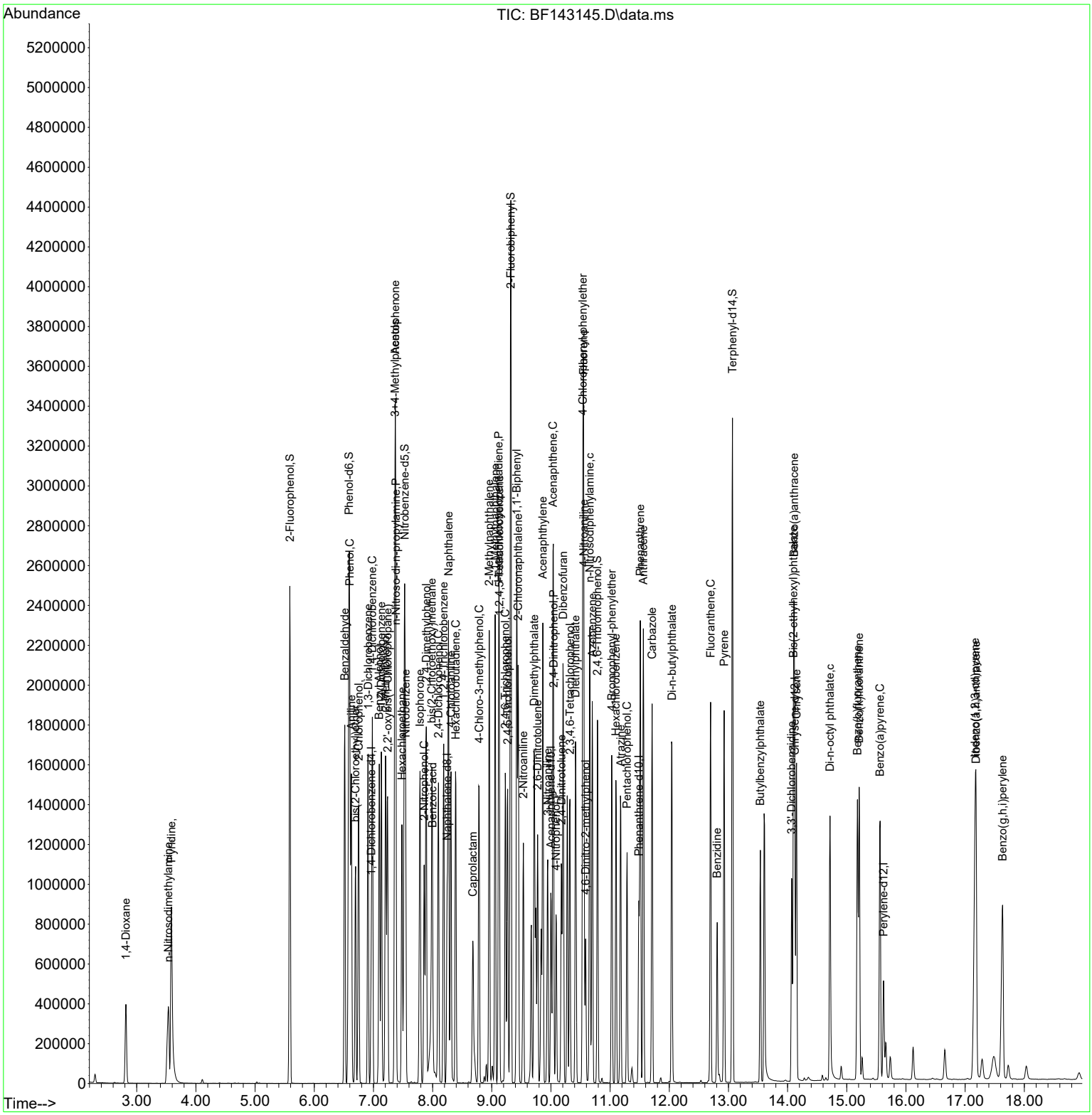
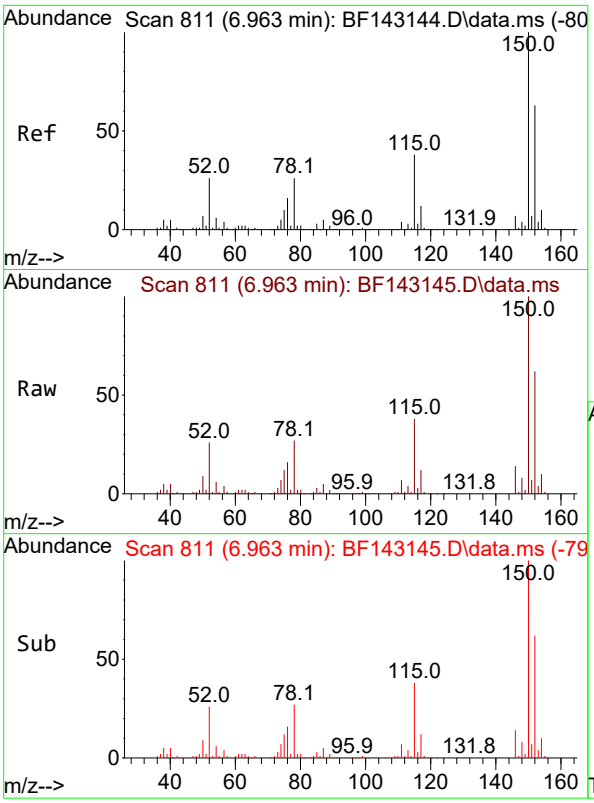
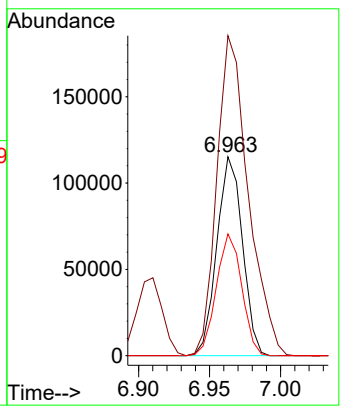





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 14438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.9 | 128.2 | 192.4 |
| 115 | 61.2 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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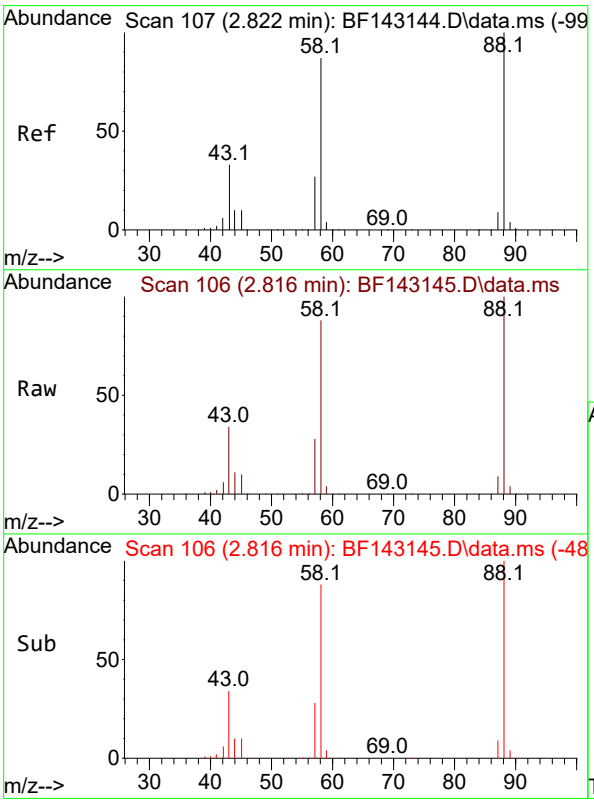
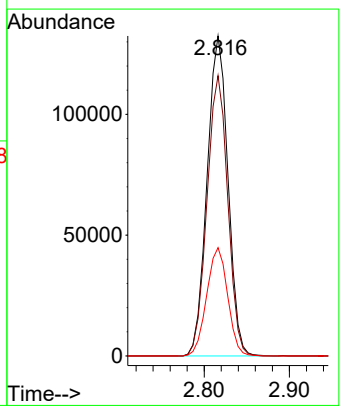
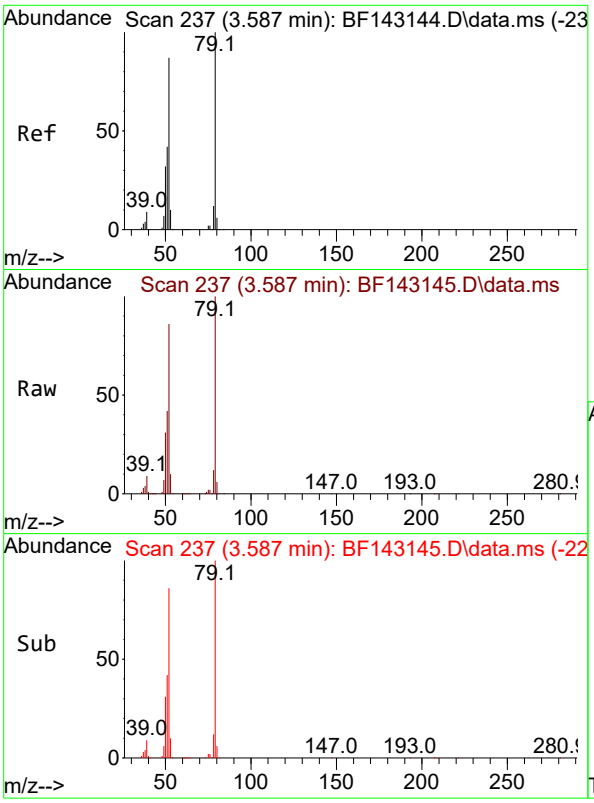



#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.3 | 70.2 | 105.2 |
| 43 | 34.0 | 27.1 | 40.7 |

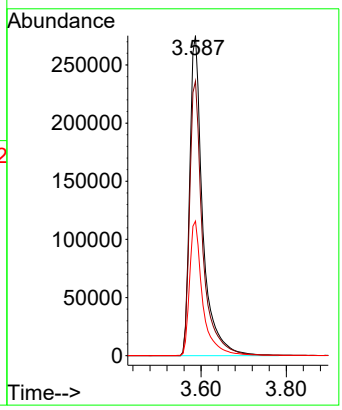





#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 58406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.8 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
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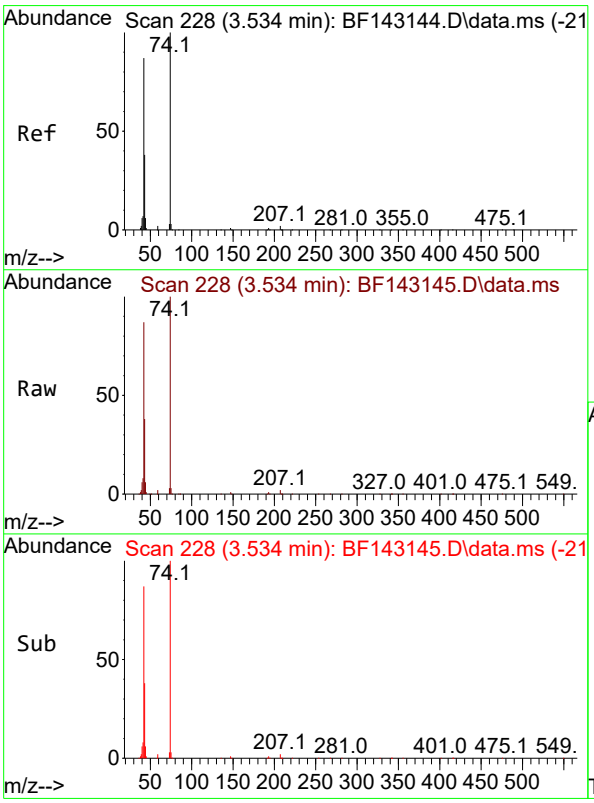
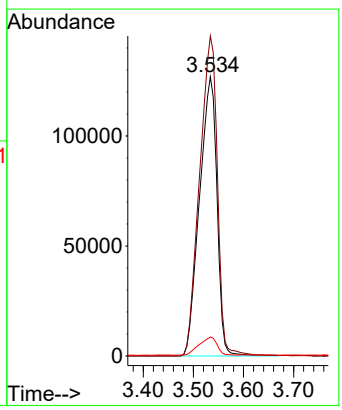
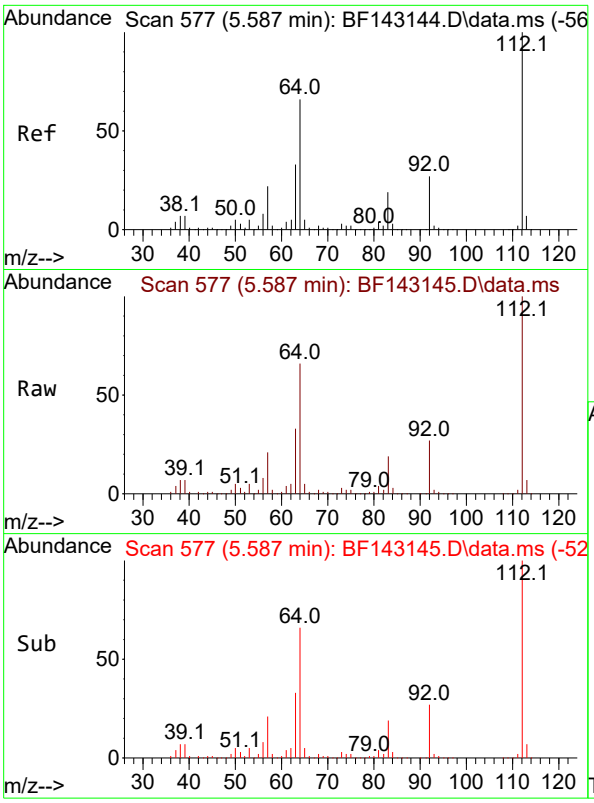



#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.6 | 91.7 | 137.5 |
| 44 | 6.8 | 5.6 | 8.4 |

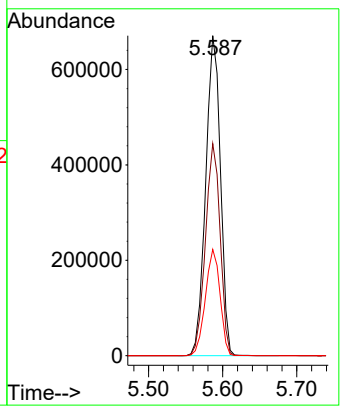





#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:112 Resp: 92726

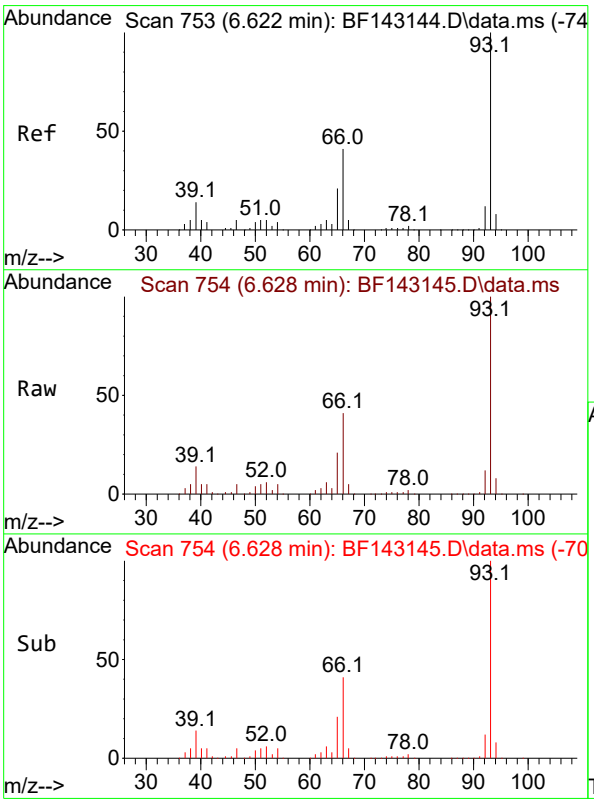
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.3 | 53.1 | 79.7 |
| 63 | 33.2 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

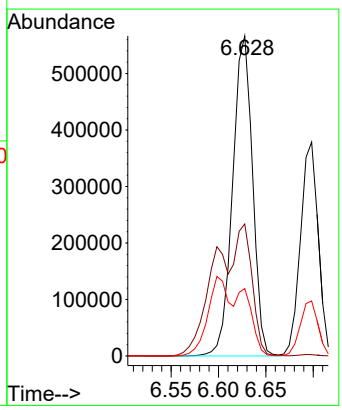
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

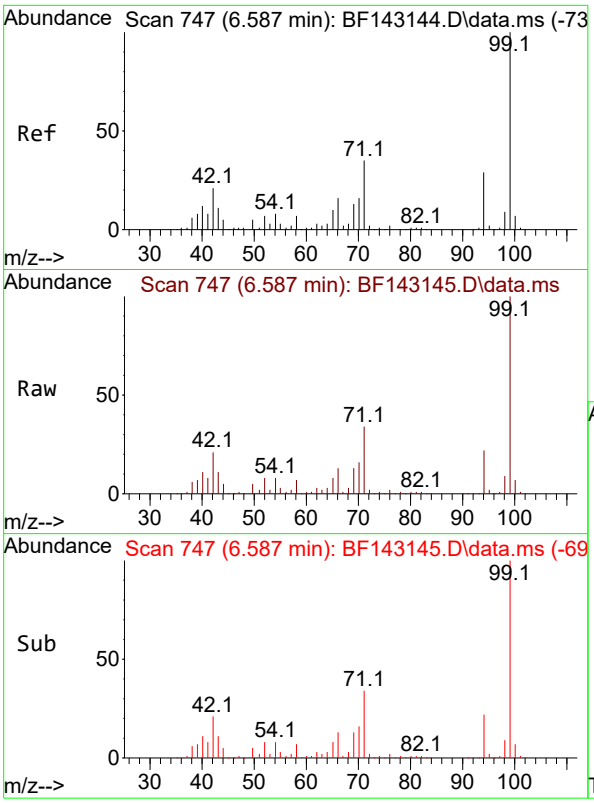



#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.2 | 33.2 | 49.8 |
| 65 | 21.1 | 16.9 | 25.3 |

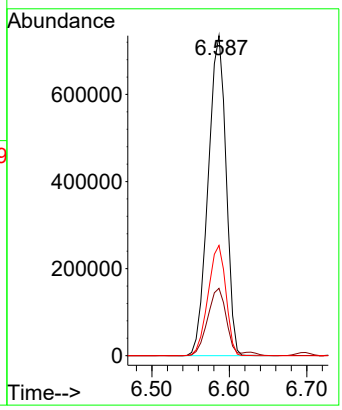





#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 99 Resp: 117846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.1 | 17.0 | 25.6 |
| 71 | 34.4 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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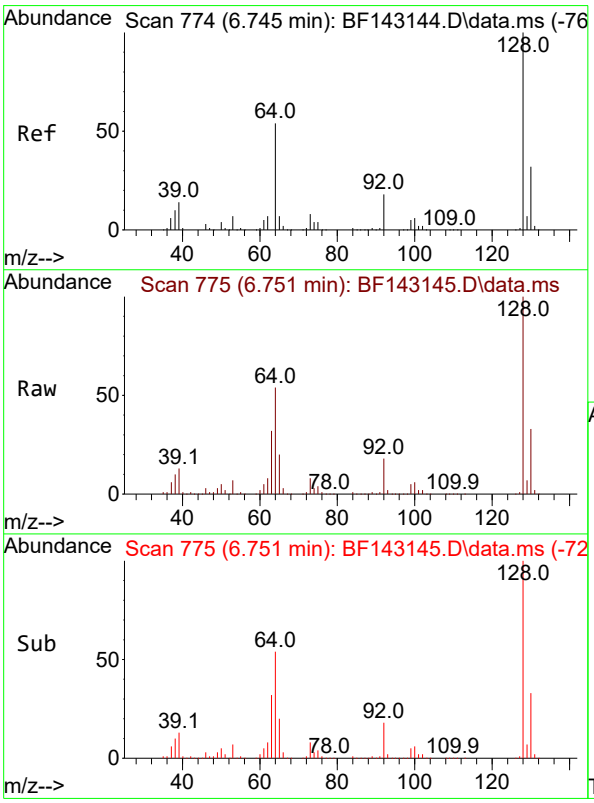
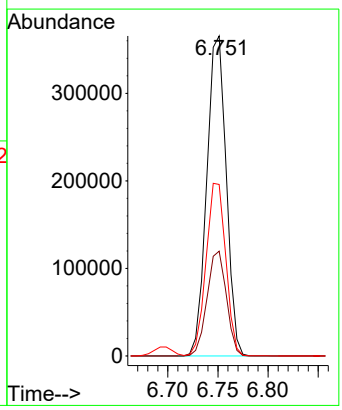
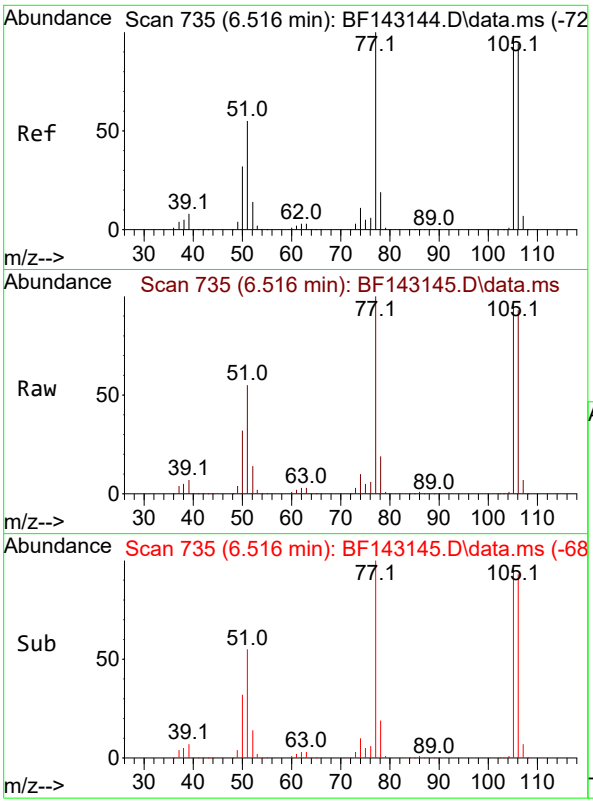



#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 12.3 | 52.3 |
| 64 | 53.6 | 35.9 | 75.9 |

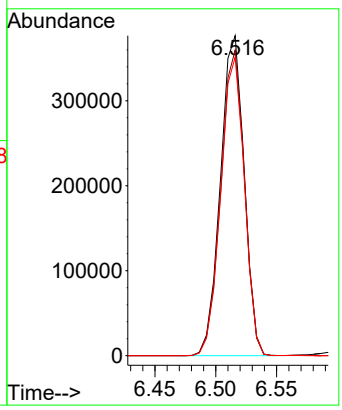





#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 50947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.5 | 76.8 | 116.8 |
| 106 | 93.3 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

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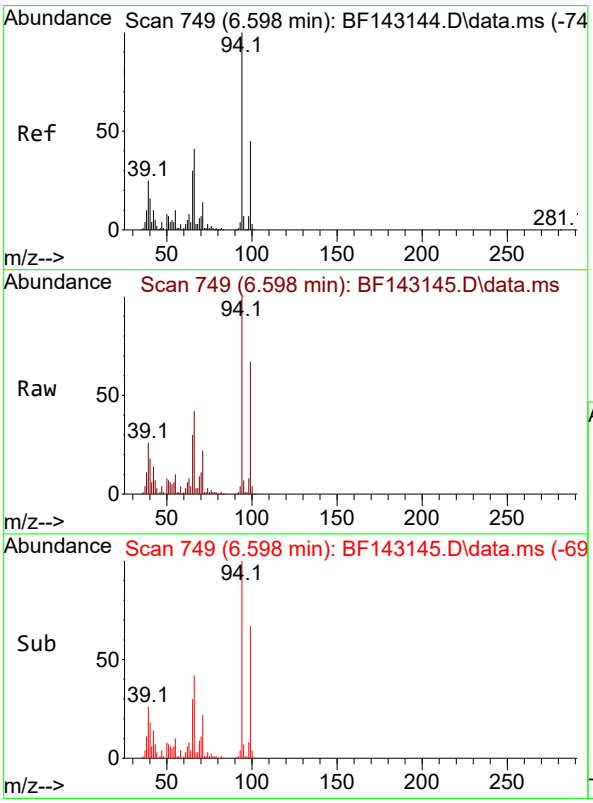
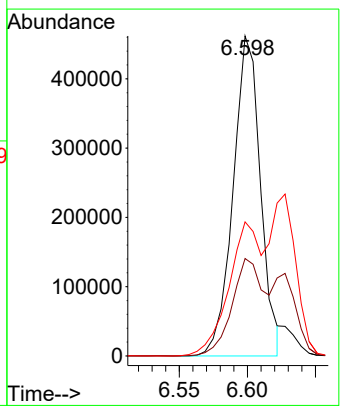
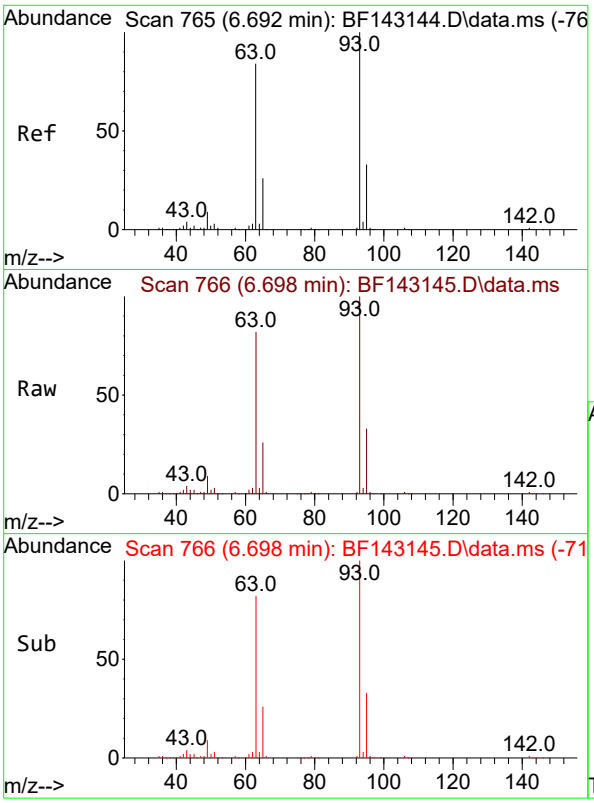



#10
Phenol
Concen: 51.598 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 645540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.5 | 10.0 | 50.0 |
| 66 | 41.9 | 20.8 | 60.8 |

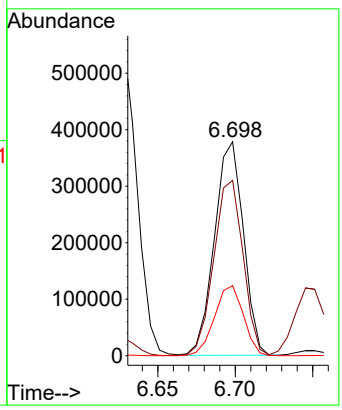





#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 49137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.0 | 63.4 | 103.4 |
| 95 | 32.8 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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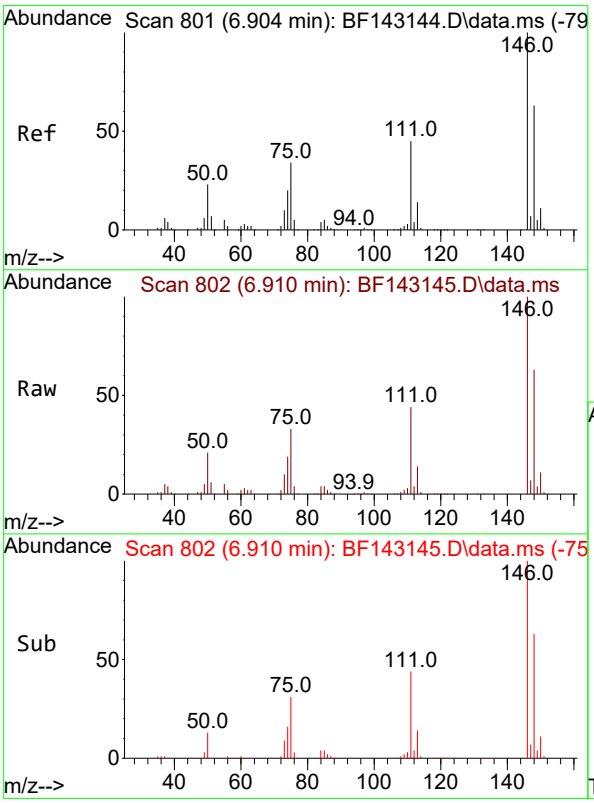
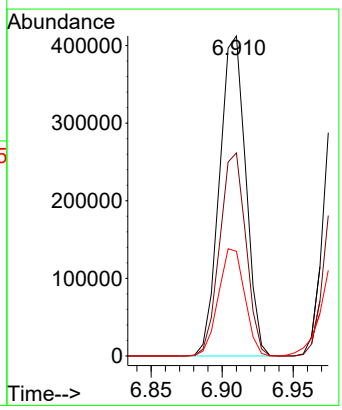
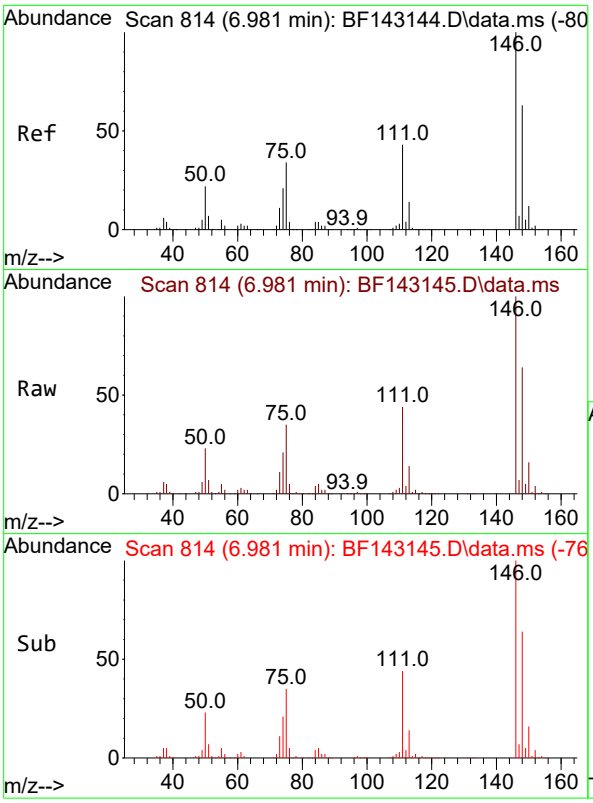



#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.6 | 76.0 |
| 75 | 32.7 | 27.4 | 41.2 |

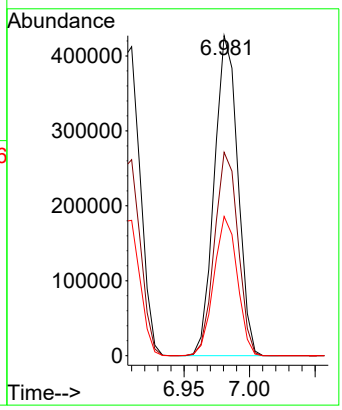





#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 53169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.3 | 75.5 |
| 111 | 43.5 | 34.4 | 51.6 |




**Instrument :**
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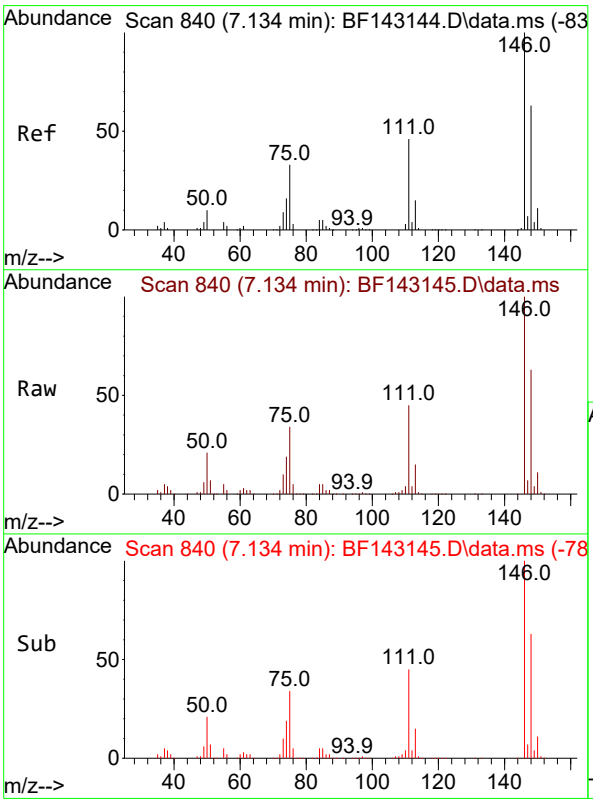
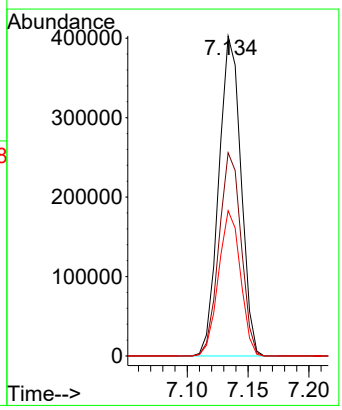
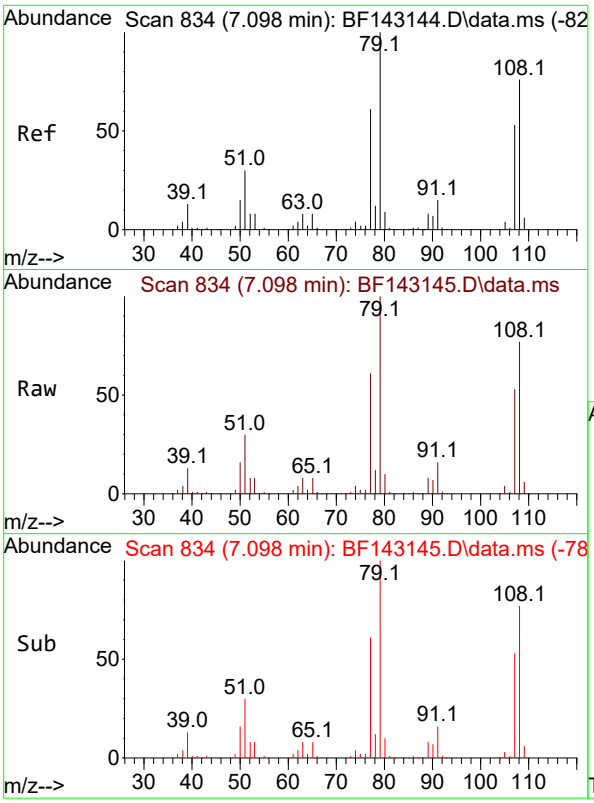



#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.7 | 76.1 |
| 111 | 45.4 | 36.6 | 54.8 |

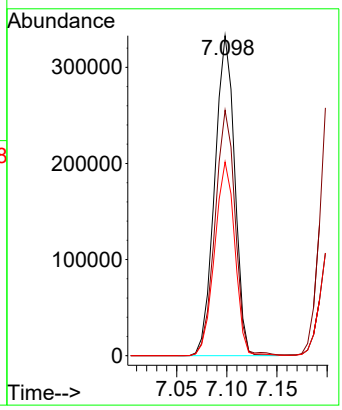





#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 79 Resp: 46137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.7 | 61.1 | 91.7 |
| 77 | 60.6 | 48.9 | 73.3 |




**Instrument :**
BNA_F
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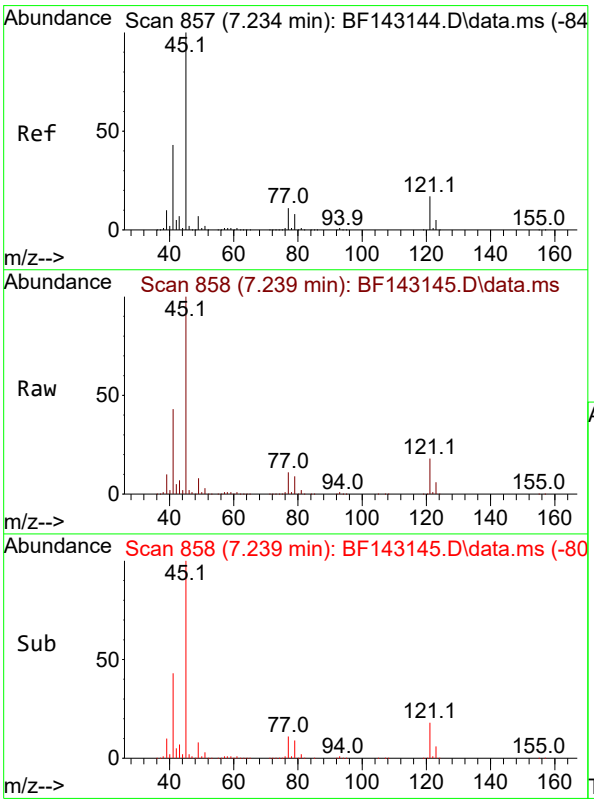
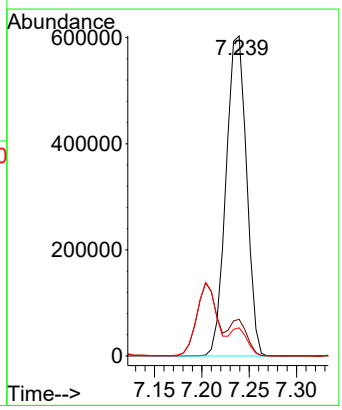
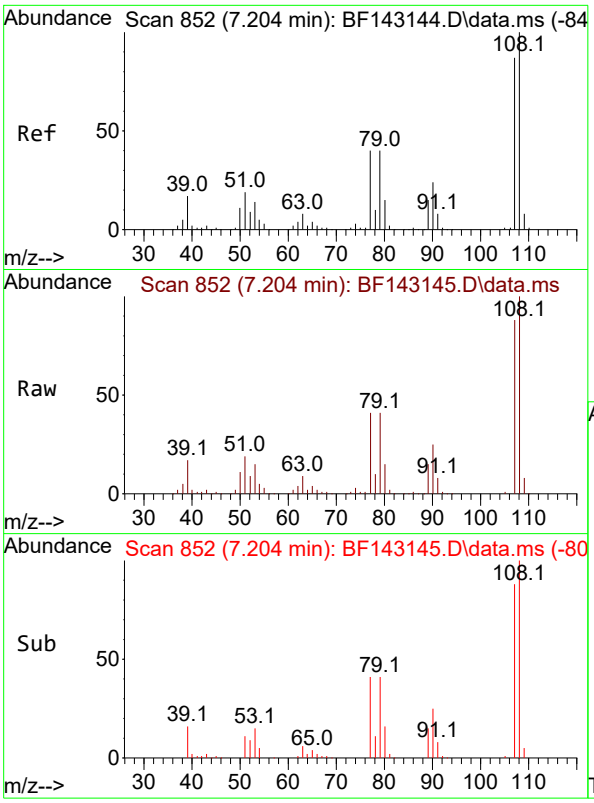



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.2 |
| 79 | 8.8 | 0.0 | 28.5 |

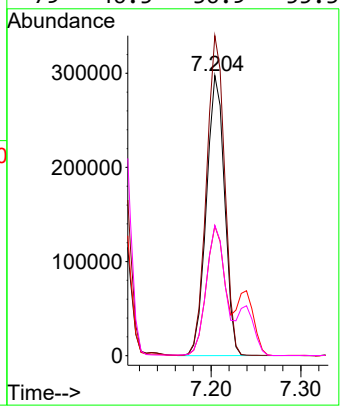





#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 41879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.2 | 91.8 | 137.6 |
| 77 | 46.3 | 37.0 | 55.6 |
| 79 | 46.5 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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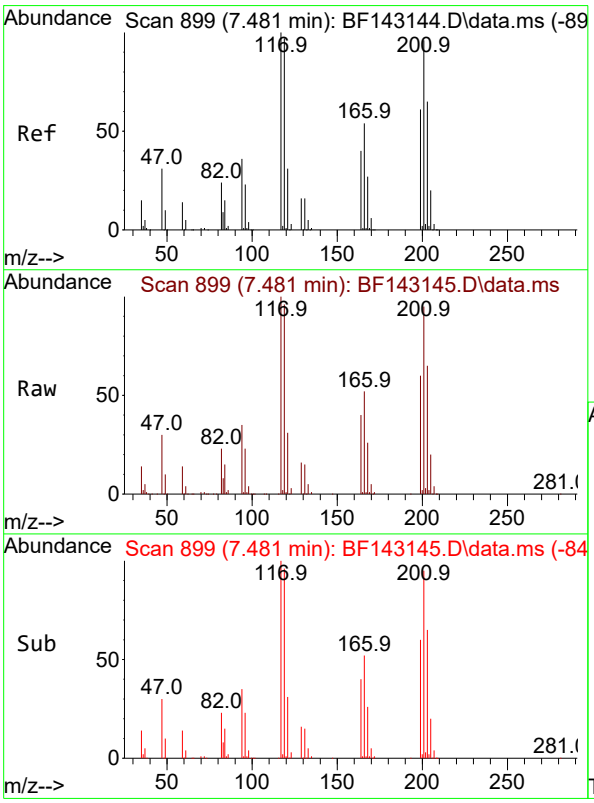
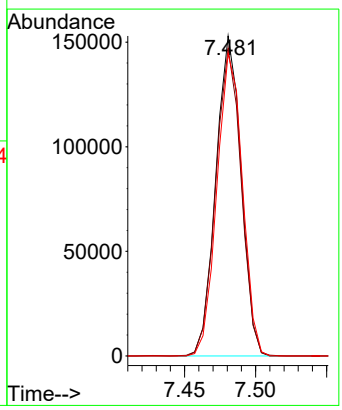
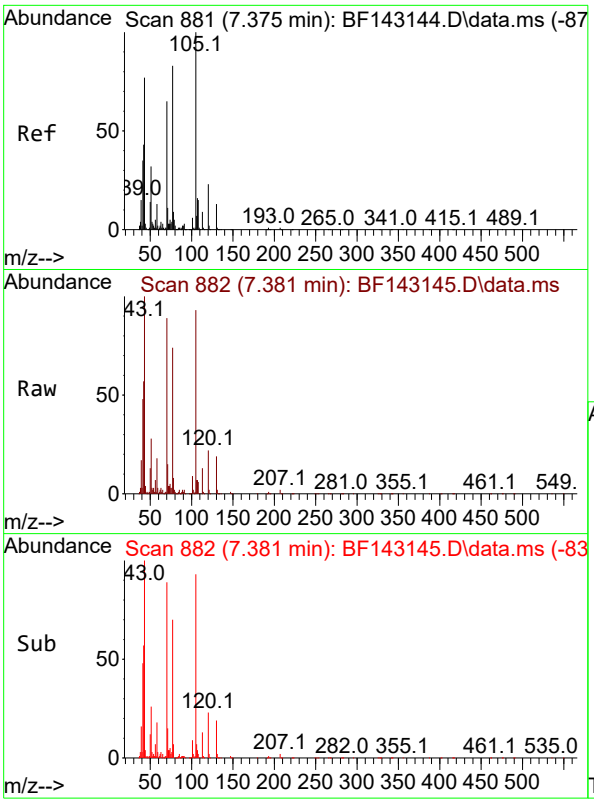



#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 77.8 | 116.8 |
| 201 | 94.5 | 77.0 | 115.4 |

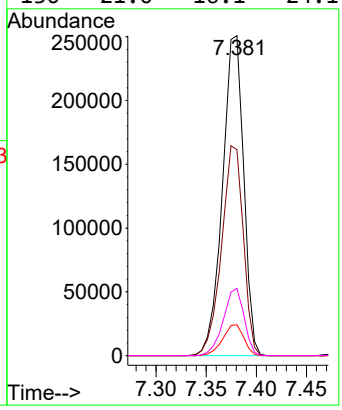





#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 70 Resp: 36936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.4 | 52.5 | 78.7 |
| 101 | 9.7 | 7.6 | 11.4 |
| 130 | 21.0 | 16.1 | 24.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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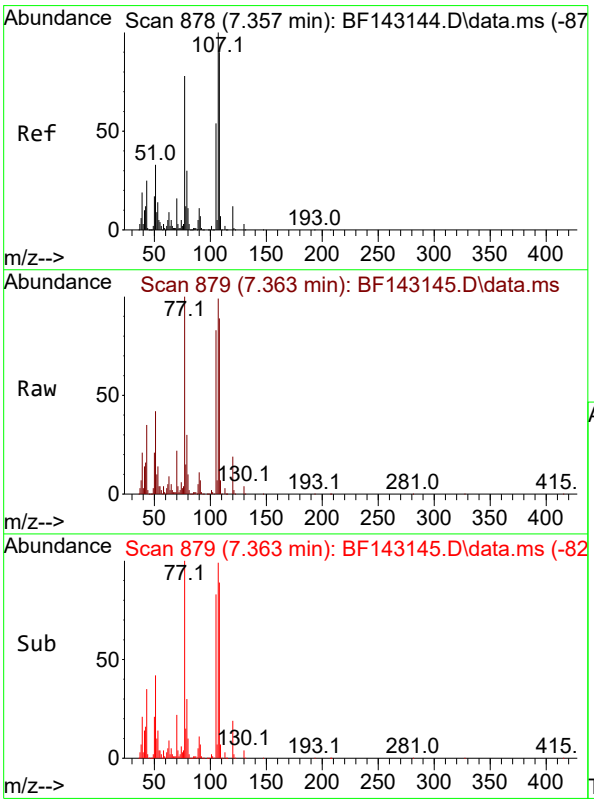
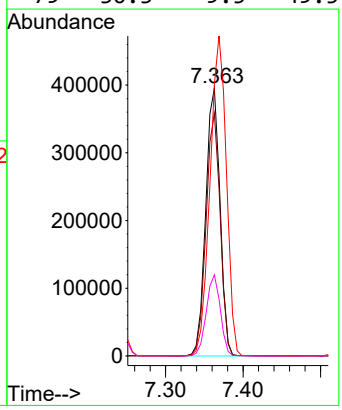
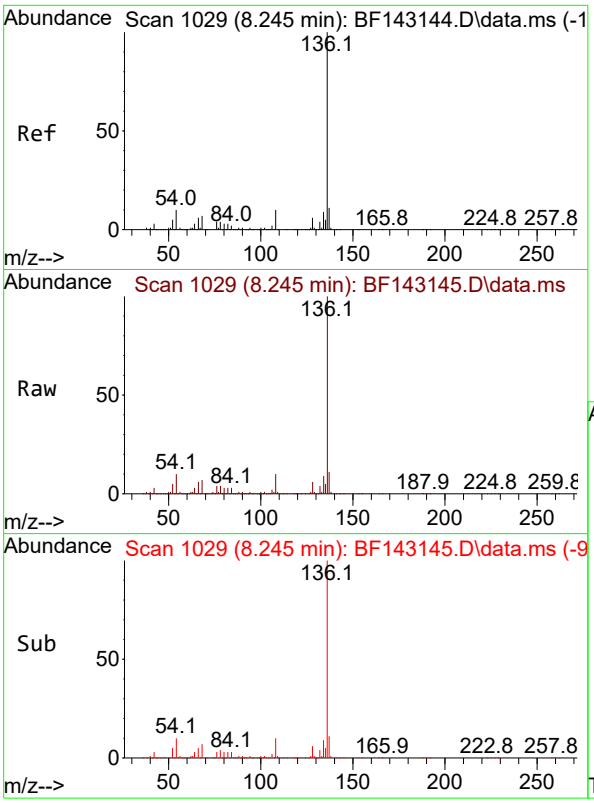



#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 70.0 | 110.0 |
| 77 | 101.5 | 57.8 | 97.8# |
| 79 | 30.3 | 9.5 | 49.5 |

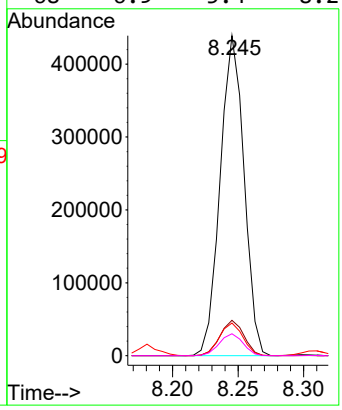





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:136 Resp: 55553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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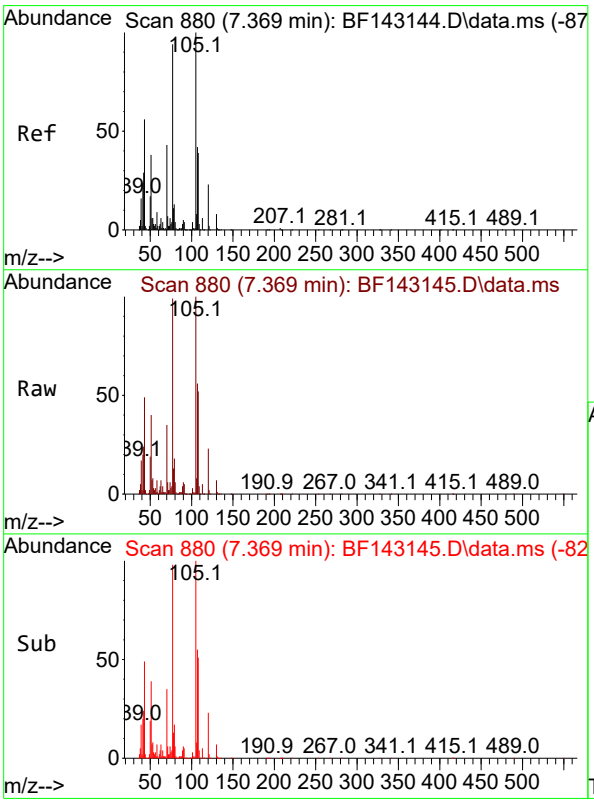
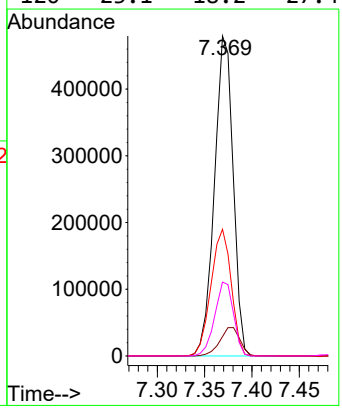
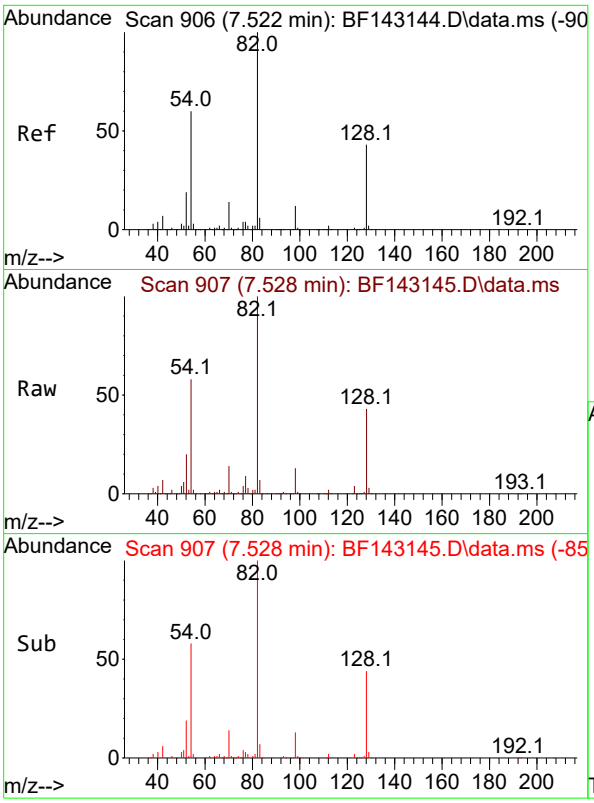



#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.0 | 5.8 | 8.6 |
| 51 | 39.6 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 115849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 33.6 | 50.4 |
| 54 | 58.2 | 47.1 | 70.7 |

**Instrument :**
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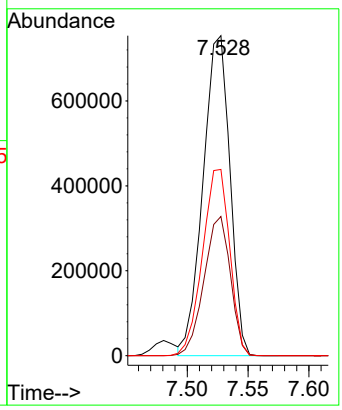
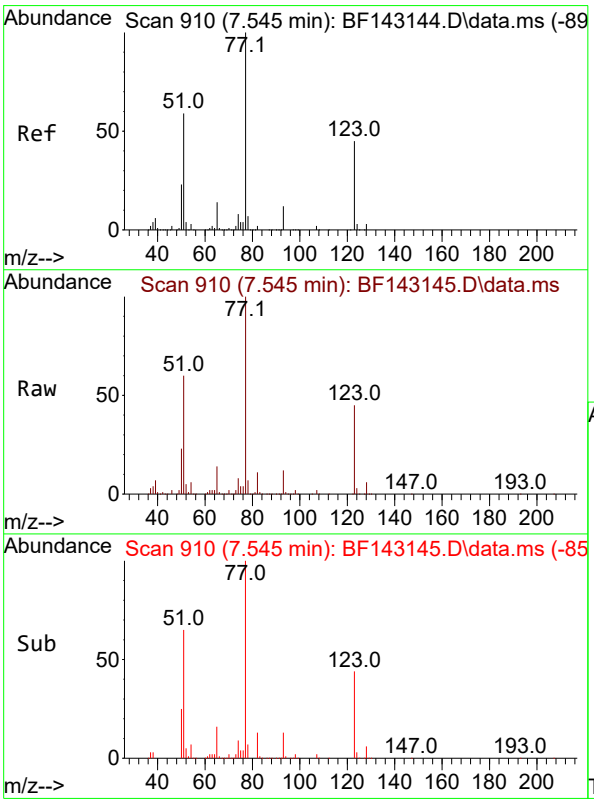
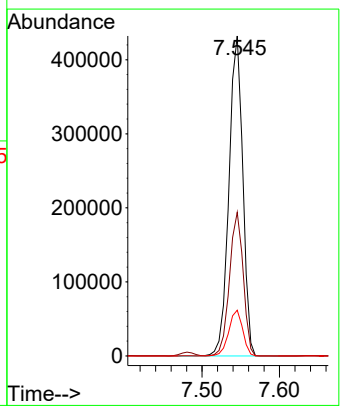


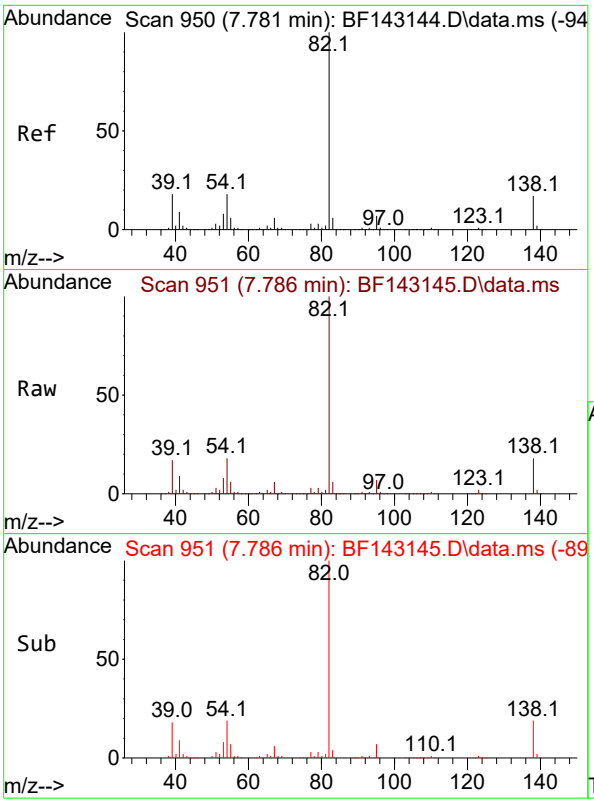




#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.9 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |

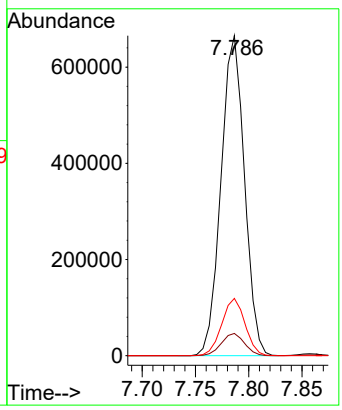





#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 82 Resp: 101878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |




**Instrument :**
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SSTDICC050

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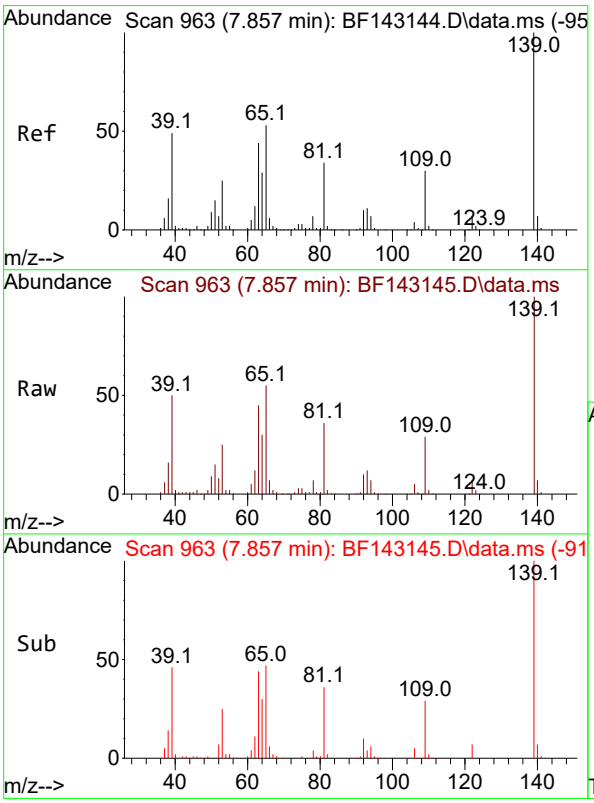
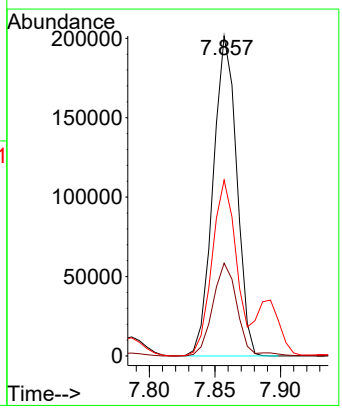
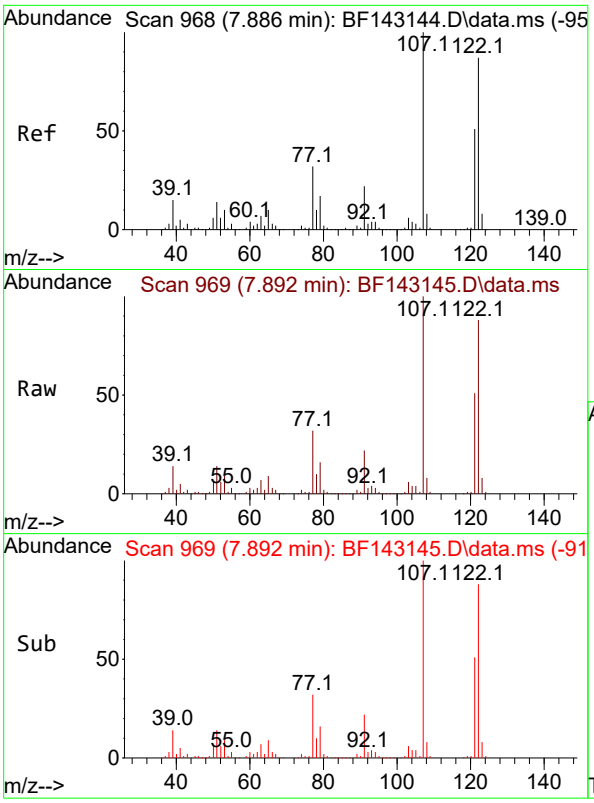



#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 55.0 | 42.6 | 64.0 |

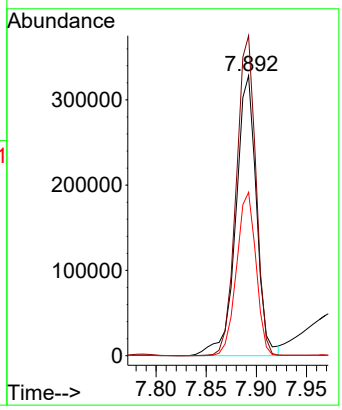





#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 46981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.3 | 91.8 | 137.6 |
| 121 | 58.4 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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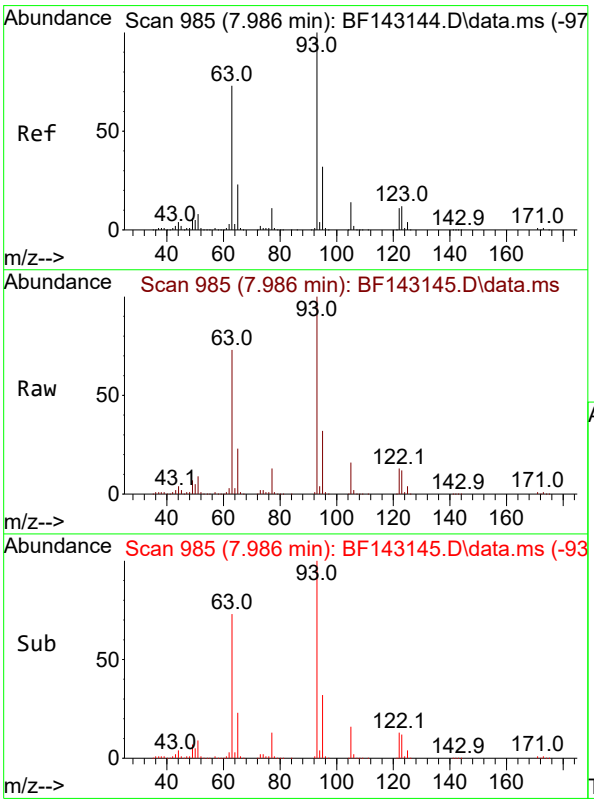
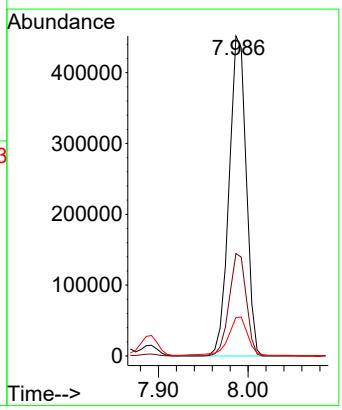
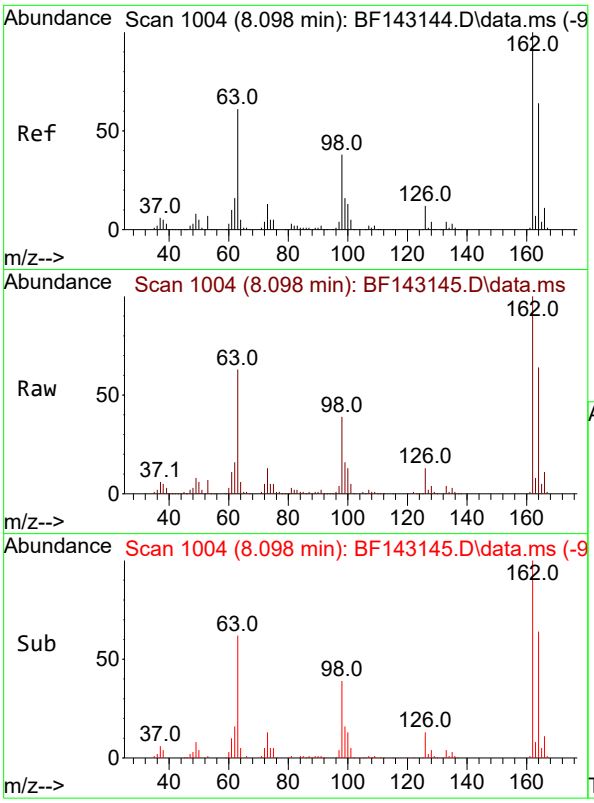



#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 25.8 | 38.6 |
| 123 | 12.1 | 9.7 | 14.5 |

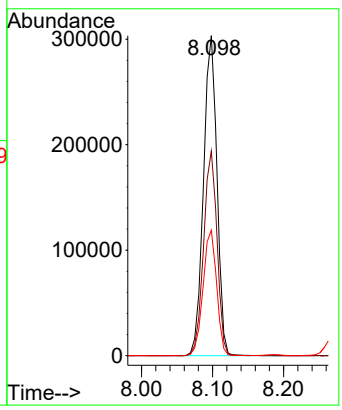





#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 40133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.0 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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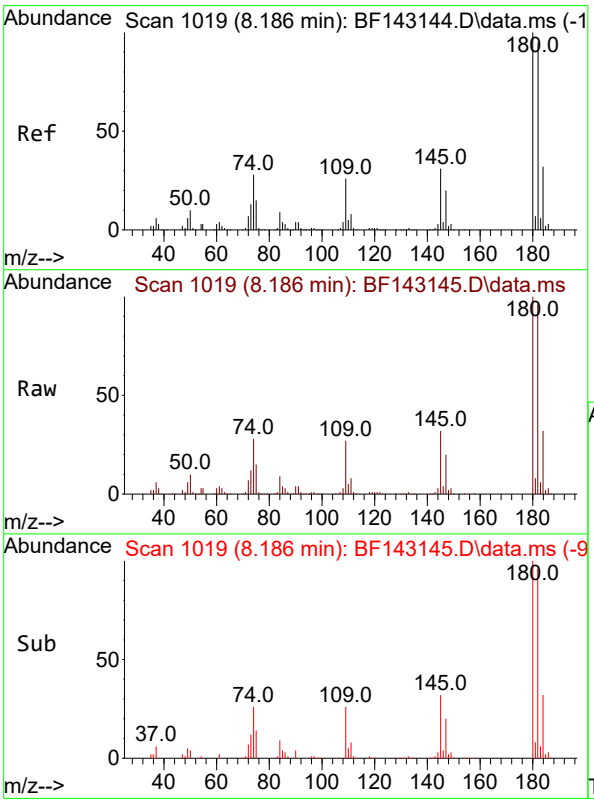
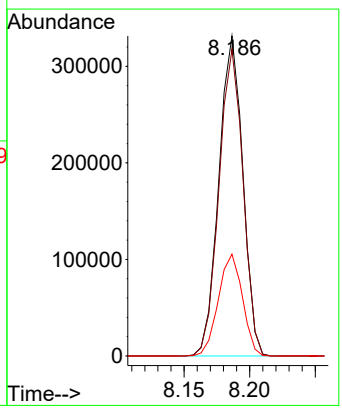
Supervised By :Jagrut Upadhyay 07/18/2025

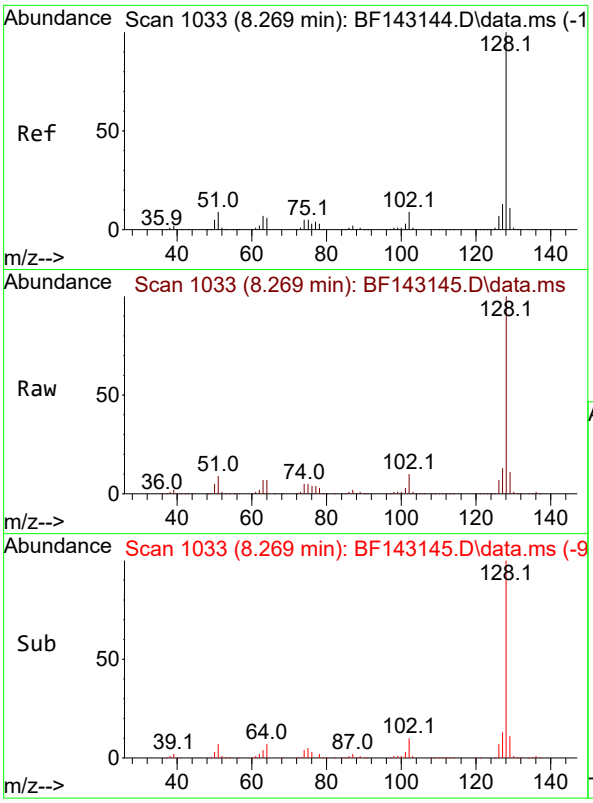



#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 76.2 | 114.2 |
| 145 | 31.8 | 25.0 | 37.6 |

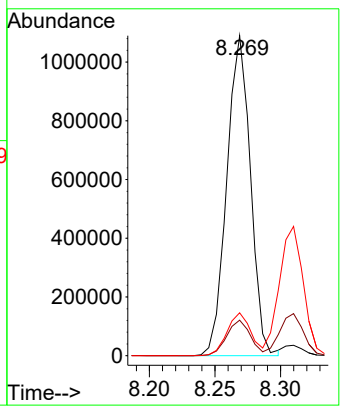





#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 136962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.4 | 10.6 | 16.0 |




**Instrument :**
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SSTDICC050

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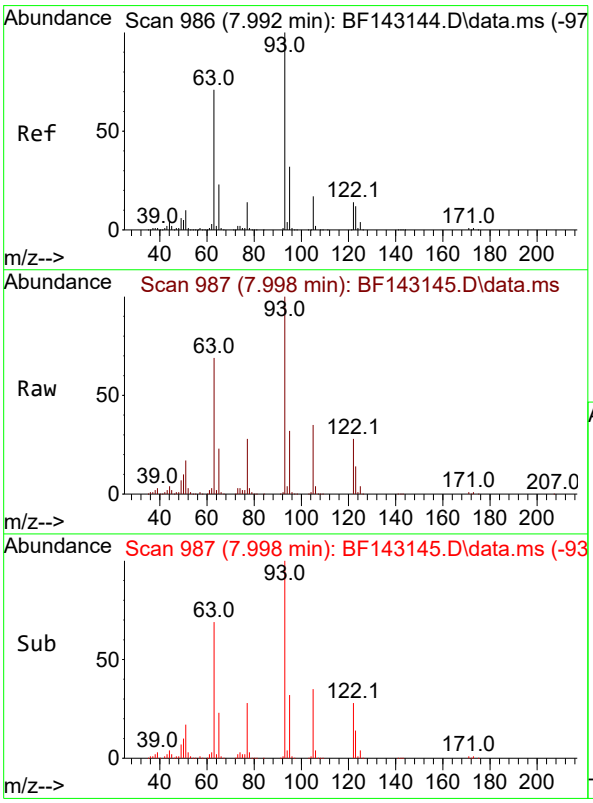
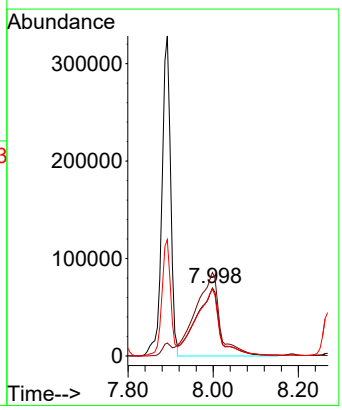
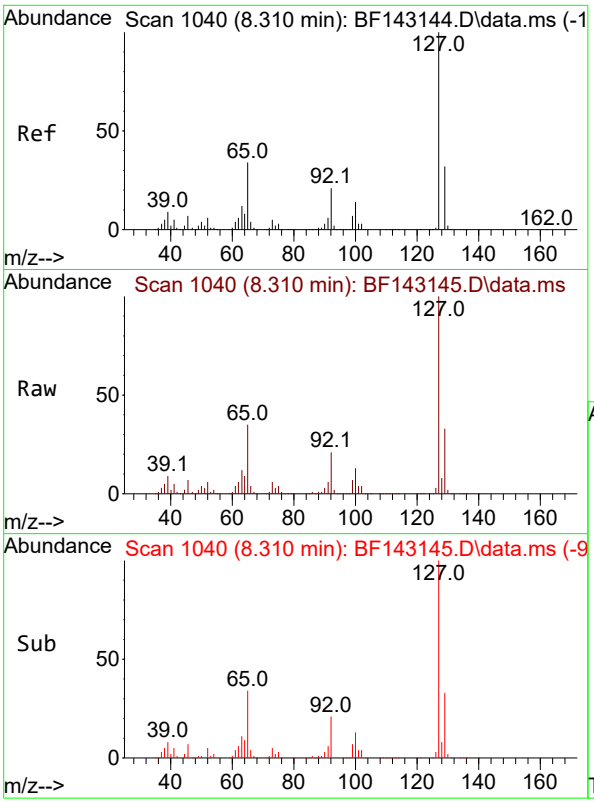



#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 273361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.0 | 104.8 | 144.8 |
| 77 | 98.4 | 77.6 | 117.6 |

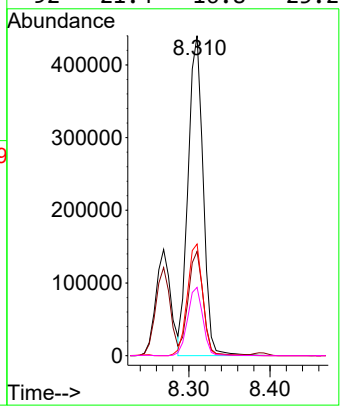





#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:127 Resp: 56642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 21.4 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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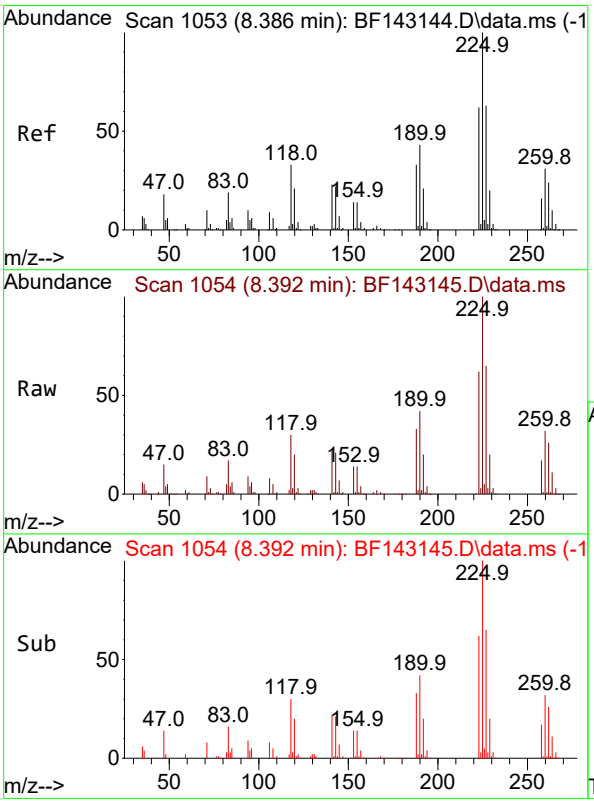
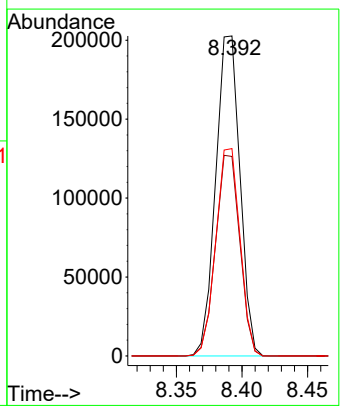
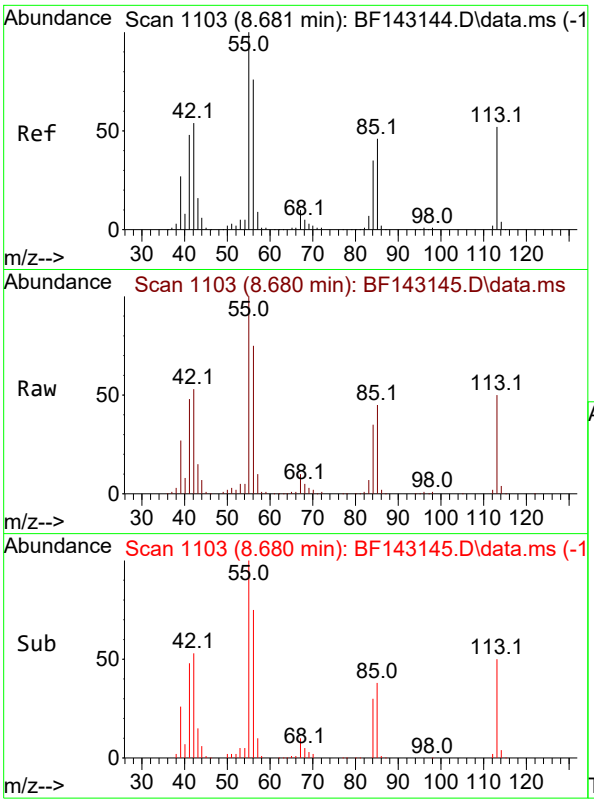



#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 64.8 | 50.2 | 75.4 |

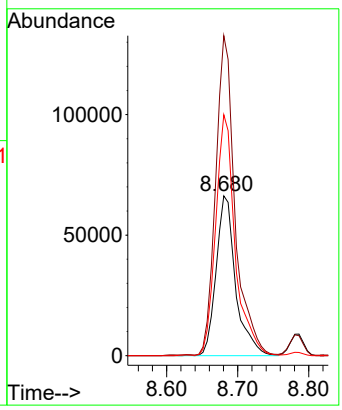





#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:113 Resp: 12605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.3 | 174.0 | 214.0 |
| 56 | 150.8 | 126.6 | 166.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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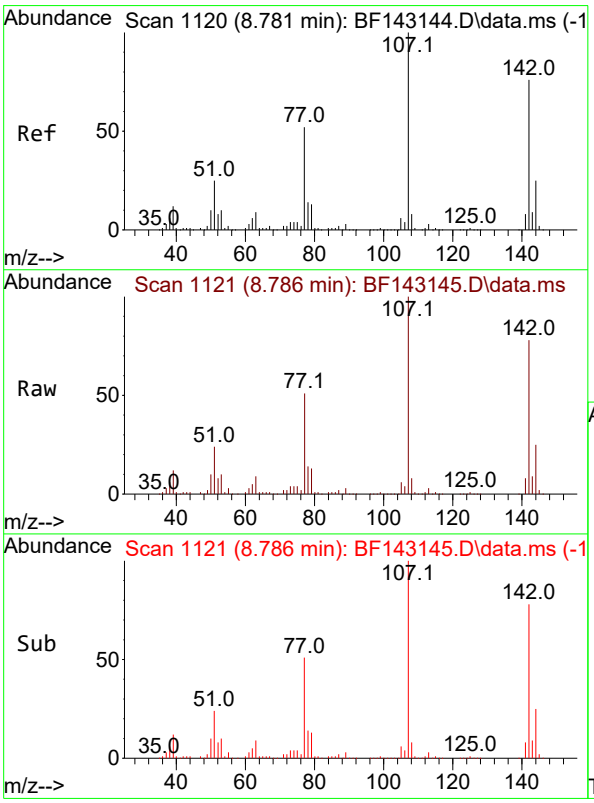
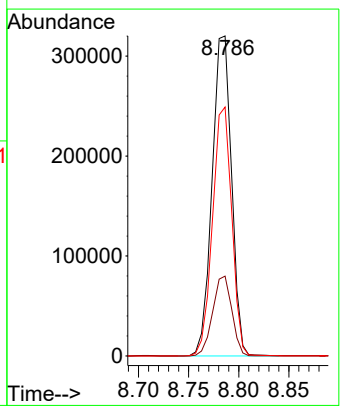
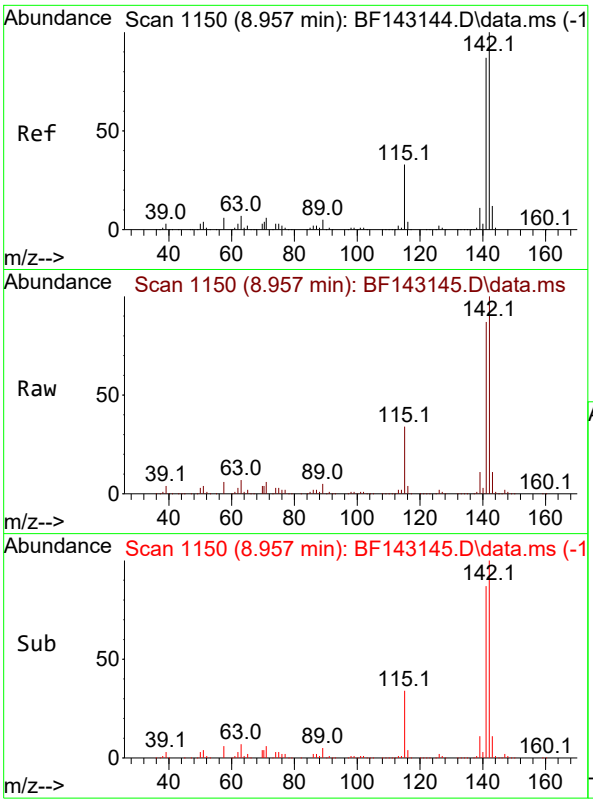



#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.0 | 19.8 | 29.6 |
| 142 | 77.8 | 60.6 | 90.8 |

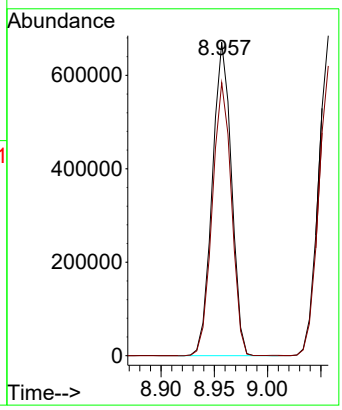





#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 83782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 69.9 | 104.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
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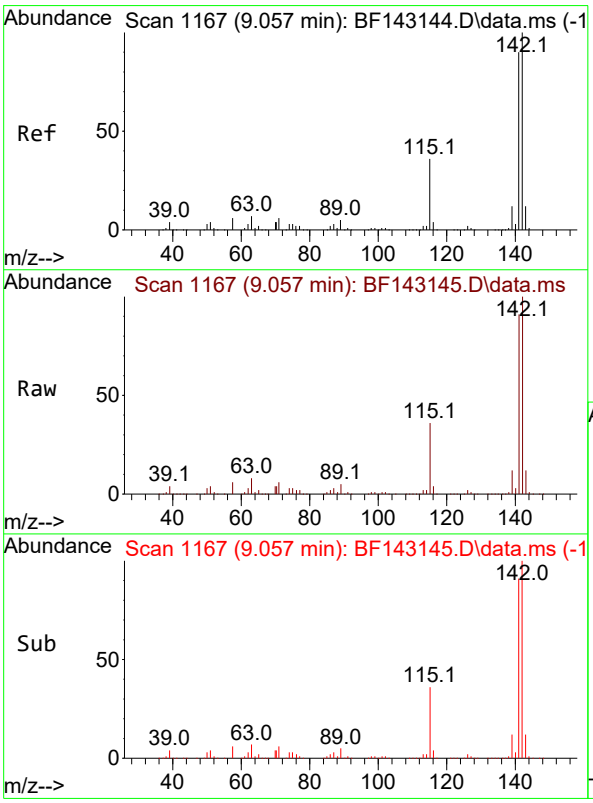
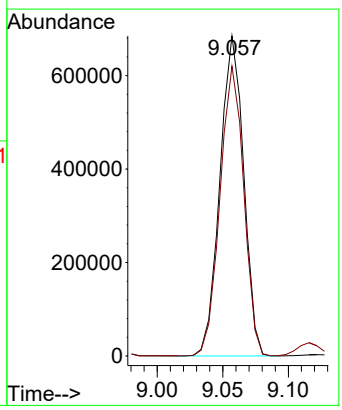
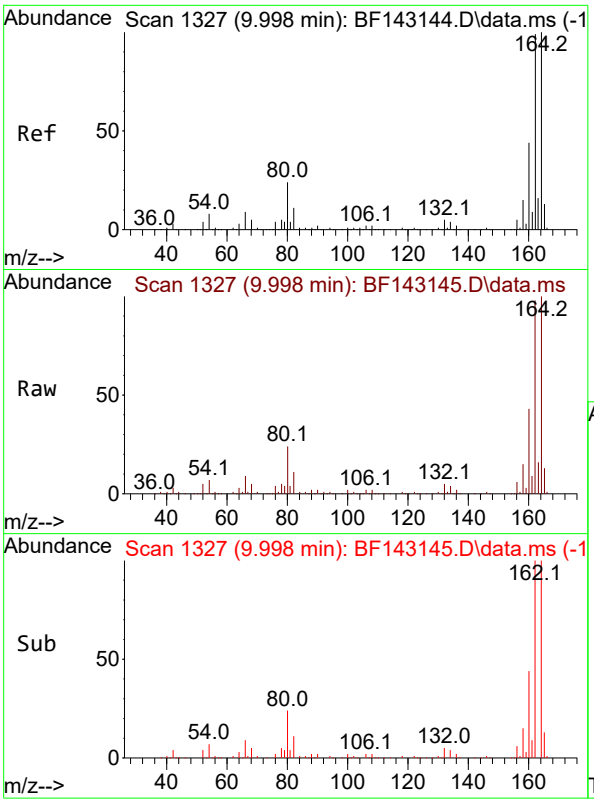



#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 72.3 | 108.5 |

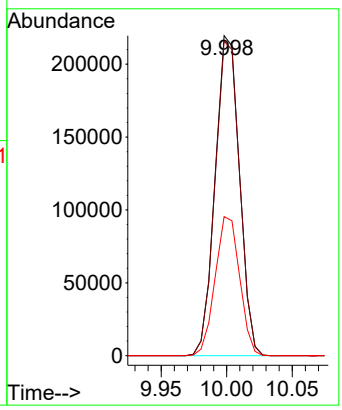





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:164 Resp: 28365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.3 | 79.0 | 118.6 |
| 160 | 43.5 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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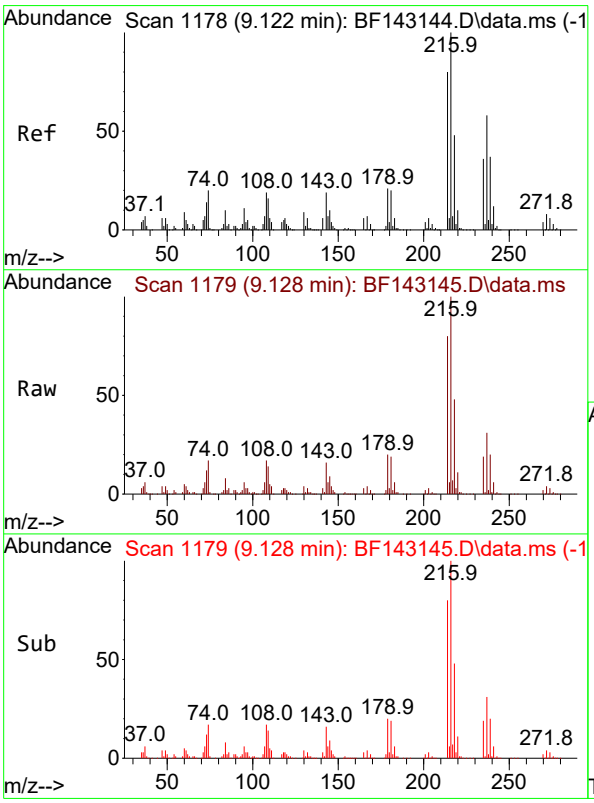
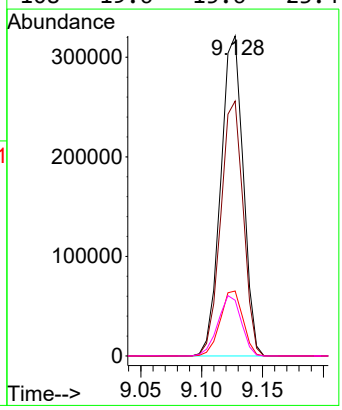
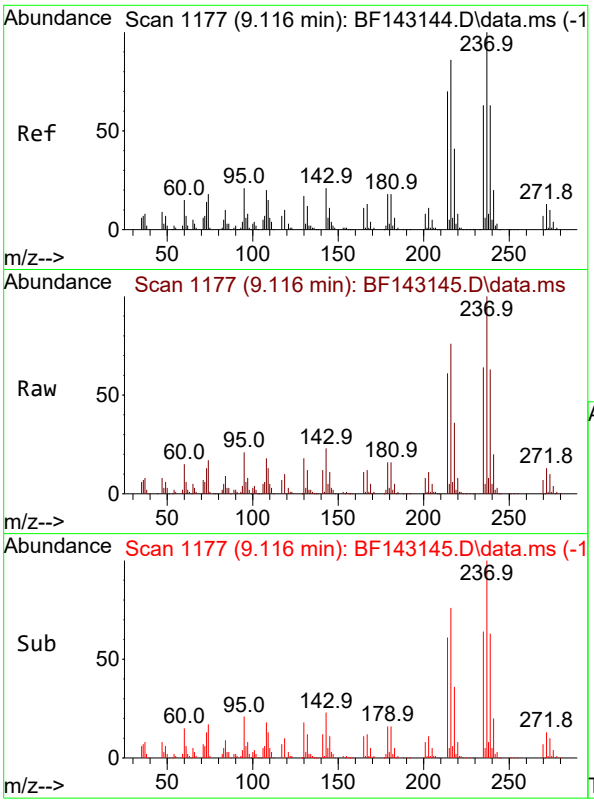



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 19.6 | 15.6 | 23.4 |

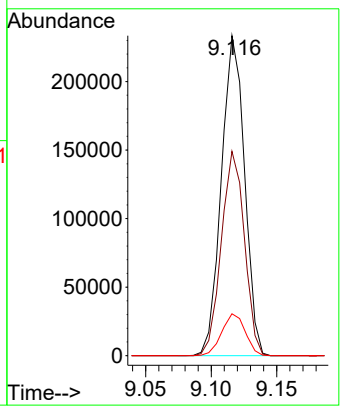





#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:237 Resp: 28680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 43.0 | 83.0 |
| 272 | 13.1 | 0.0 | 33.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
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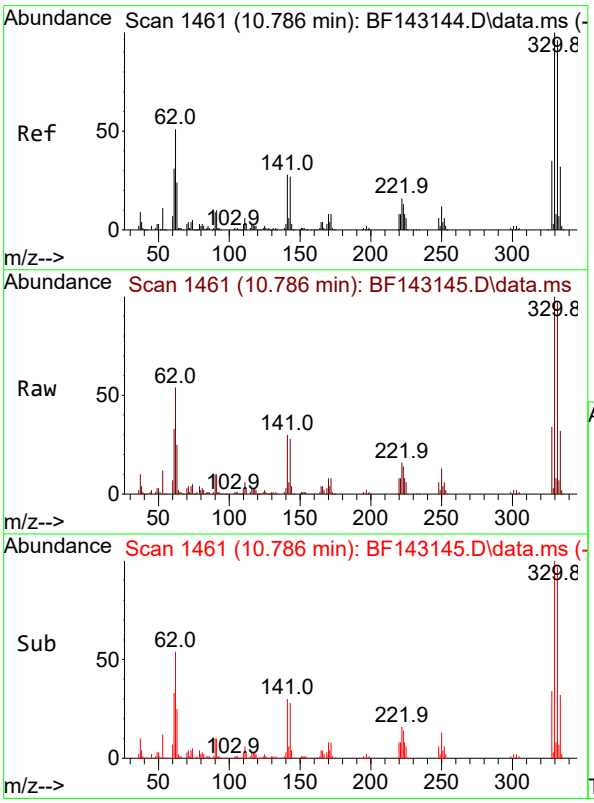
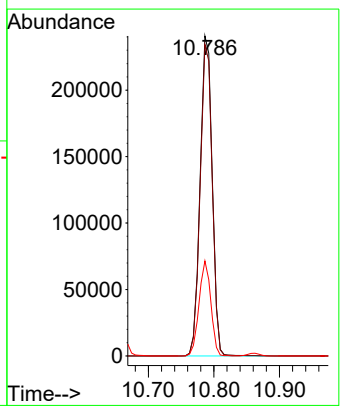
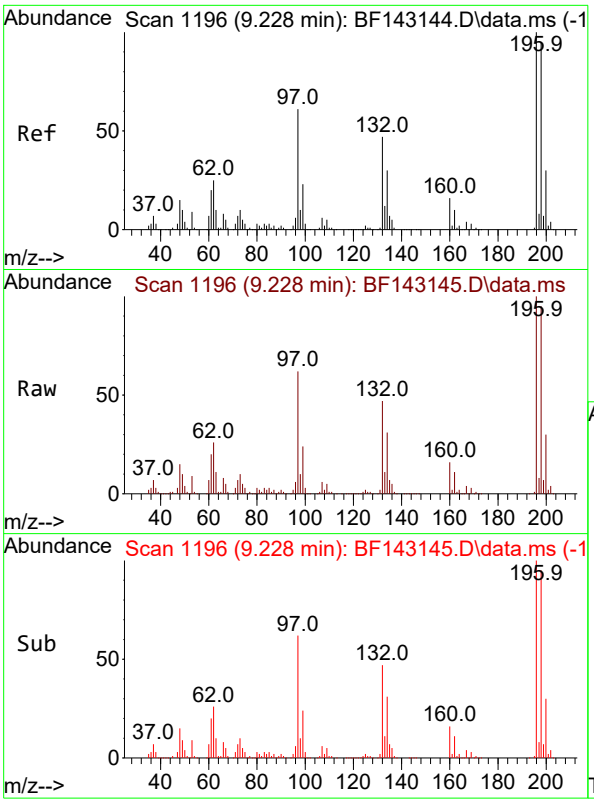



#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.7 | 115.1 |
| 141 | 29.0 | 23.3 | 34.9 |

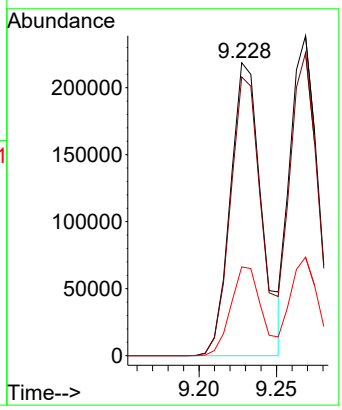





#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 30446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 30.3 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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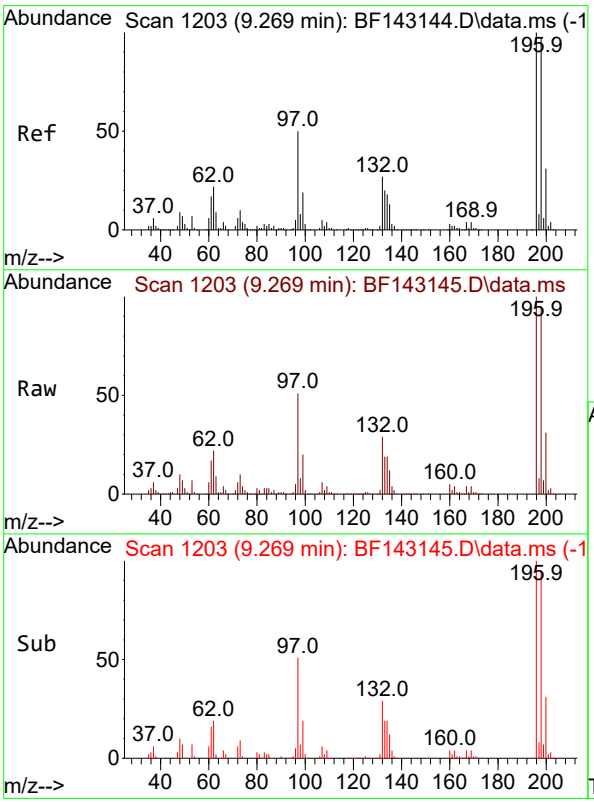
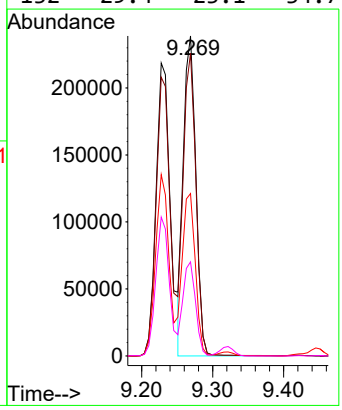
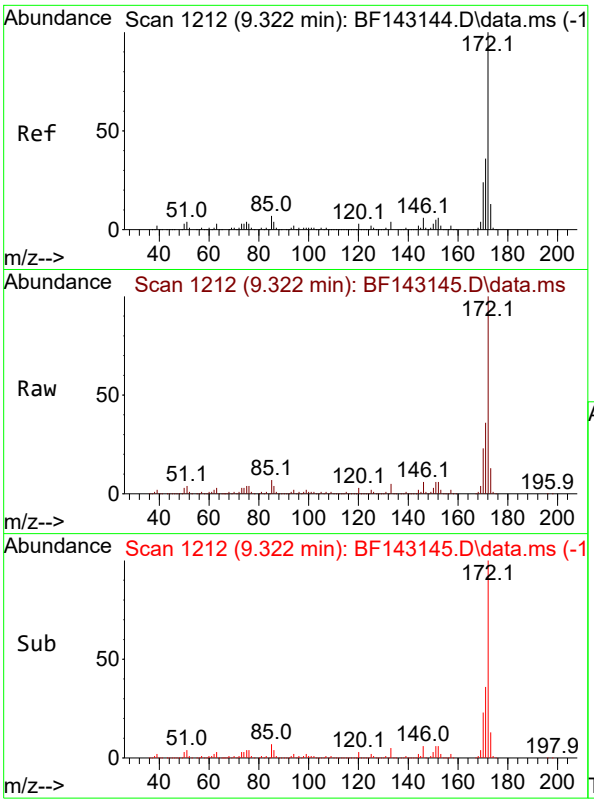



#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 77.3 | 115.9 |
| 97 | 50.8 | 40.3 | 60.5 |
| 132 | 29.4 | 23.1 | 34.7 |

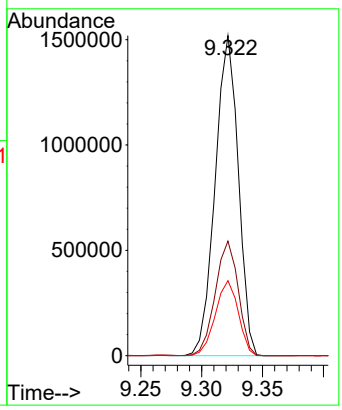





#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:172 Resp: 200589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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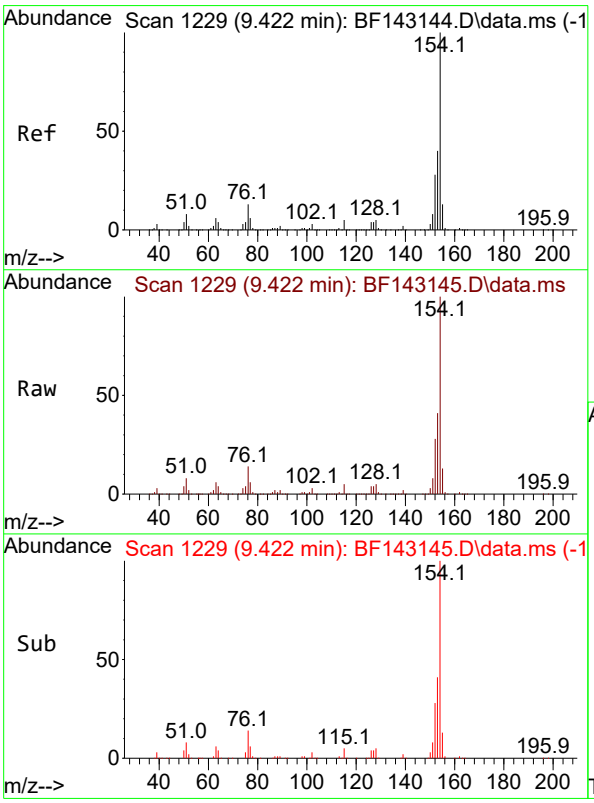
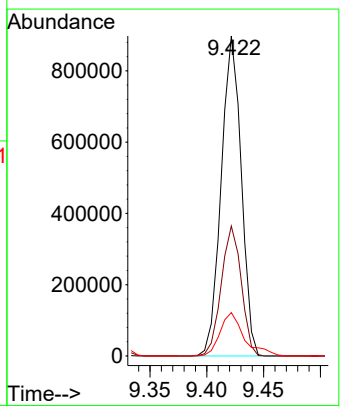
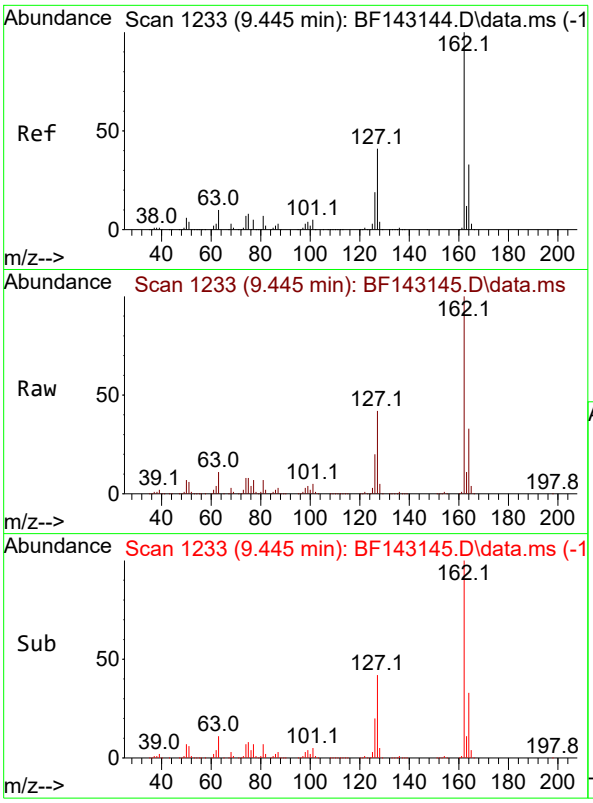



#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.3 | 60.3 |
| 76 | 13.5 | 0.0 | 33.3 |

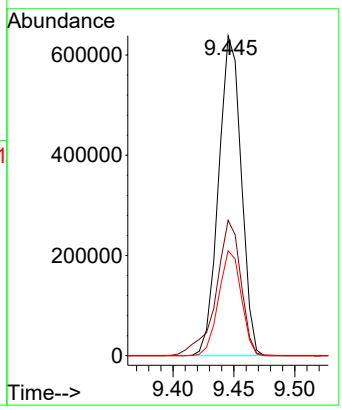





#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:162 Resp: 82674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.3 | 33.4 | 50.2 |
| 164 | 32.8 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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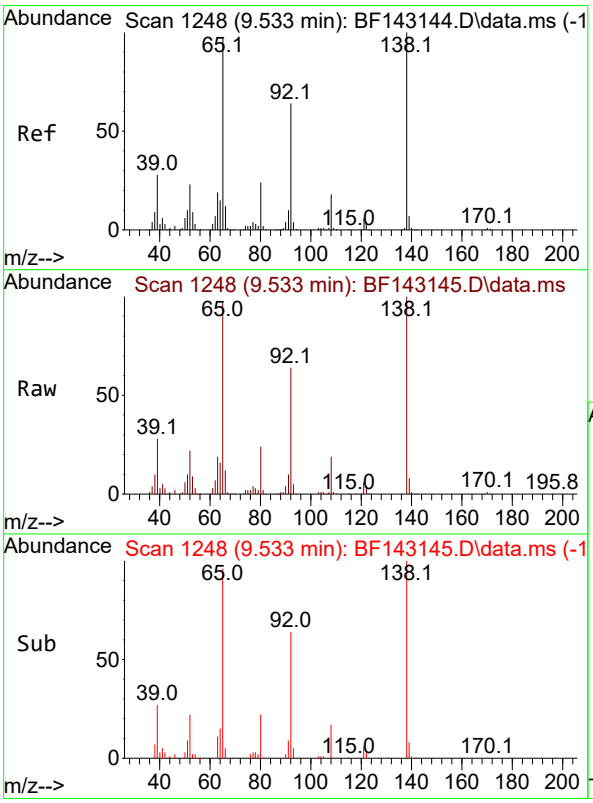
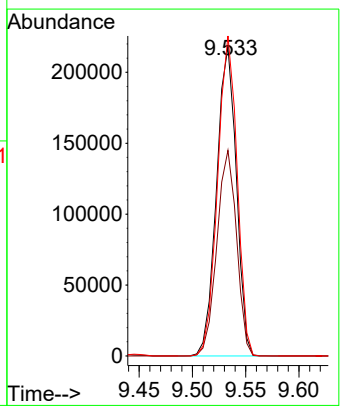
Supervised By :Jagrut Upadhyay 07/18/2025

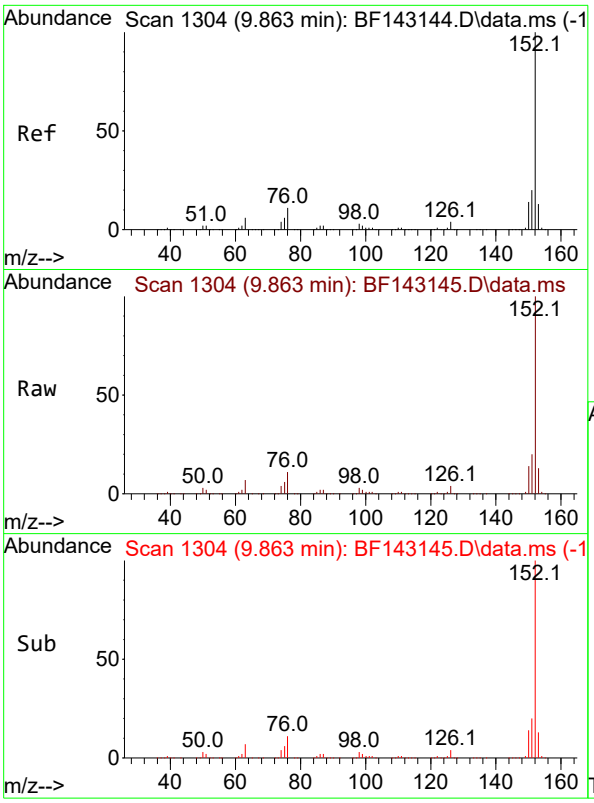



#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 52.4 | 78.6 |
| 138 | 103.5 | 82.3 | 123.5 |

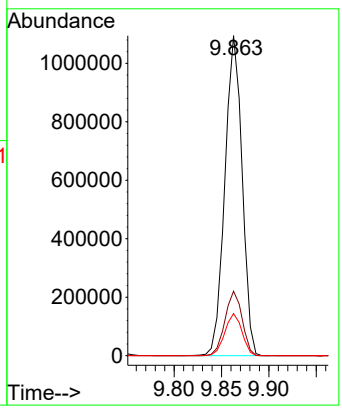





#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:152 Resp: 138872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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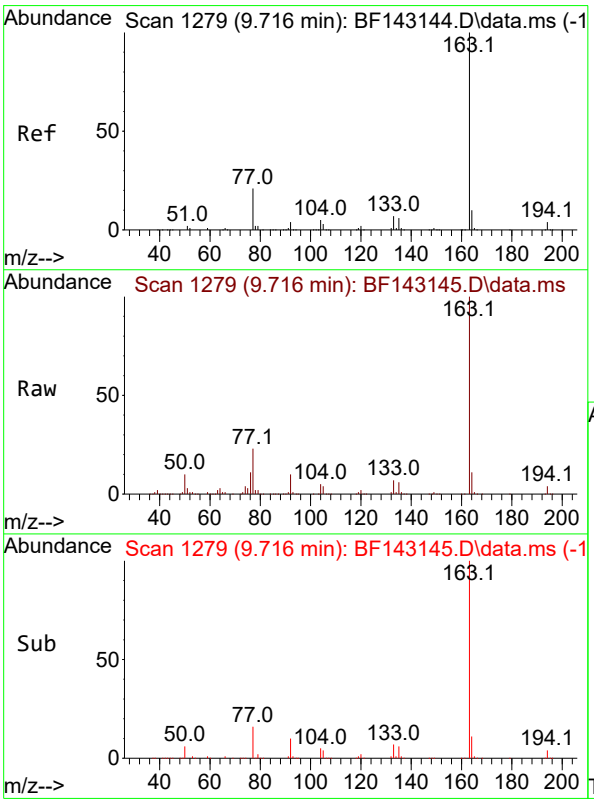
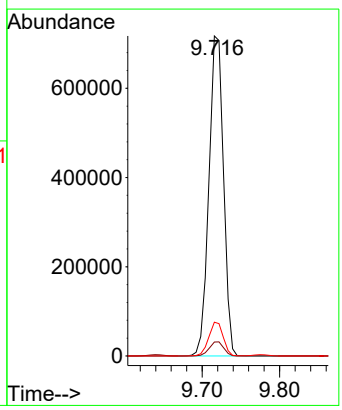
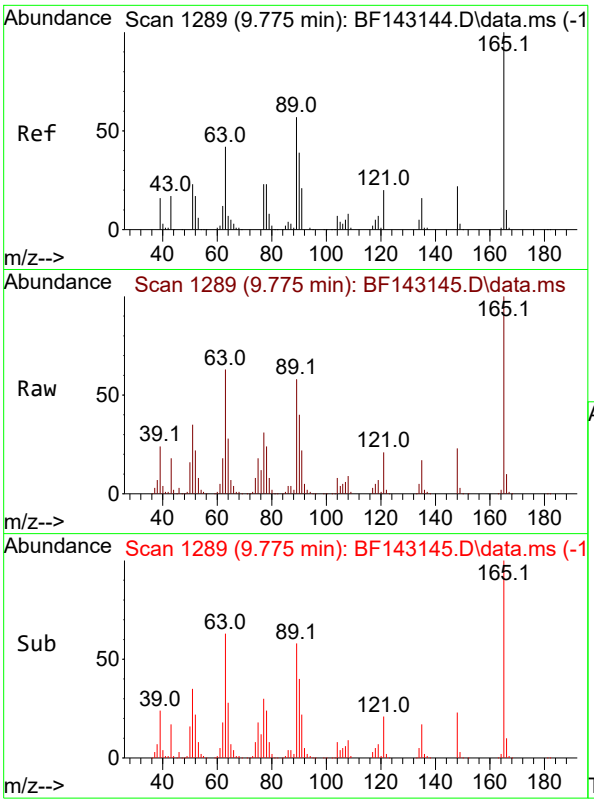



#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.5 | 8.3 | 12.5 |

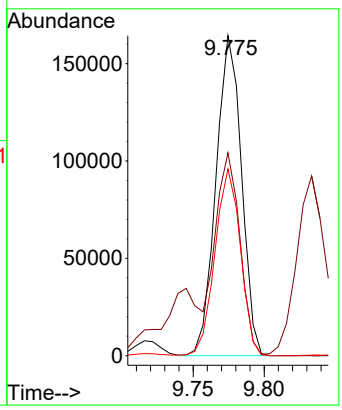





#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 20514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.4 | 49.4 | 74.2 |
| 89 | 58.4 | 46.2 | 69.2 |




**Instrument :**
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**ClientSampleId :**
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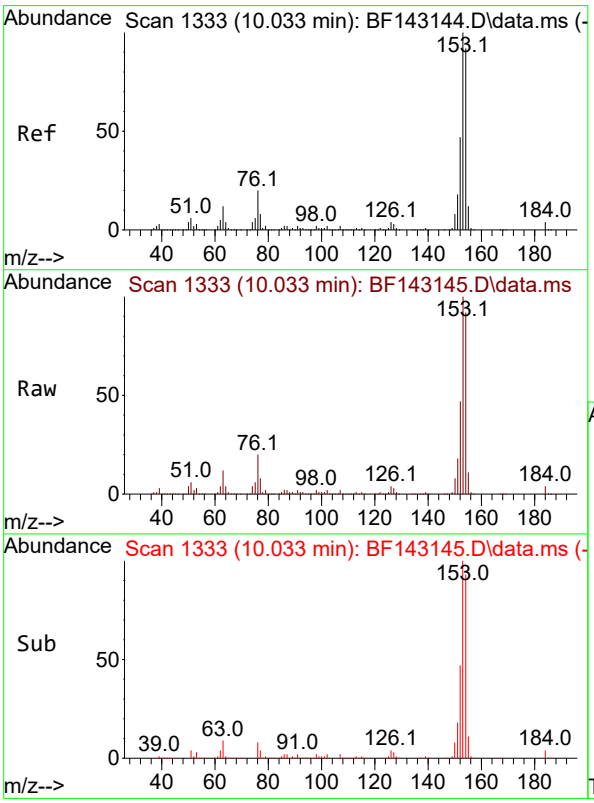
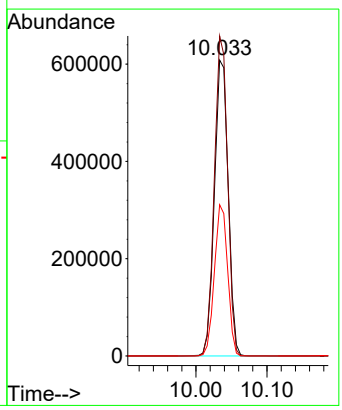
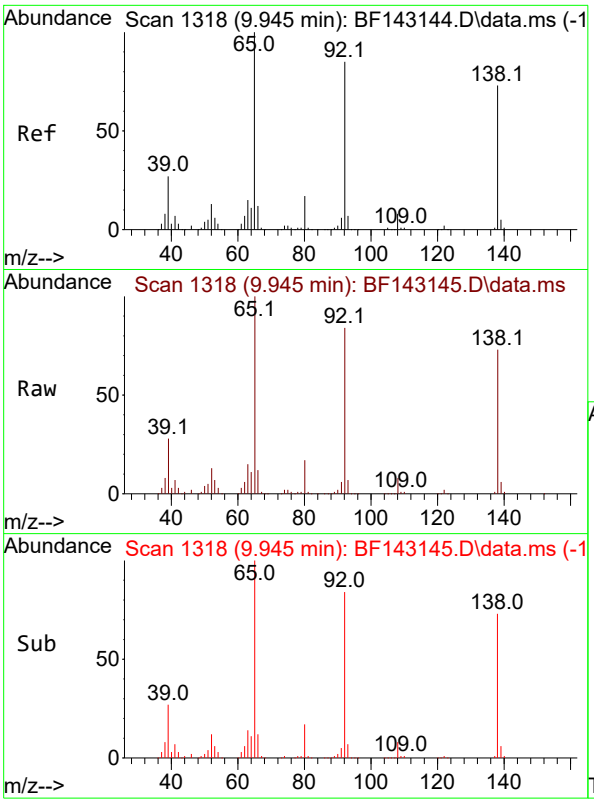



#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.2 | 86.6 | 129.8 |
| 152 | 51.1 | 40.4 | 60.6 |

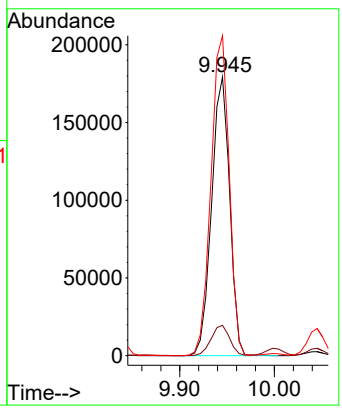





#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 23695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.0 | 13.6 |
| 92 | 114.8 | 93.0 | 139.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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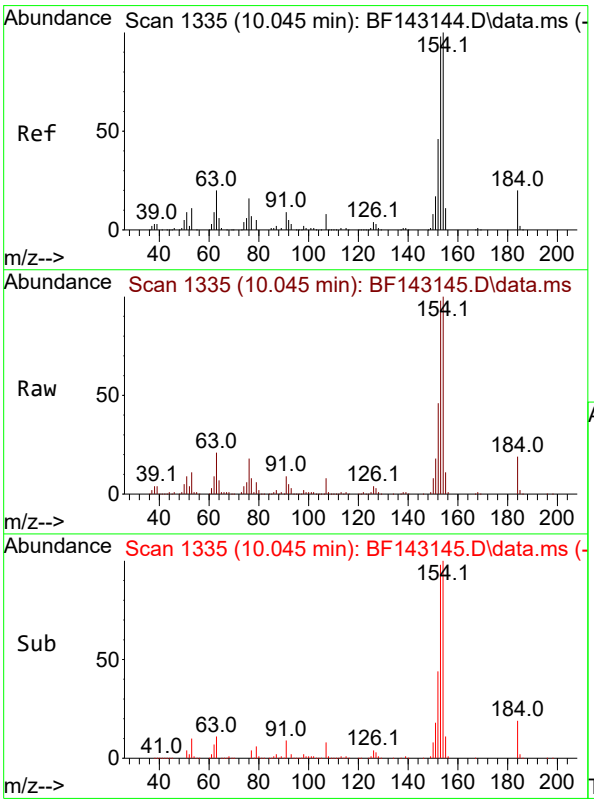
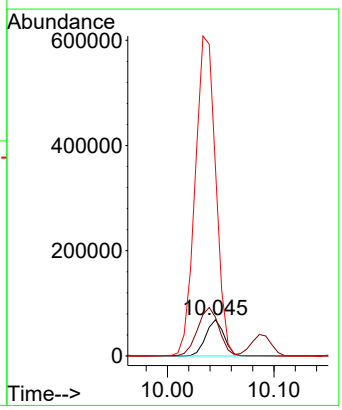
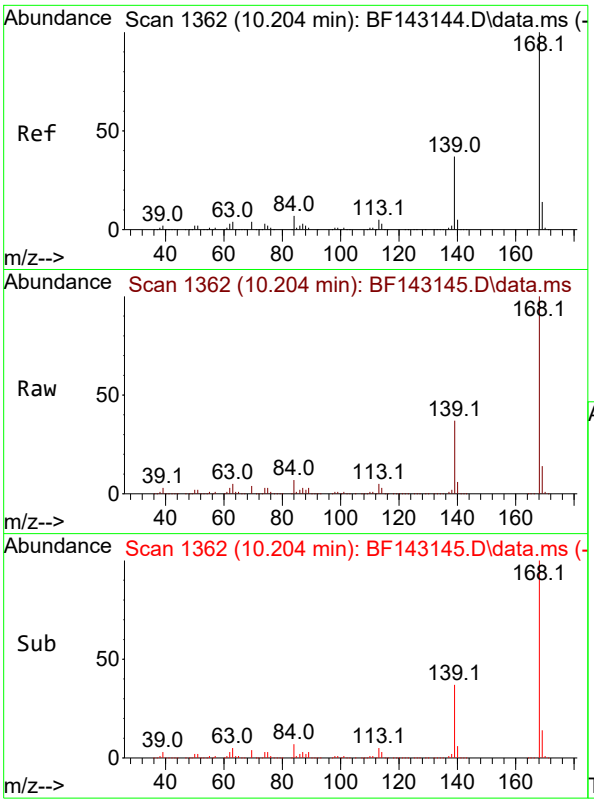



#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 106.9 | 81.8 | 122.6 |
| 154 | 519.2 | 412.2 | 618.4 |

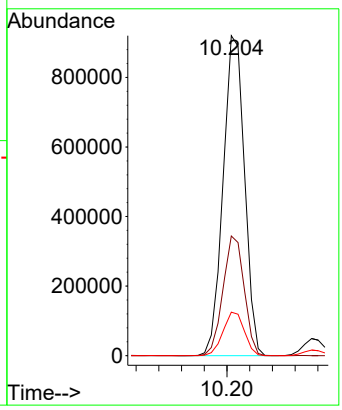





#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:168 Resp: 120408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.5 | 44.3 |
| 169 | 13.6 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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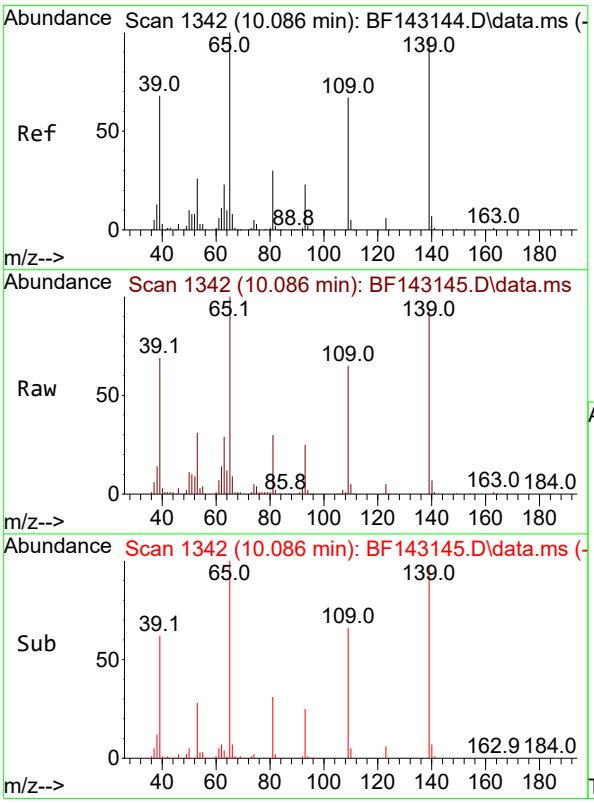
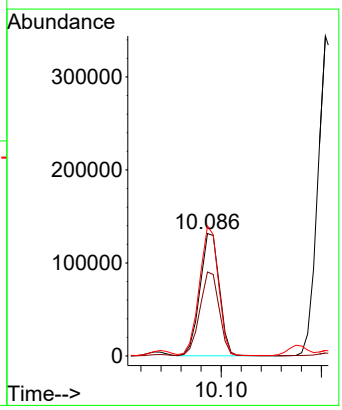
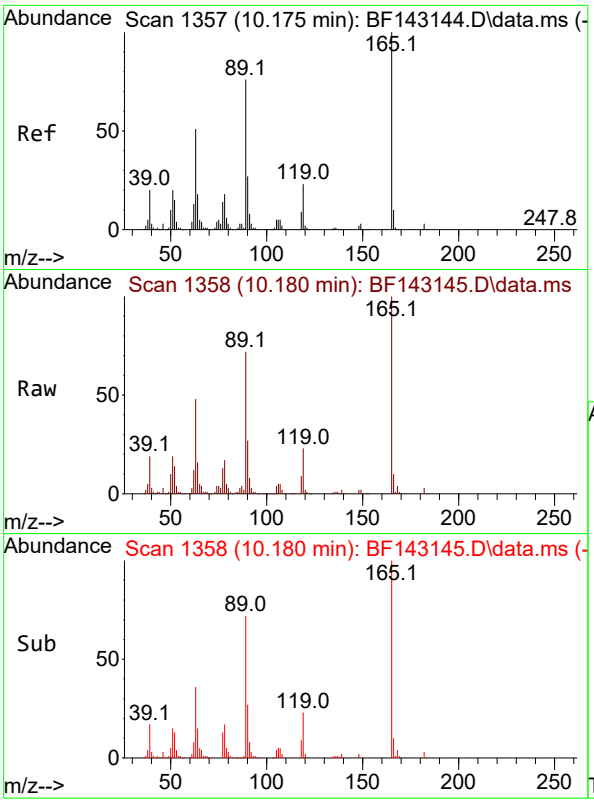



#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 48.5 | 88.5 |
| 65 | 106.2 | 83.4 | 123.4 |

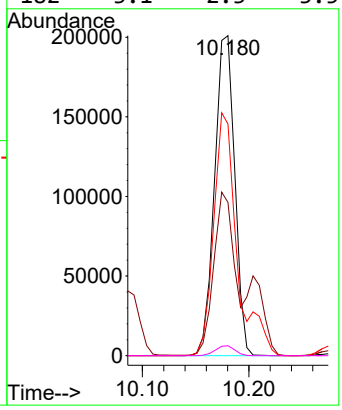





#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:165 Resp: 26404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 41.0 | 61.4 |
| 89 | 72.4 | 61.1 | 91.7 |
| 182 | 3.1 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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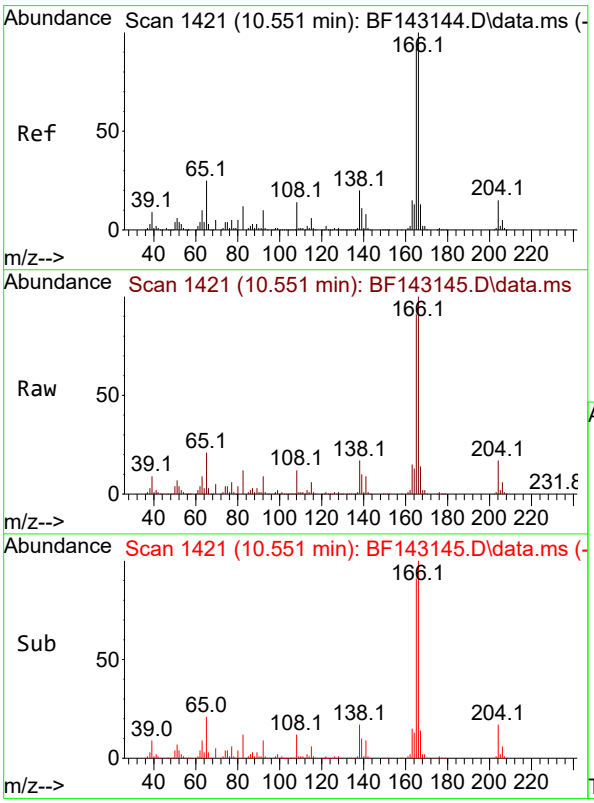
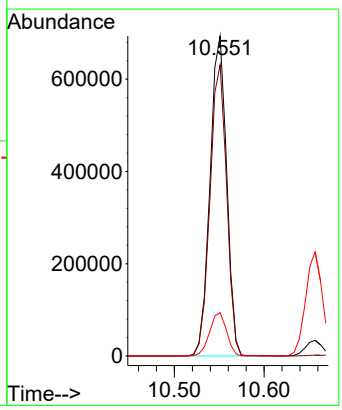
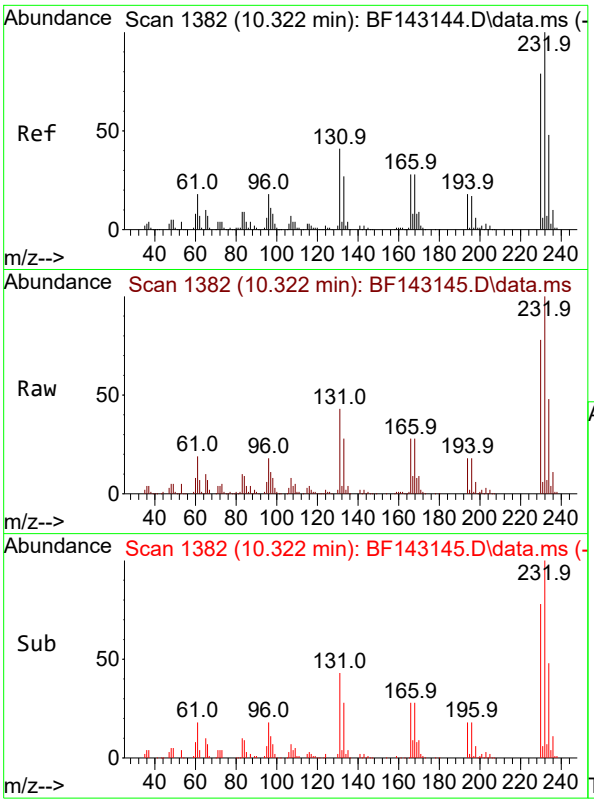



#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.0 | 73.7 | 110.5 |
| 167 | 13.6 | 10.6 | 16.0 |

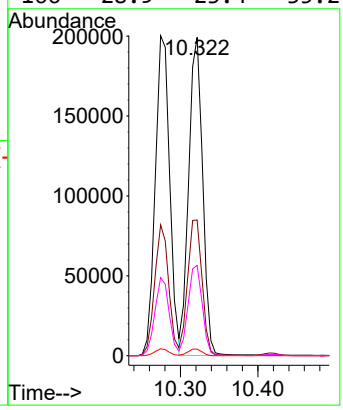





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:232 Resp: 24874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.3 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.9 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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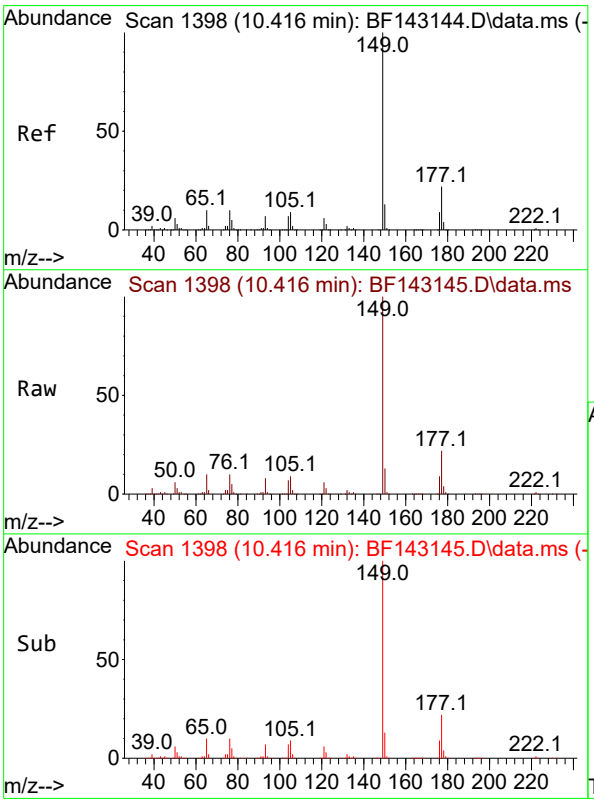
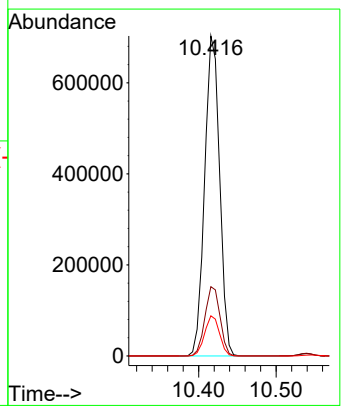
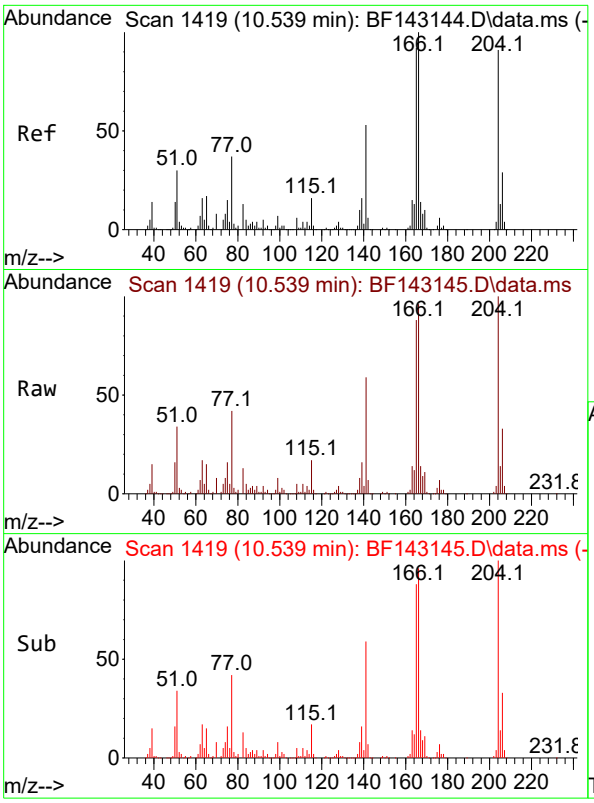



#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |

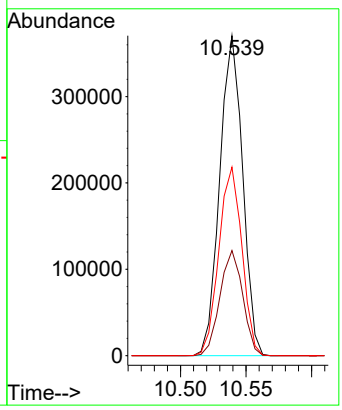





#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:204 Resp: 44916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 25.8 | 38.8 |
| 141 | 58.9 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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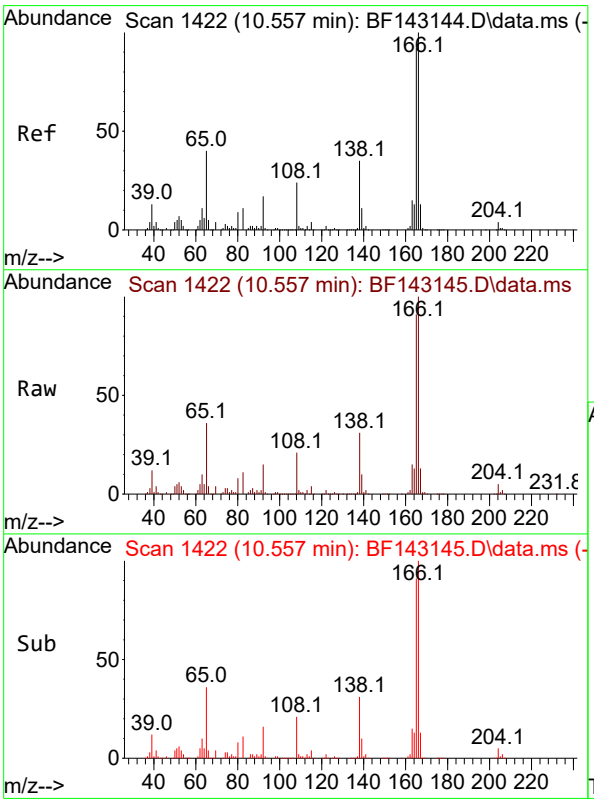
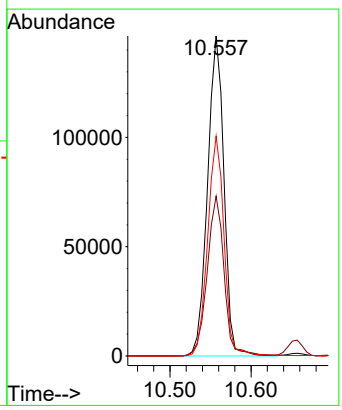
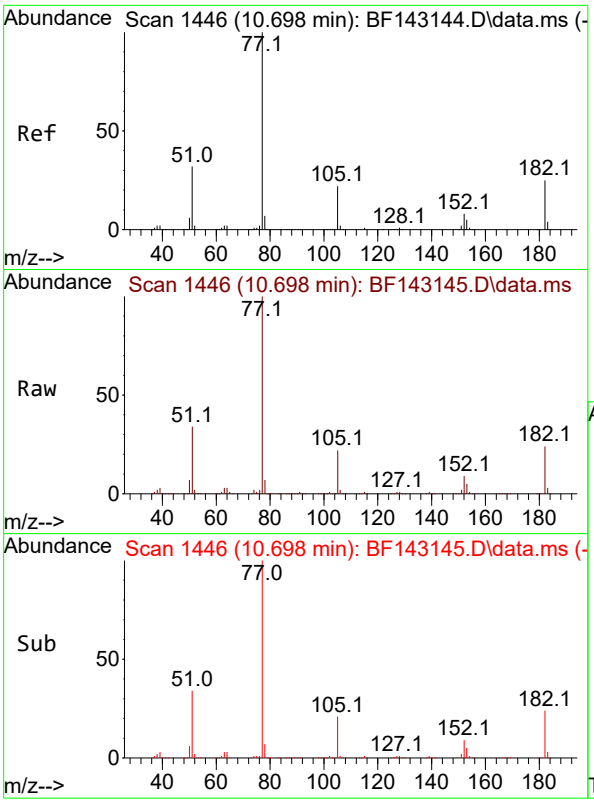



#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.0 | 29.3 | 69.3 |
| 108 | 68.7 | 48.3 | 88.3 |

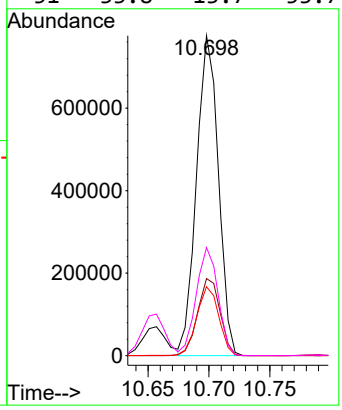





#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 96693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 4.6 | 44.6 |
| 105 | 21.6 | 1.4 | 41.4 |
| 51 | 33.8 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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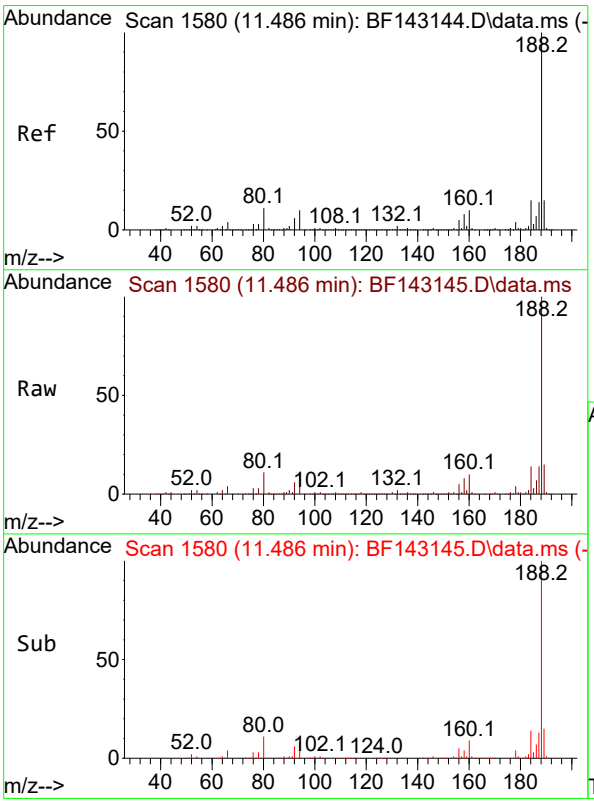
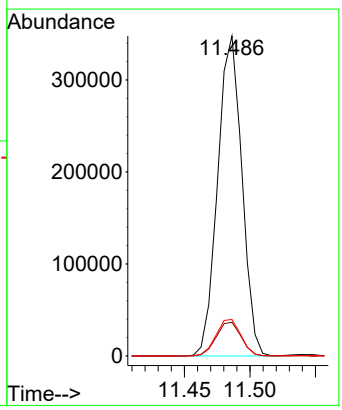
Supervised By :Jagrut Upadhyay 07/18/2025

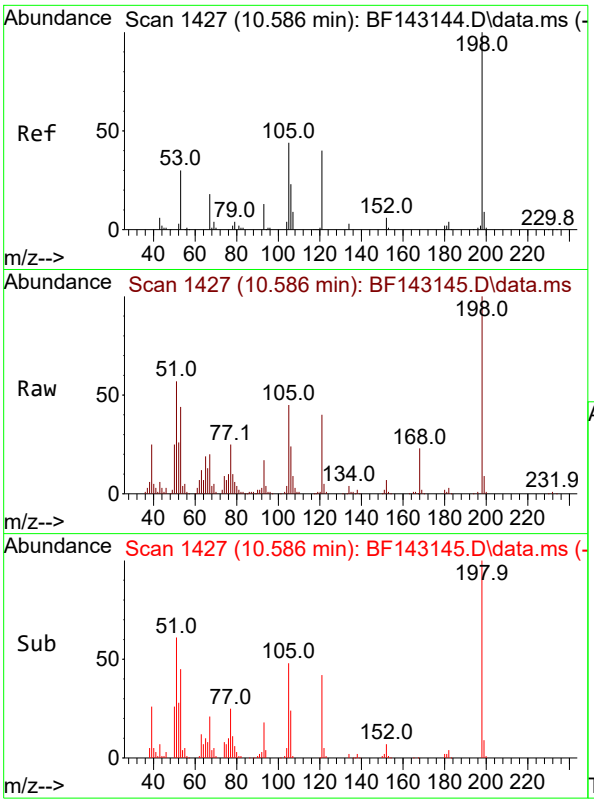



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.4 | 9.0 | 13.6 |

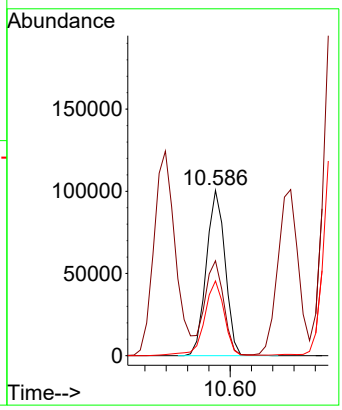





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:198 Resp: 12287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.3 | 37.2 | 77.2 |
| 105 | 45.1 | 24.8 | 64.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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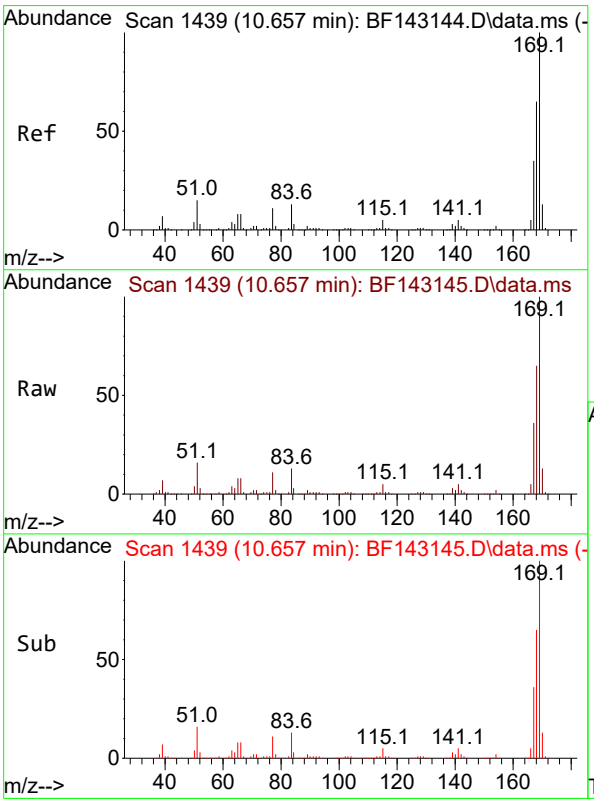
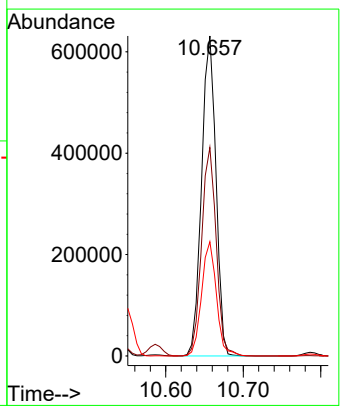
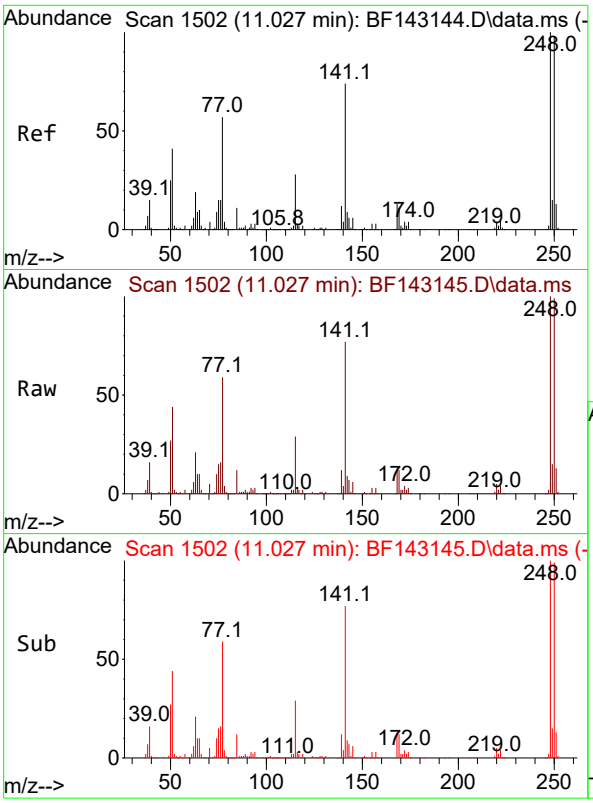



#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 52.1 | 78.1 |
| 167 | 35.7 | 28.2 | 42.2 |

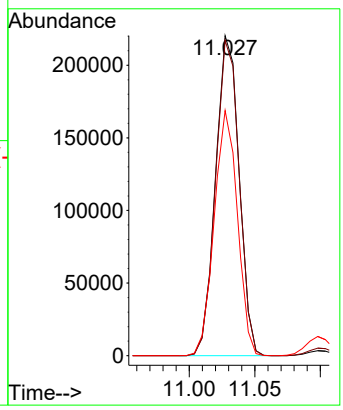





#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:248 Resp: 27567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.5 | 78.3 | 117.5 |
| 141 | 76.6 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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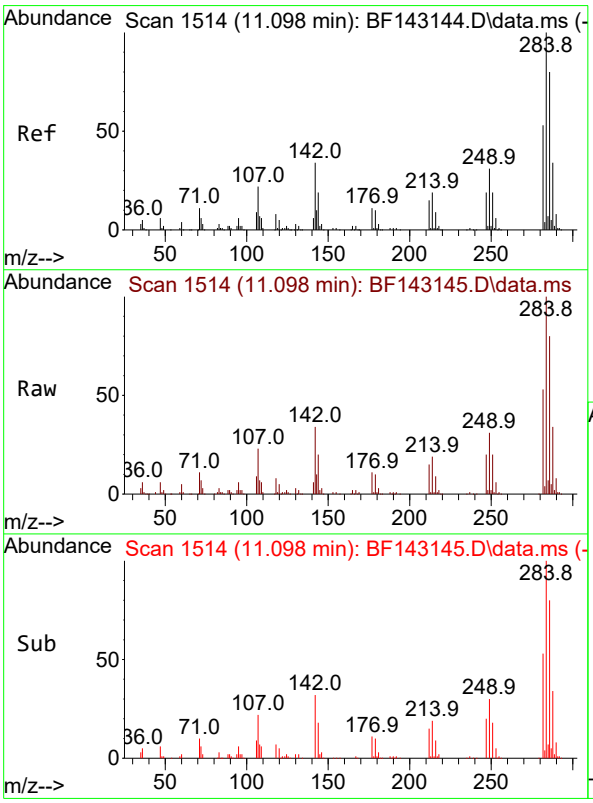
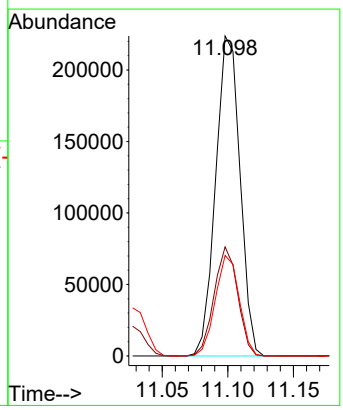
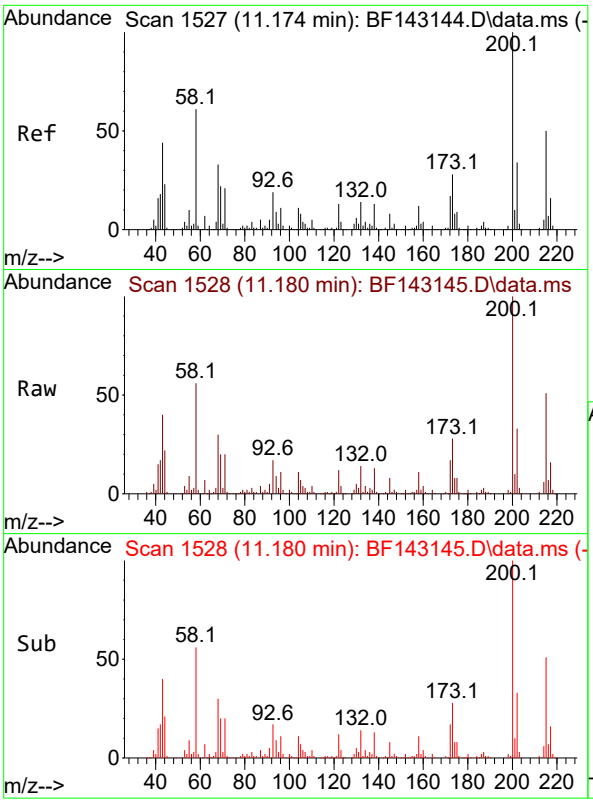



#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.1 | 27.0 | 40.6 |
| 249 | 31.4 | 25.0 | 37.6 |

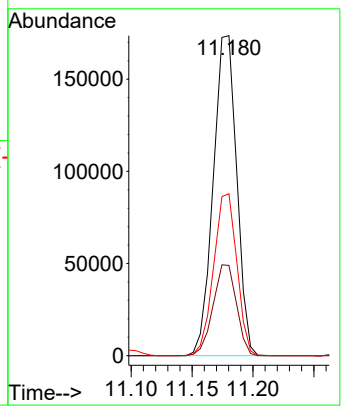





#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:200 Resp: 23290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.2 | 7.9 | 47.9 |
| 215 | 50.6 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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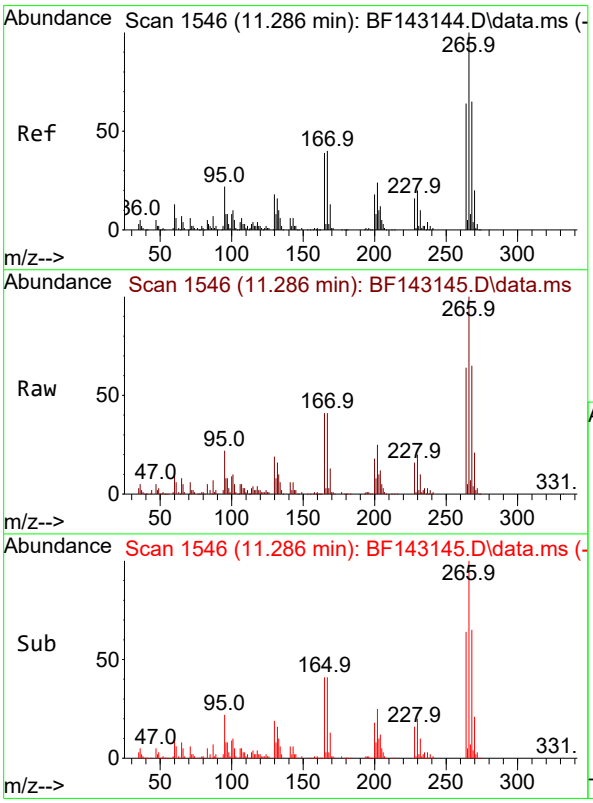
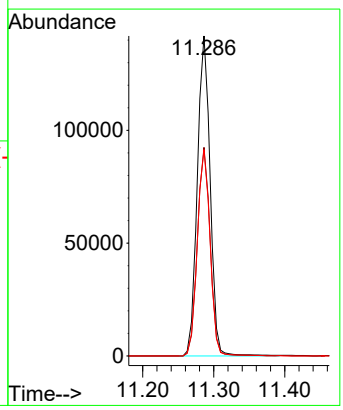
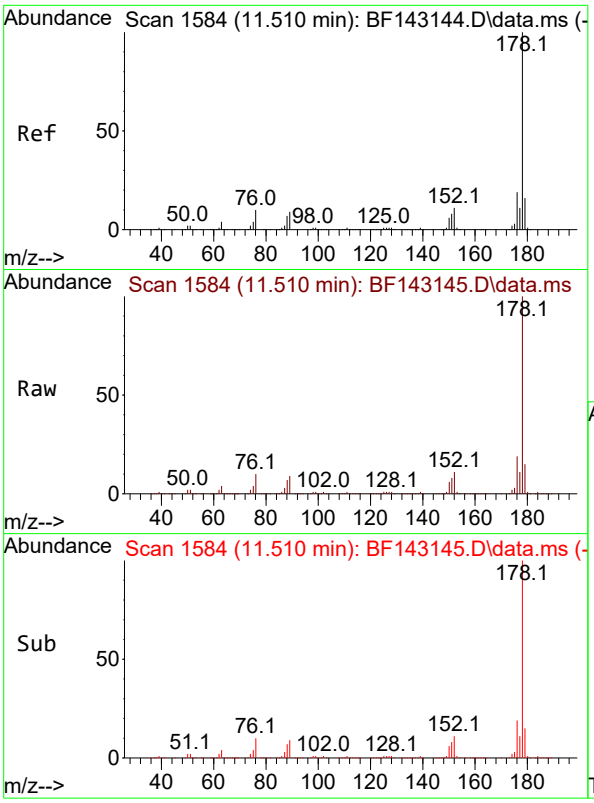



#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 51.9 | 77.9 |
| 264 | 64.5 | 51.0 | 76.6 |

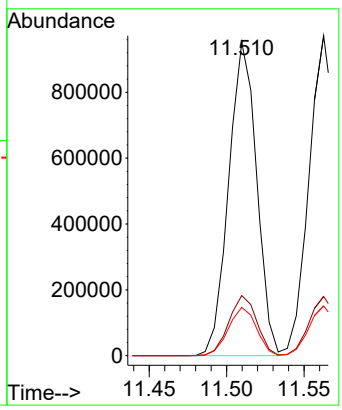





#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 119458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 15.4 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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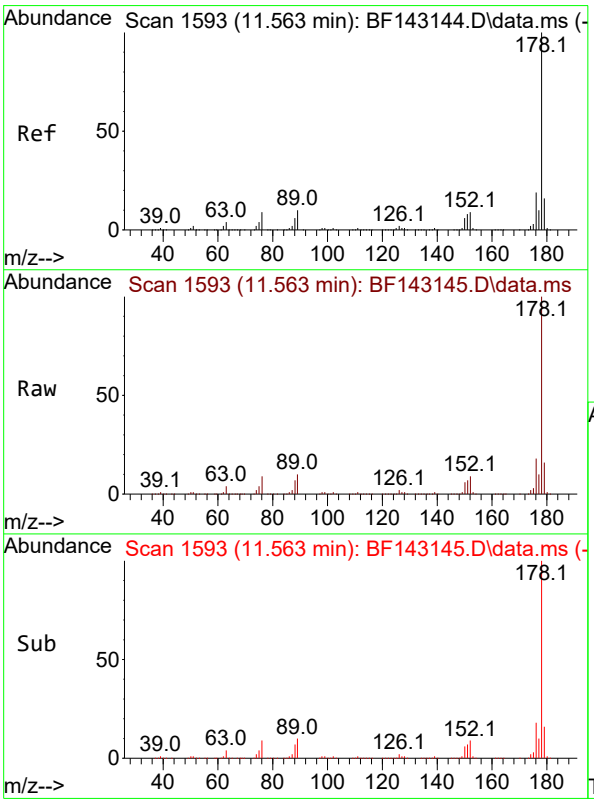
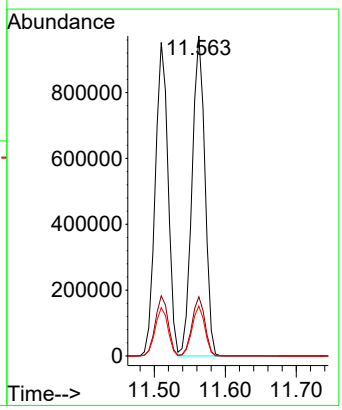
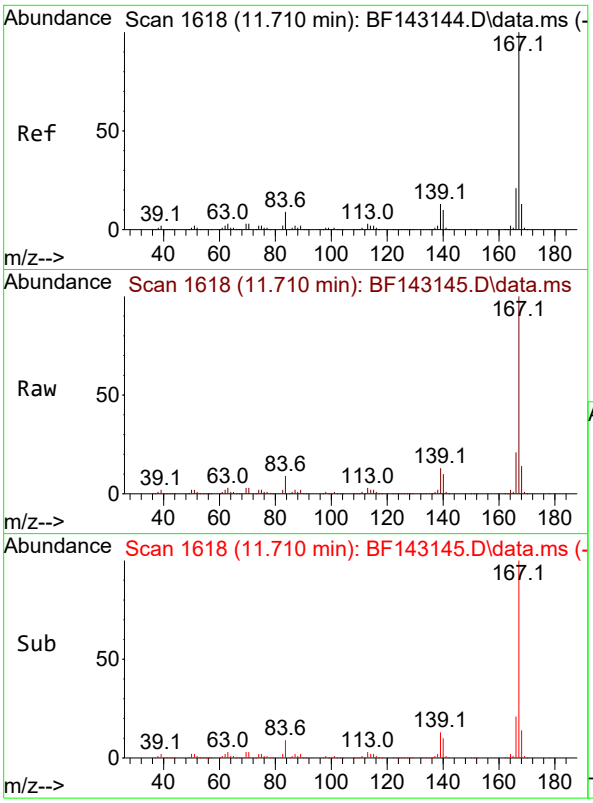



#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |

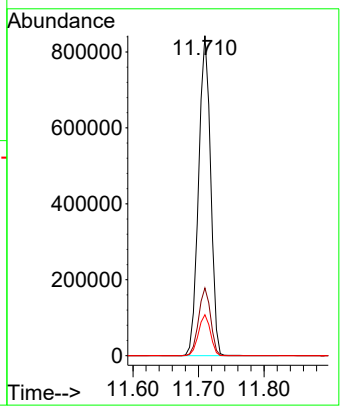





#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:167 Resp: 107680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.0 | 25.6 |
| 139 | 12.8 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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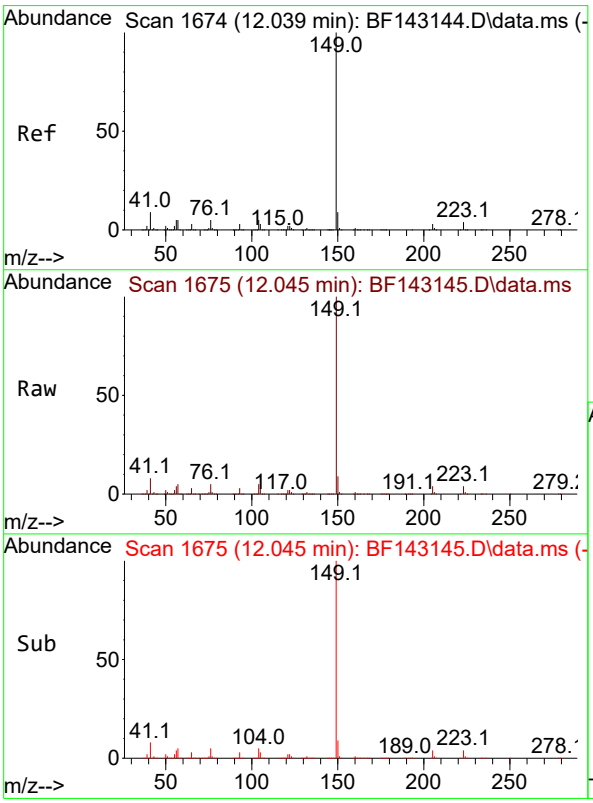
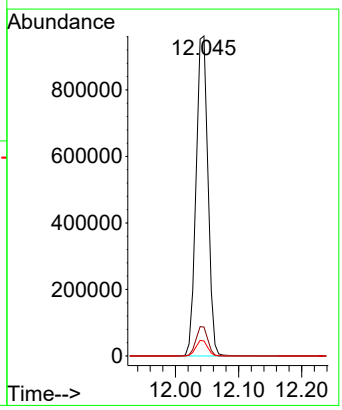
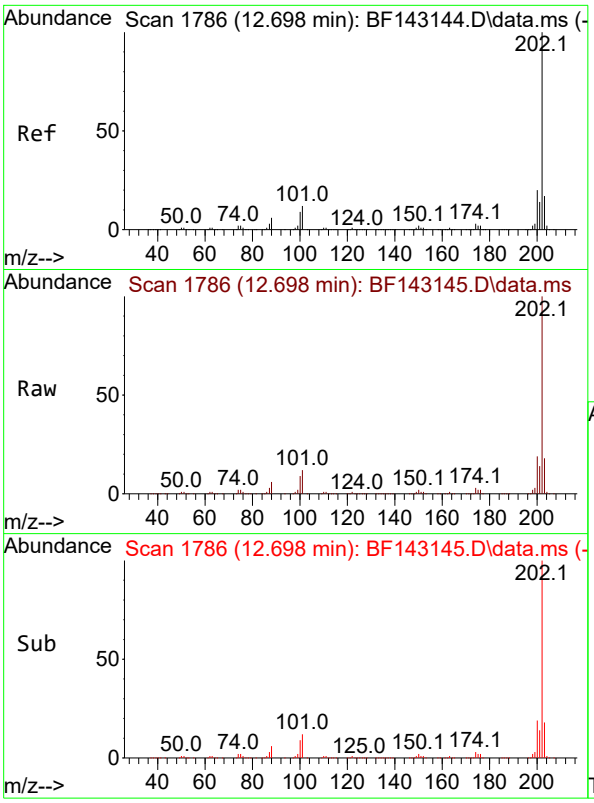



#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |

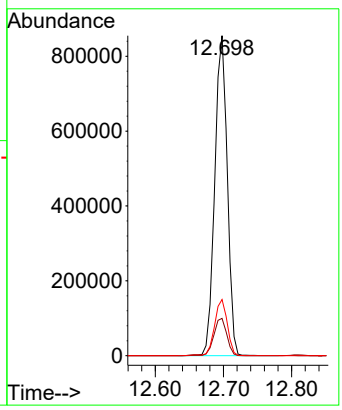





#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 109389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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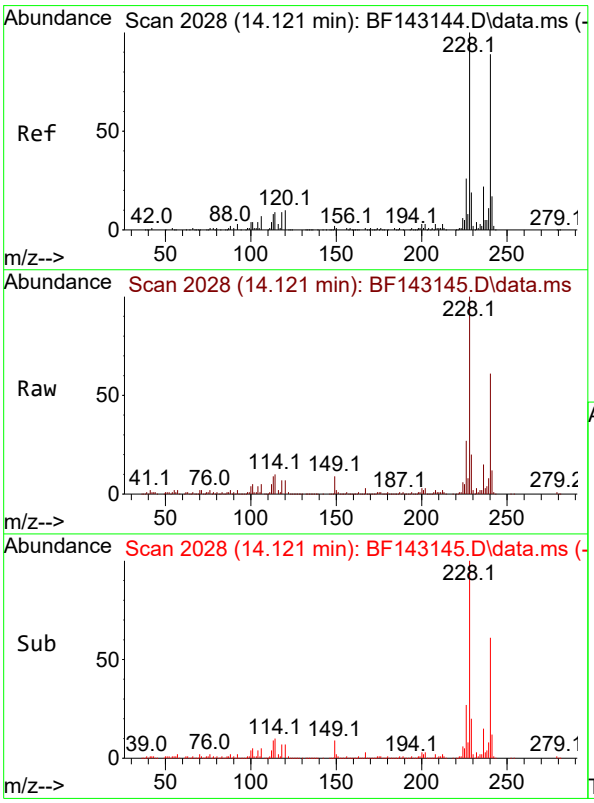
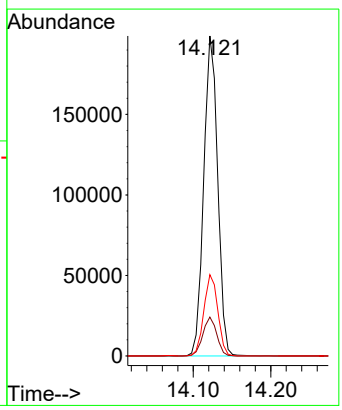
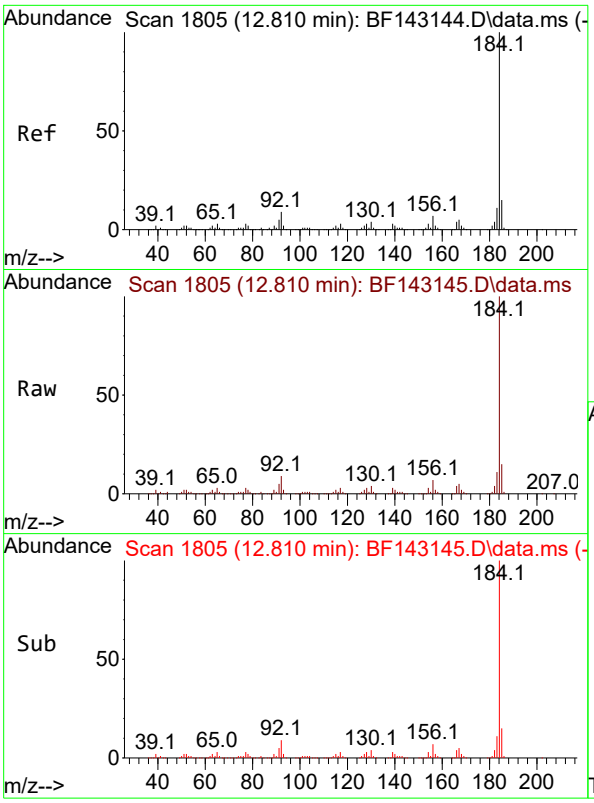



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 9.4 | 14.2 |
| 236 | 25.4 | 20.2 | 30.4 |

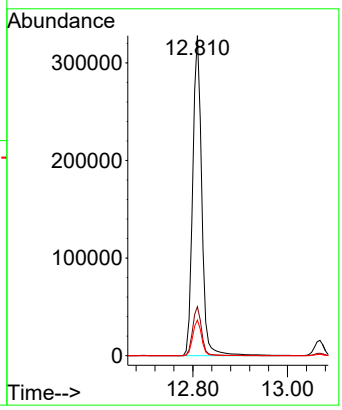





#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 43194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 12.2 | 18.4 |
| 183 | 11.2 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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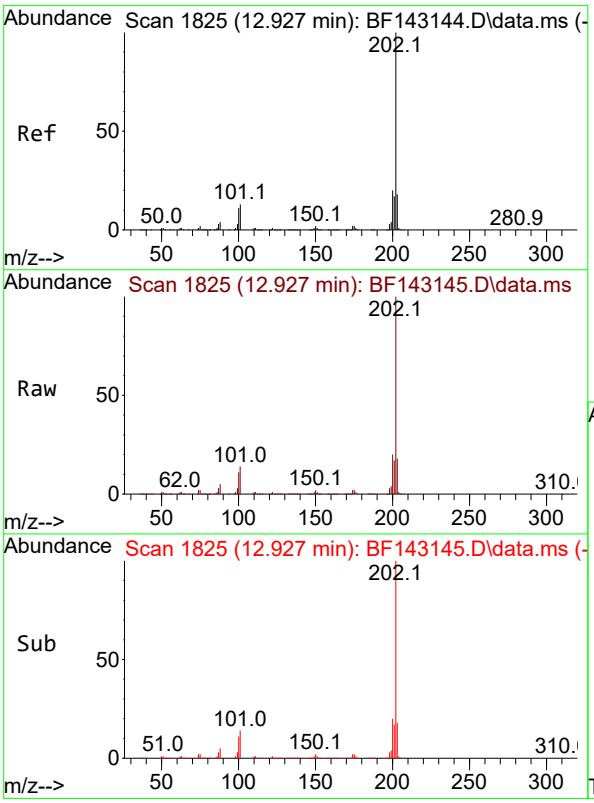
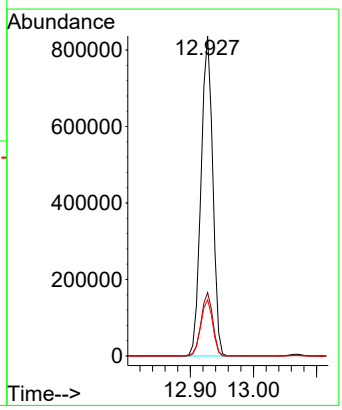
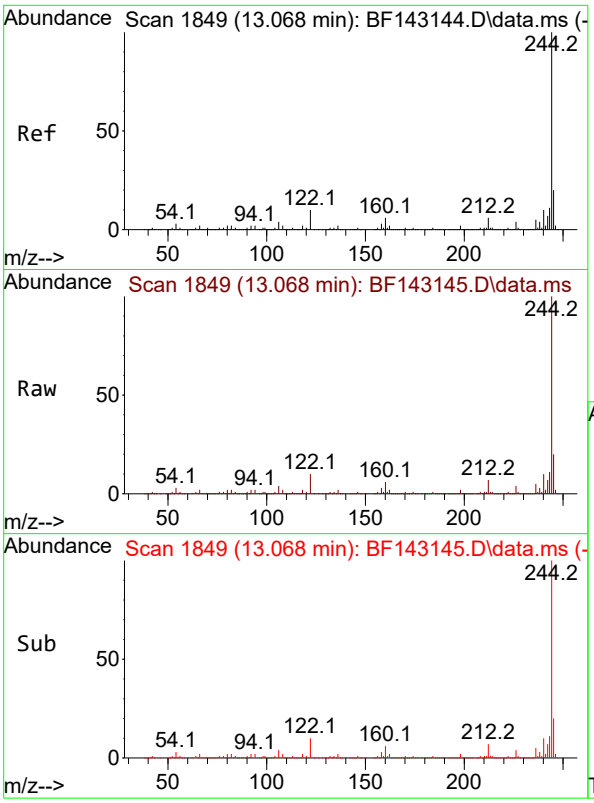



#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 17.5 | 14.2 | 21.2 |

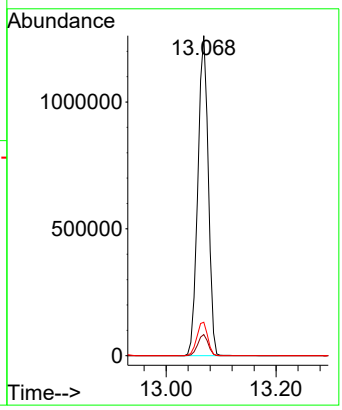





#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:244 Resp: 166303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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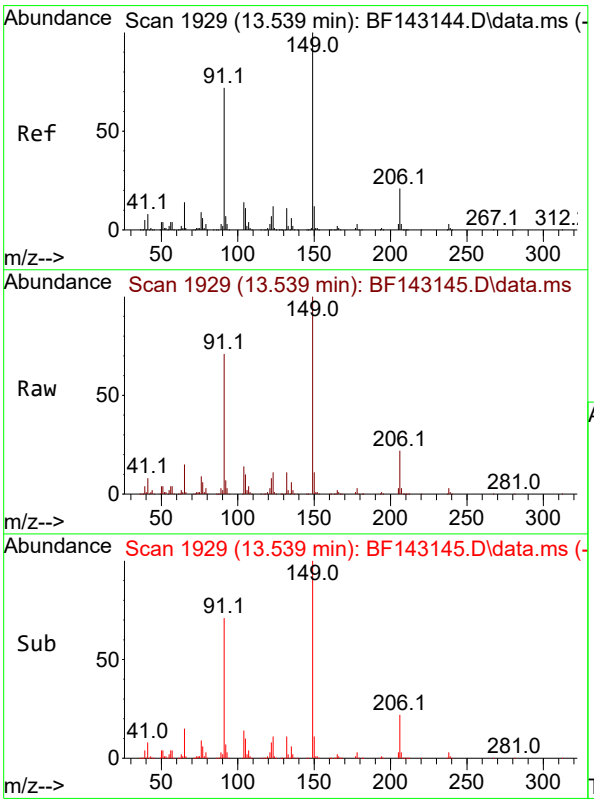
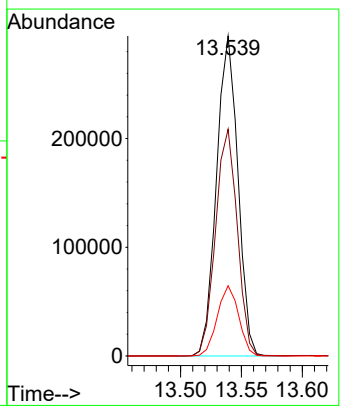
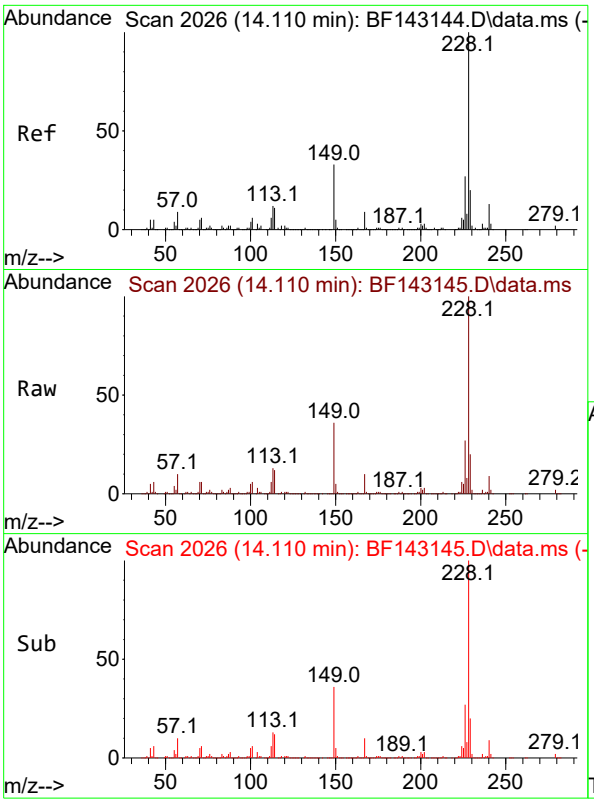



#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.8 | 57.9 | 86.9 |
| 206 | 22.0 | 17.0 | 25.4 |

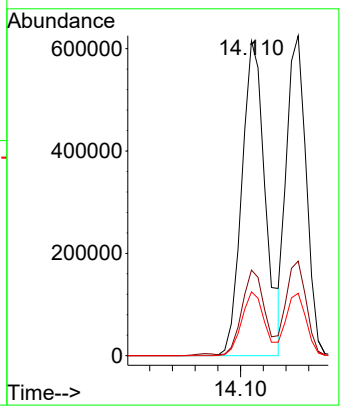





#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 88097

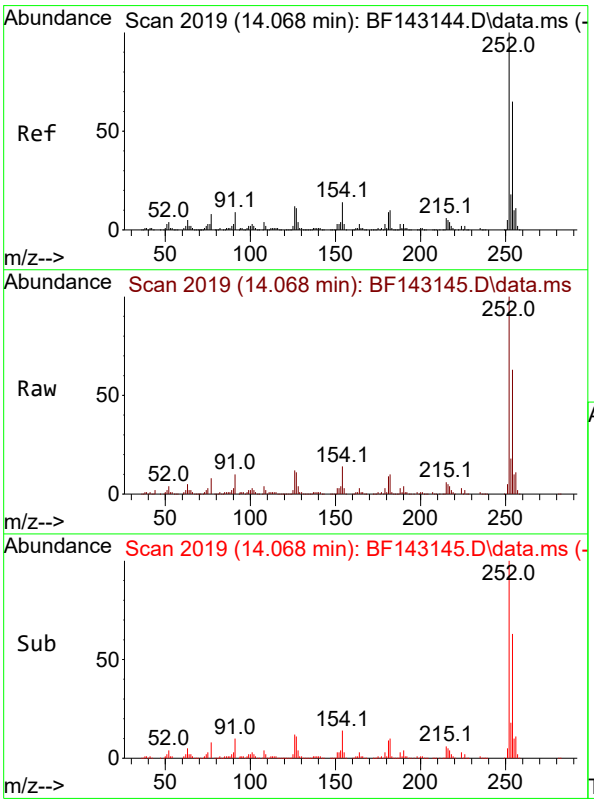
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

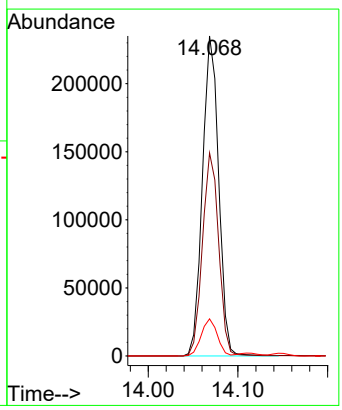
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

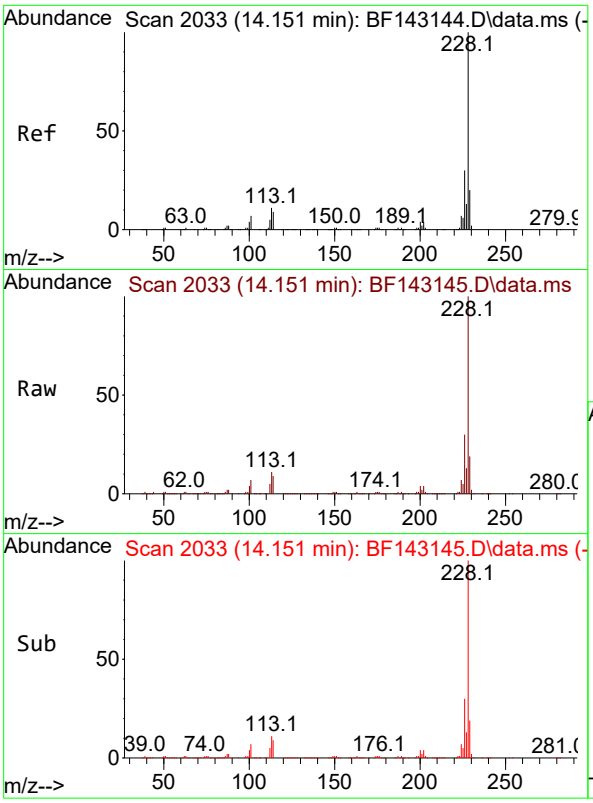



#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.5 | 51.7 | 77.5 |
| 126 | 11.6 | 9.4 | 14.0 |

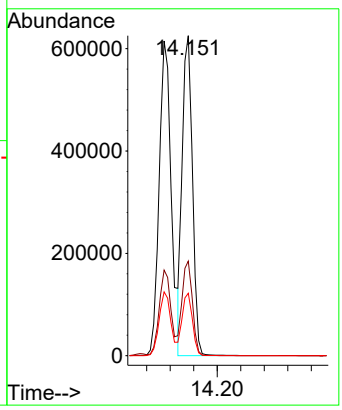





#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:228 Resp: 75495

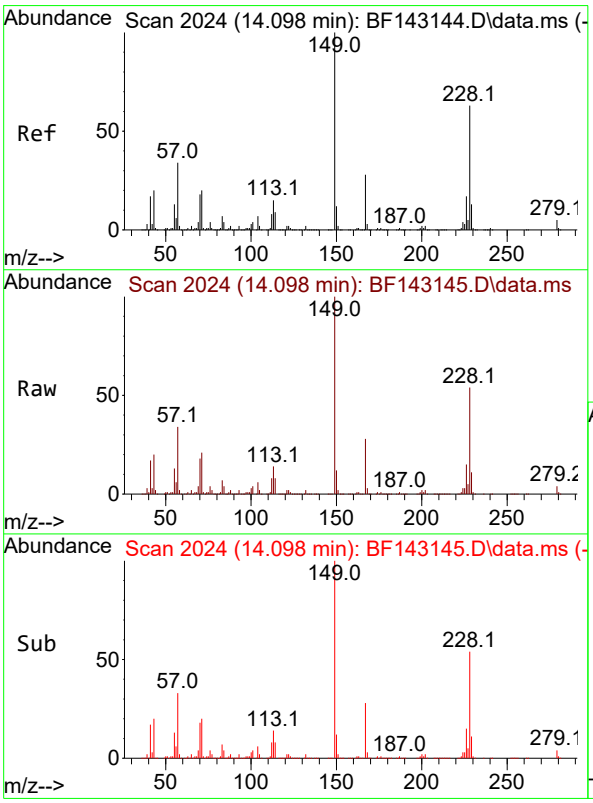
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

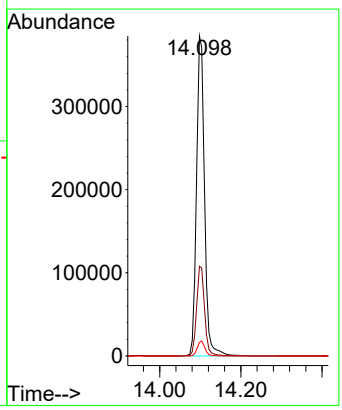
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

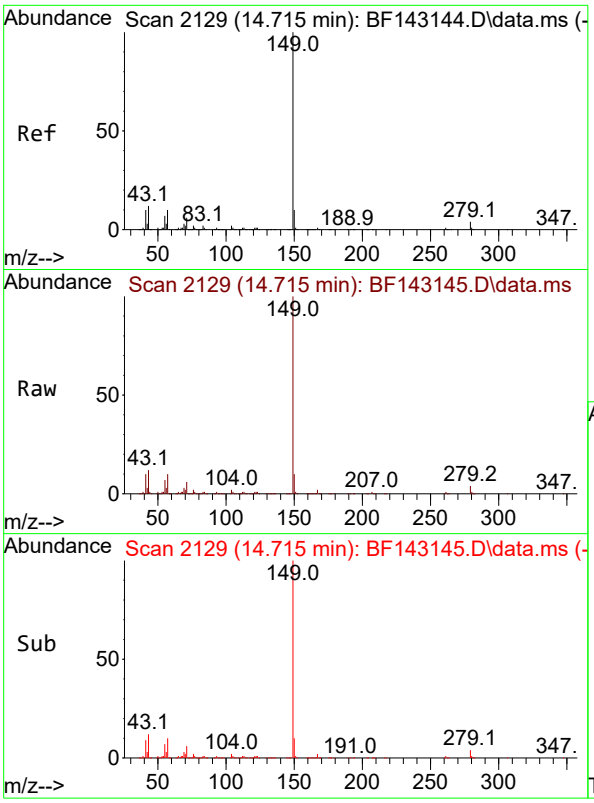



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |

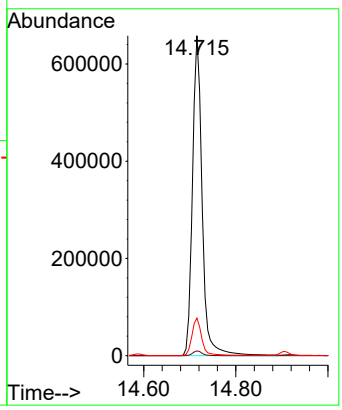





#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 960309

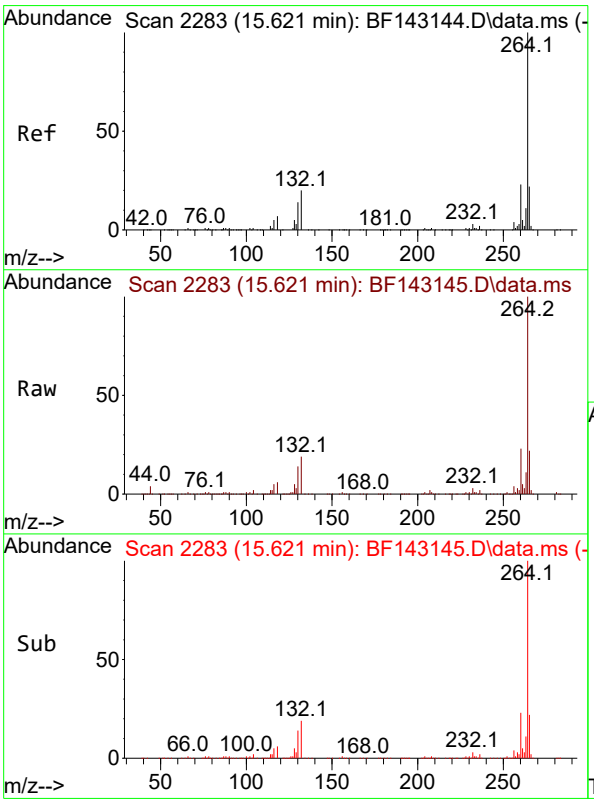
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

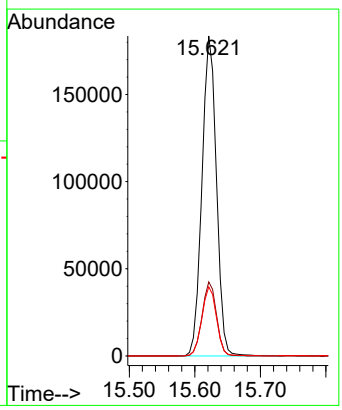
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

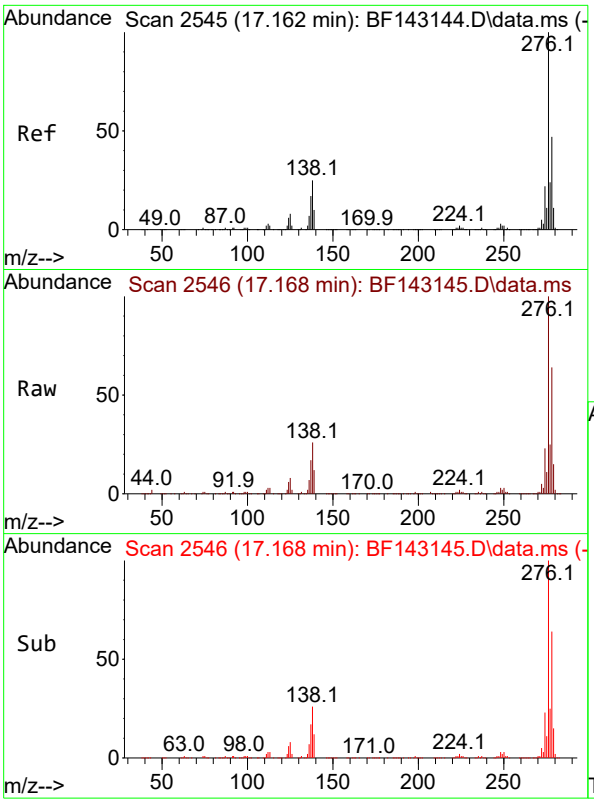



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.6 | 17.4 | 26.2 |

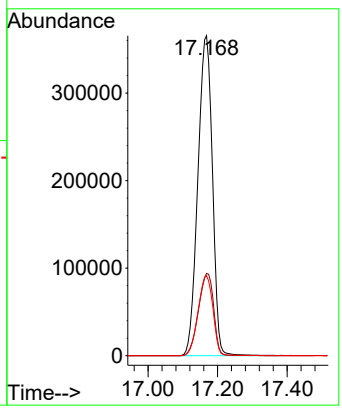





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 106187

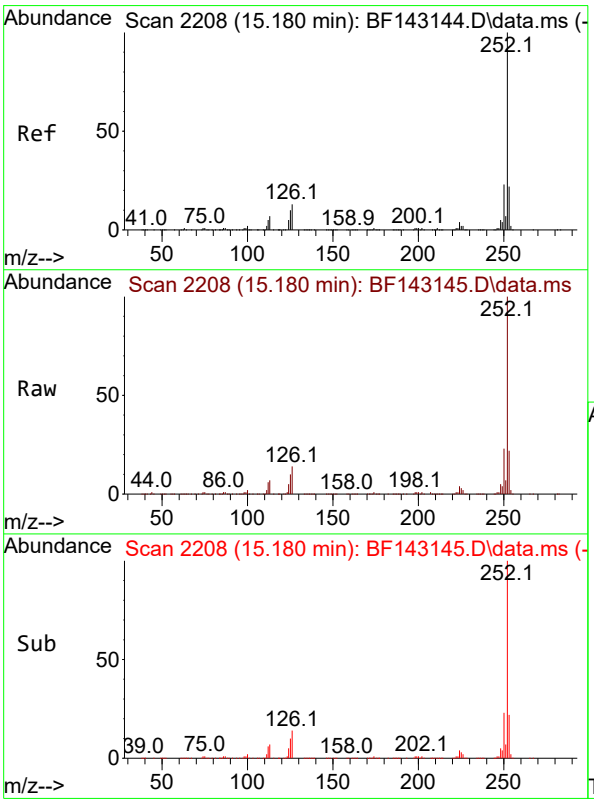
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.8 | 21.8 | 32.6 |
| 277 | 25.4 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

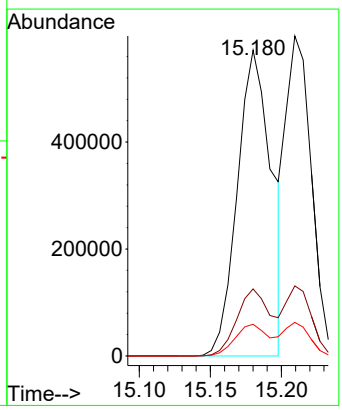
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

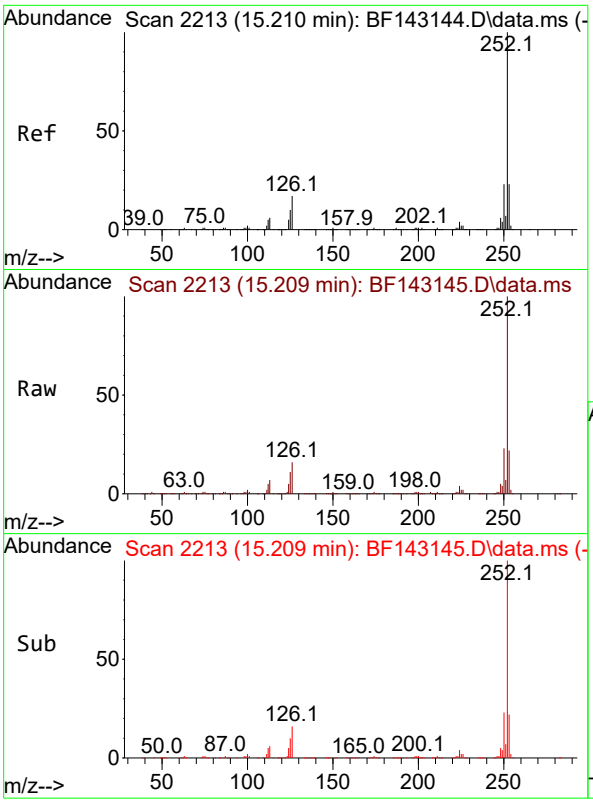



#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |

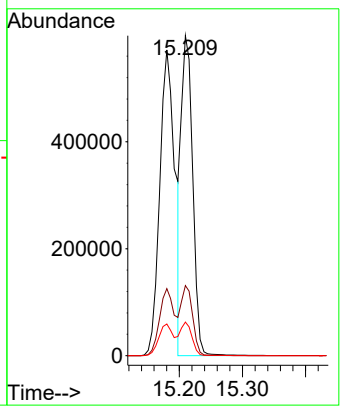





#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 75441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.5 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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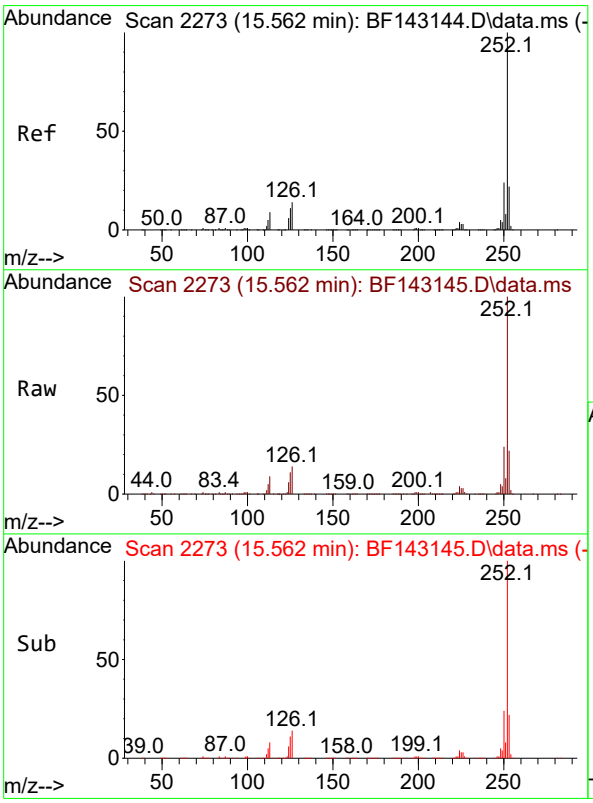
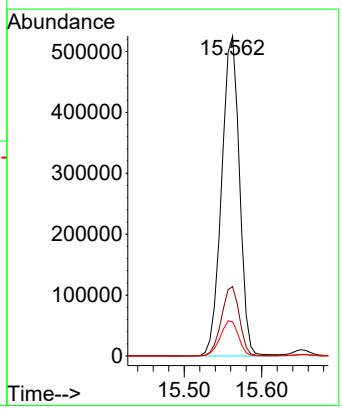
Supervised By :Jagrut Upadhyay 07/18/2025

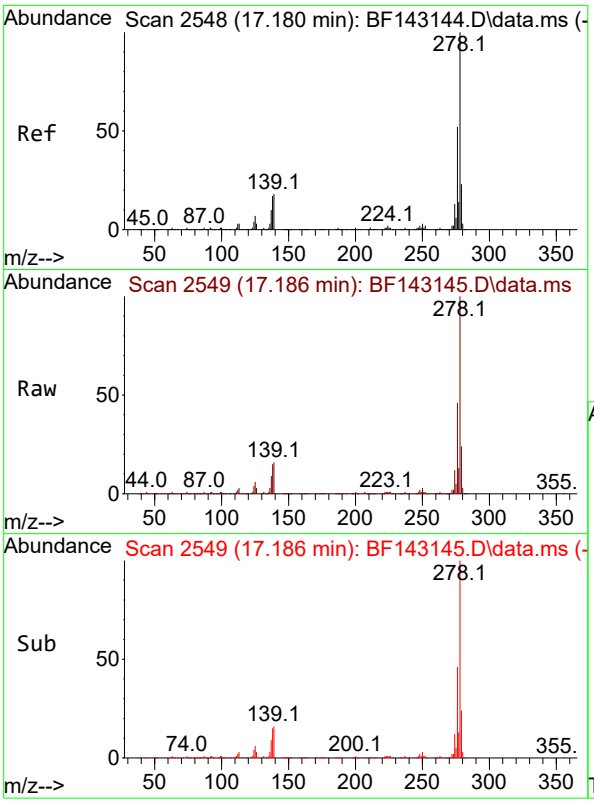



#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.3 | 25.9 |
| 125 | 10.7 | 8.6 | 13.0 |

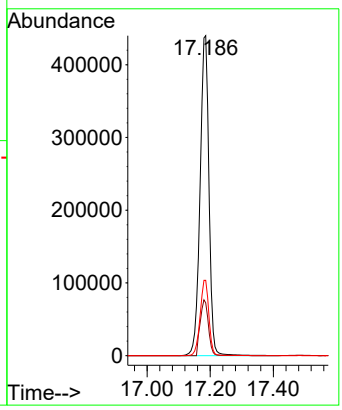





#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:278 Resp: 86146

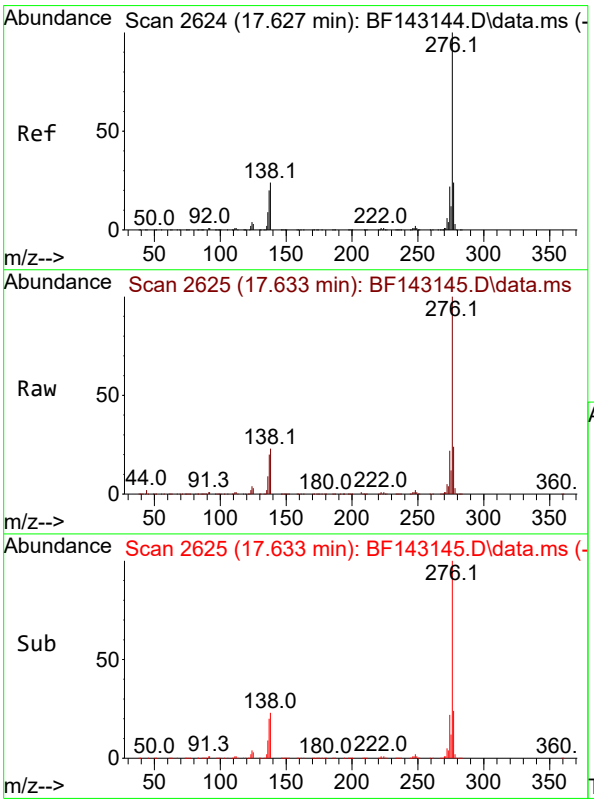
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.5 | 14.1 | 21.1 |
| 279 | 23.5 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

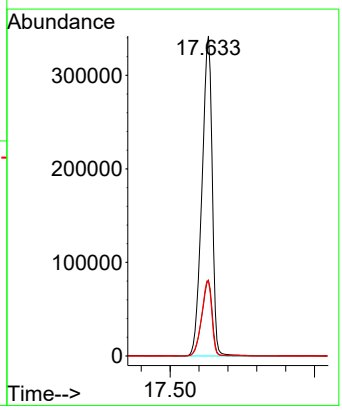
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.1 | 28.7 |
| 138 | 23.5 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 153150 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 573541 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 286544 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 442888 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 264384 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 315904 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 1096776 | 113.327 | ng | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1384010 | 113.616 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 1367018 | 118.809 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 354678 | 119.817 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2274500 | 108.558 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1888544 | 106.298 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.805 | 88 | 268511 | 58.635 | ng | 99 |
| 3) Pyridine | 3.581 | 79 | 700860 | 58.965 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 369452 | 60.203 | ng | 99 |
| 6) Aniline | 6.628 | 93 | 982918 | 57.896 | ng | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 589870 | 58.147 | ng | 98 |
| 9) Benzaldehyde | 6.516 | 77 | 515585 | 56.445 | ng | 99 |
| 10) Phenol | 6.604 | 94 | 769713m | 58.002 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 588491 | 57.918 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 625605 | 56.769 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 623375 | 56.171 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 598571 | 56.708 | ng | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 548155 | 58.934 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 1076628 | 57.120 | ng | 98 |
| 17) 2-Methylphenol | 7.210 | 107 | 498077 | 58.393 | ng | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 225488 | 58.691 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 437750 | 56.012 | ng | 100 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 582354 | 56.273 | ng | 96 |
| 22) Acetophenone | 7.375 | 105 | 760969 | 56.041 | ng | 99 |
| 24) Nitrobenzene | 7.545 | 77 | 641832 | 59.832 | ng | 99 |
| 25) Isophorone | 7.787 | 82 | 1202506 | 59.202 | ng | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 304218 | 65.345 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 548823 | 57.833 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.992 | 93 | 696403 | 57.184 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 466809 | 58.329 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 498478 | 57.653 | ng | 99 |
| 31) Naphthalene | 8.269 | 128 | 1575696 | 55.784 | ng | 99 |
| 32) Benzoic acid | 8.010 | 122 | 321703 | 58.961 | ng | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 659467 | 57.178 | ng | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 307552 | 58.230 | ng | 99 |
| 35) Caprolactam | 8.692 | 113 | 145894 | 60.327 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.787 | 107 | 506142 | 58.186 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 966031 | 56.203 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 997009 | 56.329 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 479450 | 57.955 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 337833 | 62.761 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 344941 | 60.246 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 339656 | 59.305 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 1265588 | 56.610 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 948912 | 57.364 | ng | 100 |
| 48) 2-Nitroaniline | 9.534 | 65 | 331501 | 63.904 | ng | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1576240 | 56.860 | ng | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 1075052 | 57.558 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 238103 | 62.665 | ng | 97 |
| 52) Acenaphthene | 10.039 | 154 | 930883 | 56.814 | ng | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 273506 | 61.542 | ng | 100 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 101491 | 60.690 | ng | 72 |
| 55) Dibenzofuran | 10.210 | 168 | 1364531 | 56.093 | ng | 100 |
| 56) 4-Nitrophenol | 10.092 | 139 | 203477 | 61.312 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 304460 | 63.868 | ng | 97 |
| 58) Fluorene | 10.551 | 166 | 997710 | 54.647 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 283124 | 59.678 | ng | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 1057851 | 57.301 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 516980 | 56.867 | ng | 99 |
| 62) 4-Nitroaniline | 10.563 | 138 | 232488 | 61.037 | ng | 98 |
| 63) Azobenzene | 10.698 | 77 | 1098772 | 57.107 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 144751 | 60.728 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 910468 | 58.380 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 318085 | 60.266 | ng | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 325779 | 59.054 | ng | 96 |
| 69) Atrazine | 11.181 | 200 | 262374 | 61.024 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 206417 | 63.625 | ng | 98 |
| 71) Phenanthrene | 11.510 | 178 | 1331485 | 56.620 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1379601 | 57.522 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1194026 | 57.015 | ng | 100 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1392335 | 58.757 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1232952 | 57.122 | ng | 99 |
| 77) Benzidine | 12.810 | 184 | 476553 | 46.785 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1207978 | 53.536 | ng | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 441334 | 63.875 | ng | 99 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 1041236 | 58.825 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.069 | 252 | 348979 | 59.155 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 930545 | 58.472 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 655482 | 62.678 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 1196044 | 63.095 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 1337361 | 60.037 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 1125667 | 58.328 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 1023132 | 59.411 | ng | 99 |
| 90) Benzo(a)pyrene | 15.563 | 252 | 1062049 | 59.730 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 1080768 | 59.610 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.639 | 276 | 1055168 | 60.163 | ng | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

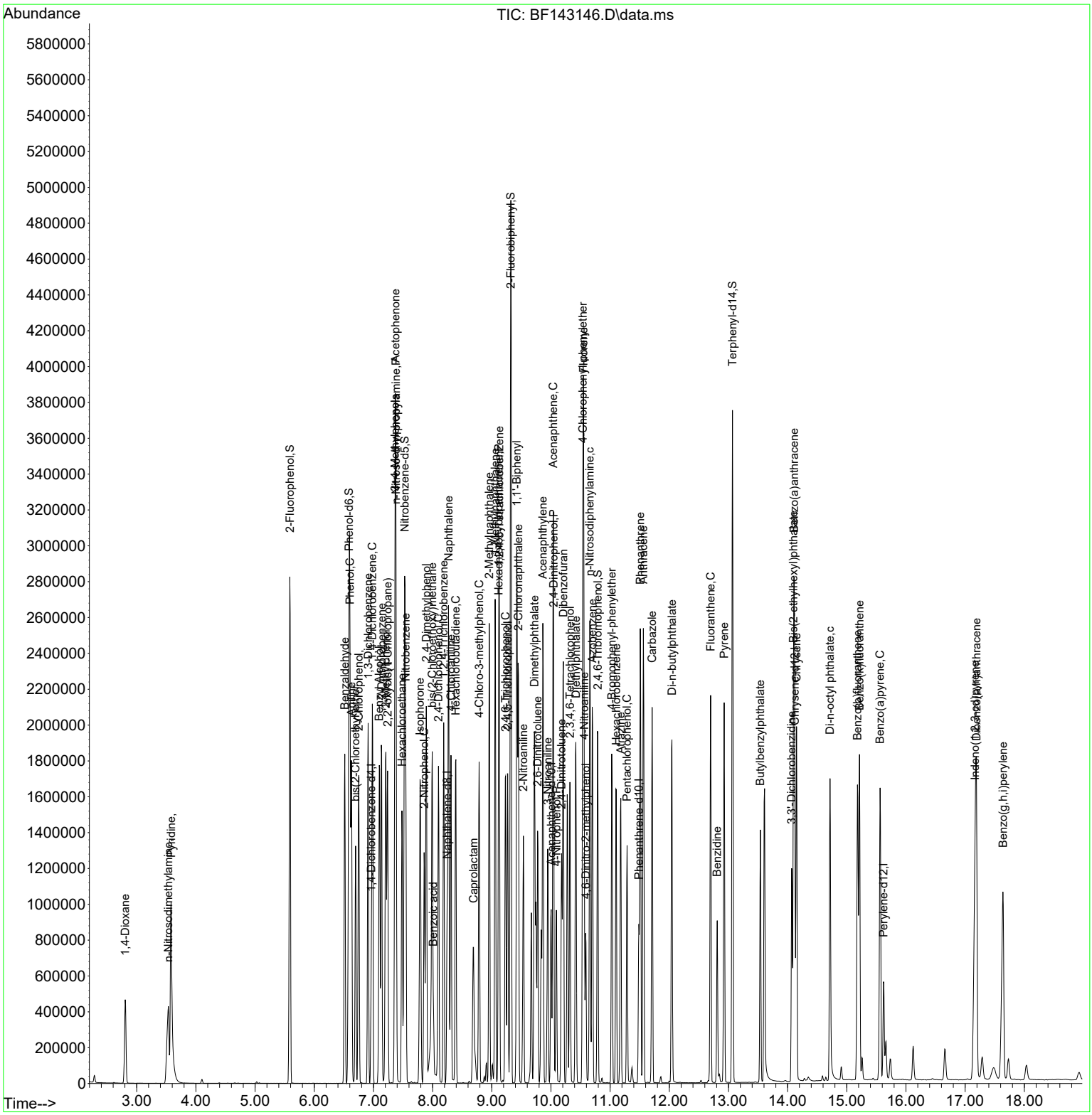
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

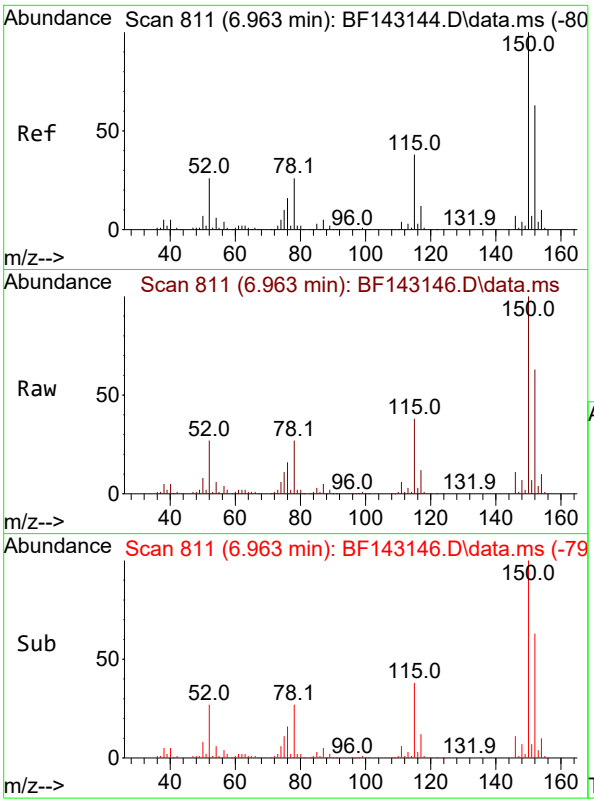
Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

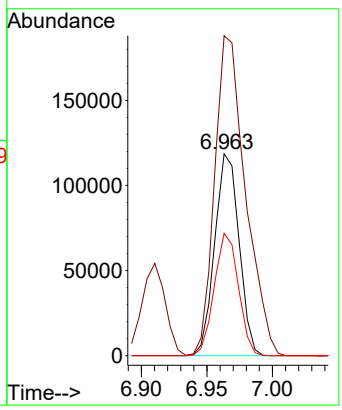





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 15315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 128.2 | 192.4 |
| 115 | 60.7 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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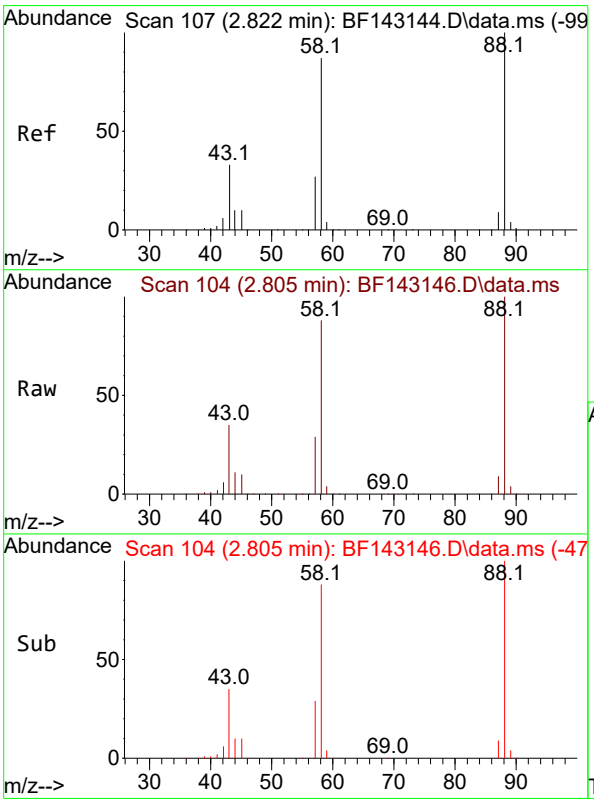
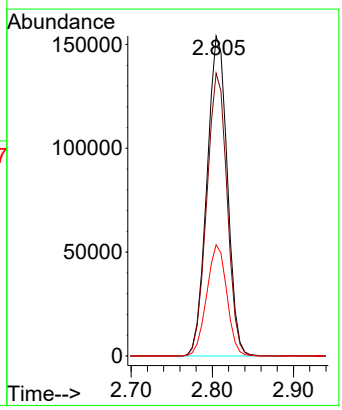
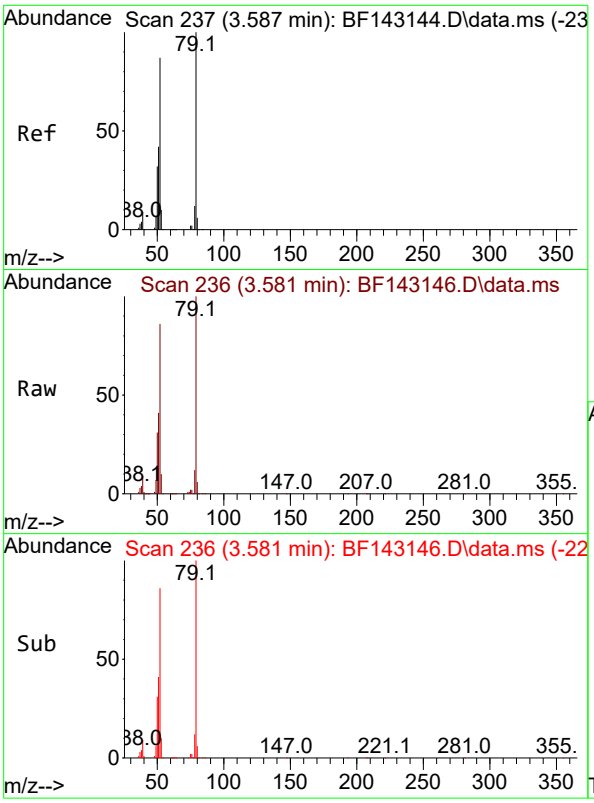



#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.2 | 70.2 | 105.2 |
| 43 | 34.2 | 27.1 | 40.7 |

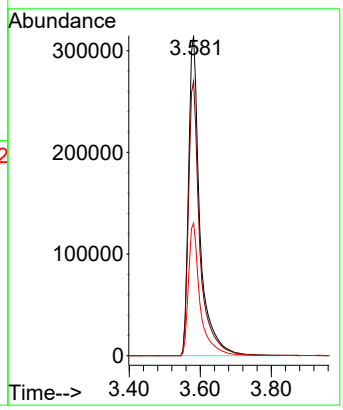





#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 70086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.7 | 69.4 | 104.2 |
| 51 | 41.4 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

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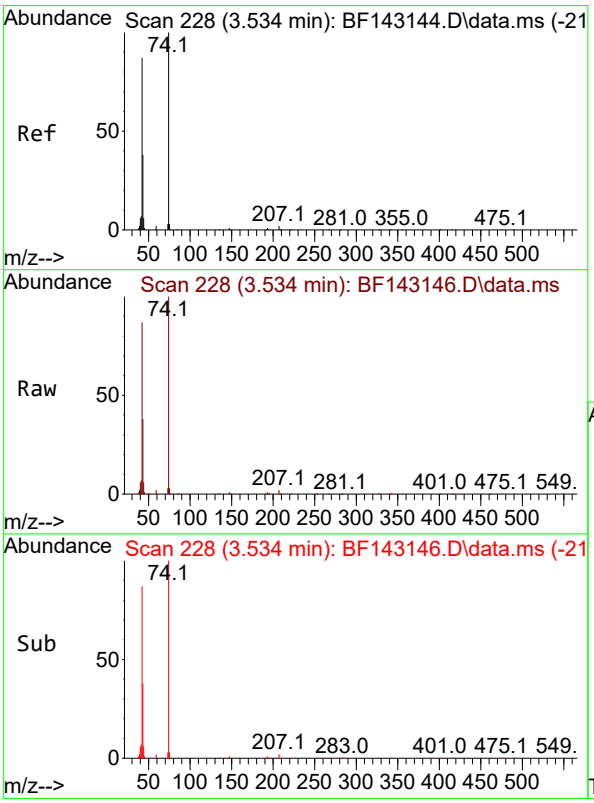
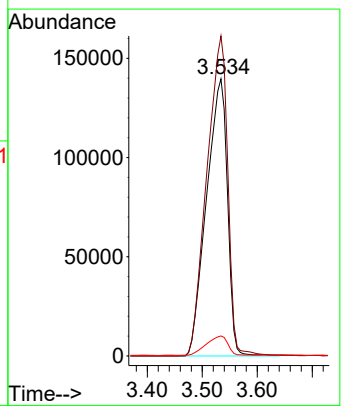
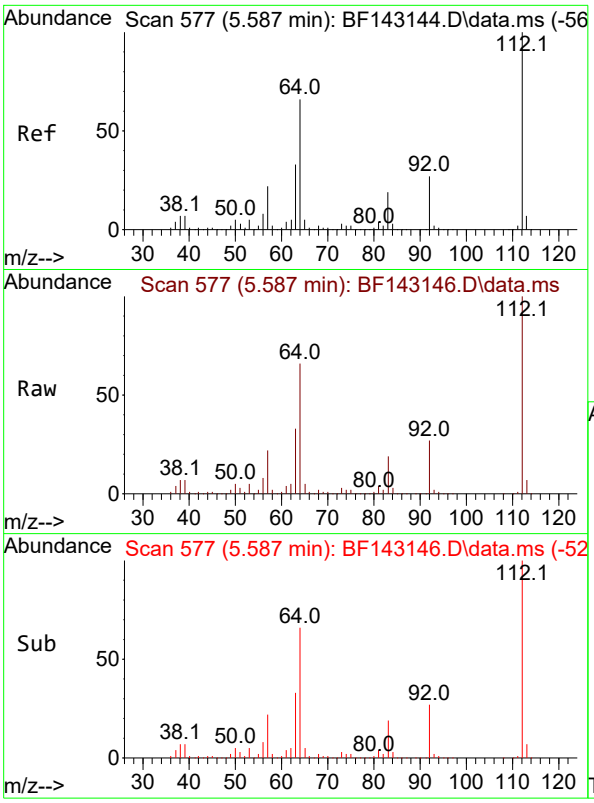



#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.5 | 91.7 | 137.5 |
| 44 | 7.2 | 5.6 | 8.4 |

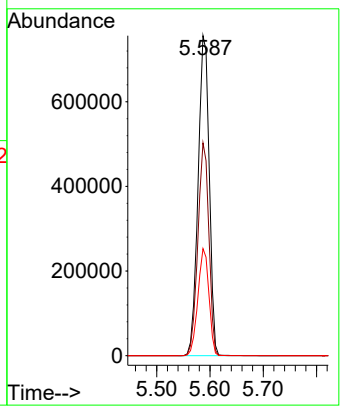





#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:112 Resp: 109677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.5 | 53.1 | 79.7 |
| 63 | 33.4 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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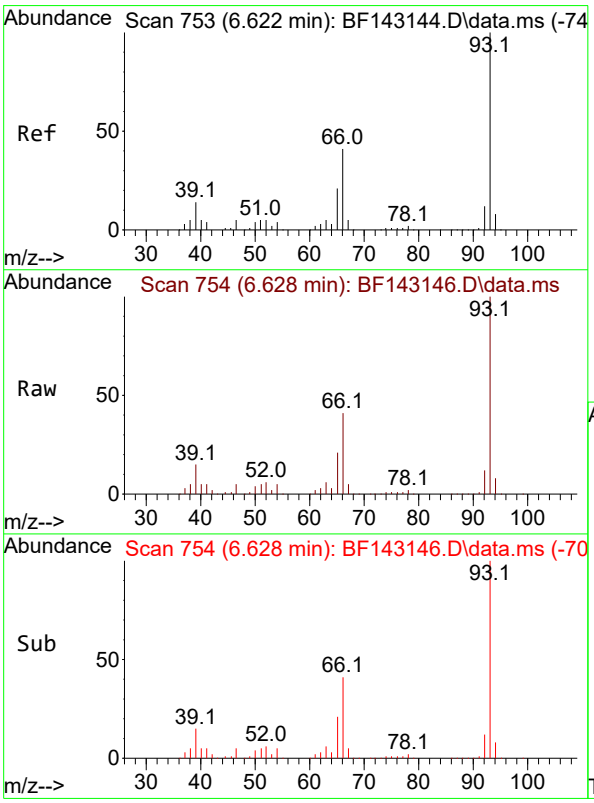
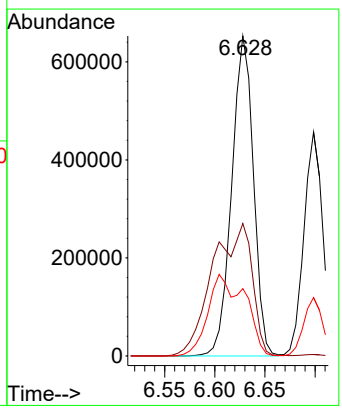
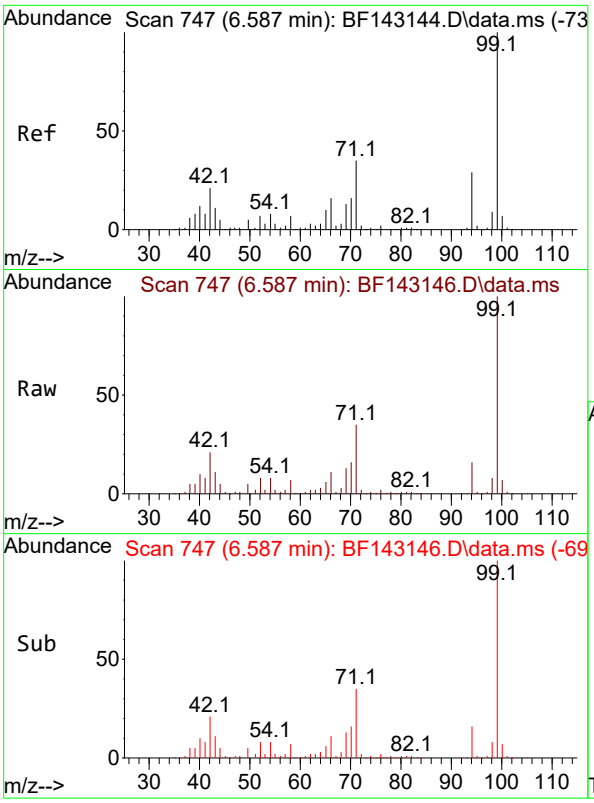



#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.4 | 33.2 | 49.8 |
| 65 | 21.0 | 16.9 | 25.3 |

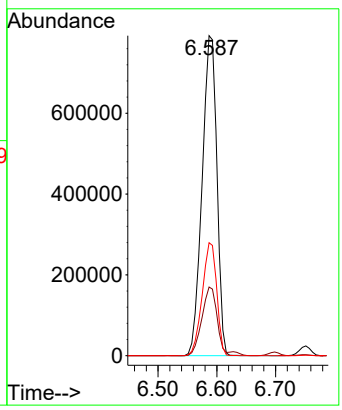





#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 99 Resp: 138401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 35.3 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

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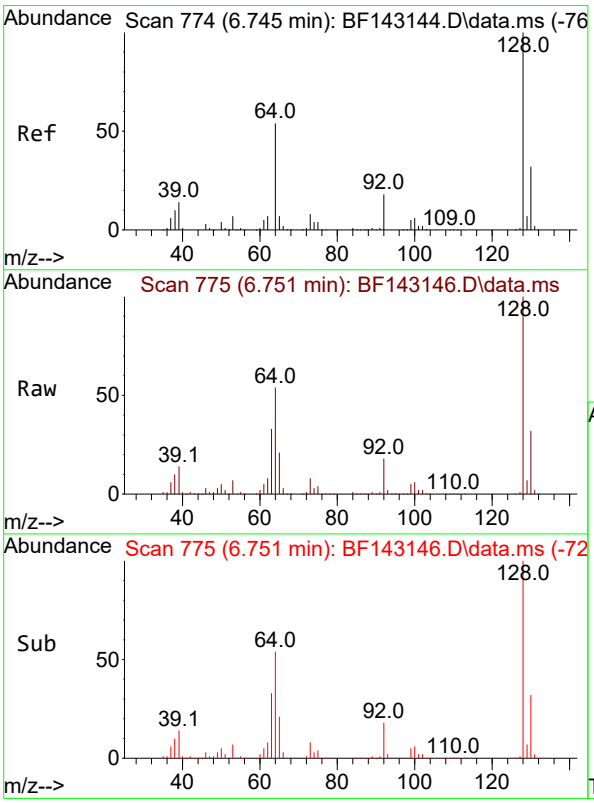
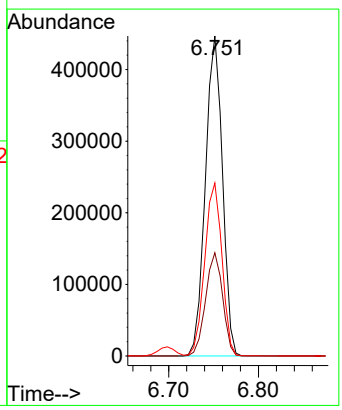
Supervised By :Jagrut Upadhyay 07/18/2025

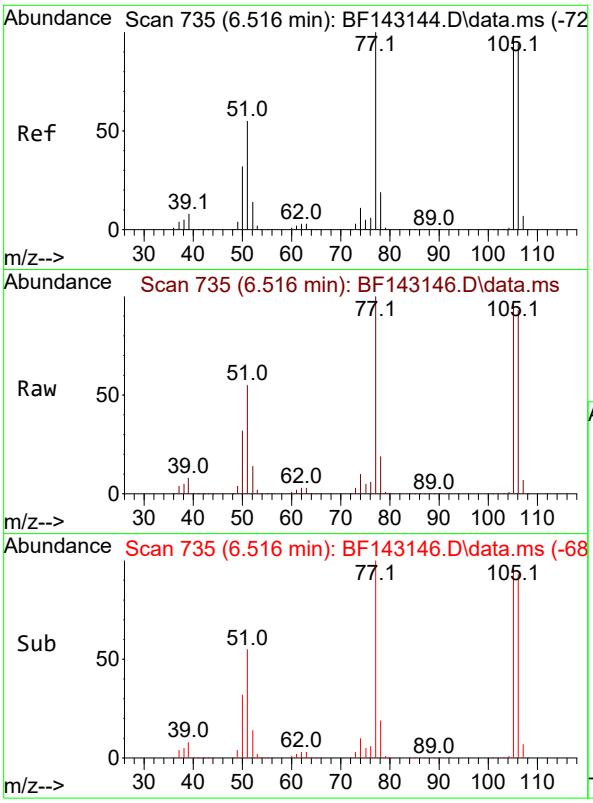



#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.3 | 52.3 |
| 64 | 54.0 | 35.9 | 75.9 |

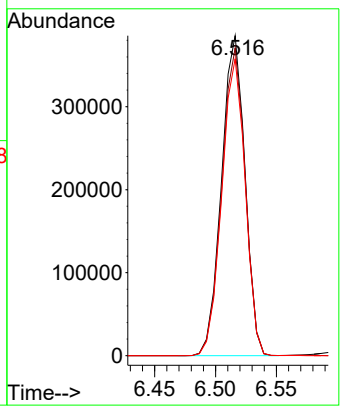





#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 51558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.1 | 76.8 | 116.8 |
| 106 | 92.7 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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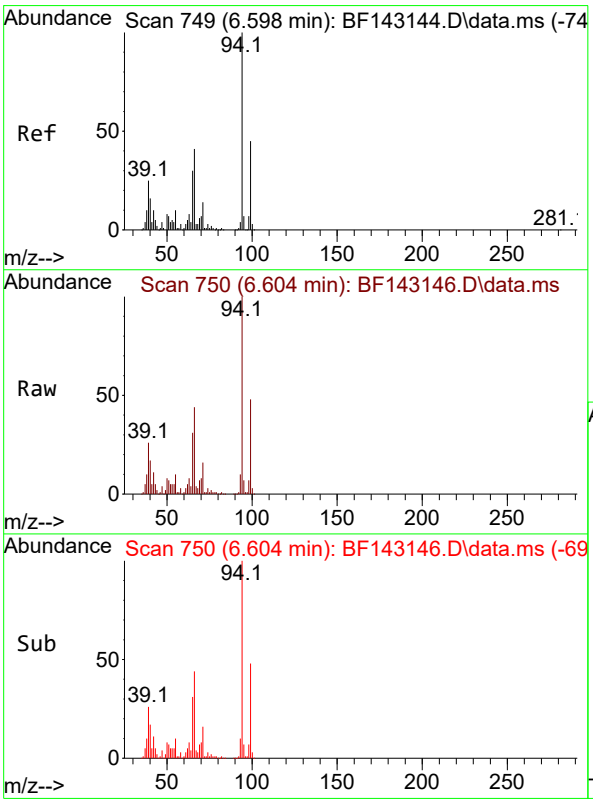
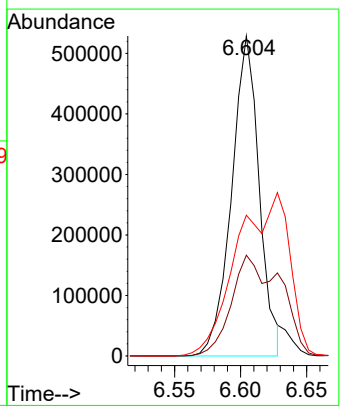
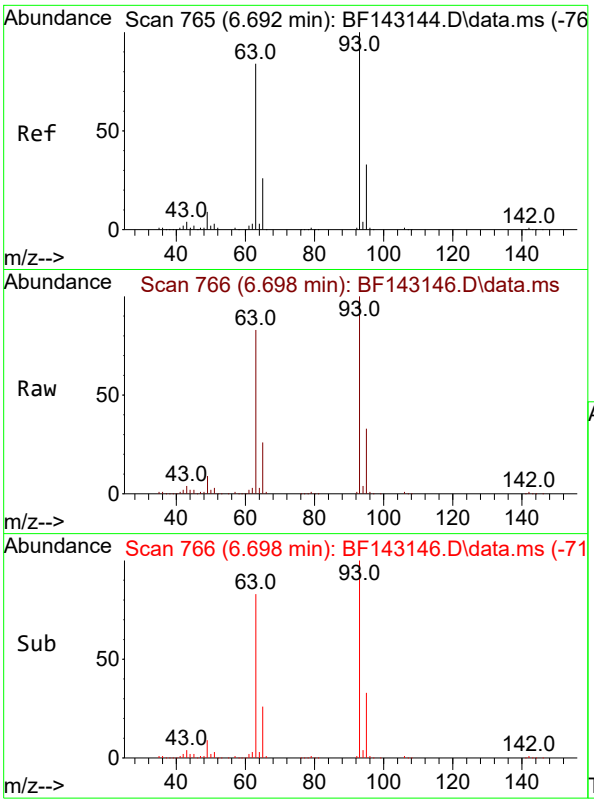



#10
Phenol
Concen: 58.002 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 769713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.5 | 10.0 | 50.0 |
| 66 | 44.0 | 20.8 | 60.8 |

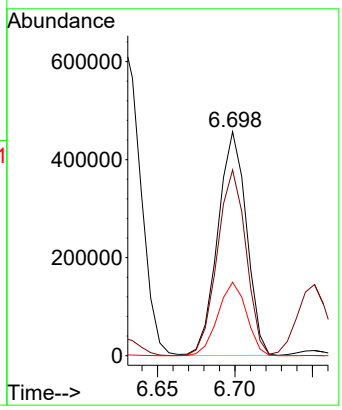





#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 58849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.9 | 63.4 | 103.4 |
| 95 | 32.8 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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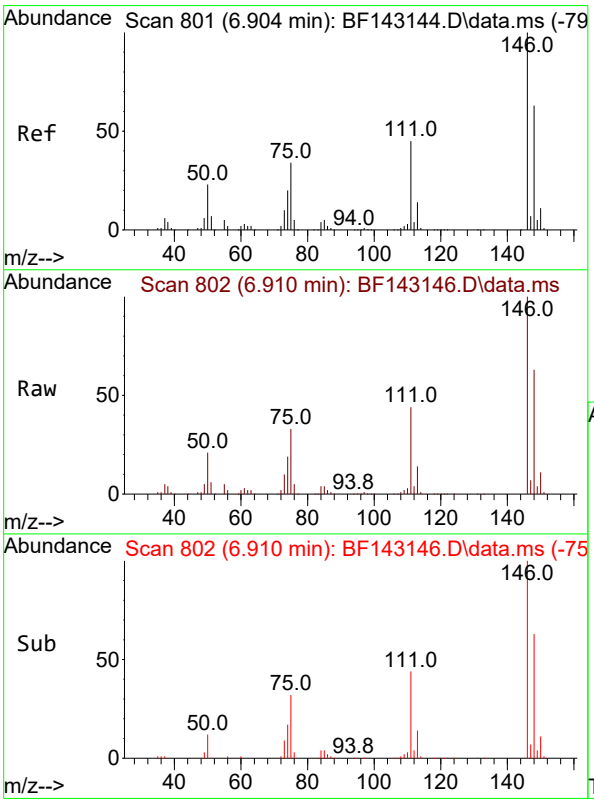
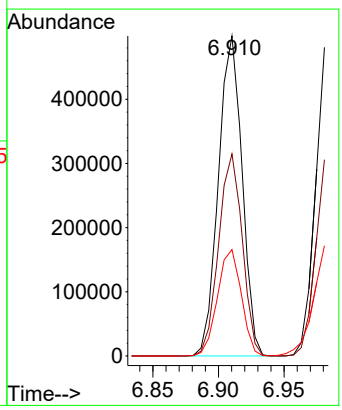
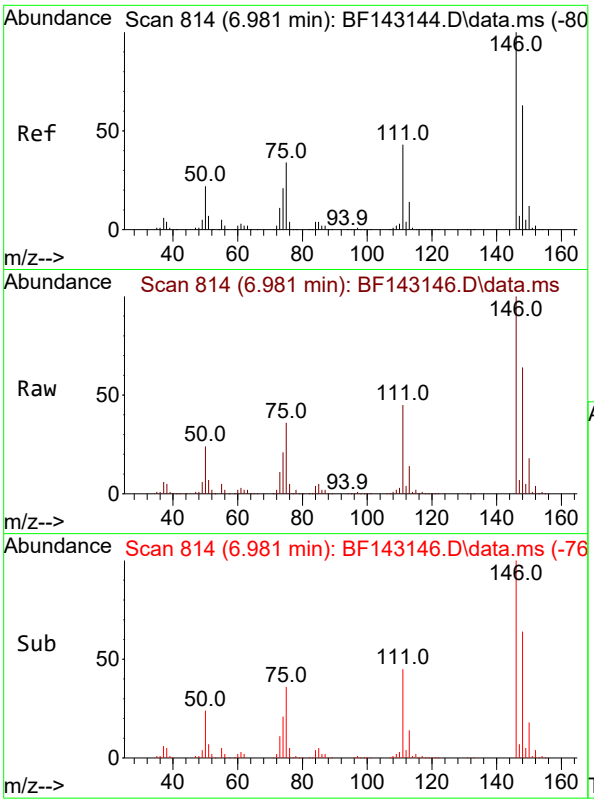



#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.6 | 76.0 |
| 75 | 33.2 | 27.4 | 41.2 |

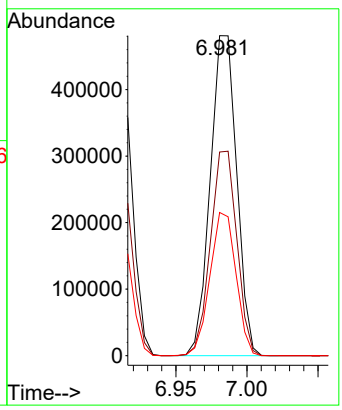





#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 62337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.3 | 75.5 |
| 111 | 44.7 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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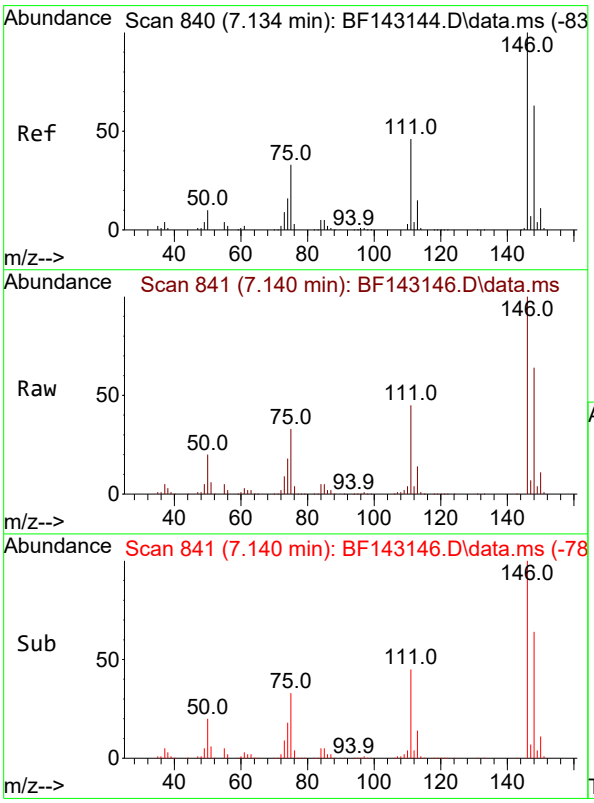
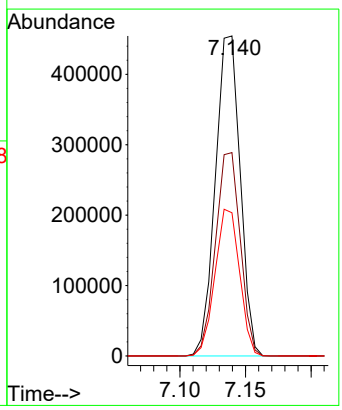
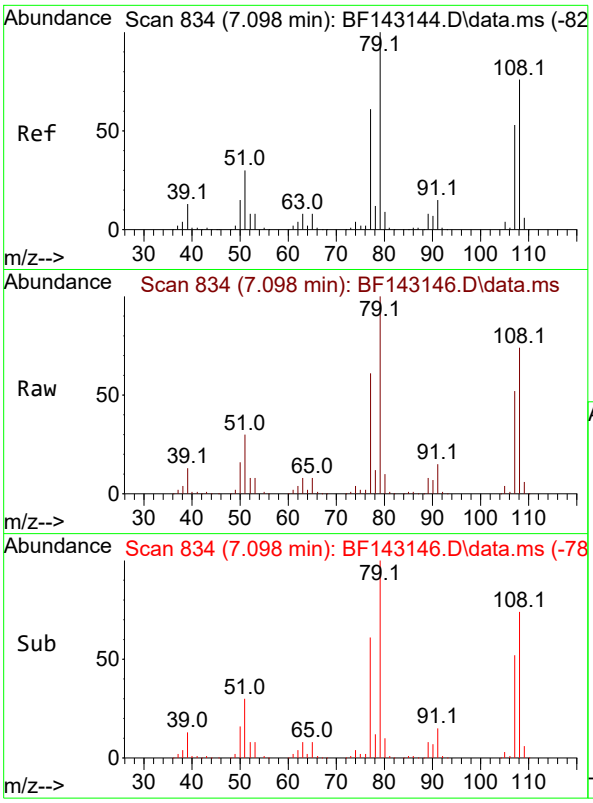



#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.7 | 76.1 |
| 111 | 44.8 | 36.6 | 54.8 |

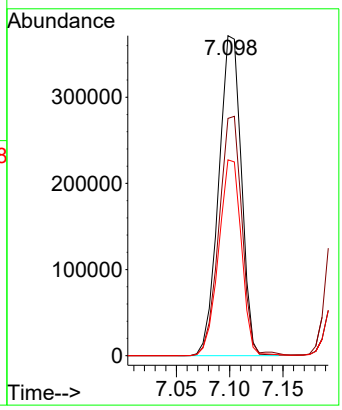





#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 79 Resp: 54815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.2 | 61.1 | 91.7 |
| 77 | 61.2 | 48.9 | 73.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

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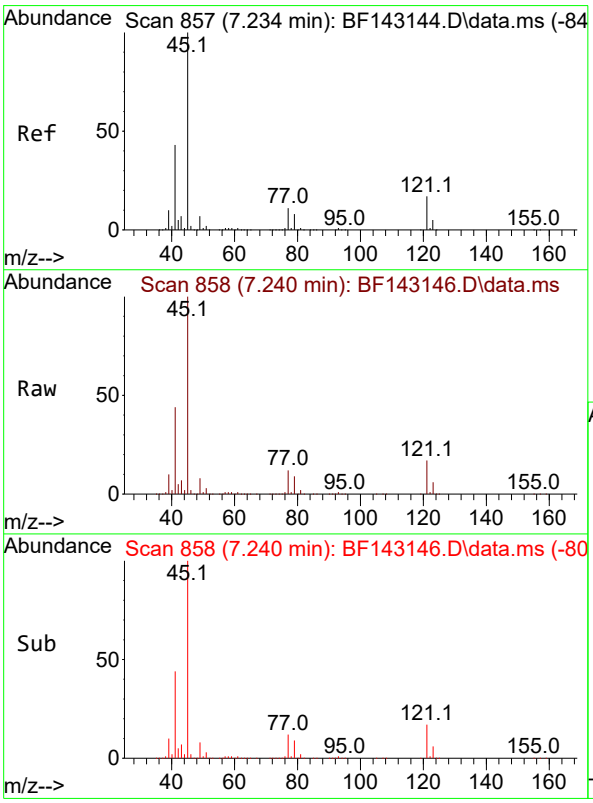
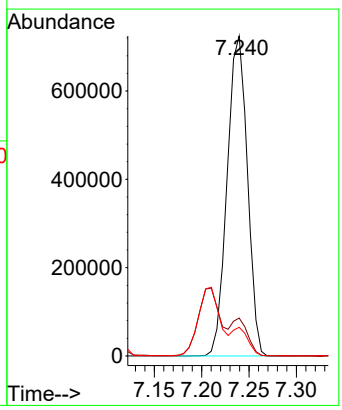
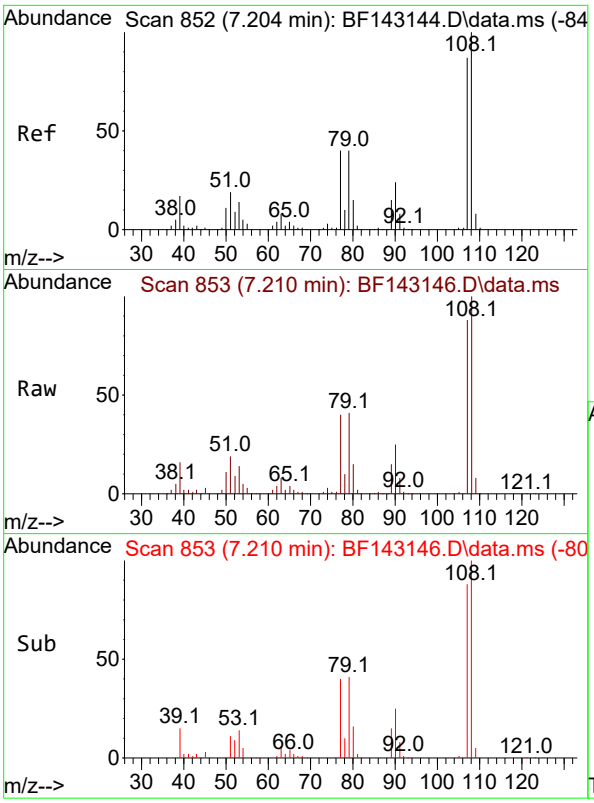



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.8 | 0.0 | 31.2 |
| 79 | 9.0 | 0.0 | 28.5 |

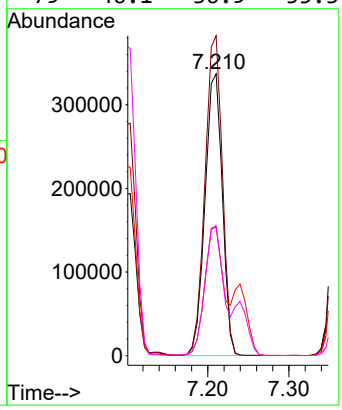





#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 49807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 91.8 | 137.6 |
| 77 | 45.6 | 37.0 | 55.6 |
| 79 | 46.1 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
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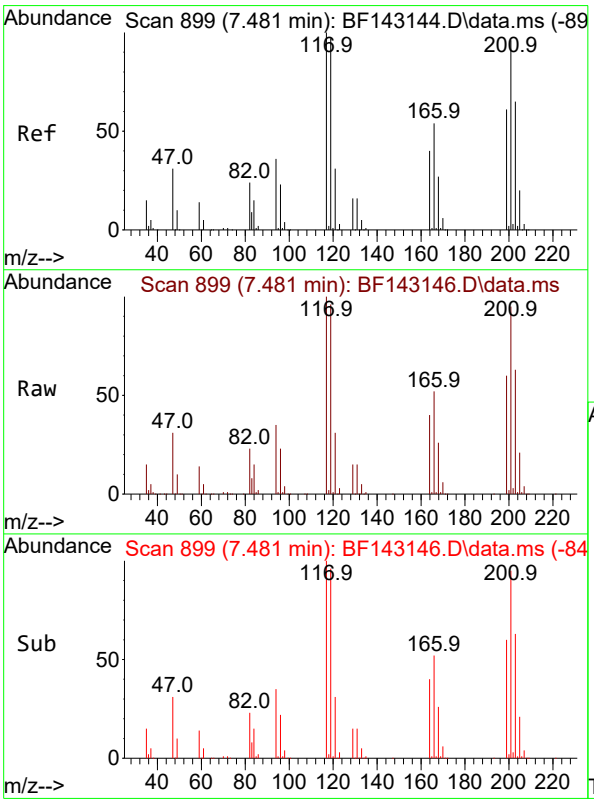
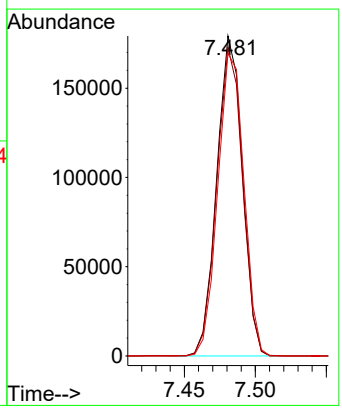
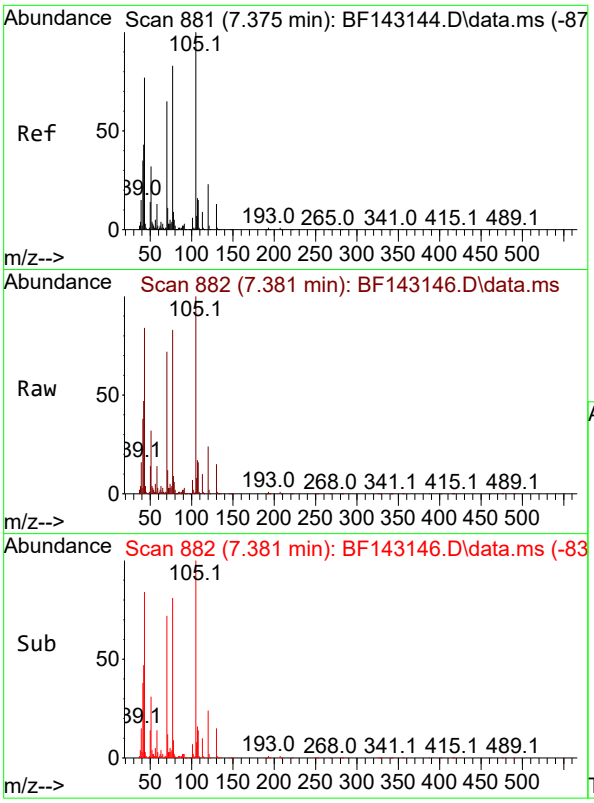



#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.8 | 116.8 |
| 201 | 94.6 | 77.0 | 115.4 |

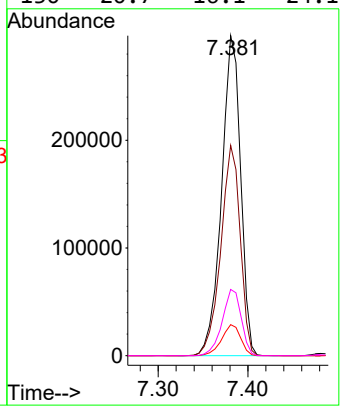





#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 70 Resp: 43775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.7 | 52.5 | 78.7 |
| 101 | 9.7 | 7.6 | 11.4 |
| 130 | 20.7 | 16.1 | 24.1 |




**Instrument :**
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**ClientSampleId :**
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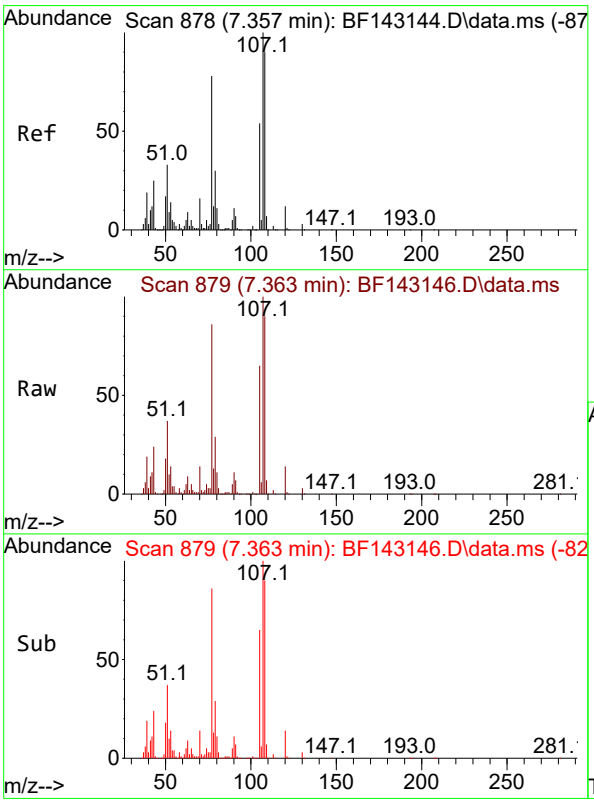
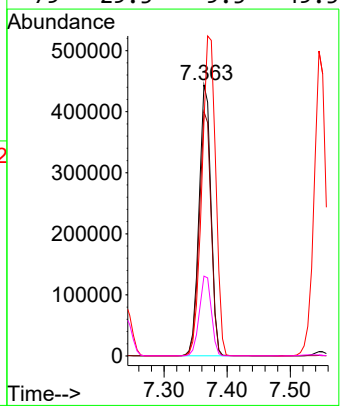
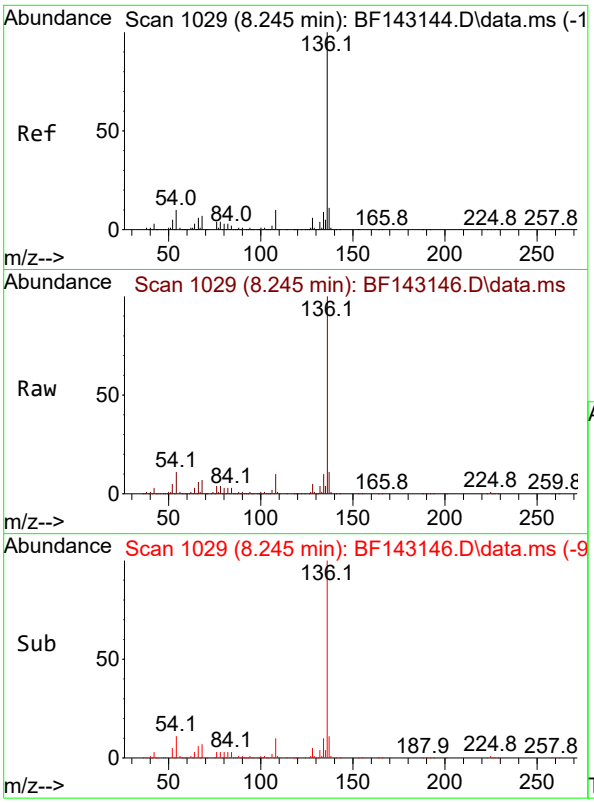



#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.1 | 70.0 | 110.0 |
| 77 | 86.3 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |

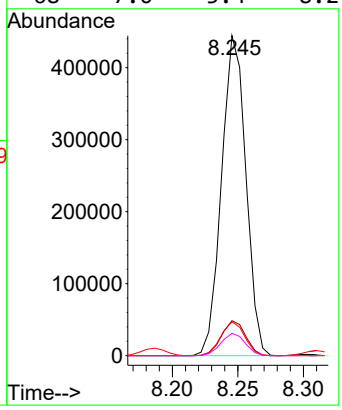





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:136 Resp: 57354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 7.0 | 5.4 | 8.2 |




**Instrument :**
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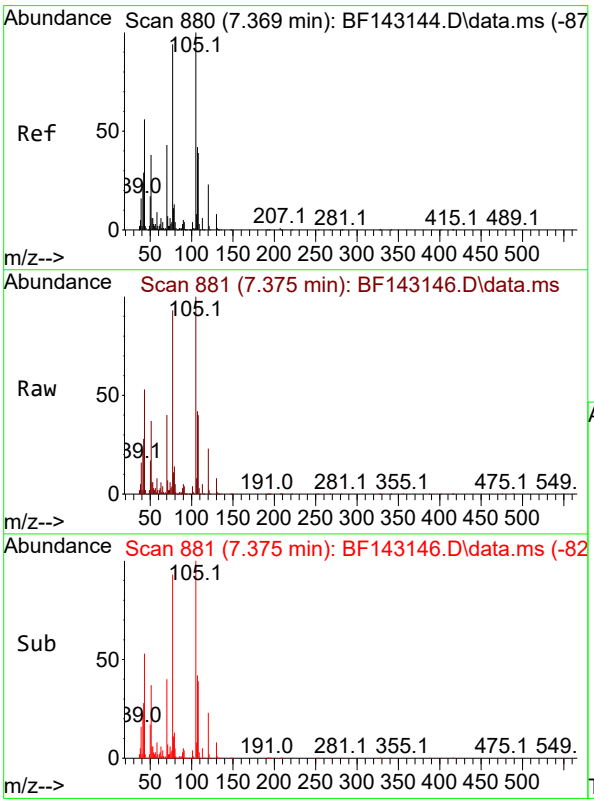
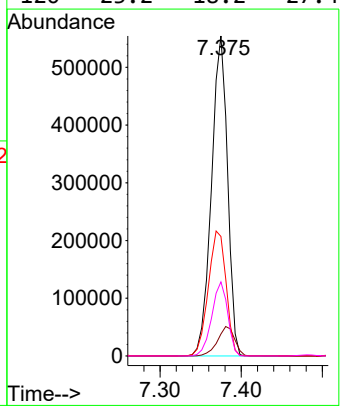
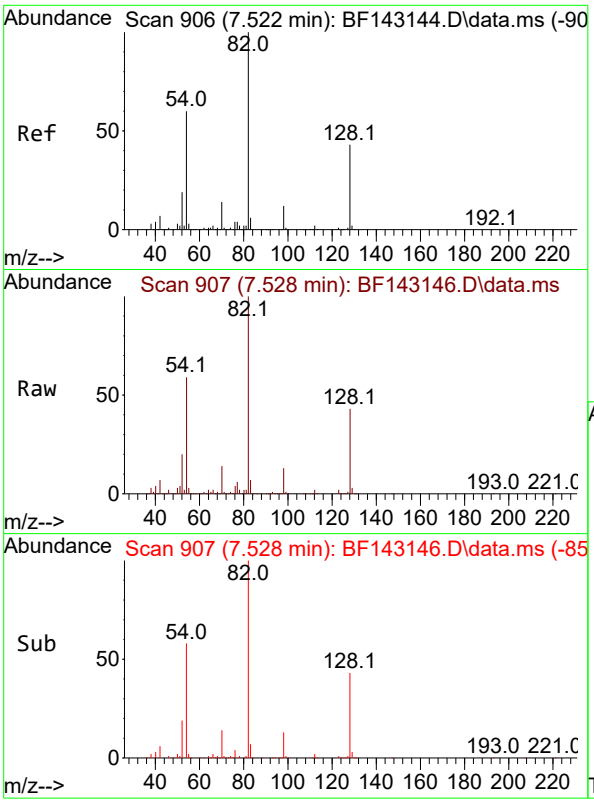



#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.9 | 5.8 | 8.6 |
| 51 | 37.4 | 30.2 | 45.2 |
| 120 | 23.2 | 18.2 | 27.4 |

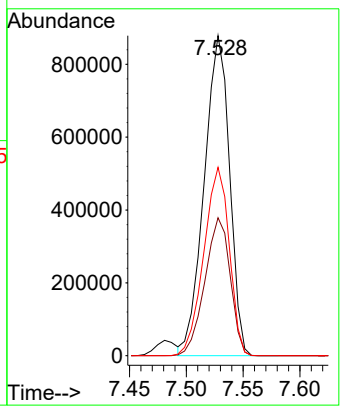





#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 82 Resp: 136701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |




**Instrument :**
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**ClientSampleId :**
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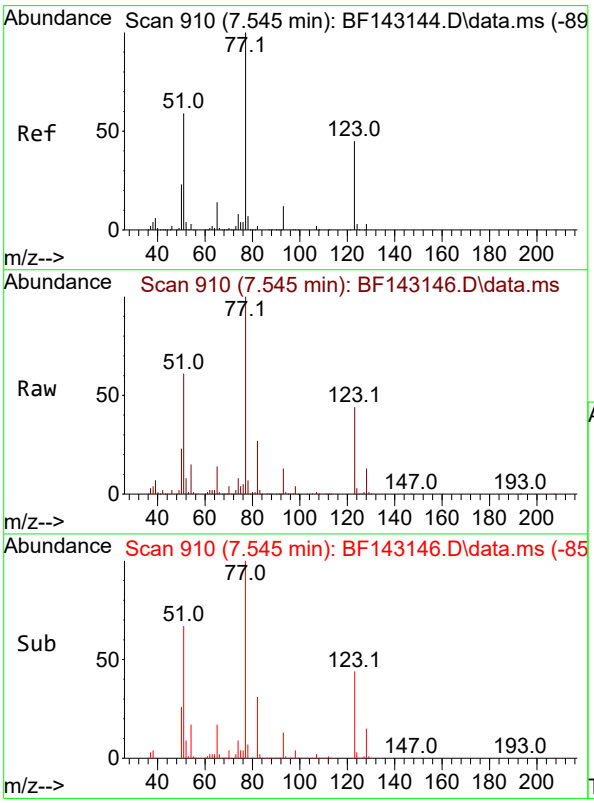
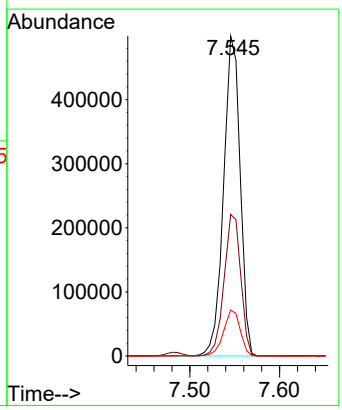
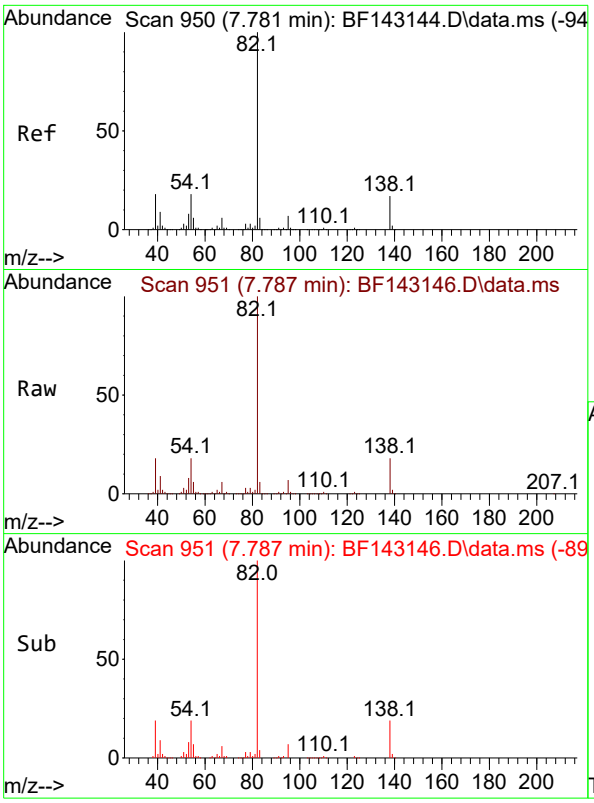



#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.3 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |






#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 82 Resp: 120250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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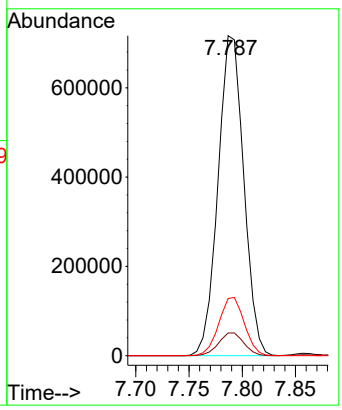
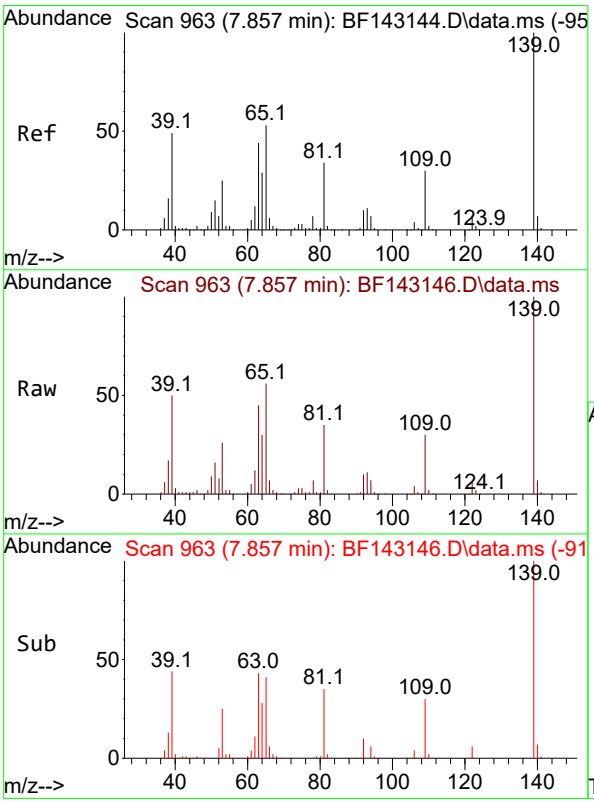
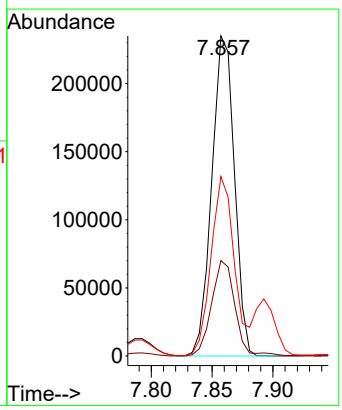


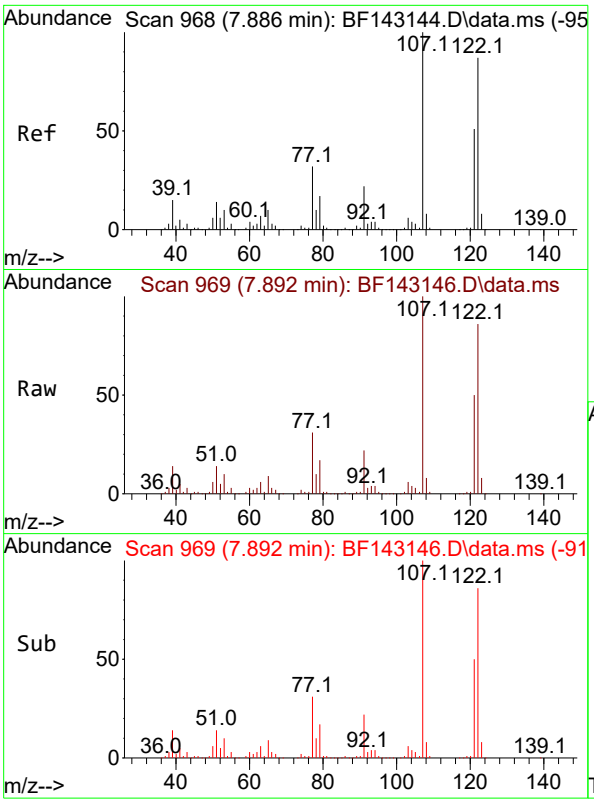




#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.8 | 23.6 | 35.4 |
| 65 | 56.0 | 42.6 | 64.0 |

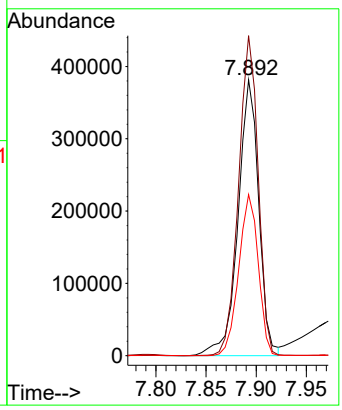





#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 54882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.0 | 91.8 | 137.6 |
| 121 | 58.4 | 46.3 | 69.5 |




**Instrument :**
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**ClientSampleId :**
SSTDICC060

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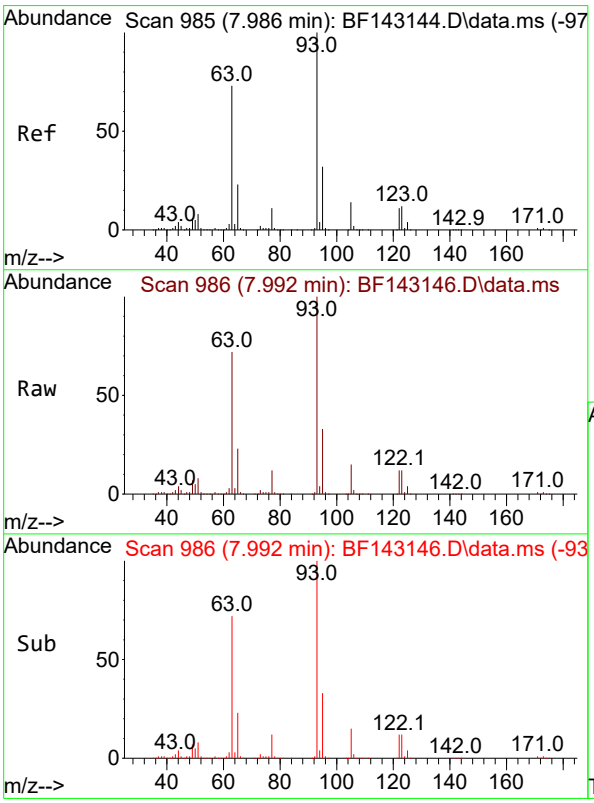
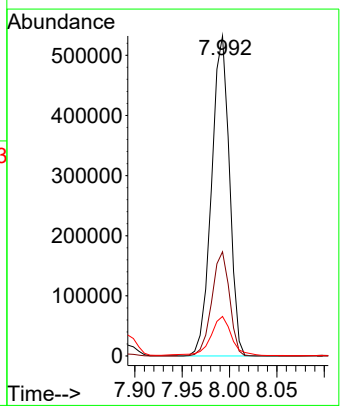
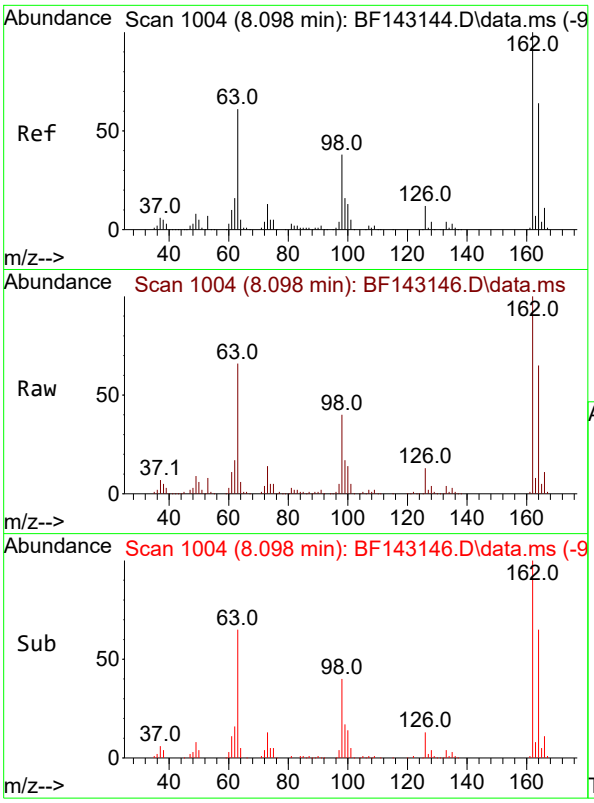



#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 25.8 | 38.6 |
| 123 | 12.4 | 9.7 | 14.5 |

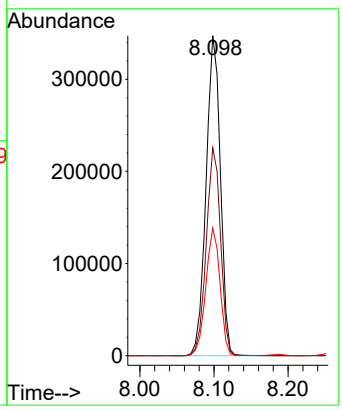





#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 46680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 44.2 | 84.2 |
| 98 | 39.9 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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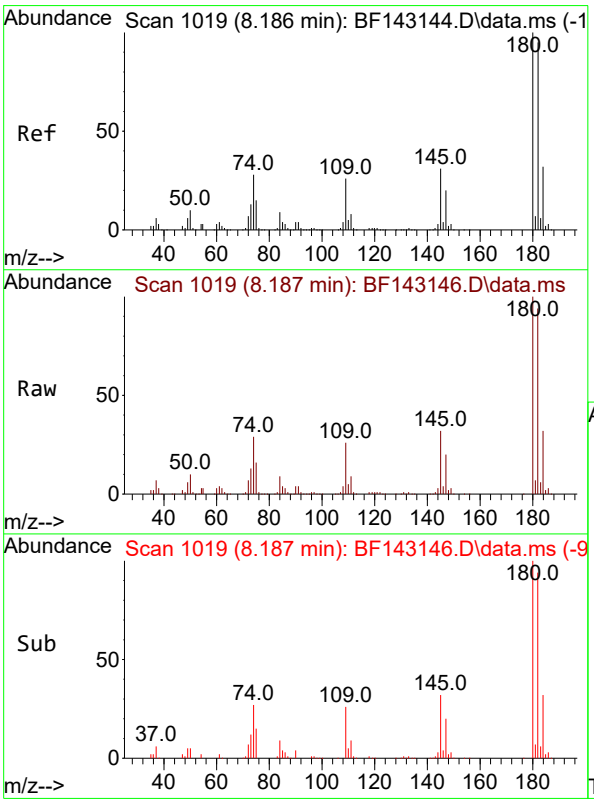
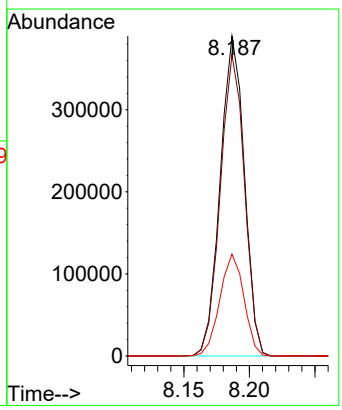
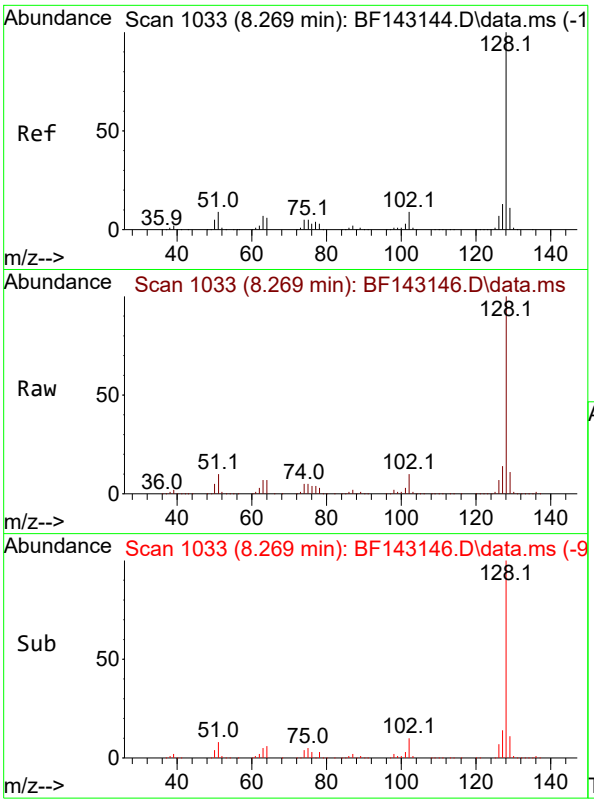



#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 31.8 | 25.0 | 37.6 |

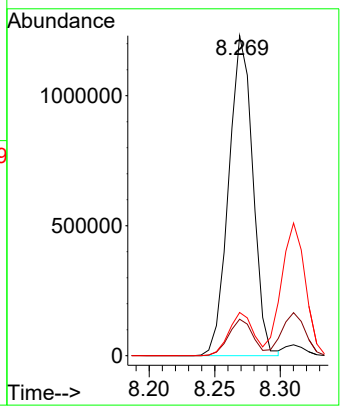





#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 157569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.5 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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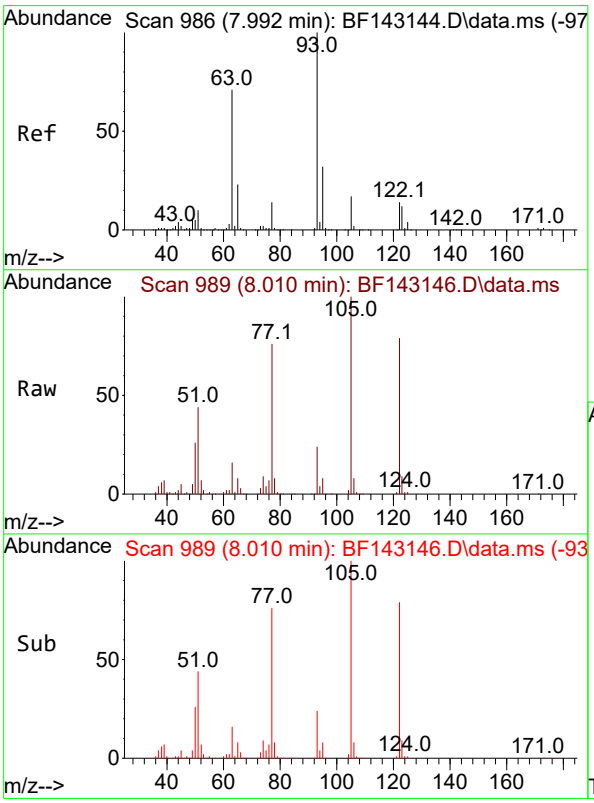
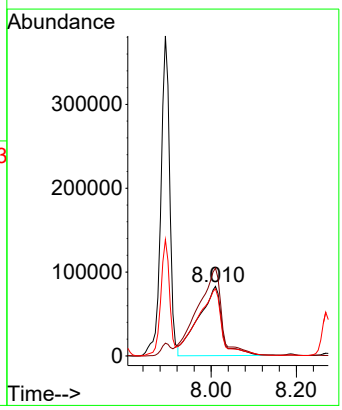
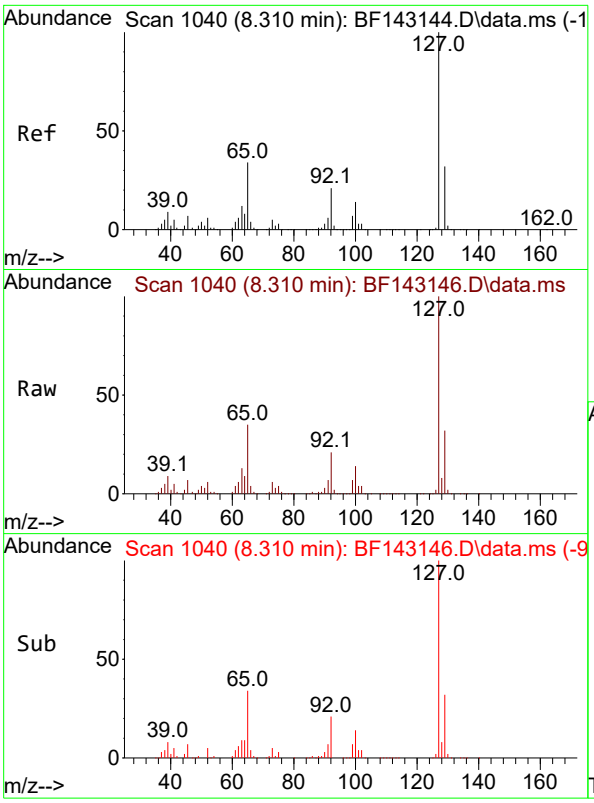



#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.3 | 104.8 | 144.8 |
| 77 | 96.5 | 77.6 | 117.6 |

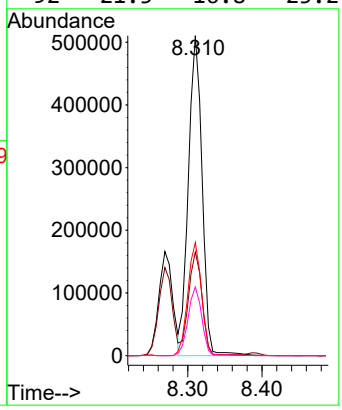





#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:127 Resp: 65946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 26.0 | 39.0 |
| 65 | 35.3 | 27.4 | 41.2 |
| 92 | 21.5 | 16.8 | 25.2 |




**Instrument :**
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**ClientSampleId :**
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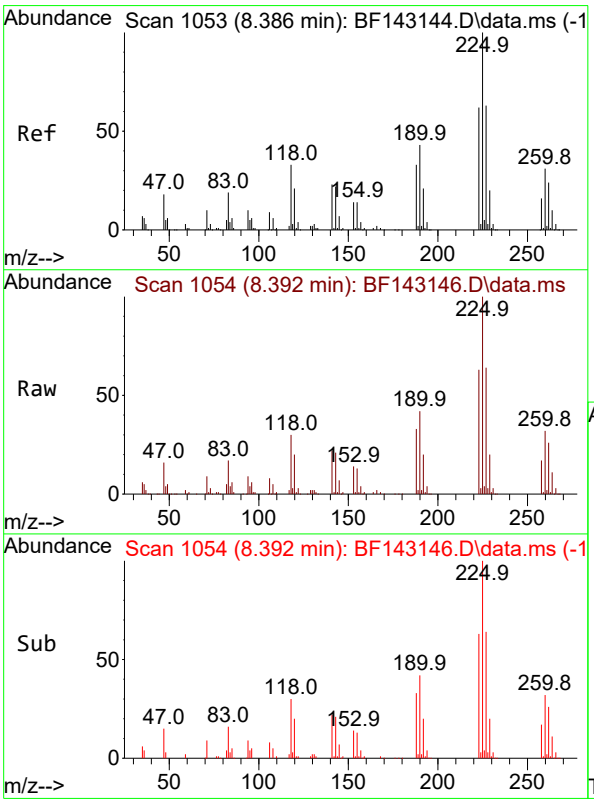
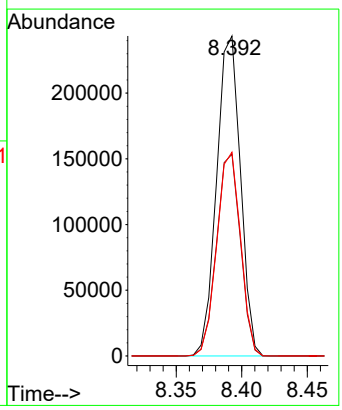
Supervised By :Jagrut Upadhyay 07/18/2025

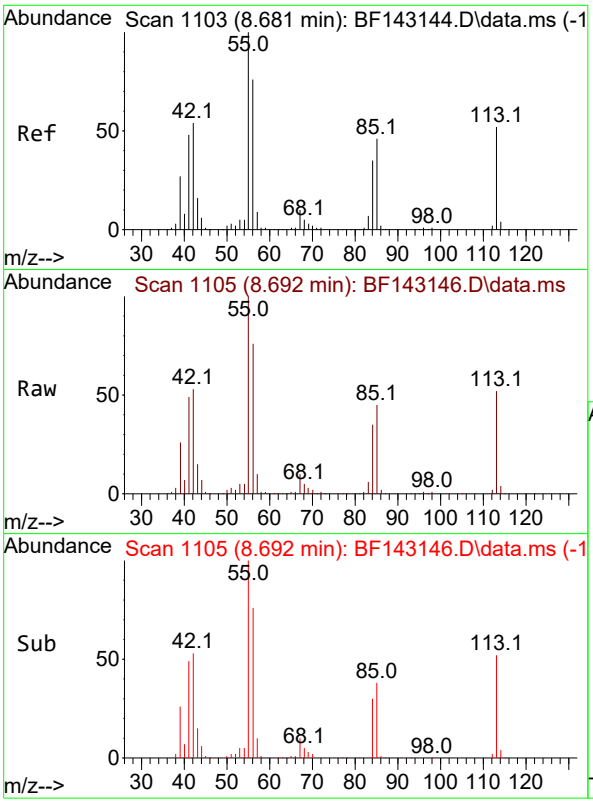



#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |

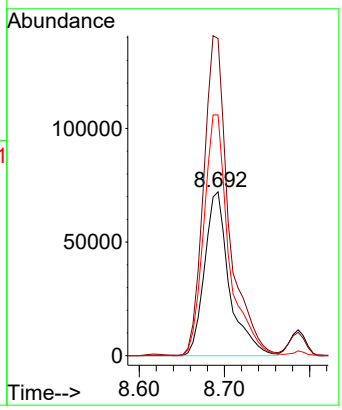





#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:113 Resp: 14589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.5 | 174.0 | 214.0 |
| 56 | 146.9 | 126.6 | 166.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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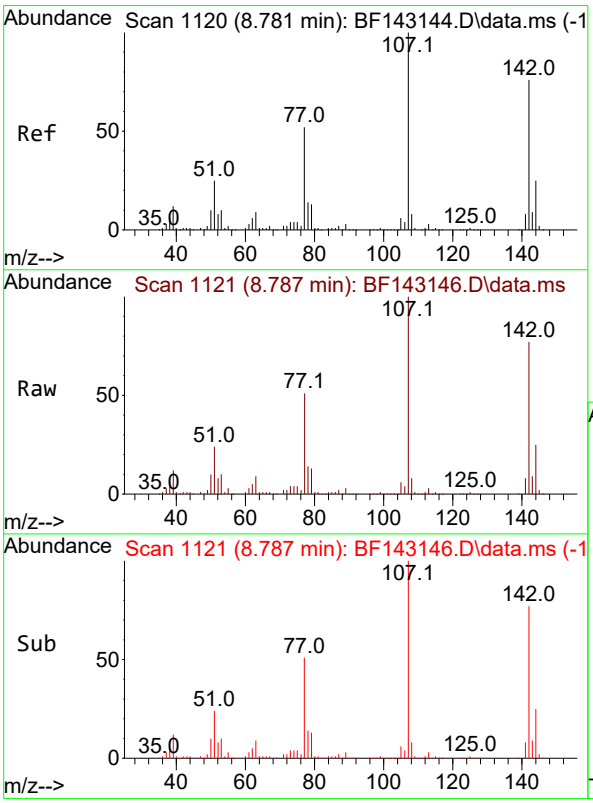
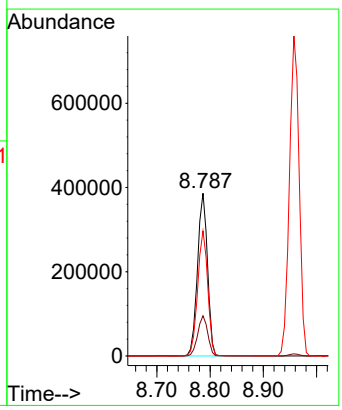
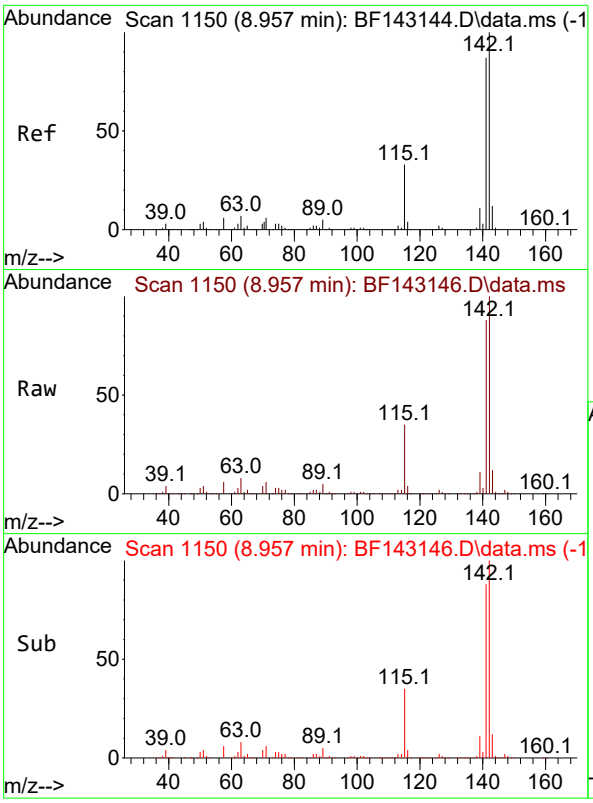



#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |

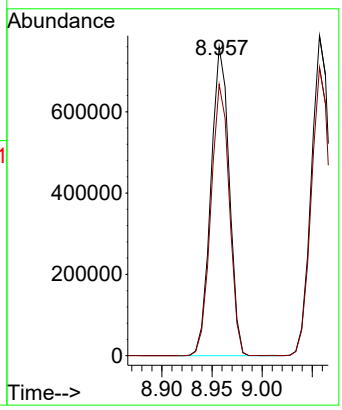





#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 96603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 69.9 | 104.9 |




**Instrument :**
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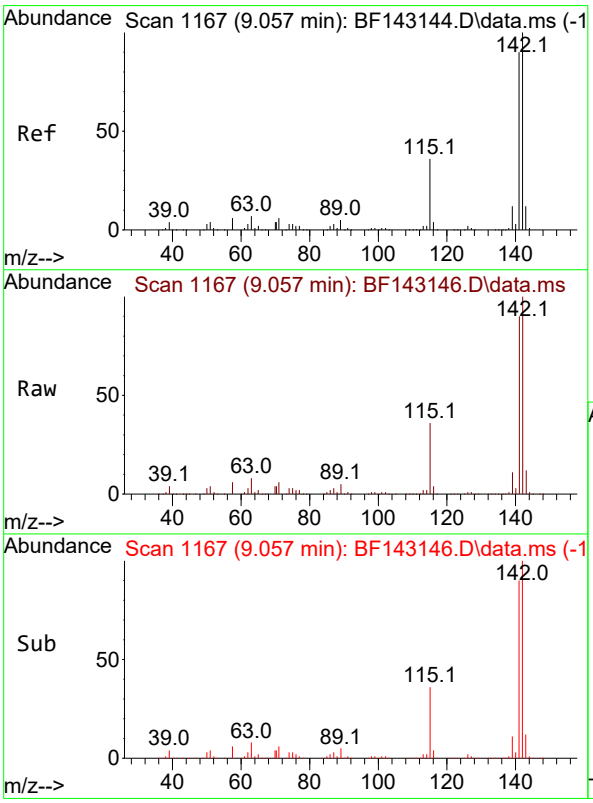
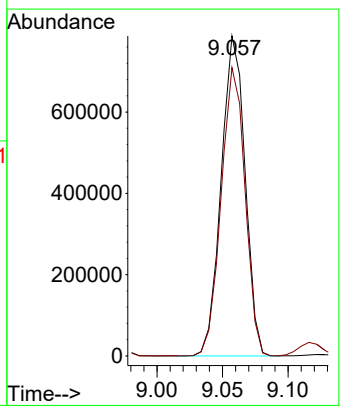
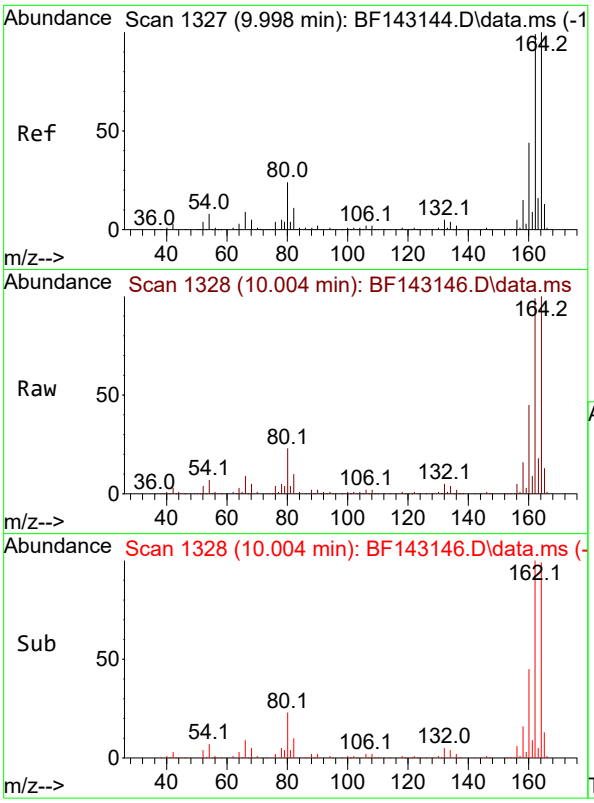



#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 72.3 | 108.5 |

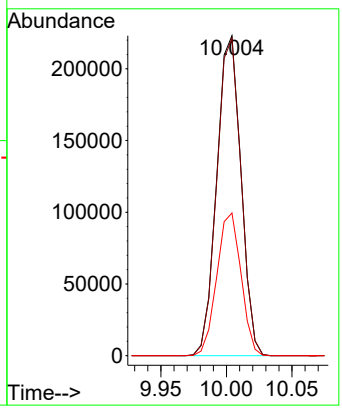





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:164 Resp: 28654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.1 | 79.0 | 118.6 |
| 160 | 44.6 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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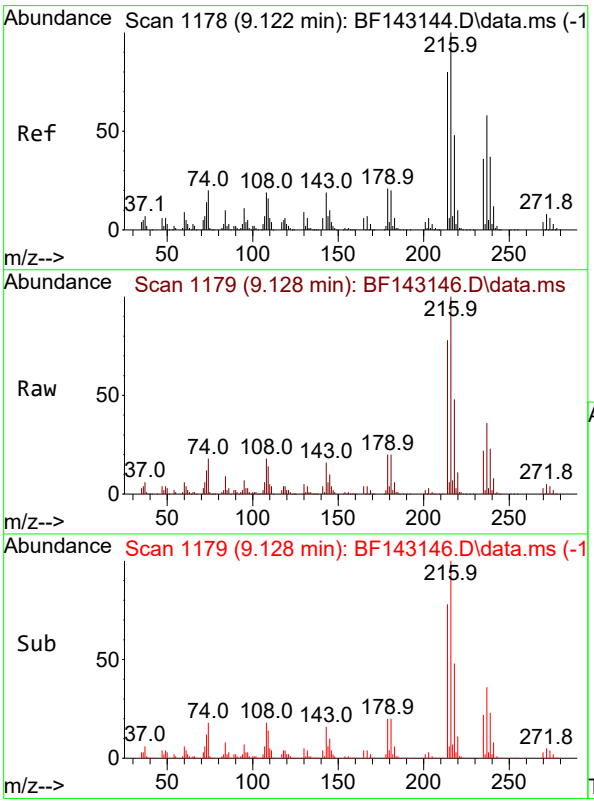
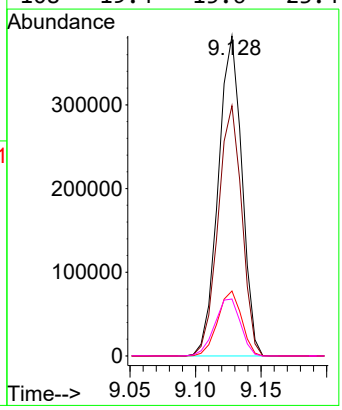
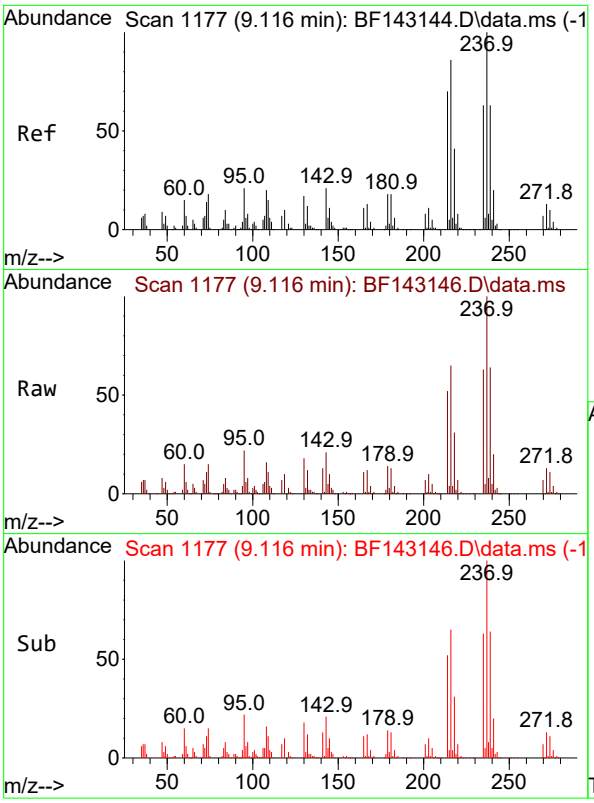



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 63.8 | 95.8 |
| 179 | 20.4 | 16.4 | 24.6 |
| 108 | 19.4 | 15.6 | 23.4 |

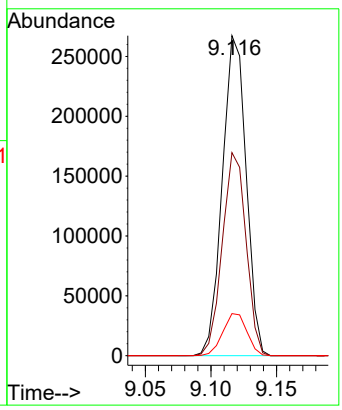





#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:237 Resp: 33783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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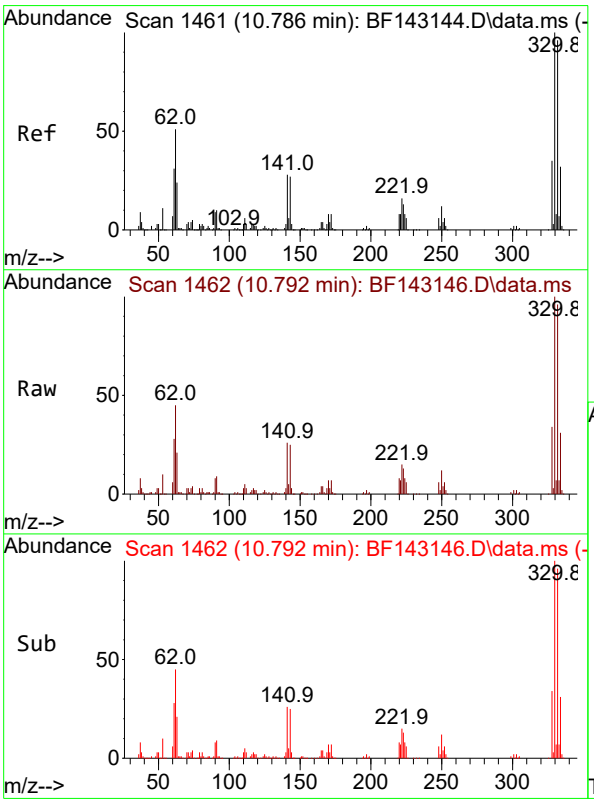
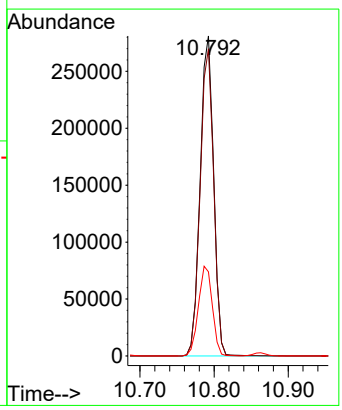
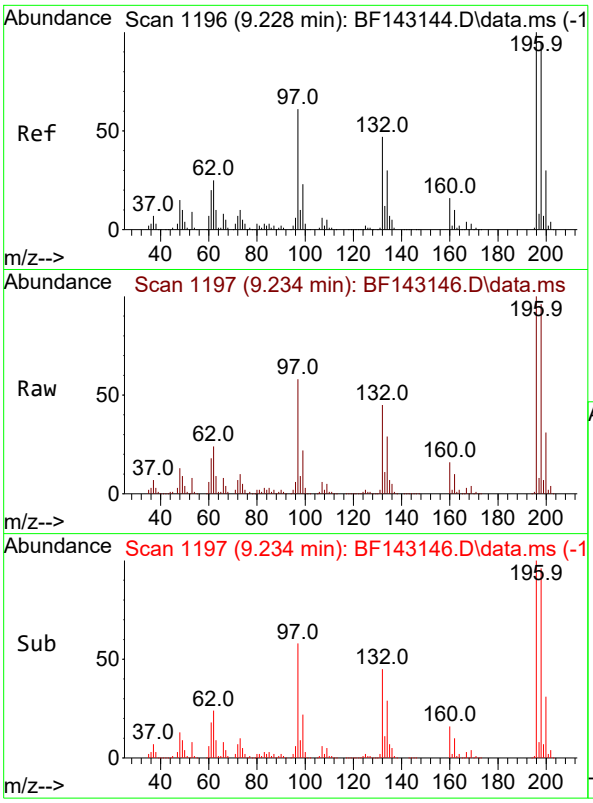



#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.7 | 115.1 |
| 141 | 28.9 | 23.3 | 34.9 |

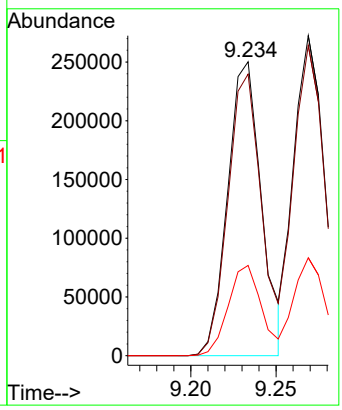





#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 34494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 76.2 | 114.2 |
| 200 | 30.7 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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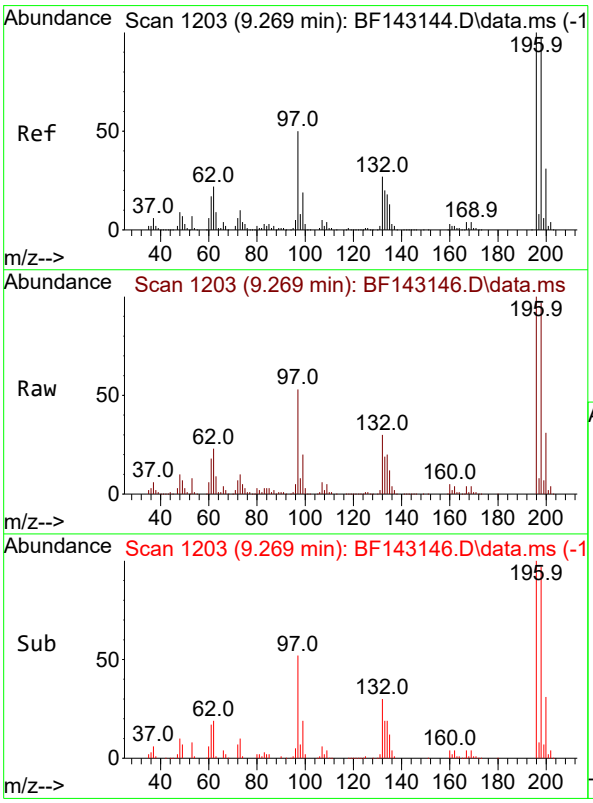
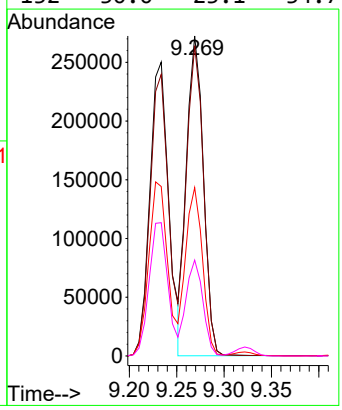
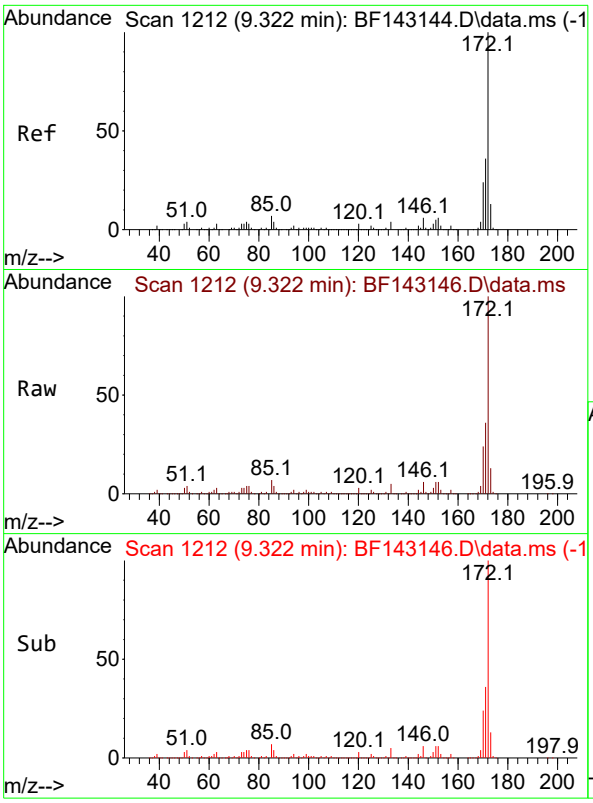



#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 77.3 | 115.9 |
| 97 | 52.6 | 40.3 | 60.5 |
| 132 | 30.0 | 23.1 | 34.7 |

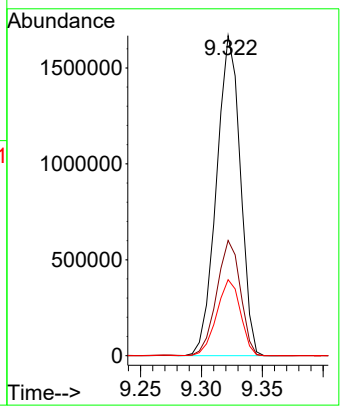





#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:172 Resp: 227450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.6 | 42.8 |
| 170 | 23.7 | 18.8 | 28.2 |




**Instrument :**
BNA_F
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SSTDICC060

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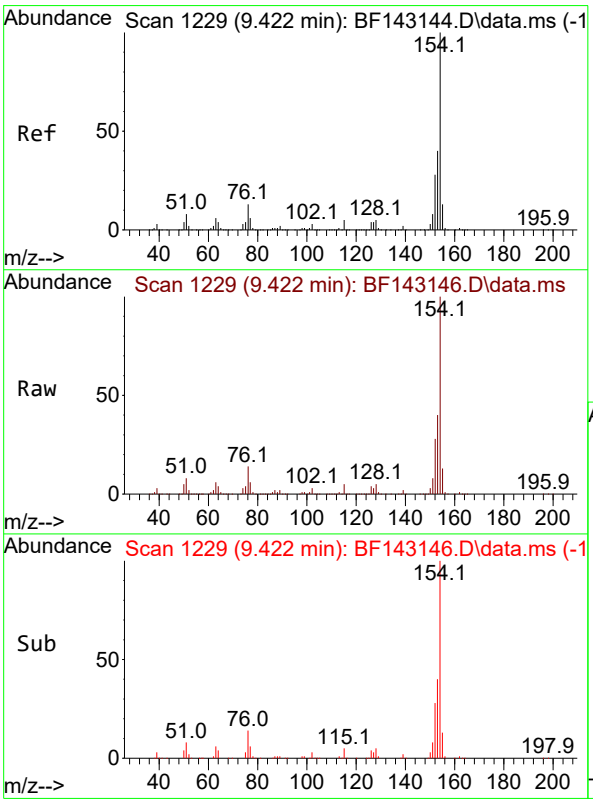
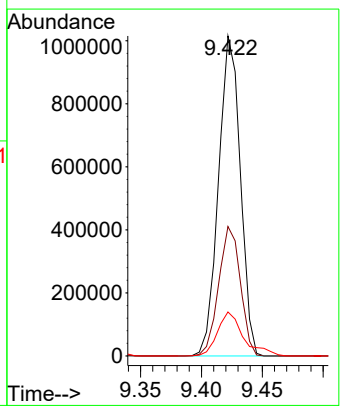
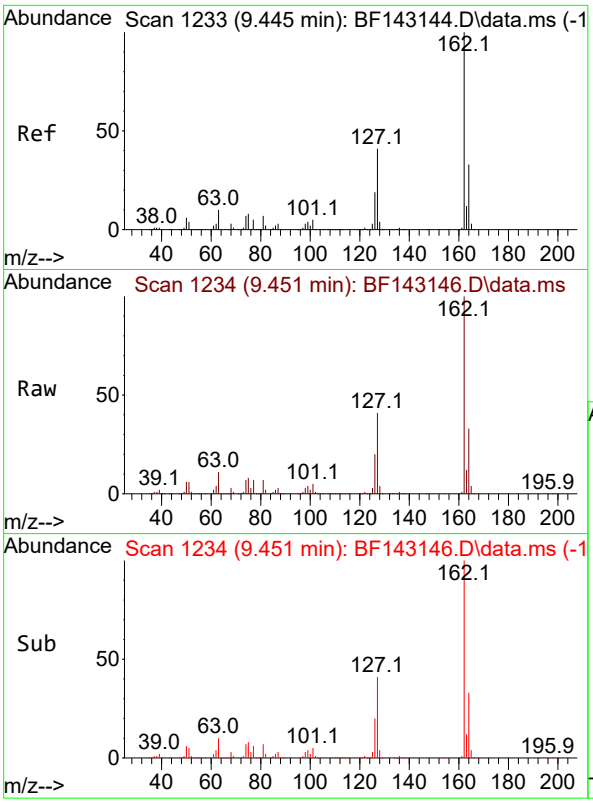



#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |






#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:162 Resp: 94891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.6 | 26.2 | 39.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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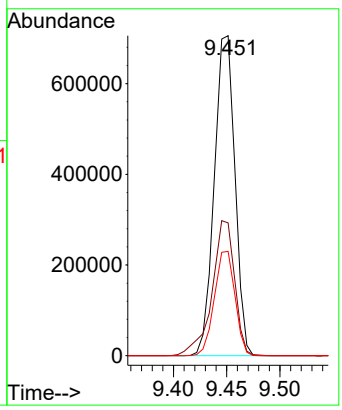
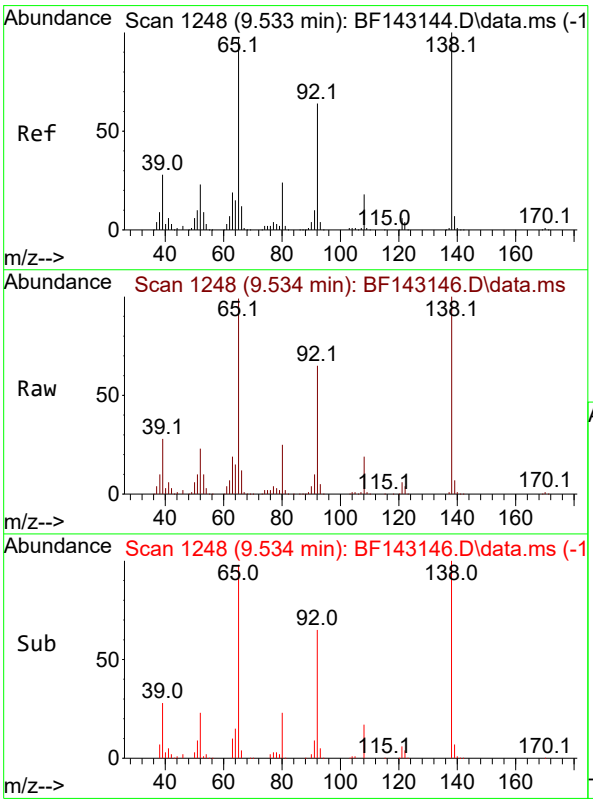
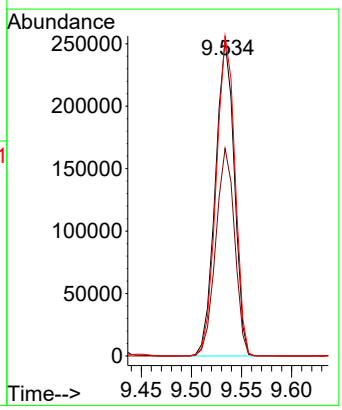


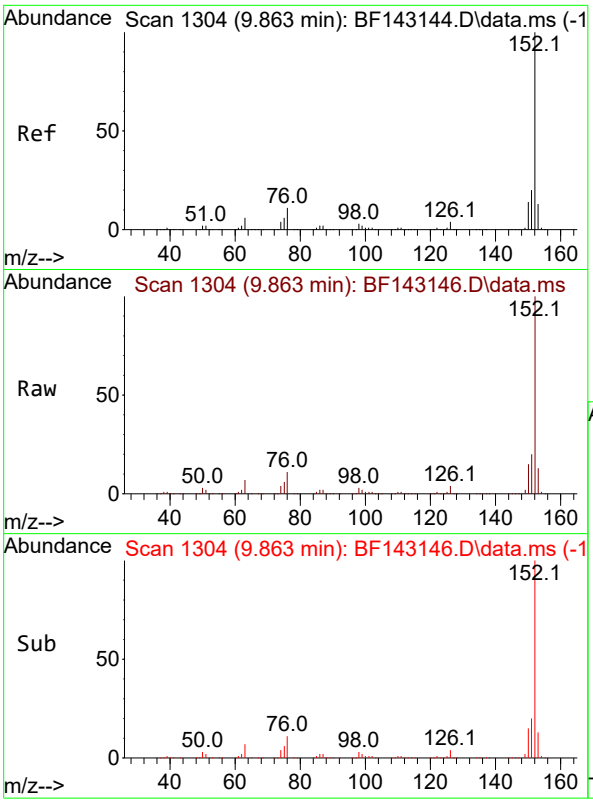




#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.8 | 52.4 | 78.6 |
| 138 | 101.5 | 82.3 | 123.5 |

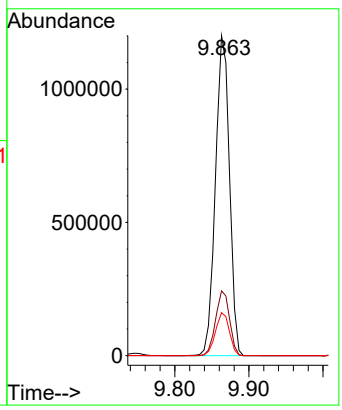





#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:152 Resp: 157624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.5 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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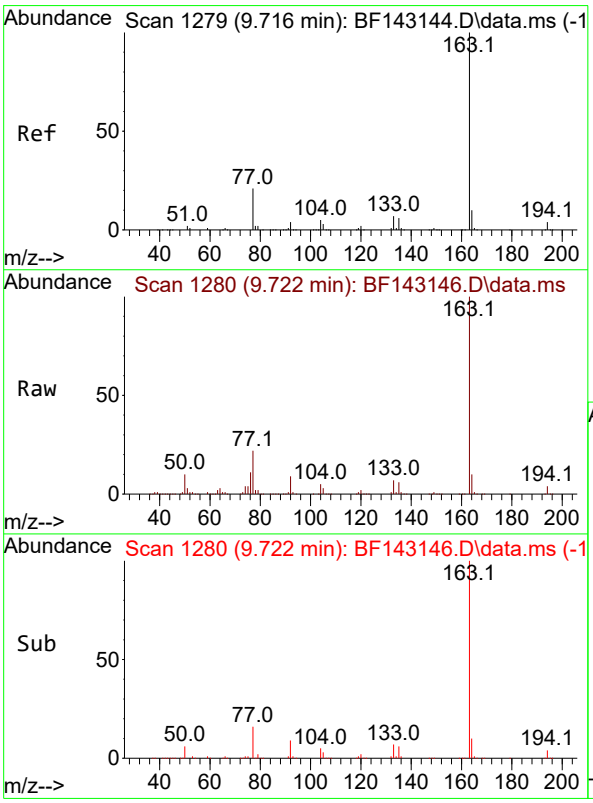
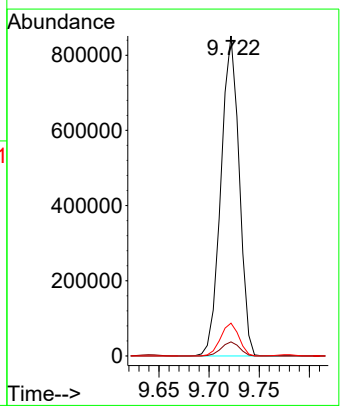
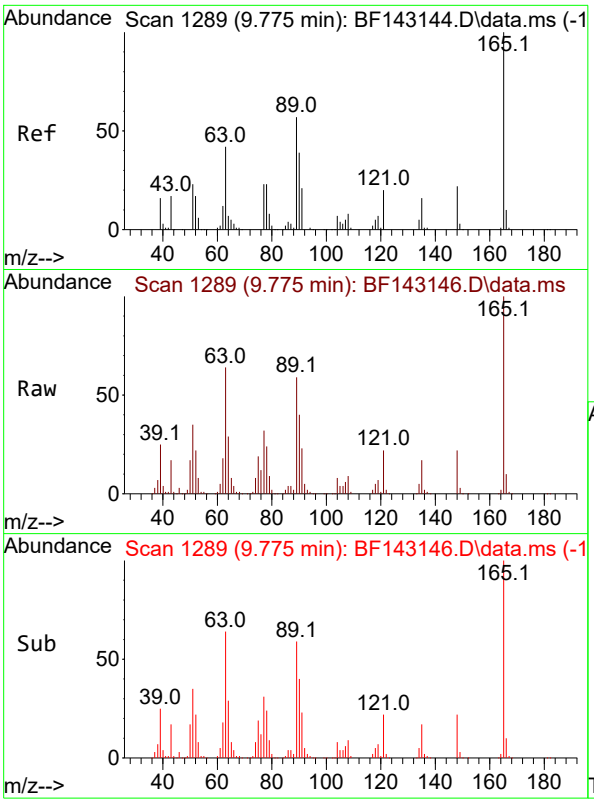



#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |

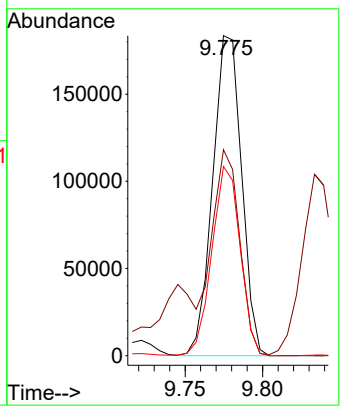





#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 23810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.4 | 49.4 | 74.2 |
| 89 | 59.1 | 46.2 | 69.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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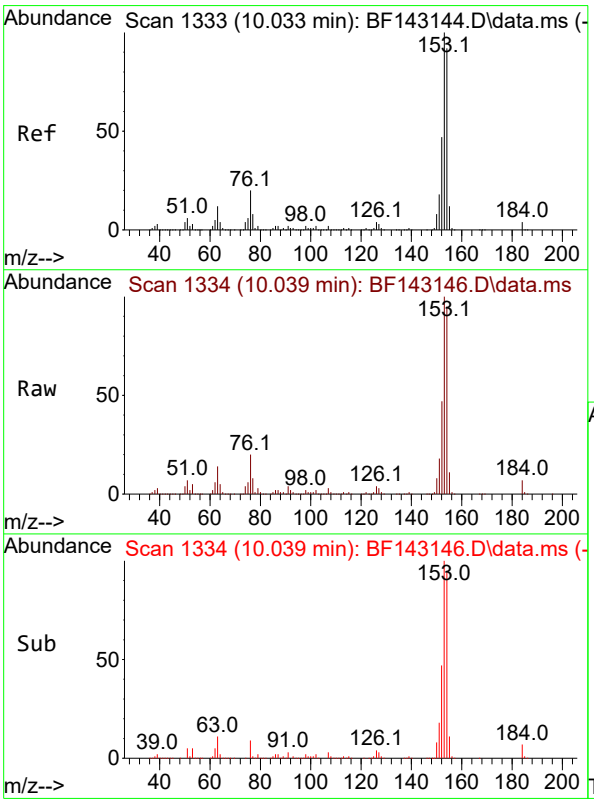
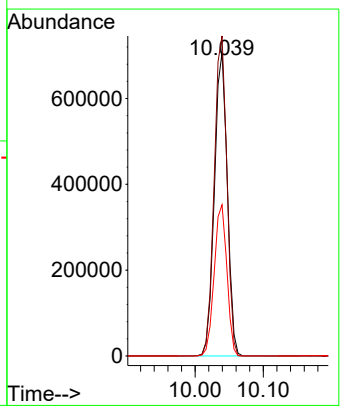
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

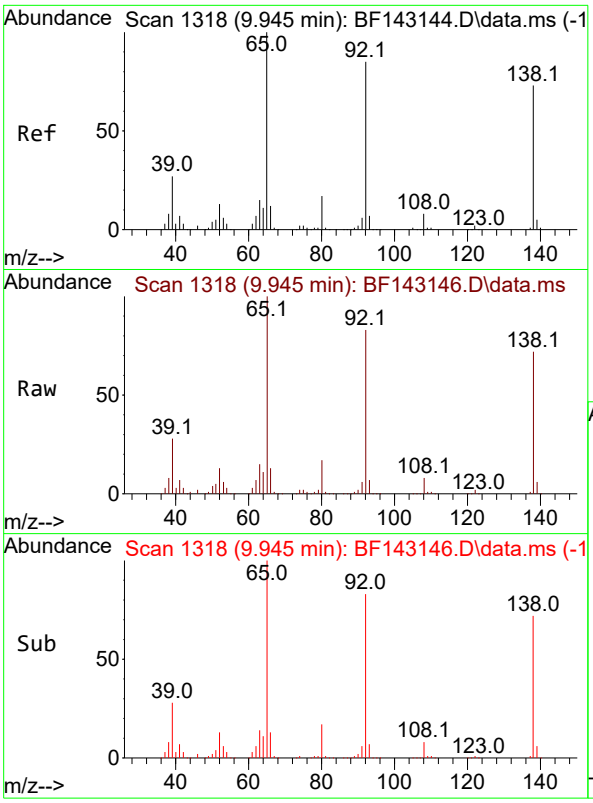



#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.6 | 86.6 | 129.8 |
| 152 | 49.9 | 40.4 | 60.6 |

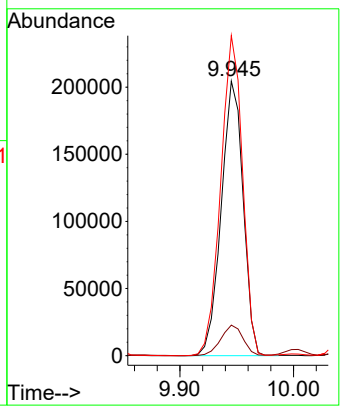





#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 27350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 116.5 | 93.0 | 139.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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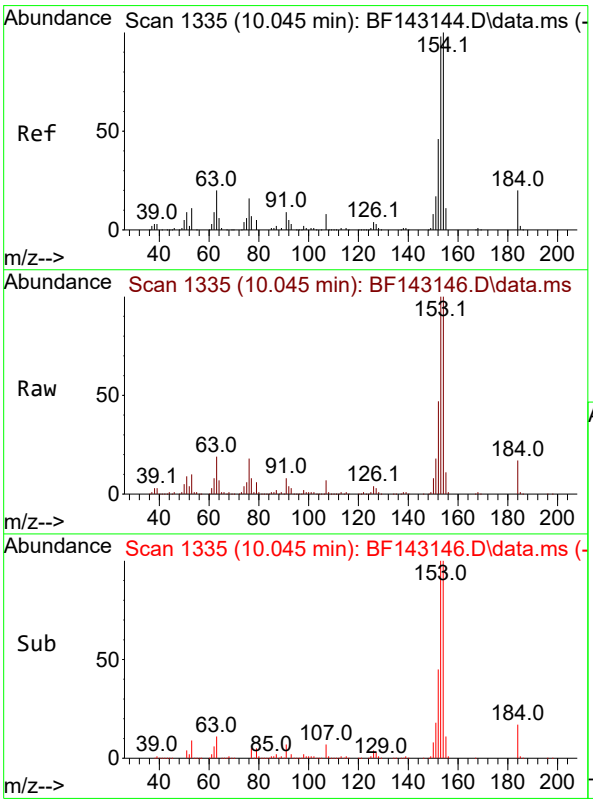
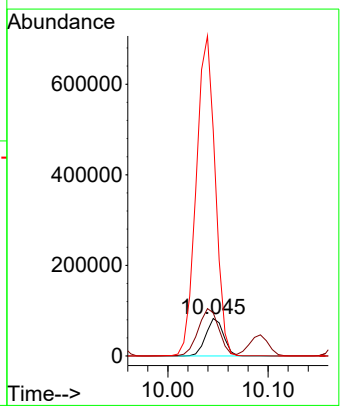
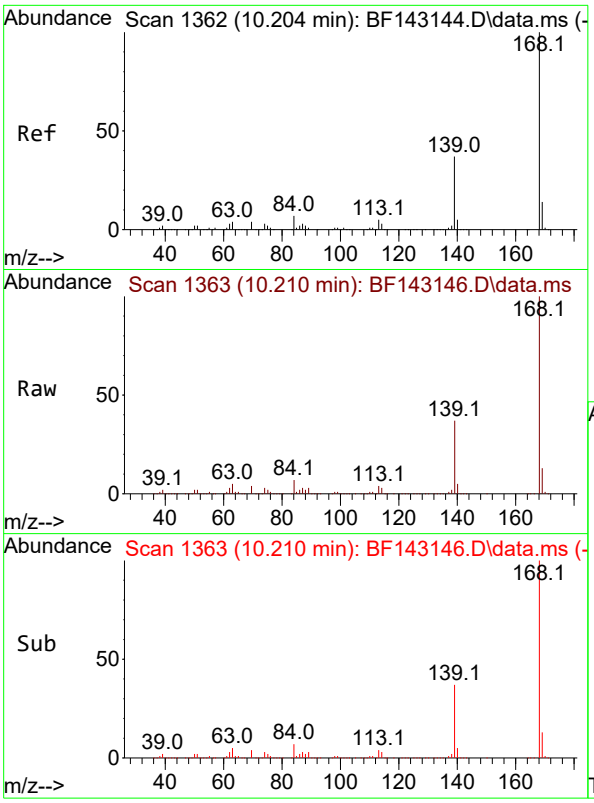



#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 115.6 | 81.8 | 122.6 |
| 154 | 603.3 | 412.2 | 618.4 |

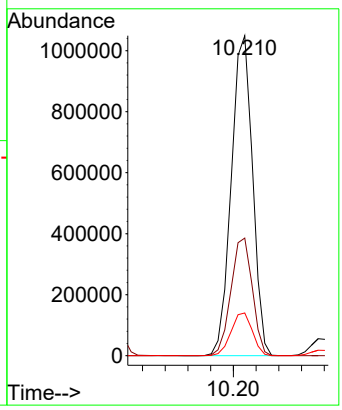





#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:168 Resp: 136453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.7 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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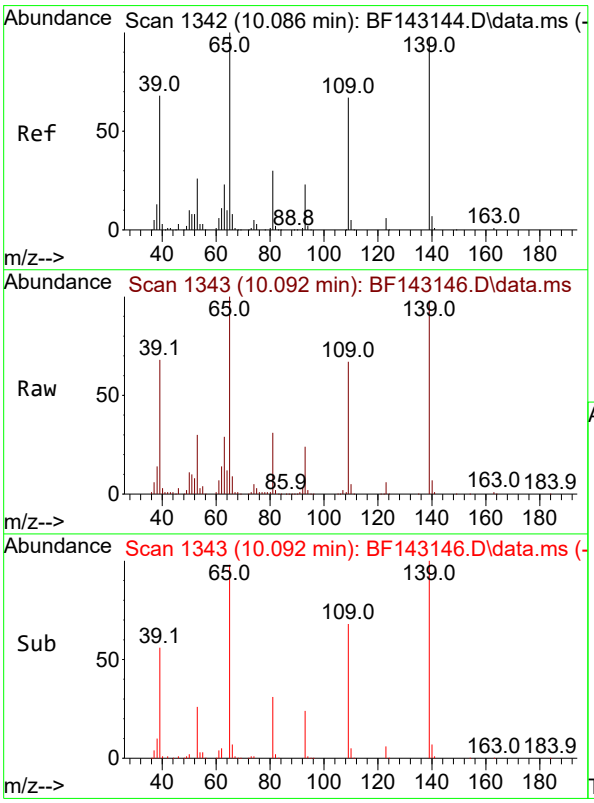
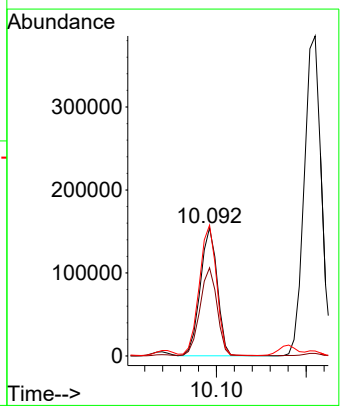
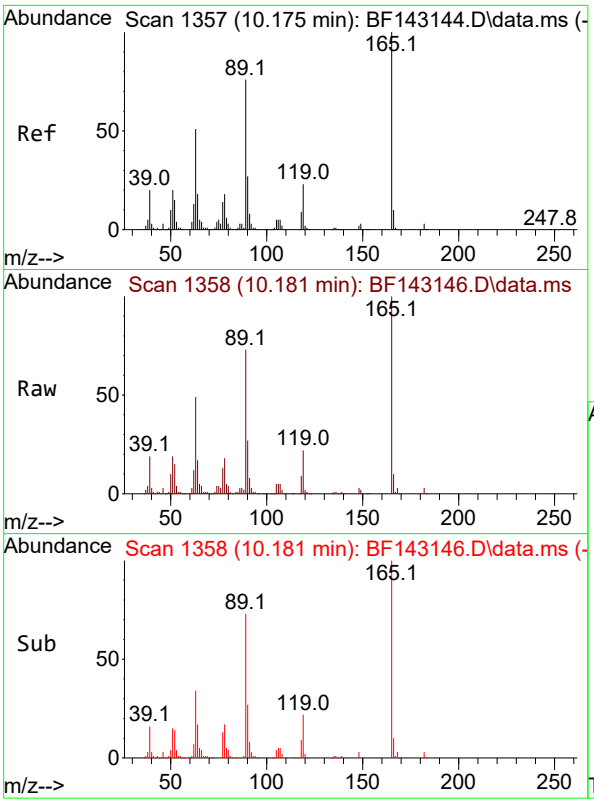



#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 48.5 | 88.5 |
| 65 | 102.2 | 83.4 | 123.4 |

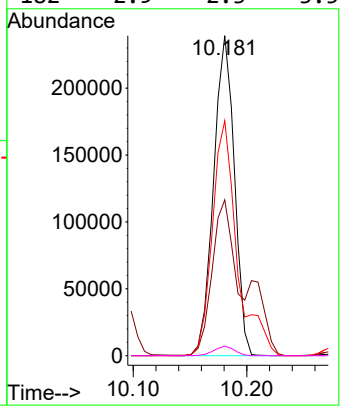





#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:165 Resp: 30446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.7 | 41.0 | 61.4 |
| 89 | 73.4 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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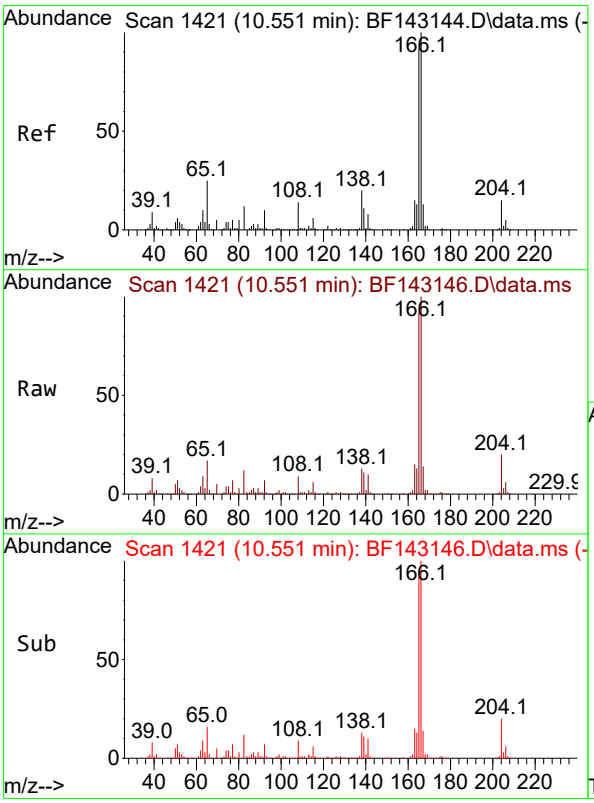
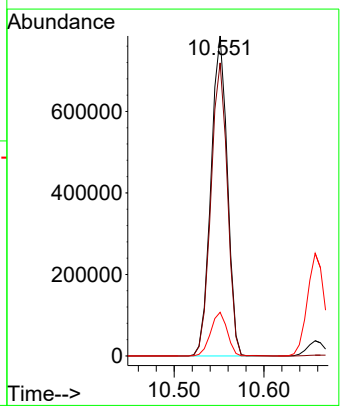
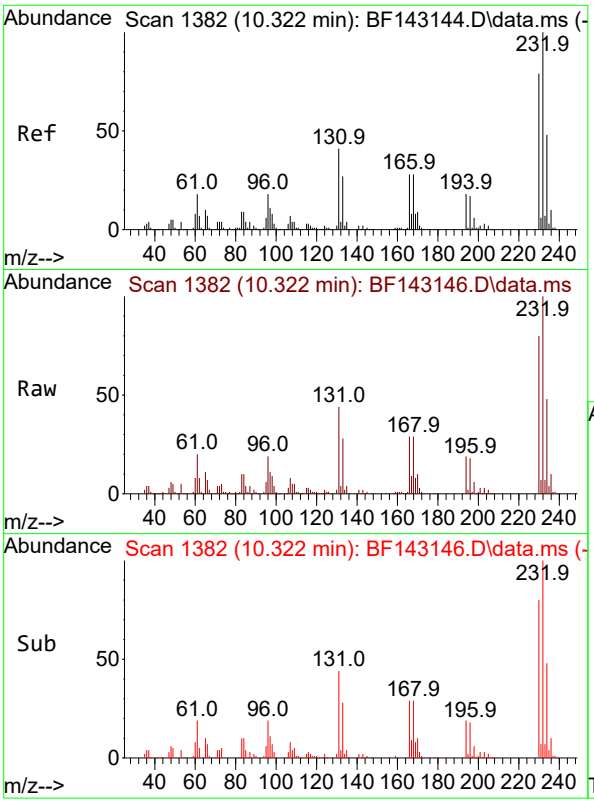



#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.6 | 73.7 | 110.5 |
| 167 | 13.6 | 10.6 | 16.0 |

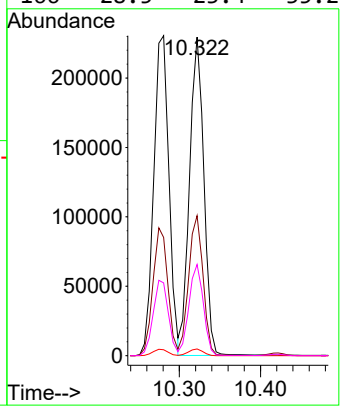





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:232 Resp: 28312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.2 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.5 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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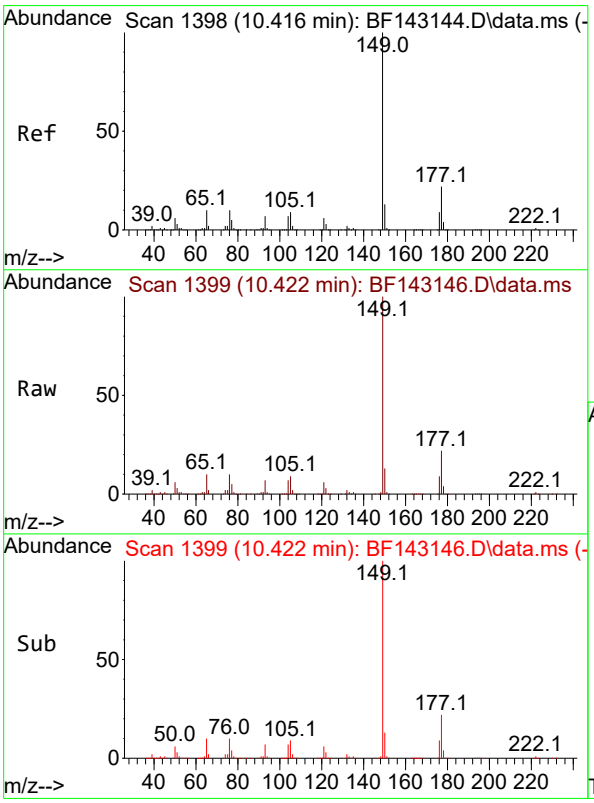
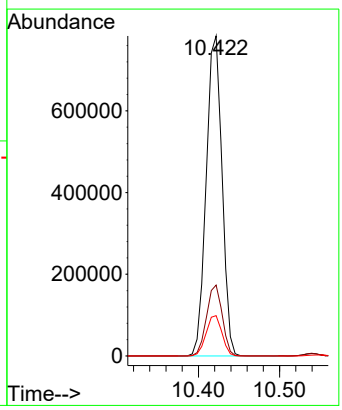
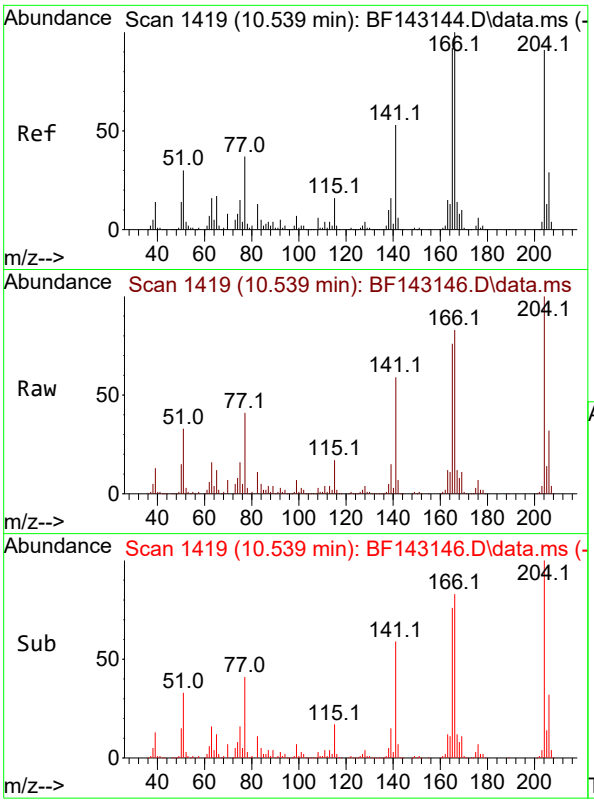



#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |

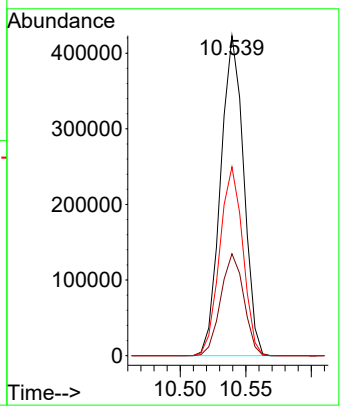





#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:204 Resp: 51698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 25.8 | 38.8 |
| 141 | 59.0 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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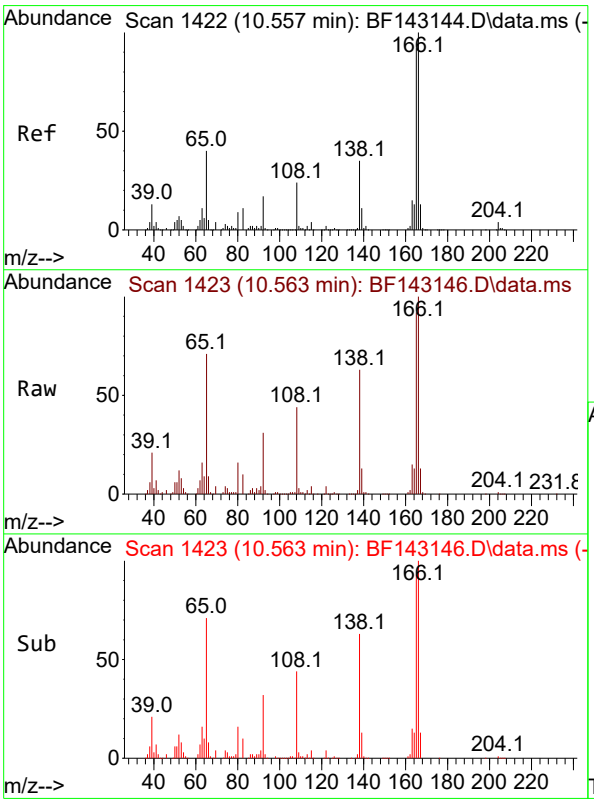
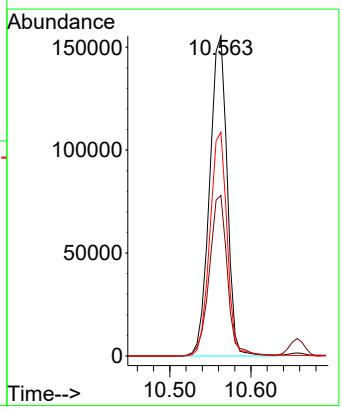
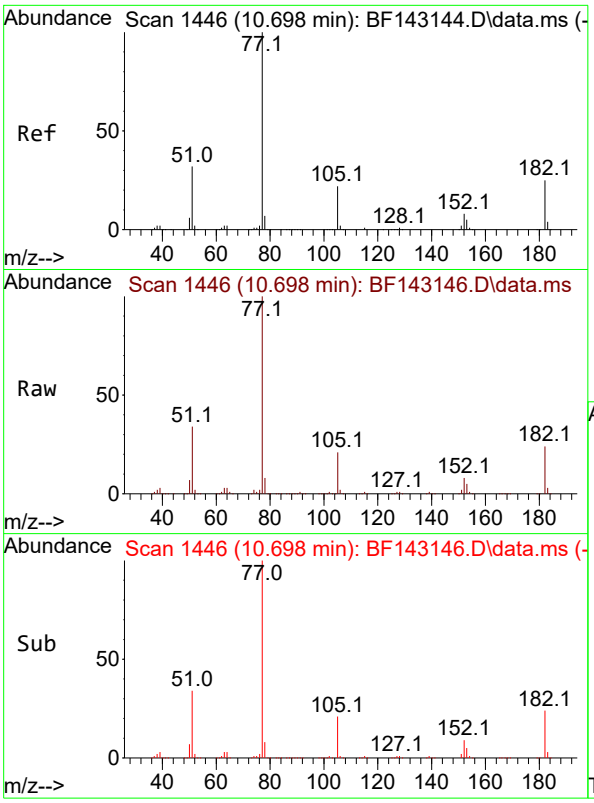



#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.2 | 29.3 | 69.3 |
| 108 | 69.9 | 48.3 | 88.3 |

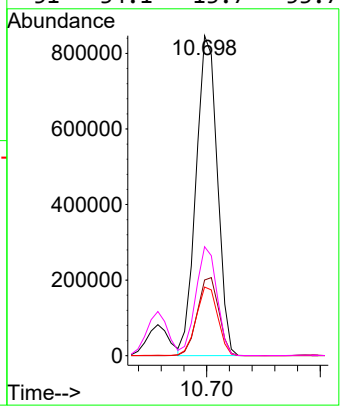





#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 109877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.6 | 4.6 | 44.6 |
| 105 | 21.4 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |




**Instrument :**
BNA_F
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SSTDICC060

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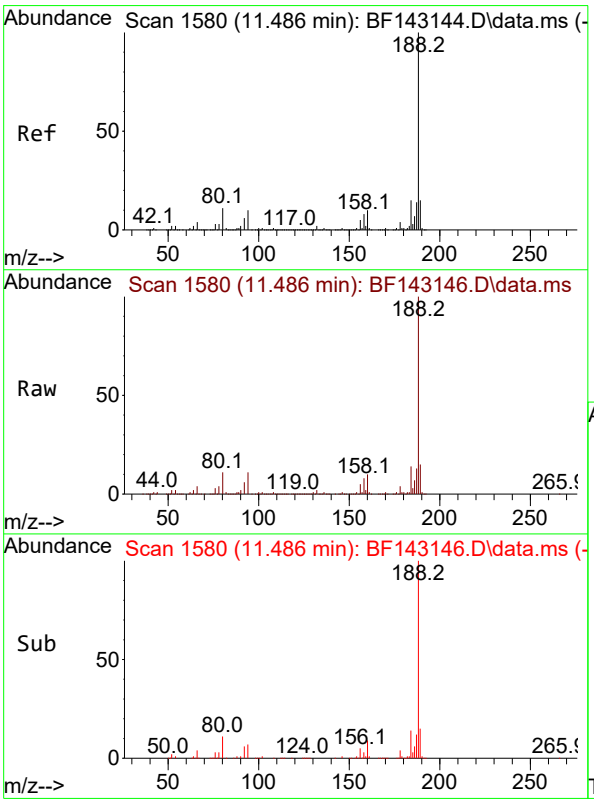
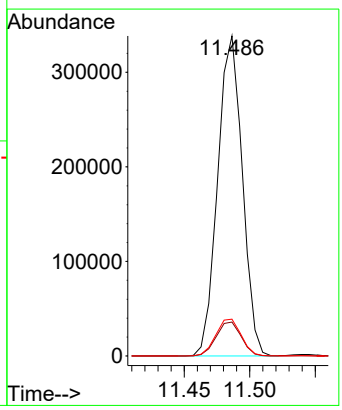
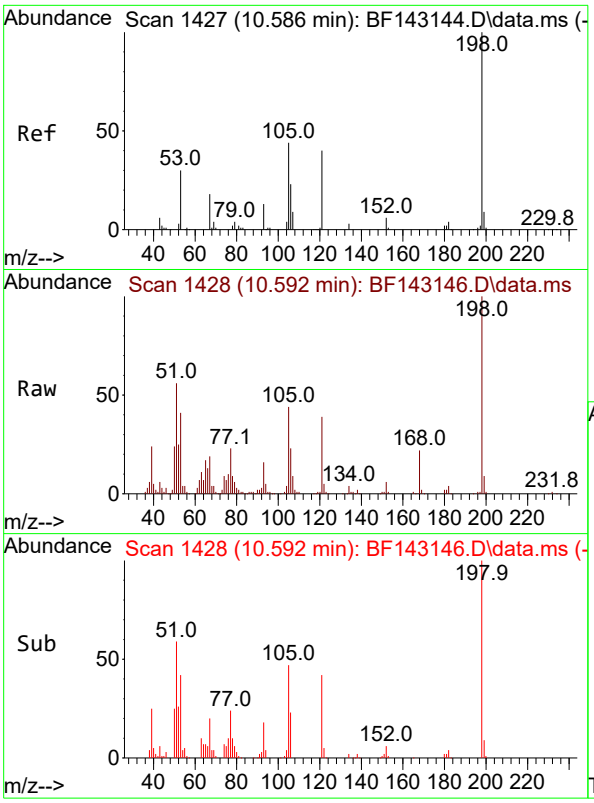



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.5 | 9.0 | 13.6 |

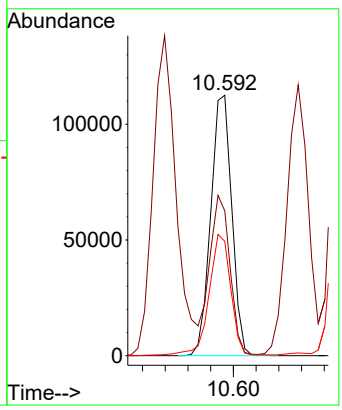





#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:198 Resp: 14475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.6 | 37.2 | 77.2 |
| 105 | 43.9 | 24.8 | 64.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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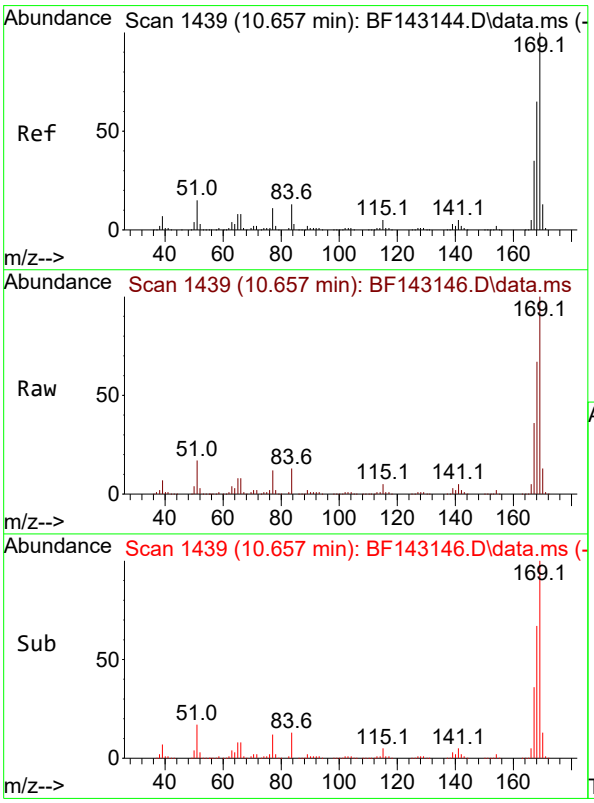
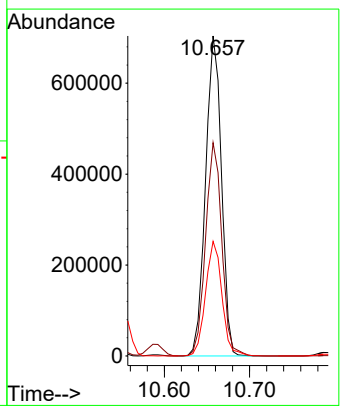
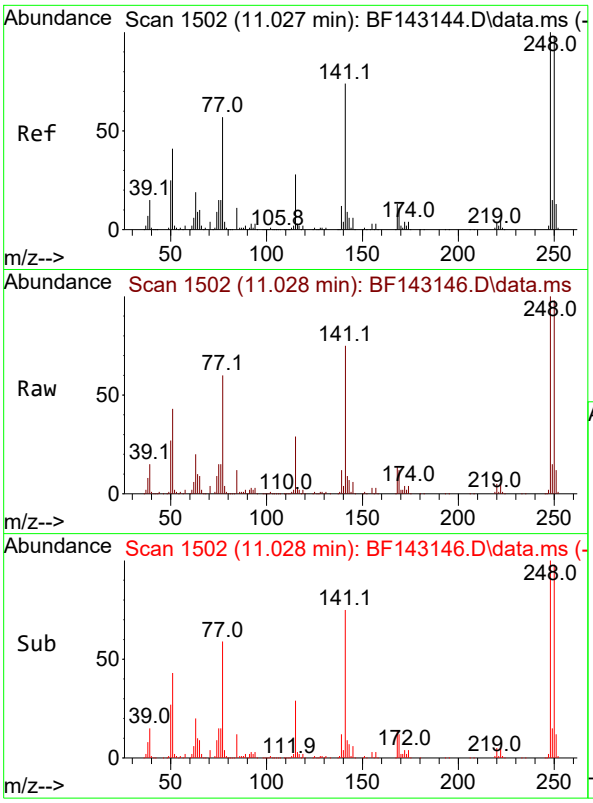



#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 52.1 | 78.1 |
| 167 | 35.8 | 28.2 | 42.2 |

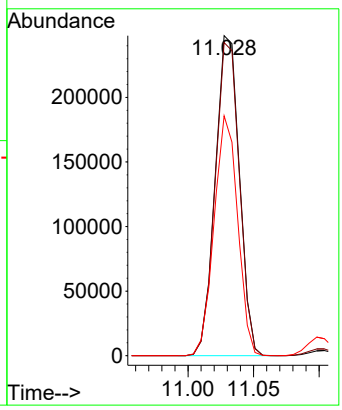





#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:248 Resp: 31808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.3 | 117.5 |
| 141 | 75.0 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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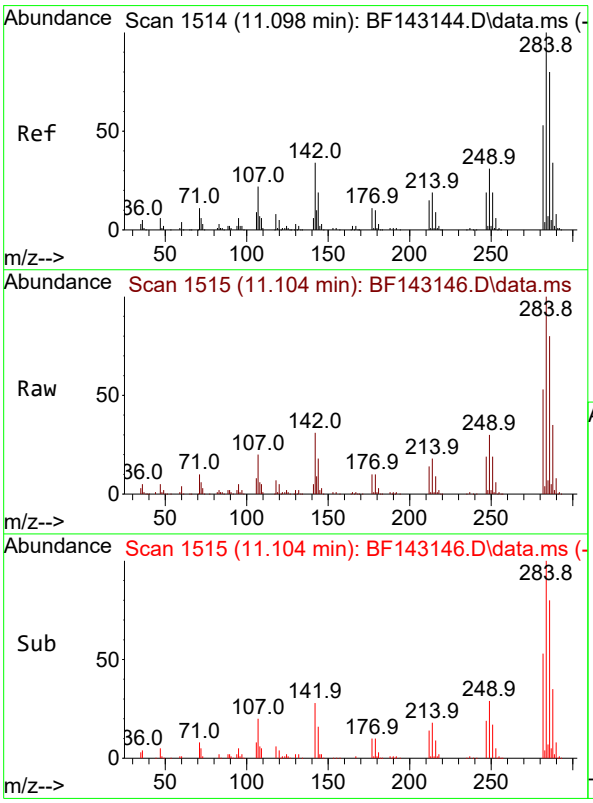
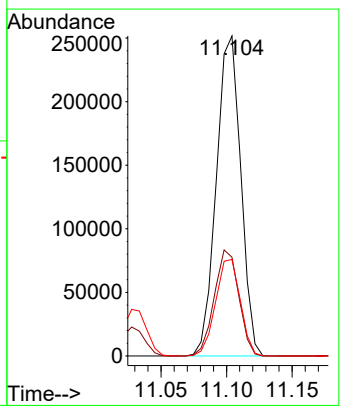
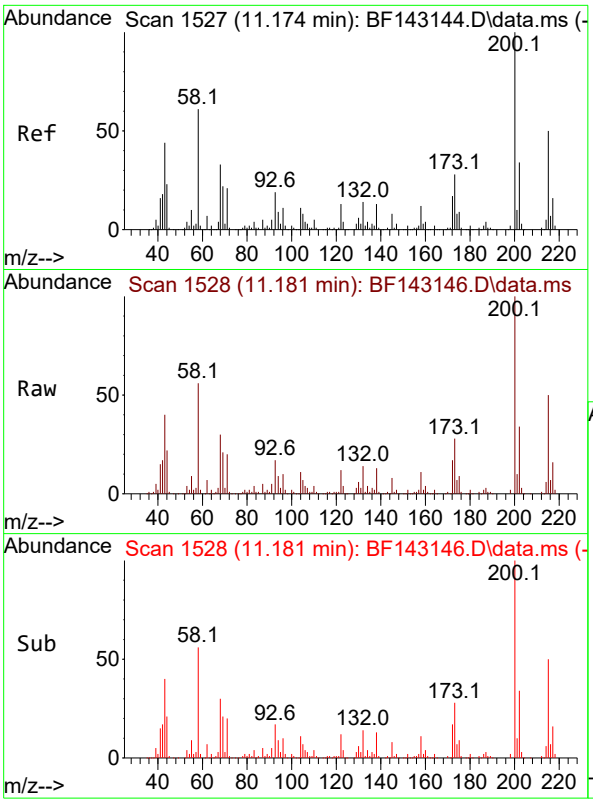



#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.9 | 27.0 | 40.6 |
| 249 | 30.1 | 25.0 | 37.6 |

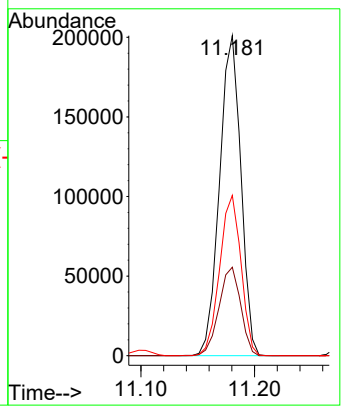





#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:200 Resp: 26237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.6 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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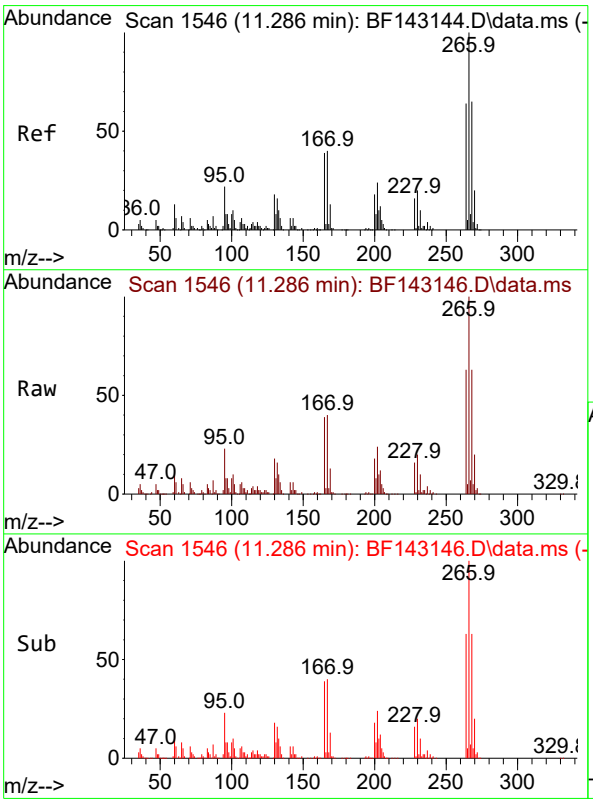
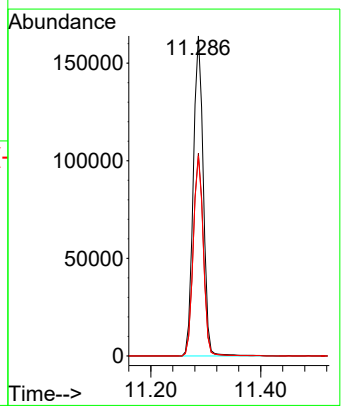
Supervised By :Jagrut Upadhyay 07/18/2025

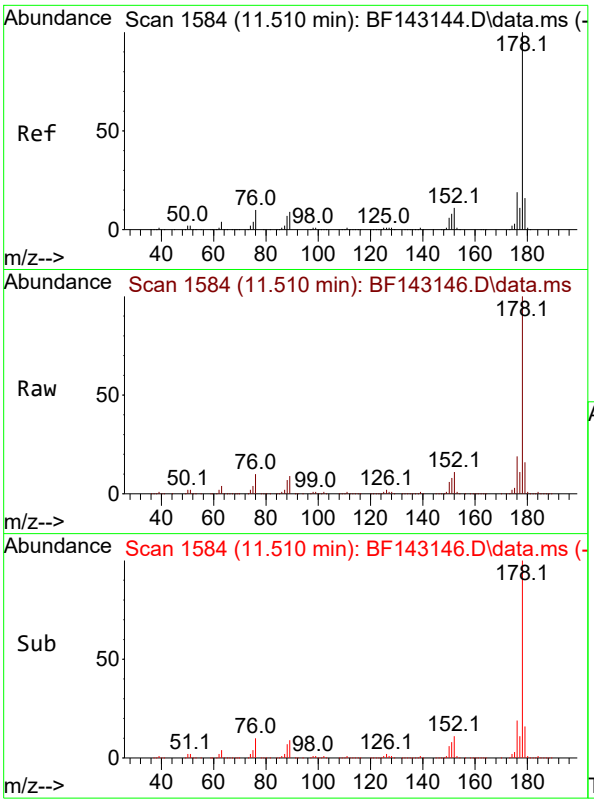



#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.3 | 51.9 | 77.9 |
| 264 | 62.5 | 51.0 | 76.6 |

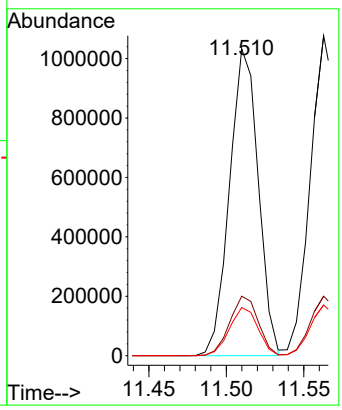





#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 133148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.3 | 22.9 |
| 179 | 15.7 | 12.5 | 18.7 |




**Instrument :**
BNA_F
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SSTDICC060

**Manual Integrations**
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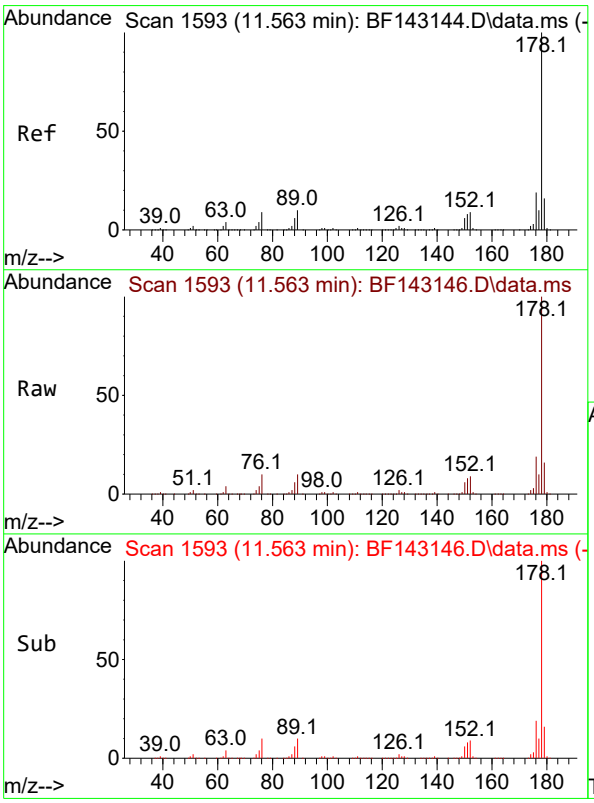
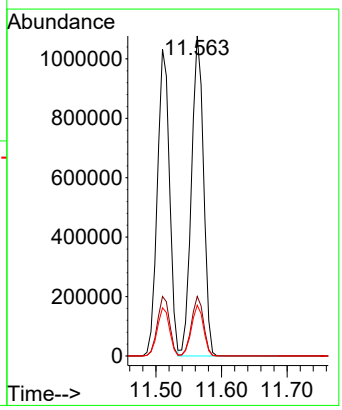
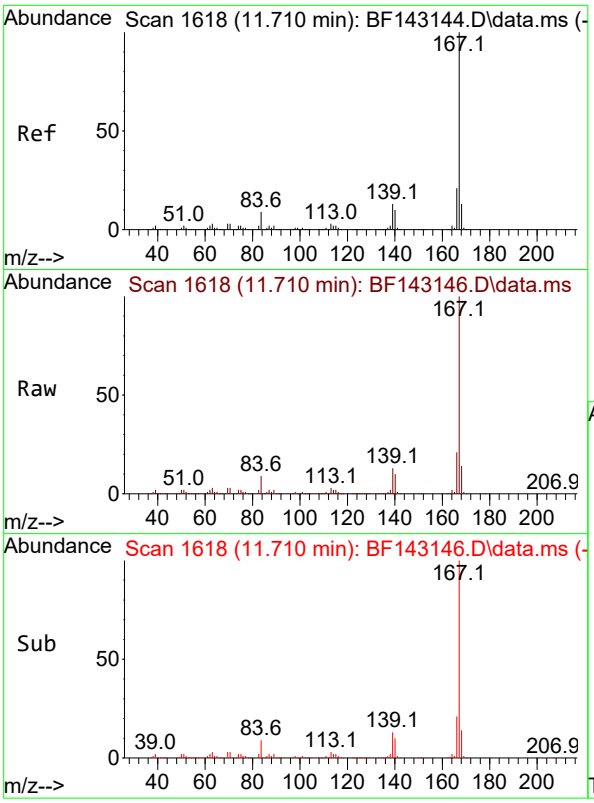



#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.8 | 12.5 | 18.7 |

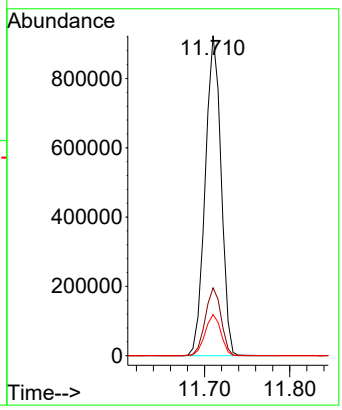





#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:167 Resp: 119402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.9 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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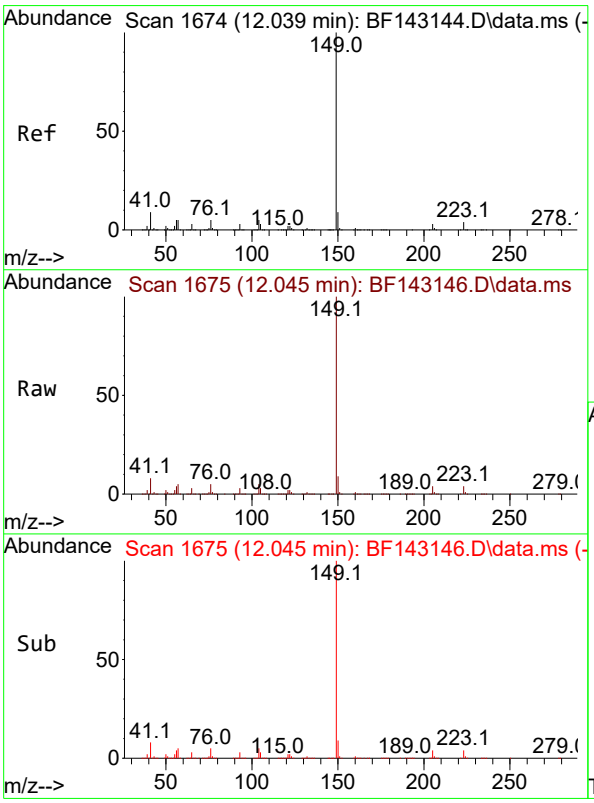
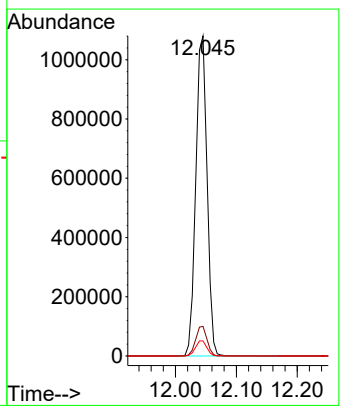
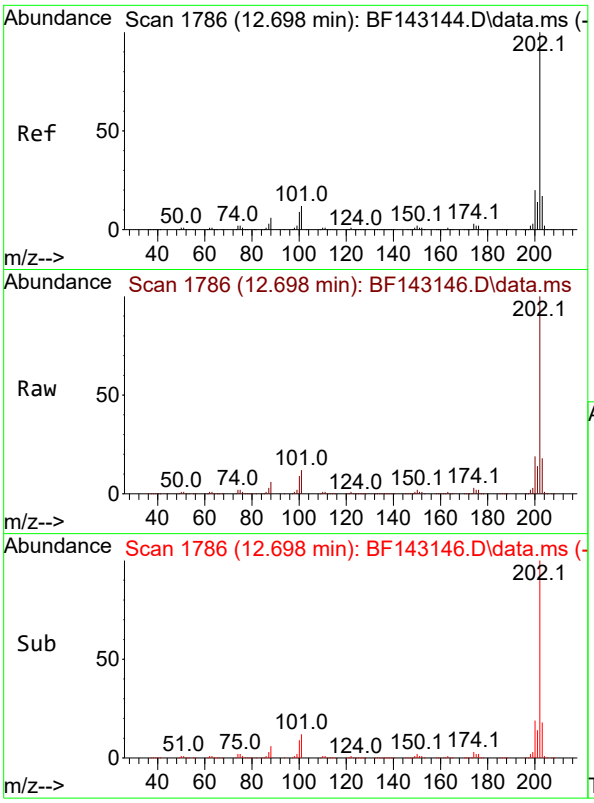



#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |

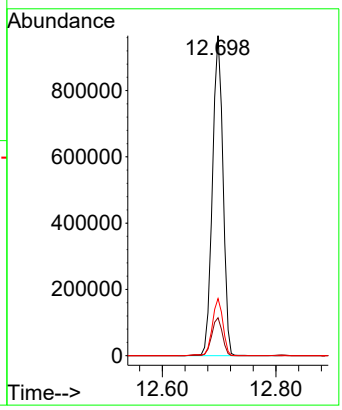





#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 123295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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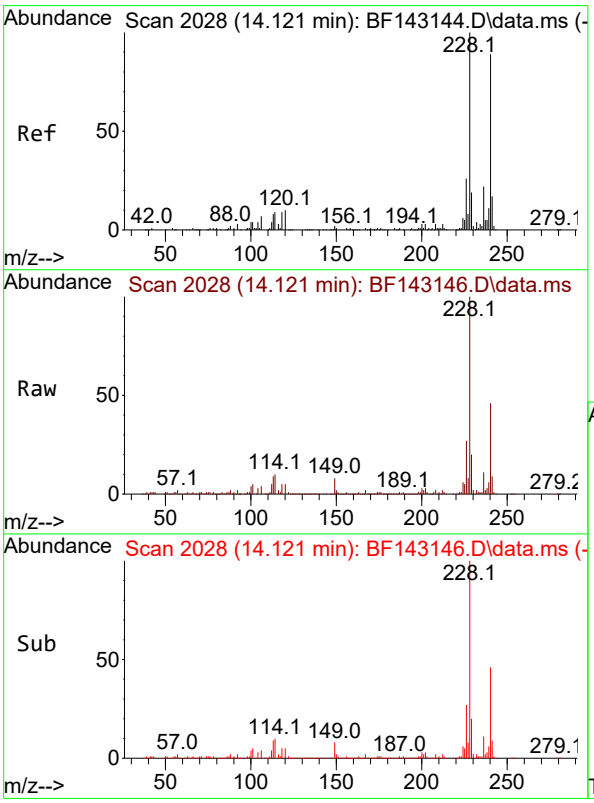
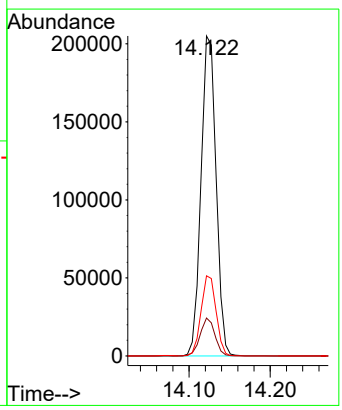
Supervised By :Jagrut Upadhyay 07/18/2025

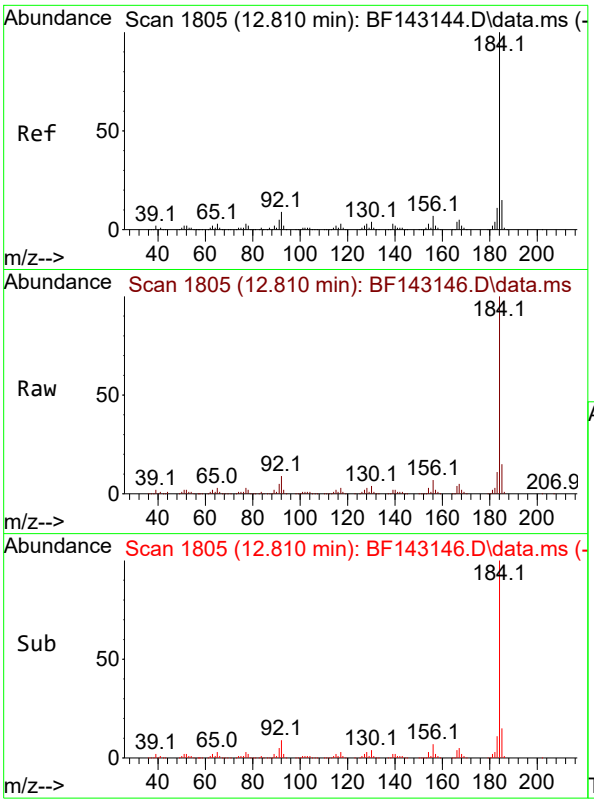



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.9 | 9.4 | 14.2 |
| 236 | 25.1 | 20.2 | 30.4 |

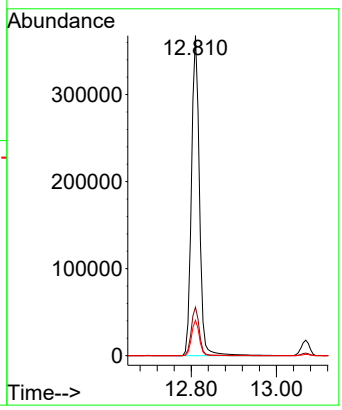





#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 47655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.2 | 18.4 |
| 183 | 11.0 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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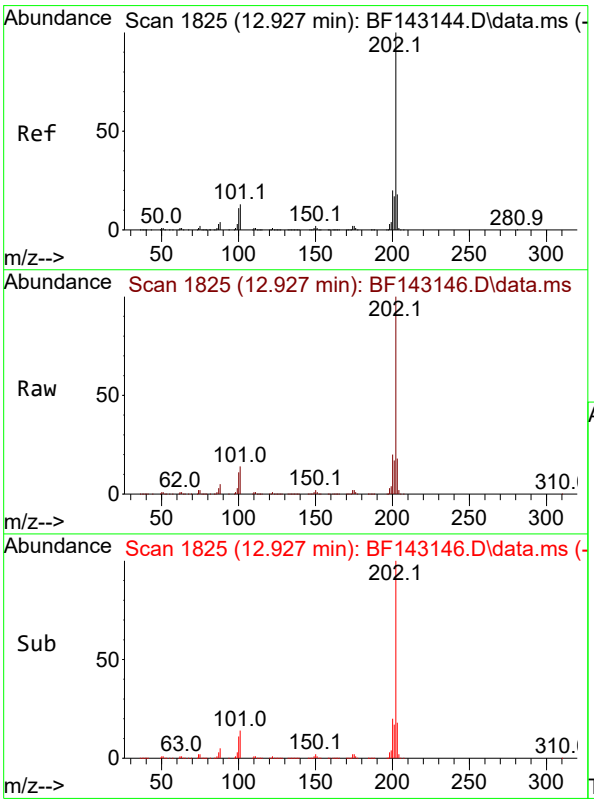
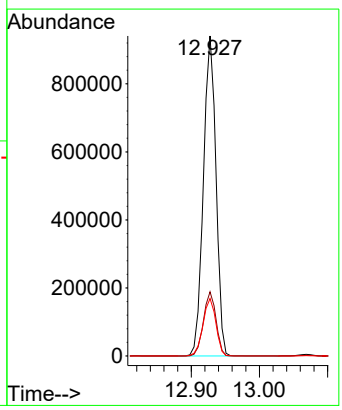
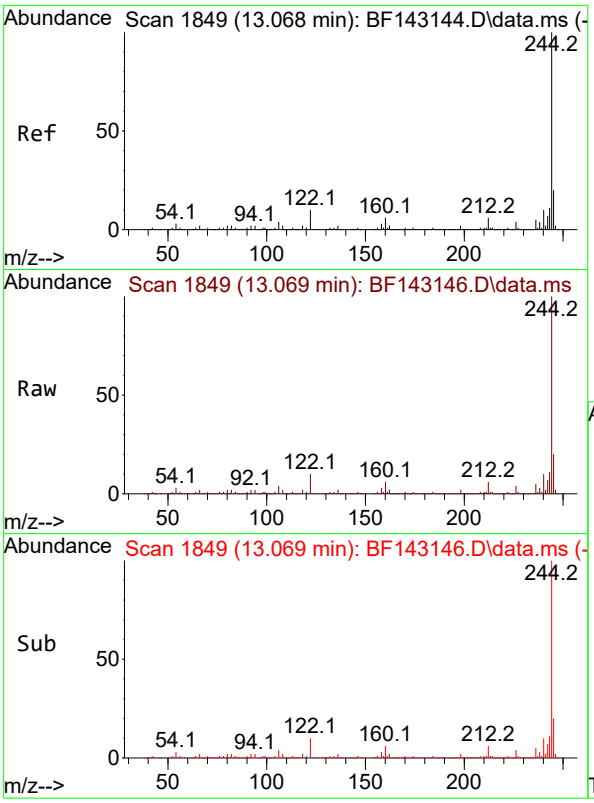



#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 15.7 | 23.5 |
| 203 | 18.0 | 14.2 | 21.2 |

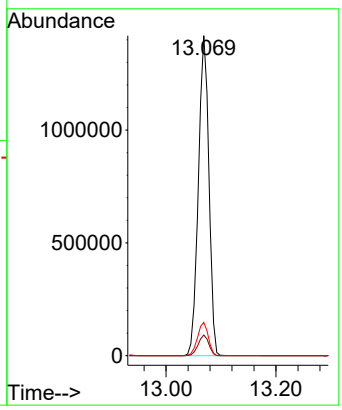





#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:244 Resp: 188854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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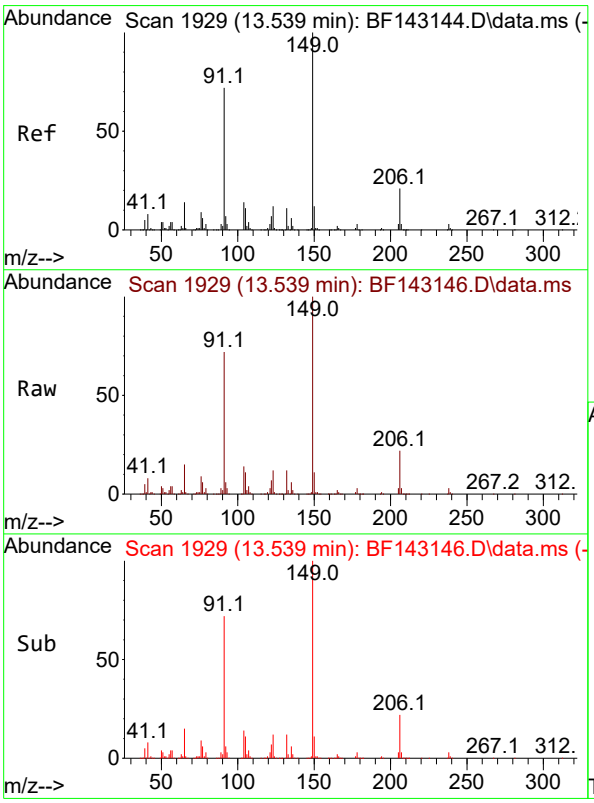
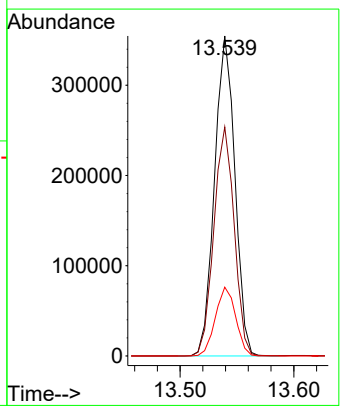
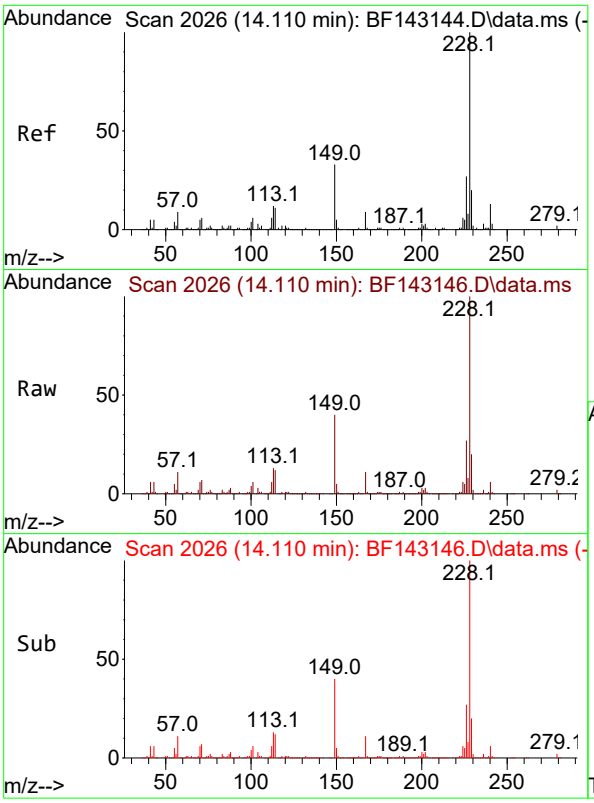



#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.6 | 57.9 | 86.9 |
| 206 | 21.5 | 17.0 | 25.4 |

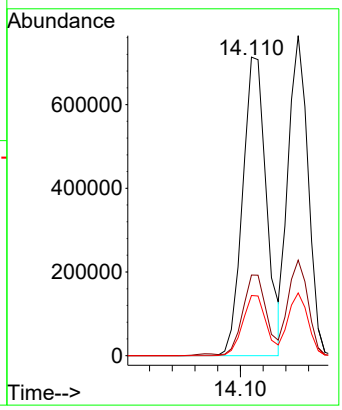





#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 104123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.7 | 32.5 |
| 229 | 20.2 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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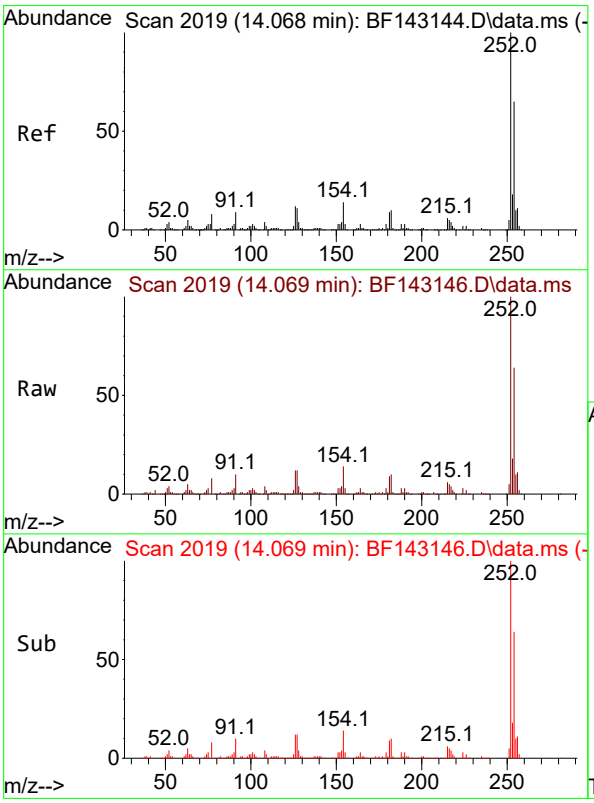
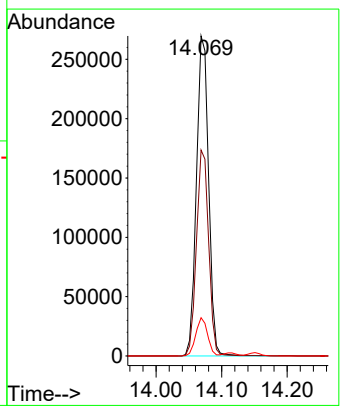
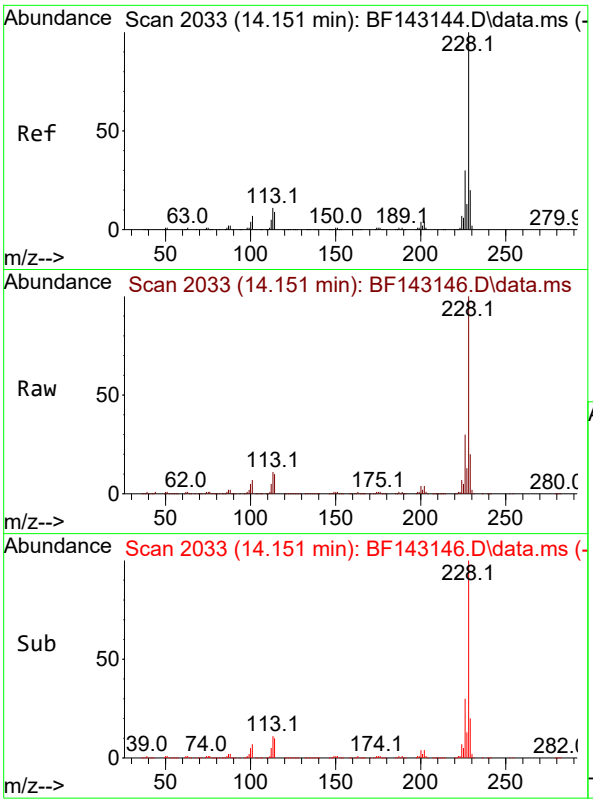



#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.7 | 77.5 |
| 126 | 12.0 | 9.4 | 14.0 |

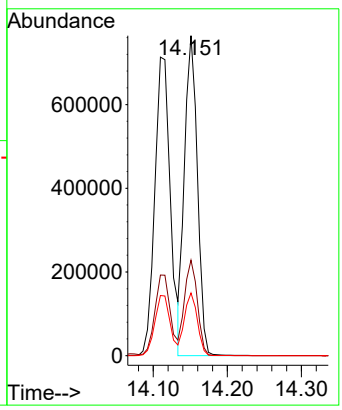





#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:228 Resp: 93054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.8 | 35.8 |
| 229 | 19.6 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
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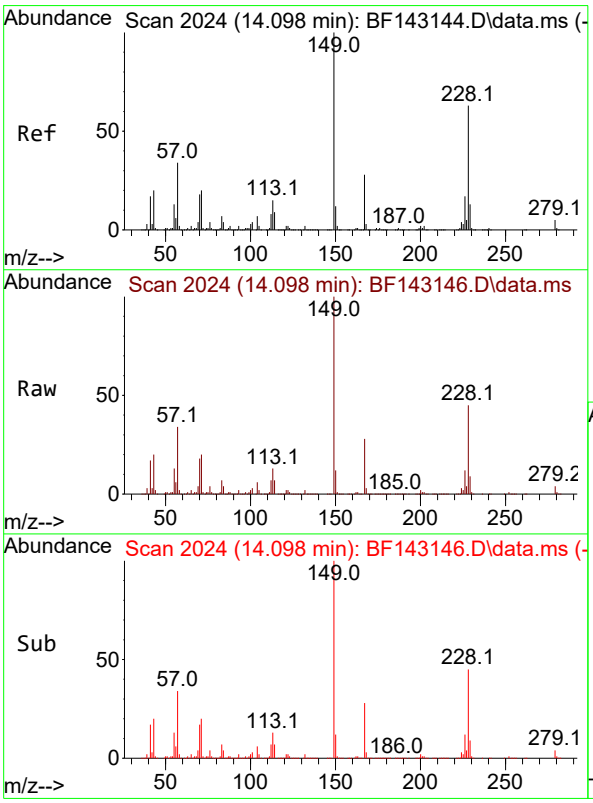
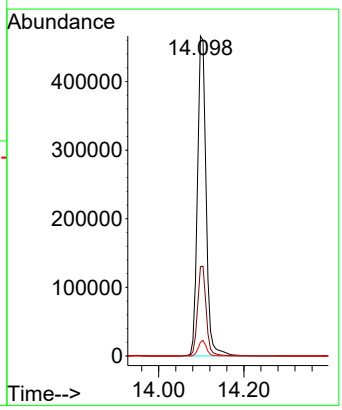
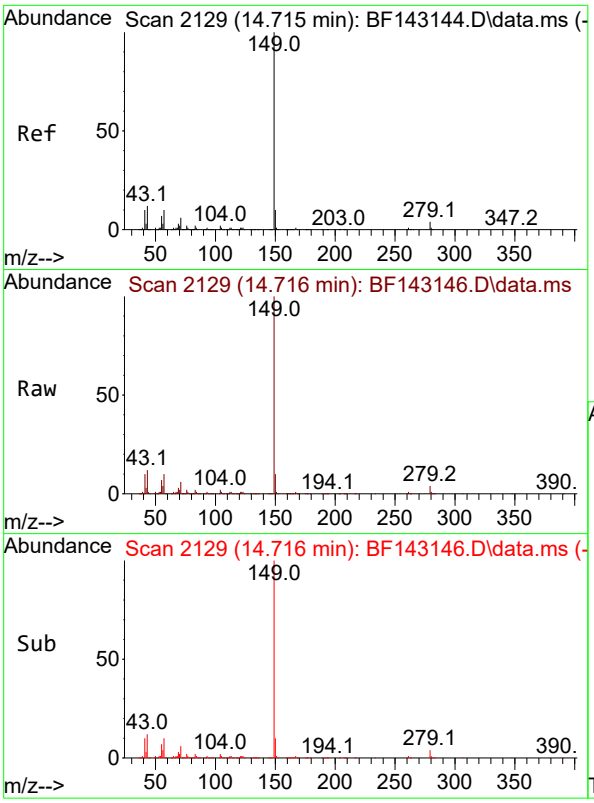



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |

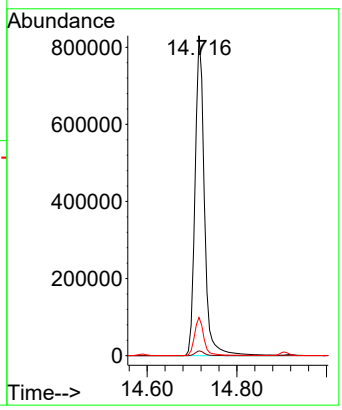





#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 119604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.0 | 9.7 | 14.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

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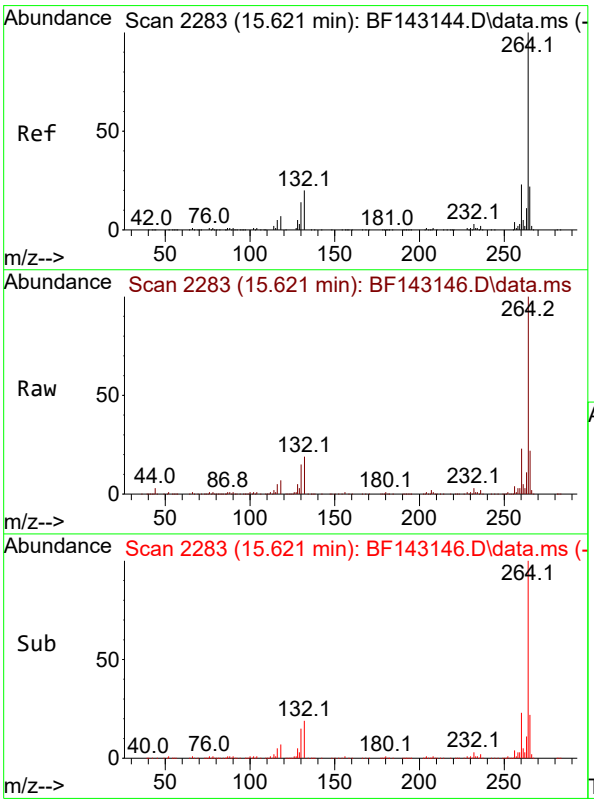
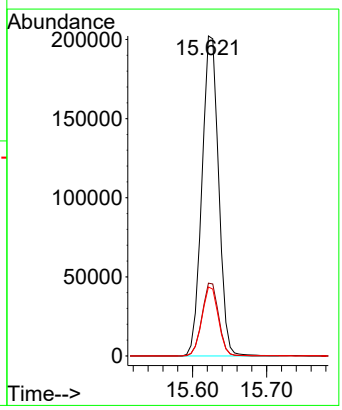
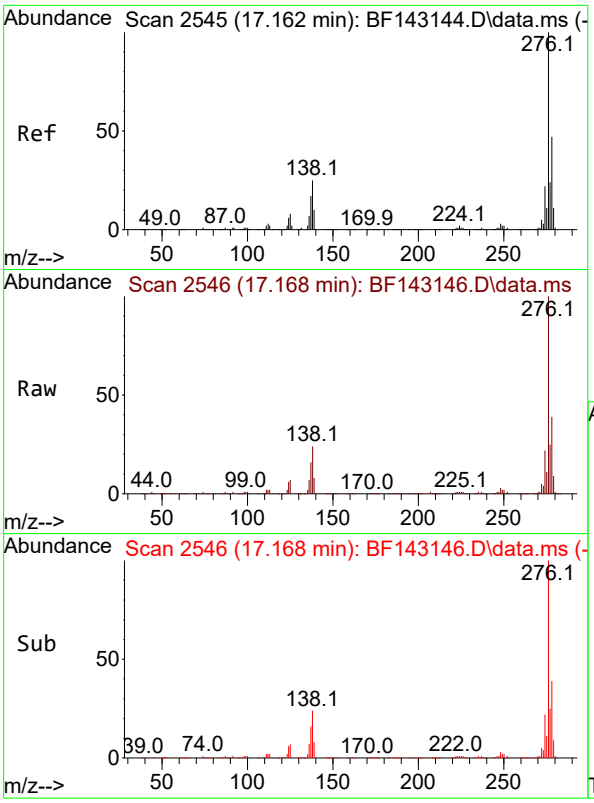



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.5 | 27.7 |
| 265 | 21.5 | 17.4 | 26.2 |

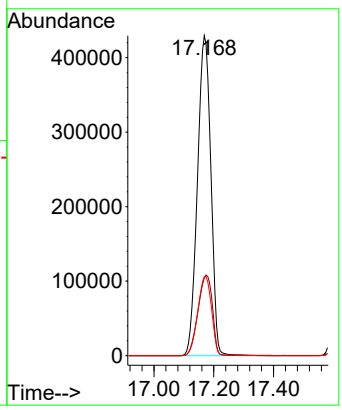





#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 133736

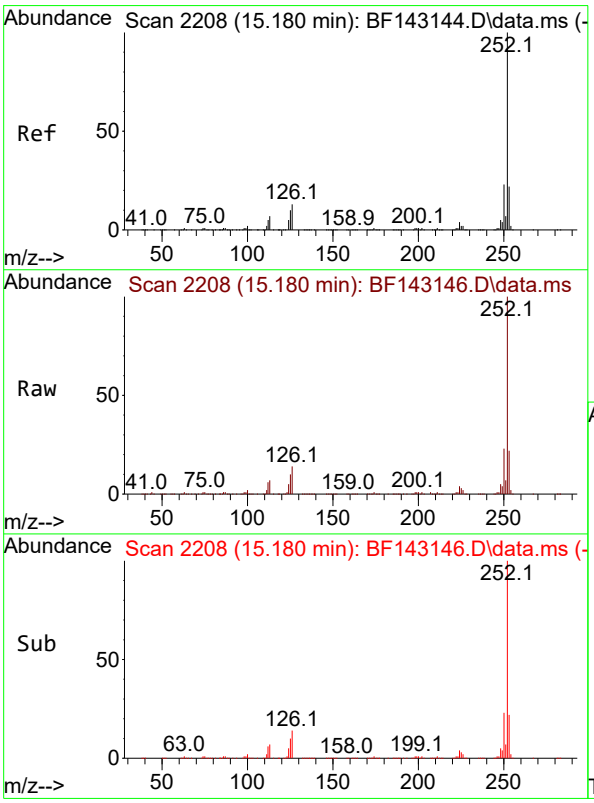
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.8 | 32.6 |
| 277 | 25.4 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

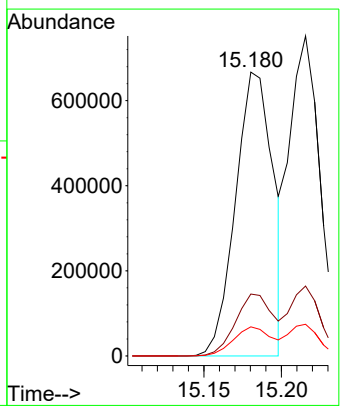
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

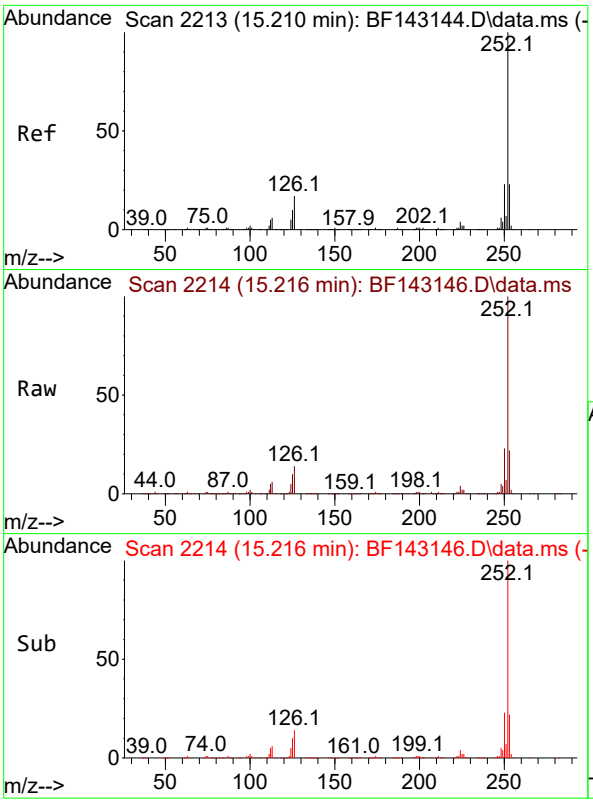



#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |

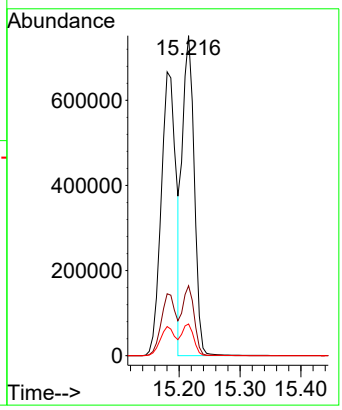





#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 102313

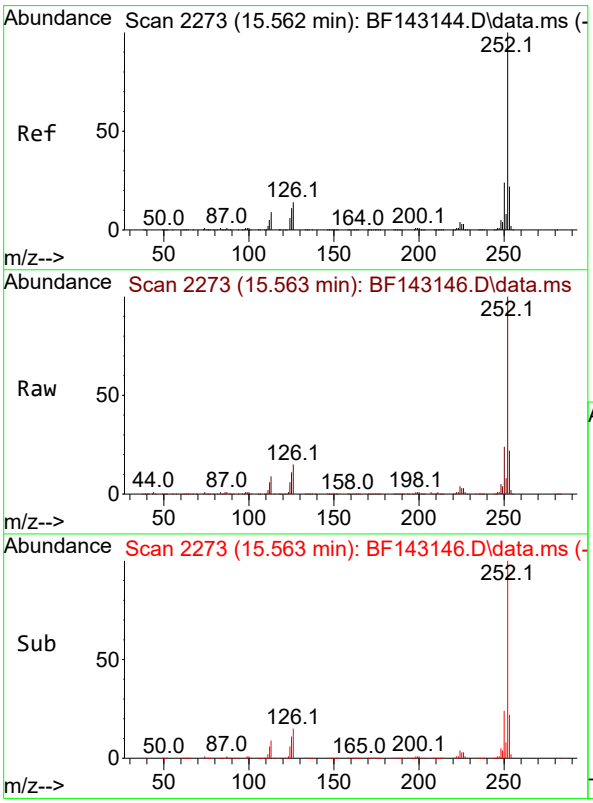
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.9 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

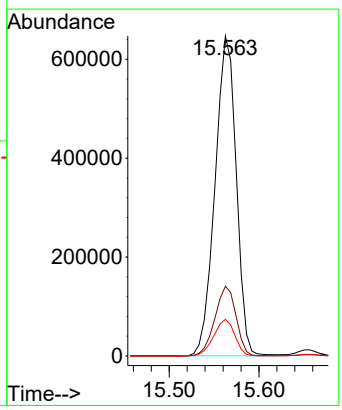
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

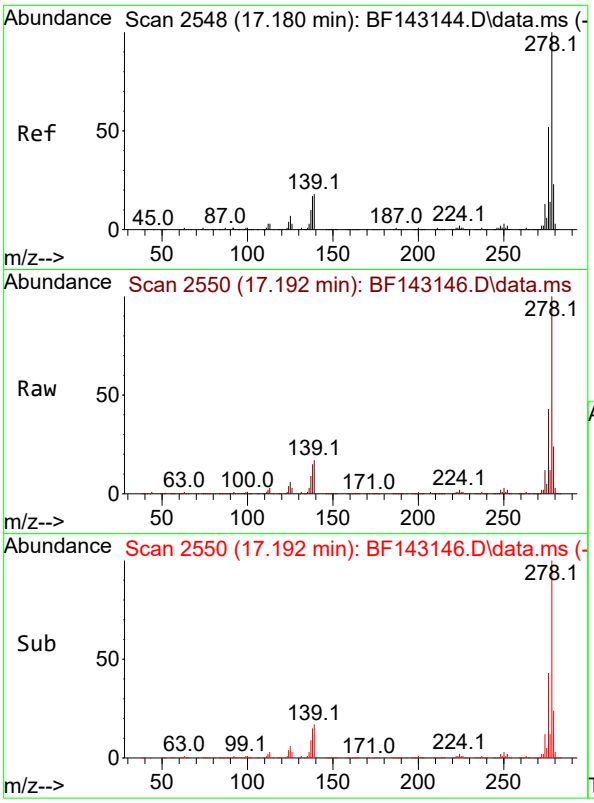



#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 11.5 | 8.6 | 13.0 |

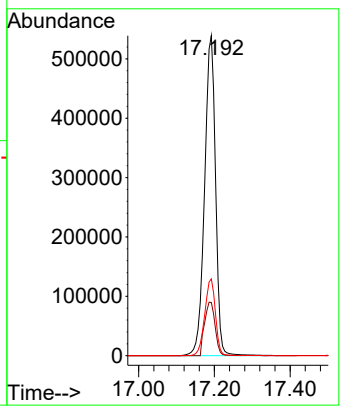





#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:278 Resp: 108076

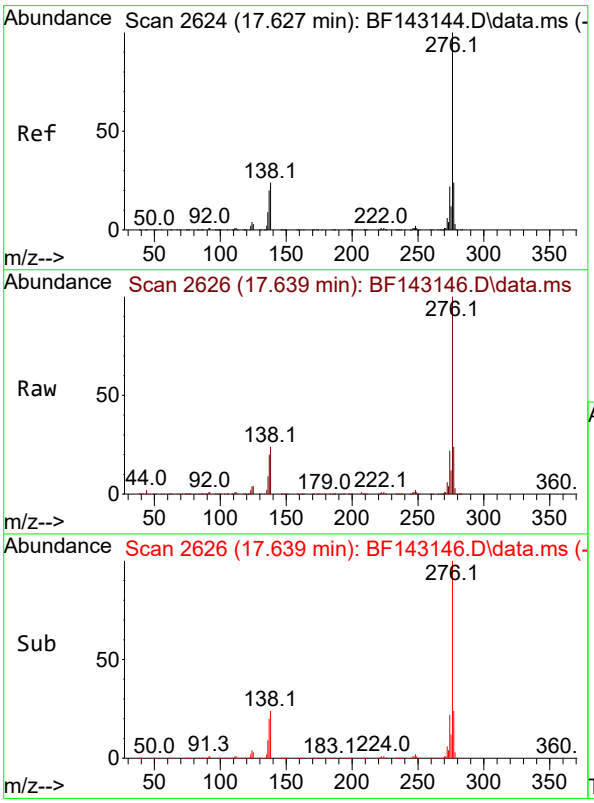
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 14.1 | 21.1 |
| 279 | 24.0 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

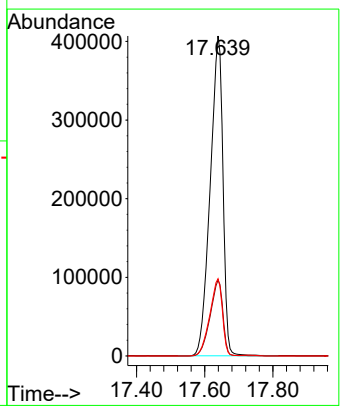
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.1 | 28.7 |
| 138 | 24.2 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 145034 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 544516 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 275619 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 429046 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 245351 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 296687 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 1300344 | 141.880 | ng | | 0.00 |
| 7) Phenol-d6 | 6.593 | 99 | 1639937 | 142.159 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.534 | 82 | 1644581 | 150.551 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 437054 | 153.498 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2623071 | 130.157 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 2202828 | 133.606 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 323993 | 74.710 | ng | | 99 |
| 3) Pyridine | 3.569 | 79 | 842446 | 74.844 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.528 | 42 | 445612 | 76.677 | ng | | 97 |
| 6) Aniline | 6.628 | 93 | 1170943 | 72.831 | ng | | 98 |
| 8) 2-Chlorophenol | 6.751 | 128 | 699193 | 72.781 | ng | | 99 |
| 9) Benzaldehyde | 6.516 | 77 | 493544 | 57.055 | ng | | 99 |
| 10) Phenol | 6.610 | 94 | 888041m | 70.663 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 697645 | 72.503 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 734699 | 70.400 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 739462 | 70.360 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 709300 | 70.958 | ng | | 100 |
| 15) Benzyl Alcohol | 7.104 | 79 | 661847 | 75.139 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 1265589 | 70.902 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 595477 | 73.719 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 266665 | 73.293 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.387 | 70 | 528820 | 71.452 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.369 | 107 | 673906 | 68.763 | ng | # | 87 |
| 22) Acetophenone | 7.375 | 105 | 890890 | 69.107 | ng | # | 95 |
| 24) Nitrobenzene | 7.551 | 77 | 751964 | 73.836 | ng | | 100 |
| 25) Isophorone | 7.792 | 82 | 1453353 | 75.366 | ng | | 99 |
| 26) 2-Nitrophenol | 7.863 | 139 | 364951 | 82.568 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.898 | 122 | 649144 | 72.050 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.992 | 93 | 834021 | 72.134 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.104 | 162 | 558665 | 73.527 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 588333 | 71.673 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1854387 | 69.150 | ng | | 100 |
| 32) Benzoic acid | 8.028 | 122 | 423625m | 79.801 | ng | | |
| 33) 4-Chloroaniline | 8.310 | 127 | 787243 | 71.895 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 368327 | 73.453 | ng | | 99 |
| 35) Caprolactam | 8.698 | 113 | 178271 | 77.644 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 614048 | 74.354 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 1137176 | 69.687 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 1168702 | 69.550 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 568070 | 71.389 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.122 | 237 | 412756 | 79.719 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 412148 | 74.838 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 423565 | 76.888 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.428 | 154 | 1492094 | 69.388 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 1131626 | 71.122 | ng | | 100 |
| 48) 2-Nitroaniline | 9.534 | 65 | 404023 | 80.971 | ng | | 96 |
| 49) Acenaphthylene | 9.869 | 152 | 1868062 | 70.057 | ng | | 100 |
| 50) Dimethylphthalate | 9.728 | 163 | 1288559 | 71.723 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.781 | 165 | 292718 | 80.093 | ng | | 99 |
| 52) Acenaphthene | 10.039 | 154 | 1120315 | 71.086 | ng | | 99 |
| 53) 3-Nitroaniline | 9.951 | 138 | 333980 | 78.128 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 133446 | 80.516 | ng | # | 40 |
| 55) Dibenzofuran | 10.210 | 168 | 1615399 | 69.038 | ng | | 99 |
| 56) 4-Nitrophenol | 10.098 | 139 | 252698 | 79.161 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.186 | 165 | 376124 | 82.029 | ng | | 96 |
| 58) Fluorene | 10.551 | 166 | 1197731 | 68.203 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 340118 | 74.533 | ng | | 100 |
| 60) Diethylphthalate | 10.422 | 149 | 1276217 | 71.870 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 614962 | 70.326 | ng | | 99 |
| 62) 4-Nitroaniline | 10.569 | 138 | 291926 | 79.680 | ng | | 98 |
| 63) Azobenzene | 10.704 | 77 | 1318720 | 71.255 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 186415 | 78.948 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.663 | 169 | 1087990 | 72.014 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 382122 | 74.734 | ng | | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 399107 | 74.680 | ng | | 96 |
| 69) Atrazine | 11.180 | 200 | 324126 | 77.819 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 257176 | 81.829 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 1602208 | 70.331 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 1641264 | 70.640 | ng | | 100 |
| 73) Carbazole | 11.710 | 167 | 1435444 | 70.754 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1699503 | 74.034 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1498103 | 71.645 | ng | | 99 |
| 78) Pyrene | 12.927 | 202 | 1466205 | 70.021 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 521631 | 81.353 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 1212056 | 73.788 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 393448 | 71.867 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 1105636 | 74.863 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 774366 | 79.790 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 1434055 | 81.519 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.174 | 276 | 1604969 | 76.718 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 1438518 | 79.367 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 1111726 | 68.737 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 1269253 | 76.006 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 1289789 | 75.746 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 1265778 | 76.846 | ng | | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

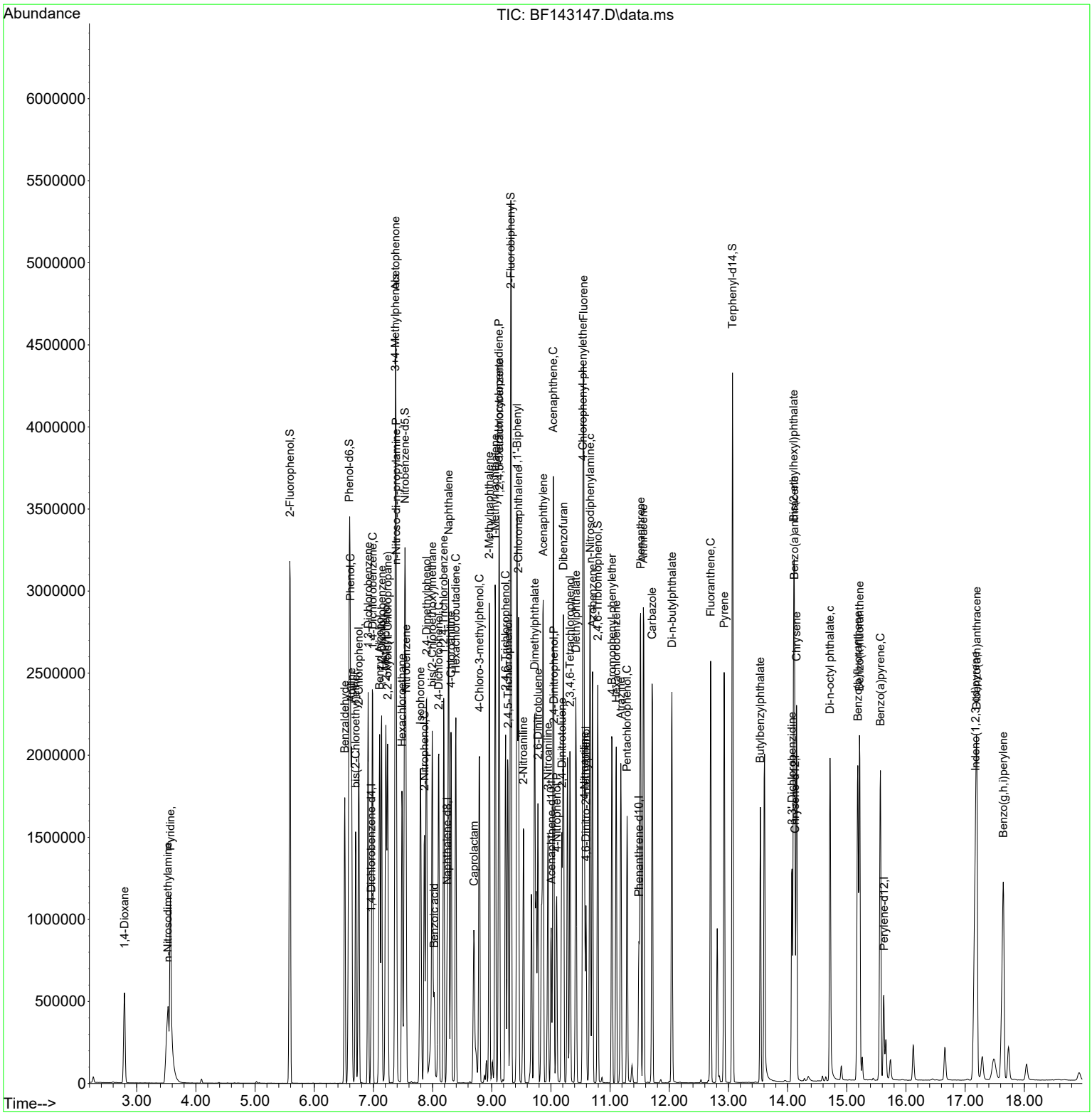
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

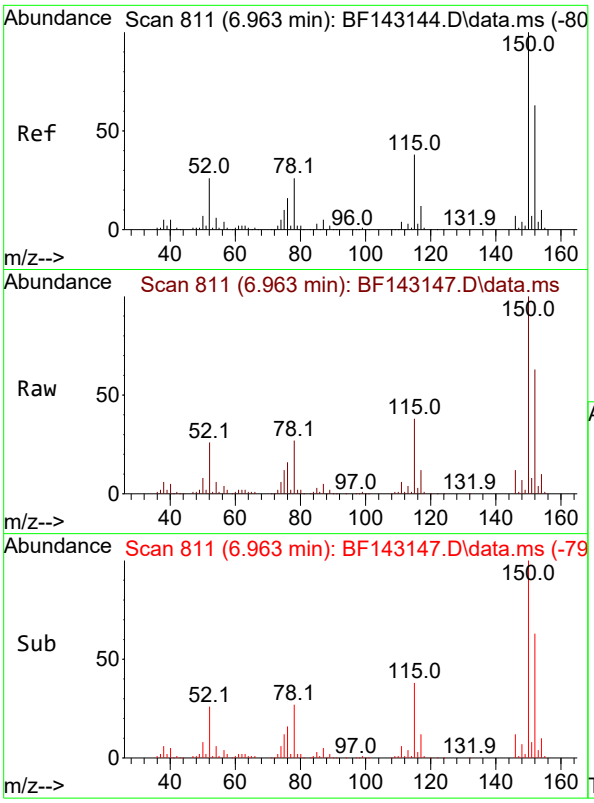
Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

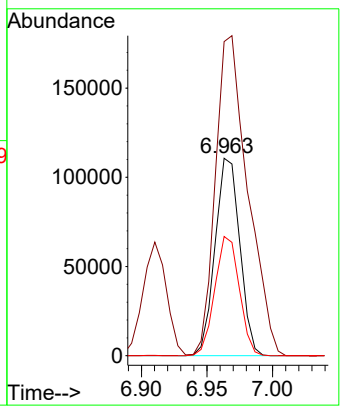





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 14503

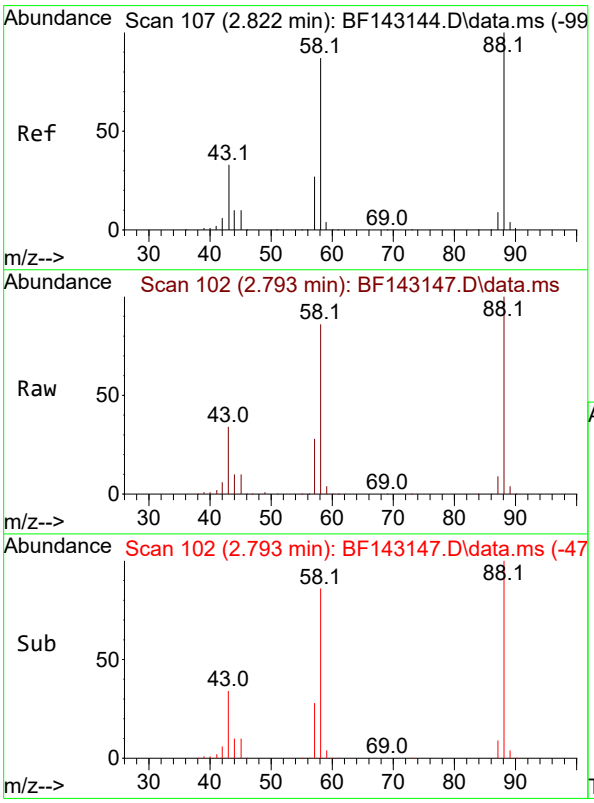
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 128.2 | 192.4 |
| 115 | 60.4 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

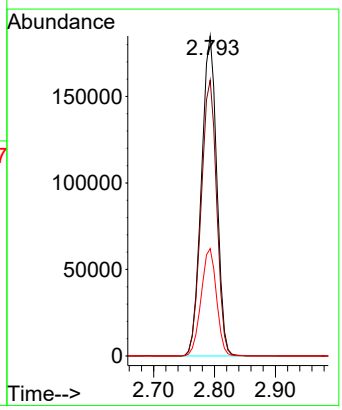
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

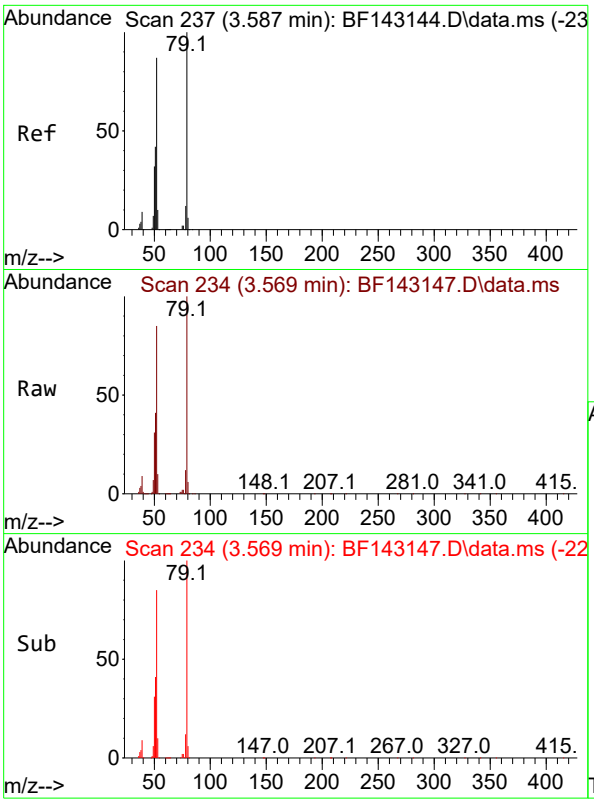



#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.8 | 70.2 | 105.2 |
| 43 | 33.6 | 27.1 | 40.7 |

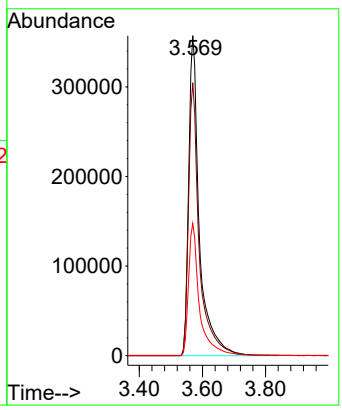





#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 84244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.3 | 69.4 | 104.2 |
| 51 | 41.4 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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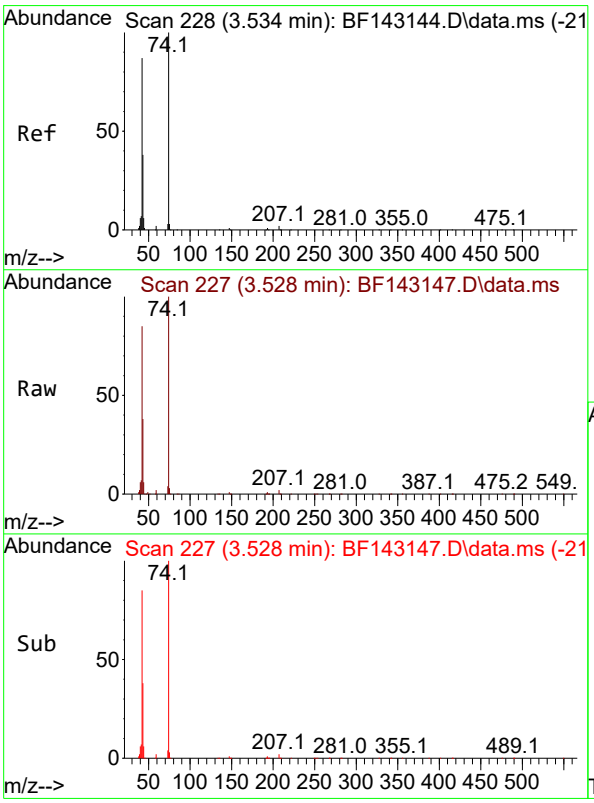
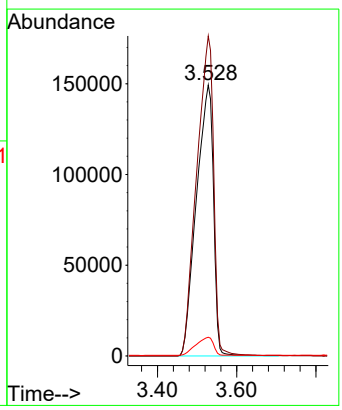
Supervised By :Jagrut Upadhyay 07/18/2025

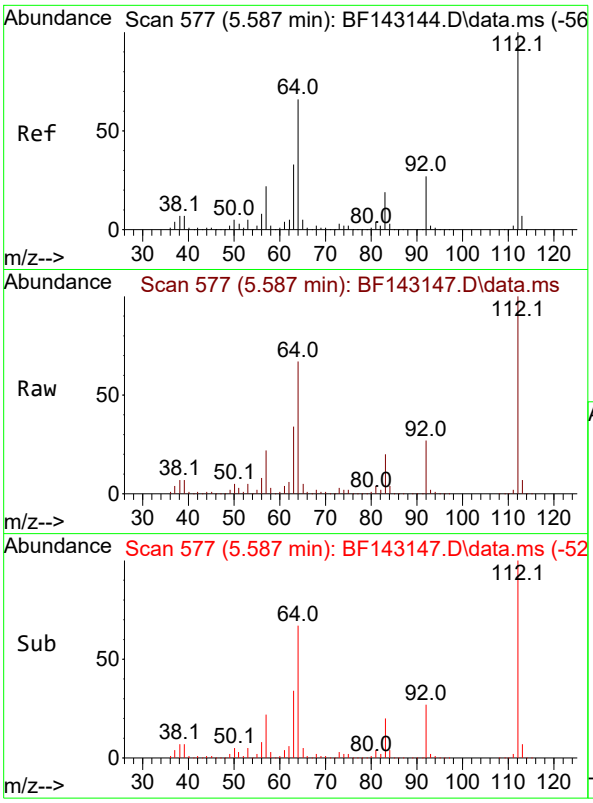



#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.0 | 91.7 | 137.5 |
| 44 | 6.9 | 5.6 | 8.4 |

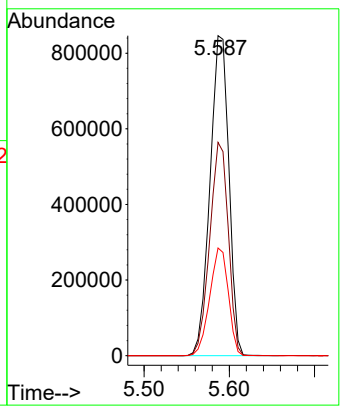





#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:112 Resp: 130034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 53.1 | 79.7 |
| 63 | 33.6 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
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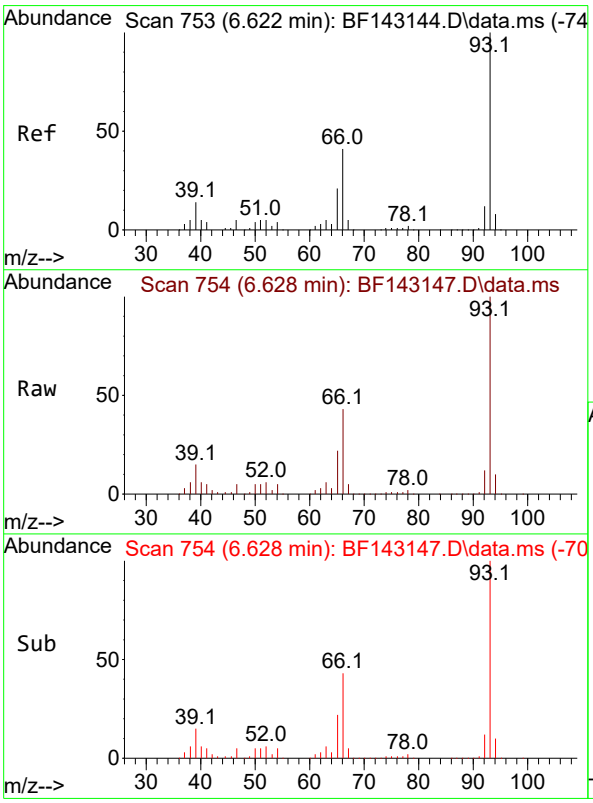
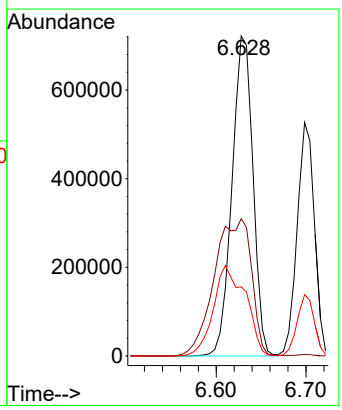
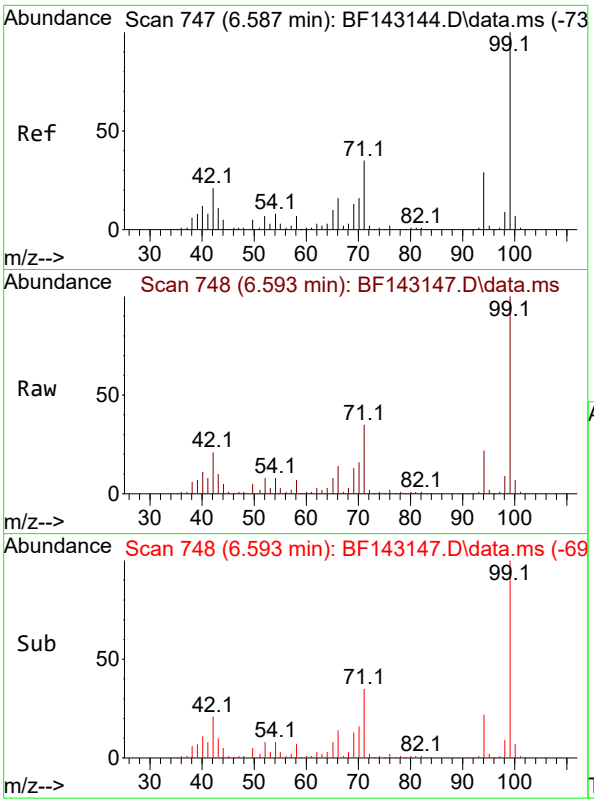



#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.9 | 33.2 | 49.8 |
| 65 | 21.6 | 16.9 | 25.3 |

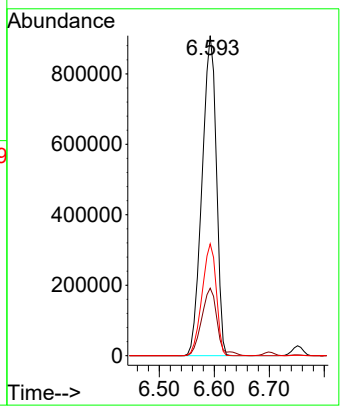





#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 99 Resp: 163993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.1 | 17.0 | 25.6 |
| 71 | 35.0 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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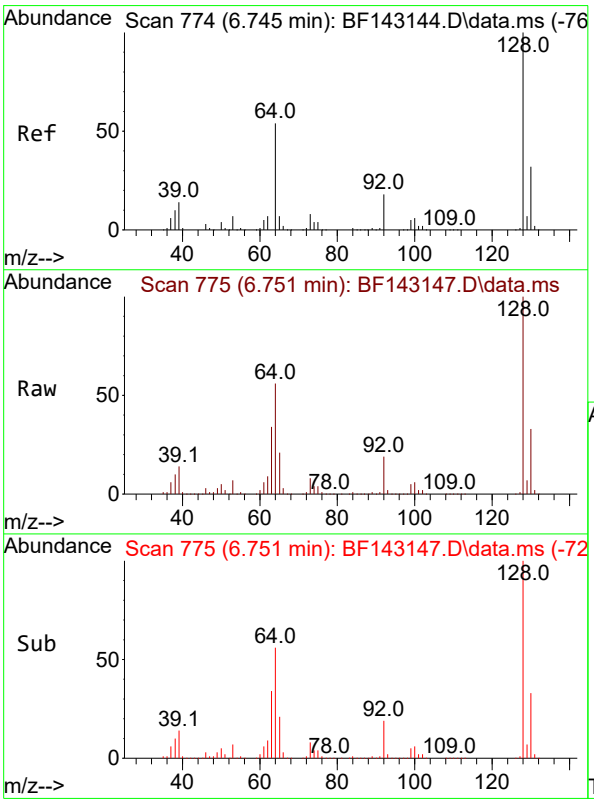
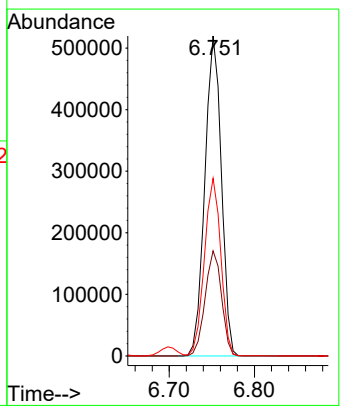
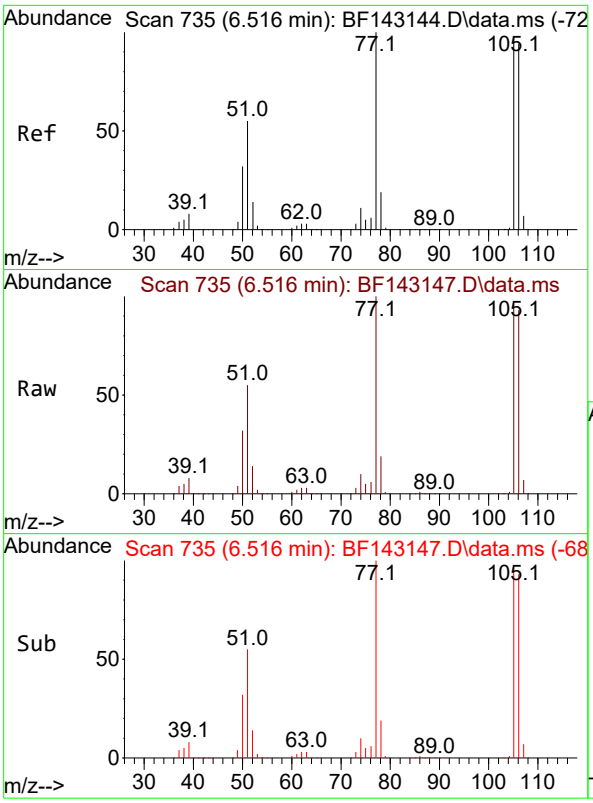



#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 55.5 | 35.9 | 75.9 |

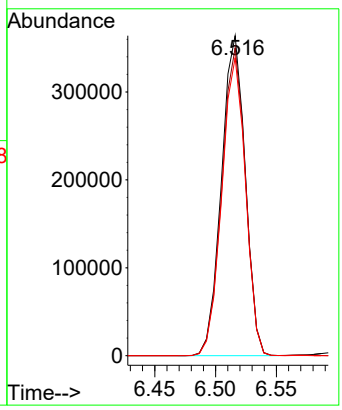





#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 49354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.2 | 76.8 | 116.8 |
| 106 | 93.1 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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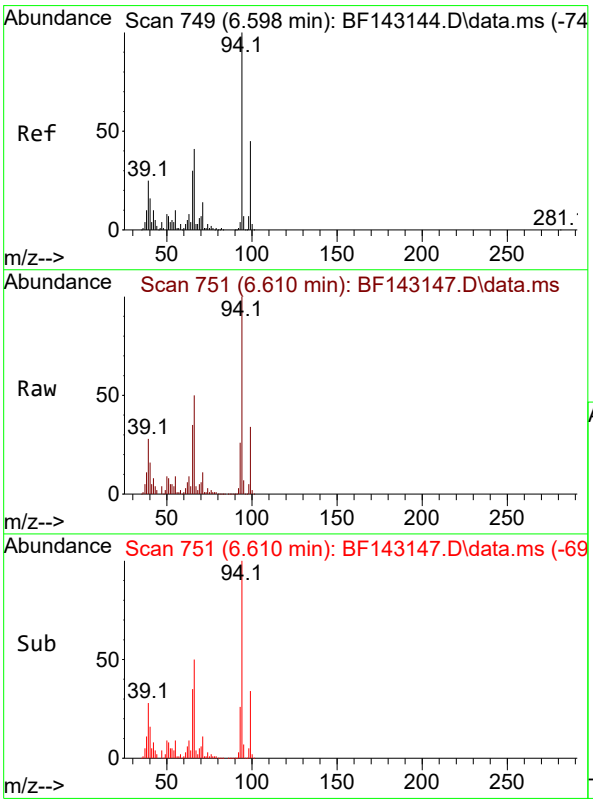
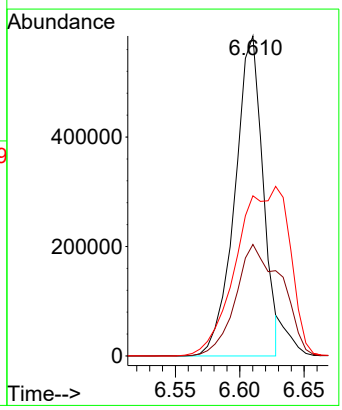
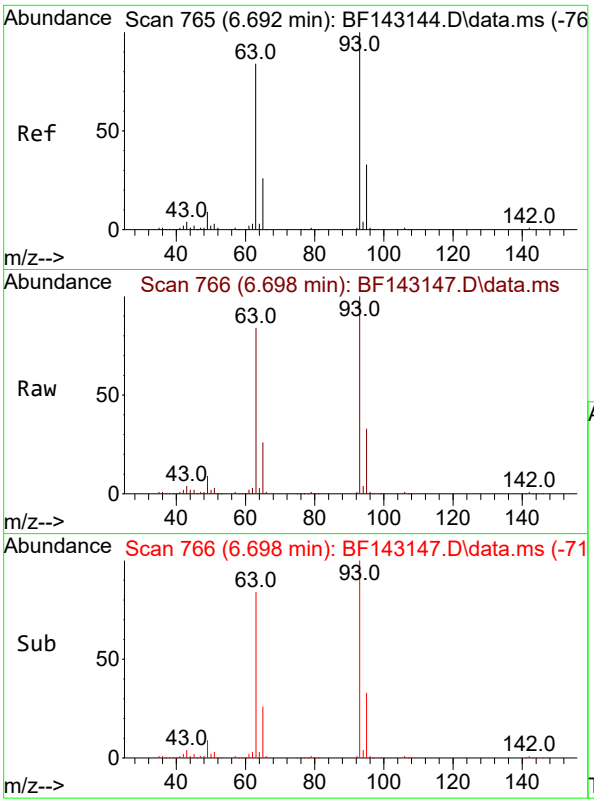



#10
Phenol
Concen: 70.663 ng m
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 888041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.9 | 10.0 | 50.0 |
| 66 | 50.1 | 20.8 | 60.8 |

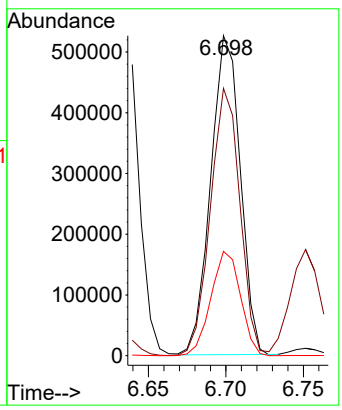





#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 69764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.6 | 63.4 | 103.4 |
| 95 | 32.6 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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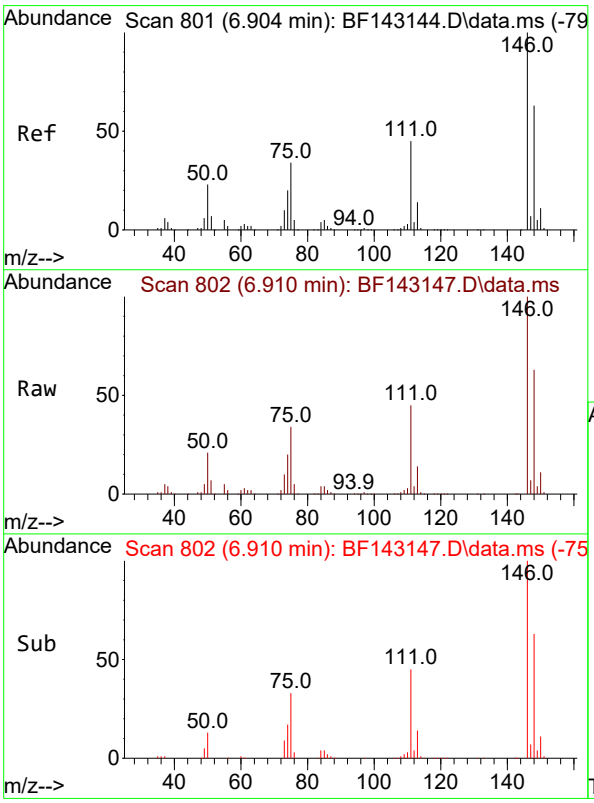
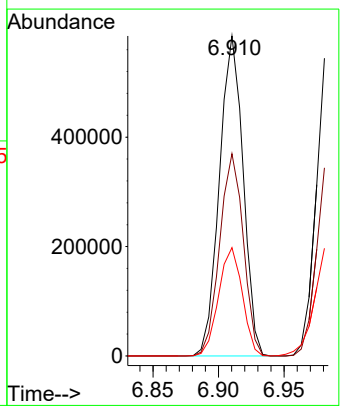
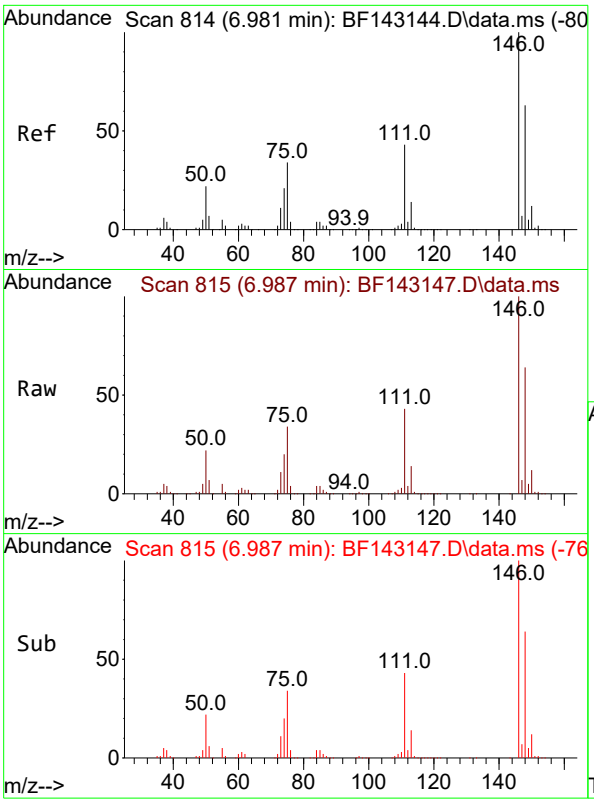



#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.6 | 76.0 |
| 75 | 33.9 | 27.4 | 41.2 |

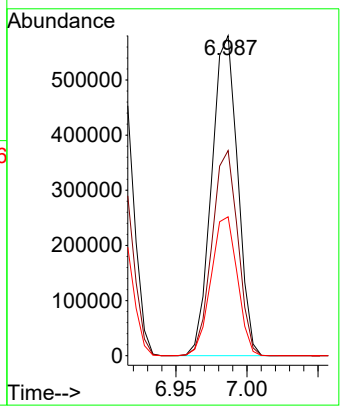





#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 73946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.3 | 75.5 |
| 111 | 43.4 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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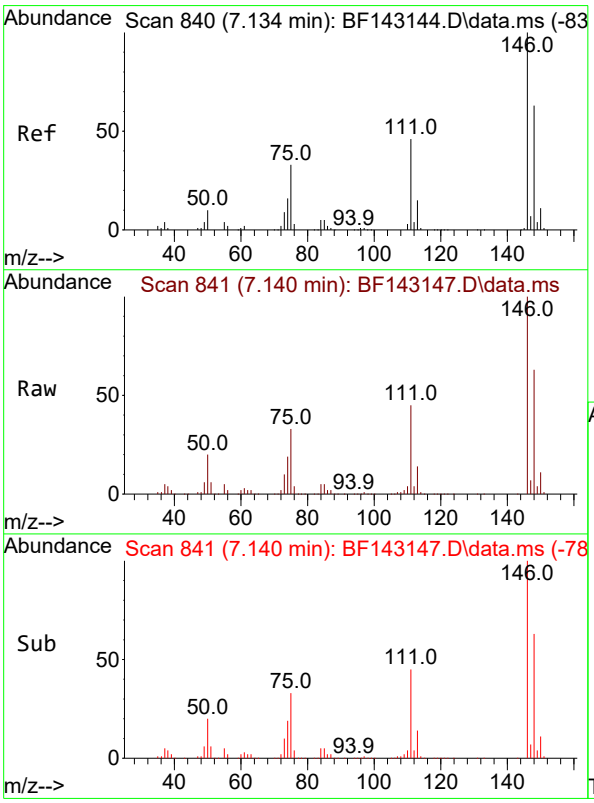
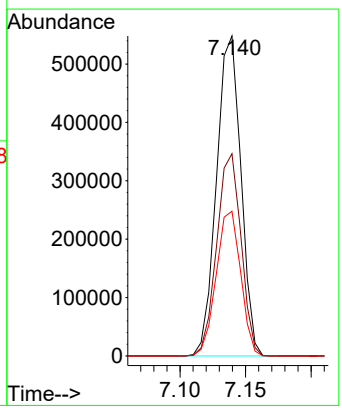
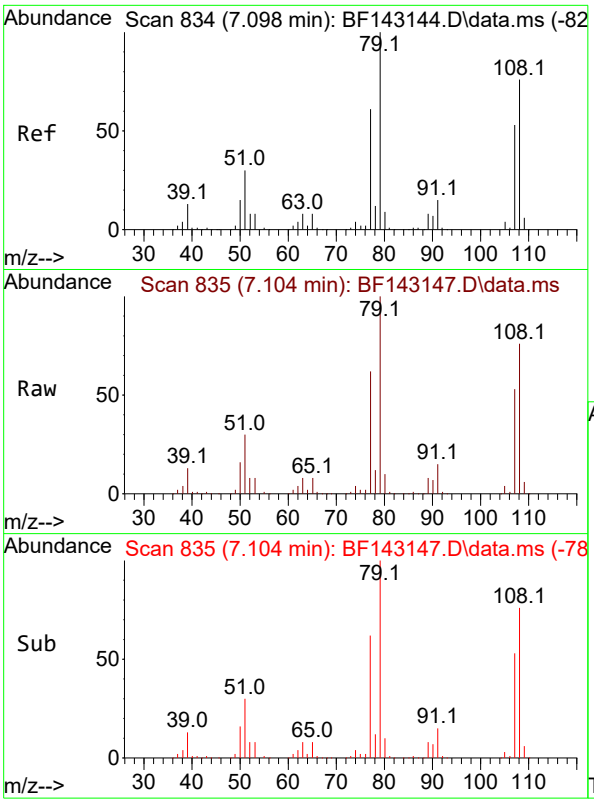



#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.7 | 76.1 |
| 111 | 45.3 | 36.6 | 54.8 |

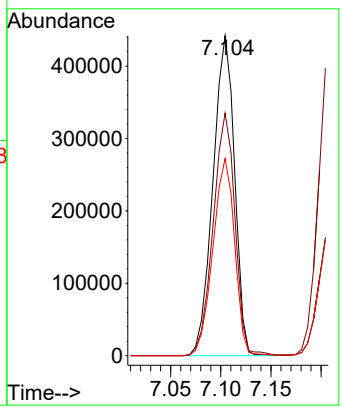





#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 79 Resp: 66184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.8 | 61.1 | 91.7 |
| 77 | 61.6 | 48.9 | 73.3 |




**Instrument :**
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**ClientSampleId :**
SSTDICC080

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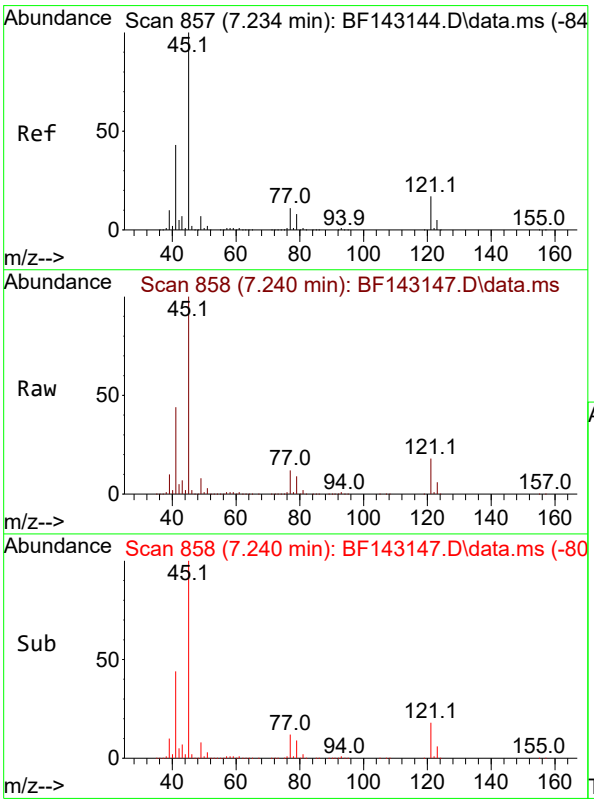
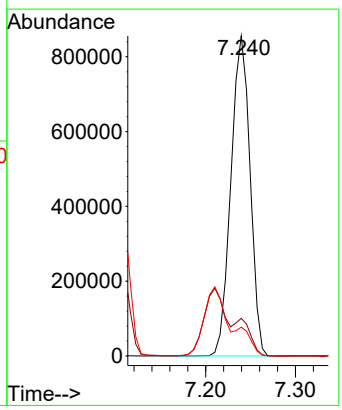
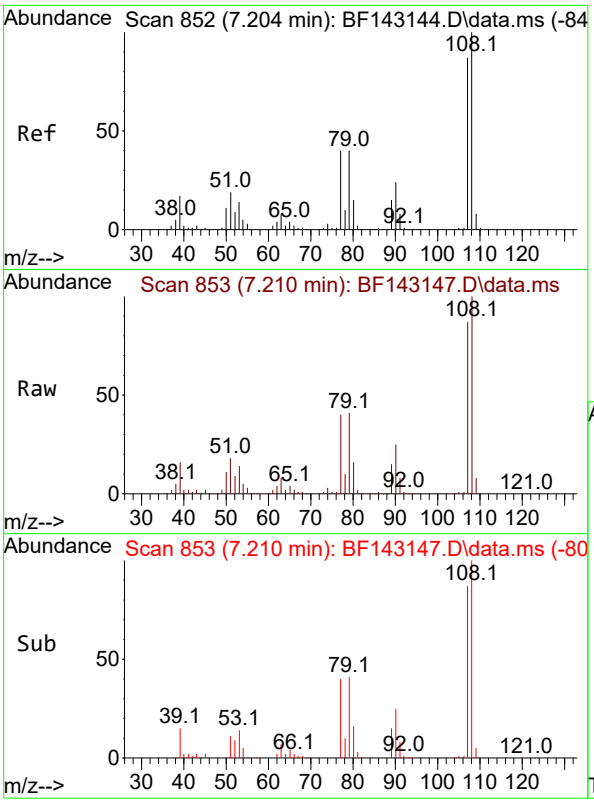



#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.8 | 0.0 | 31.2 |
| 79 | 9.0 | 0.0 | 28.5 |

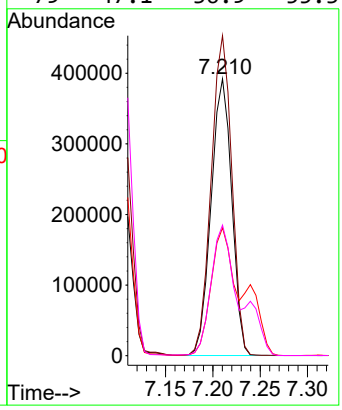





#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 59547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 91.8 | 137.6 |
| 77 | 46.2 | 37.0 | 55.6 |
| 79 | 47.1 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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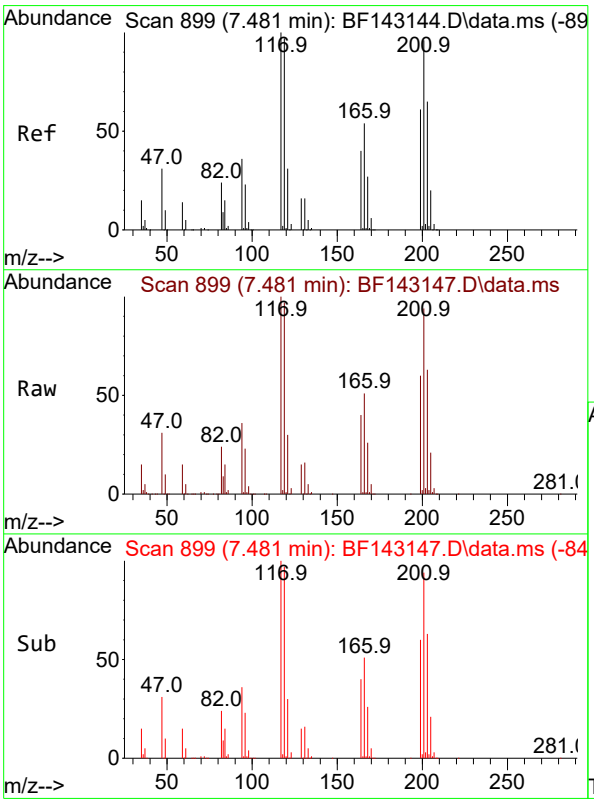
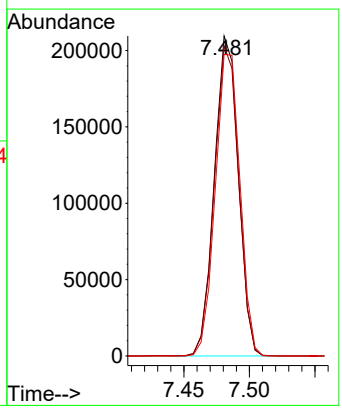
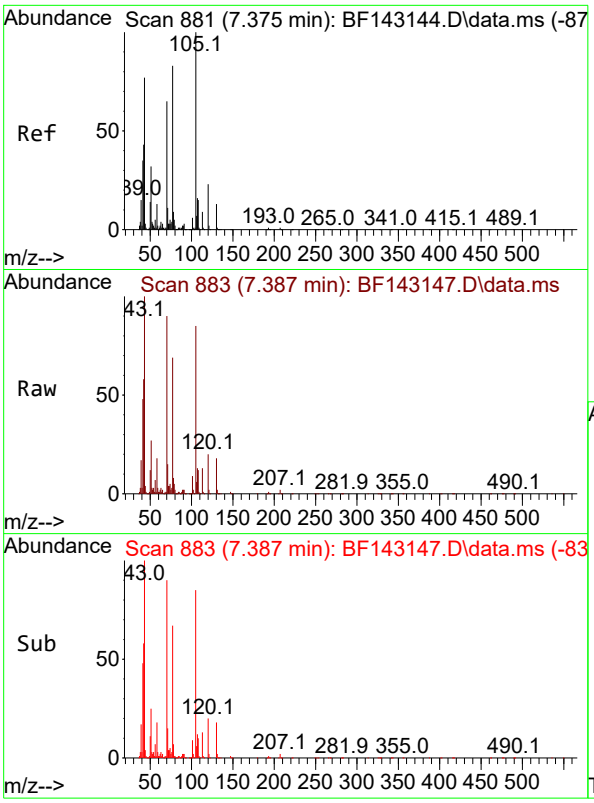



#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.8 | 116.8 |
| 201 | 94.3 | 77.0 | 115.4 |

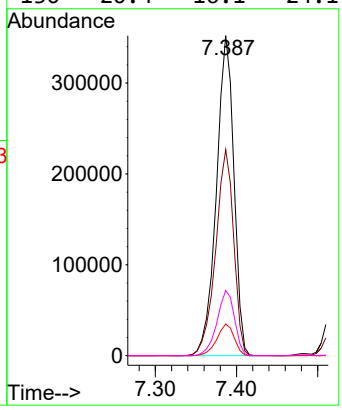





#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 70 Resp: 52882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.4 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.4 | 16.1 | 24.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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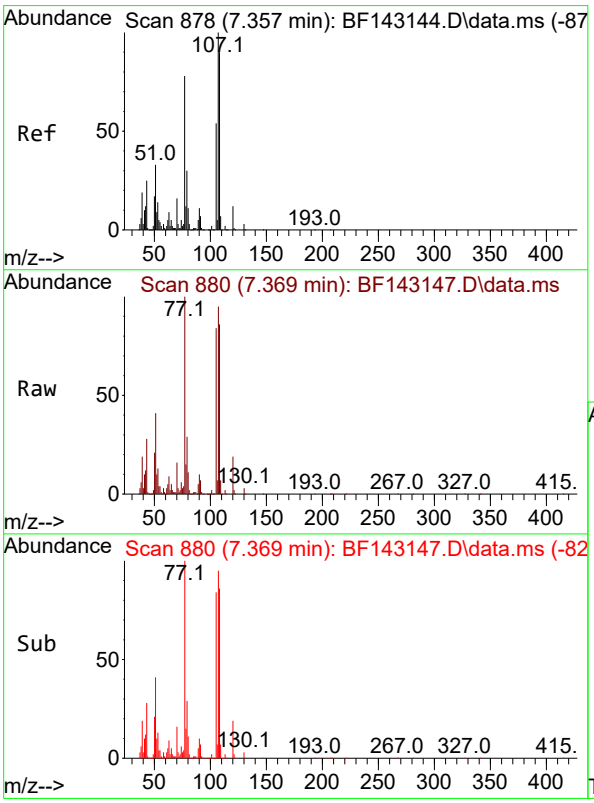
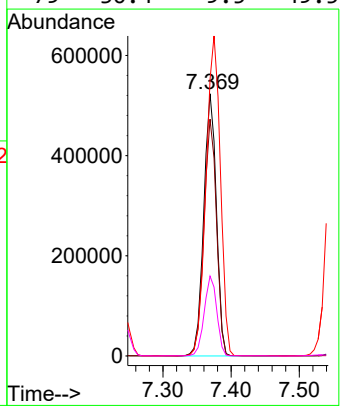
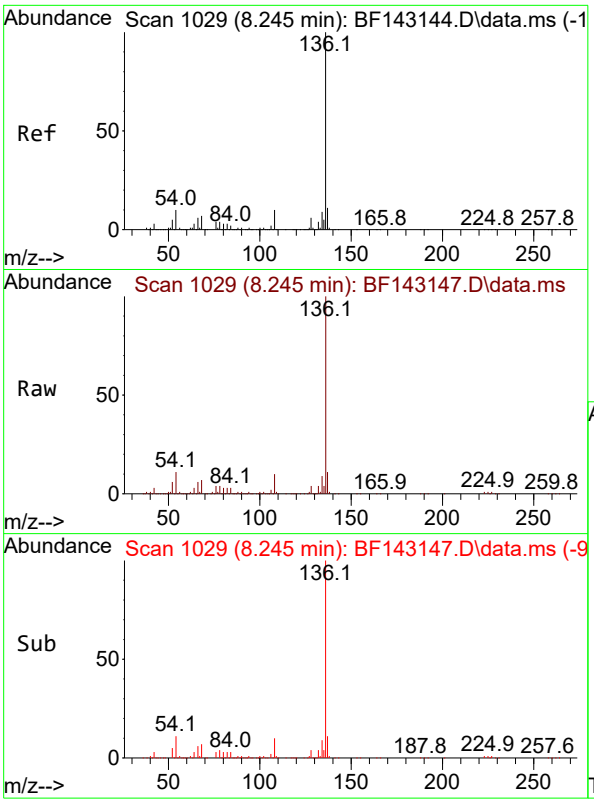



#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 70.0 | 110.0 |
| 77 | 105.4 | 57.8 | 97.8# |
| 79 | 30.4 | 9.5 | 49.5 |

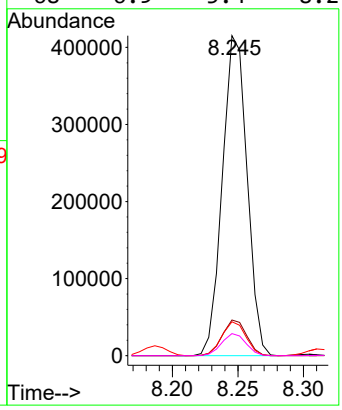





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:136 Resp: 54451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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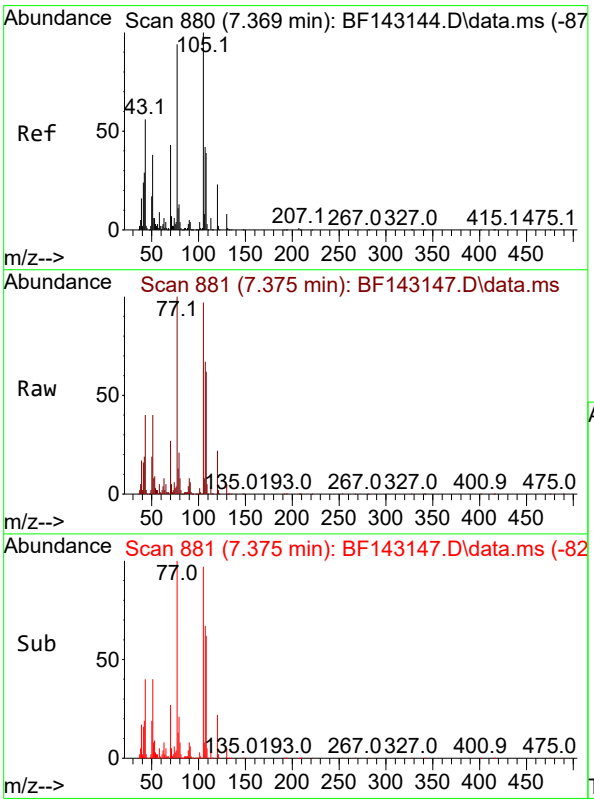
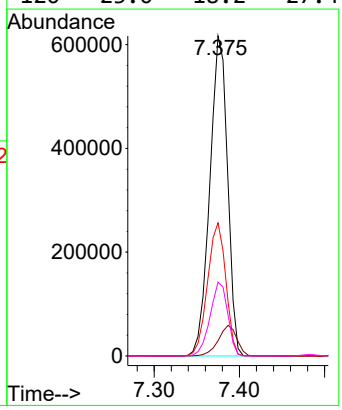
Supervised By :Jagrut Upadhyay 07/18/2025

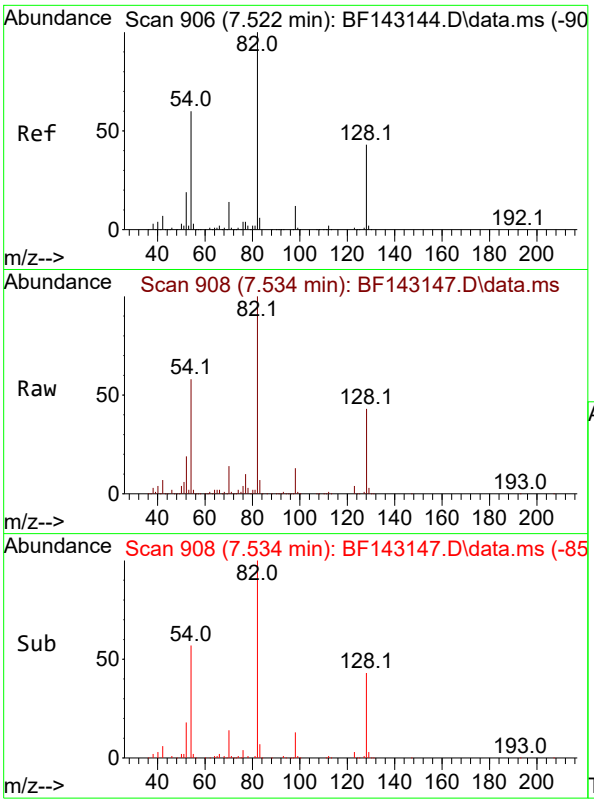



#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 5.8 | 8.6# |
| 51 | 41.6 | 30.2 | 45.2 |
| 120 | 23.0 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 82 Resp: 164458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 33.6 | 50.4 |
| 54 | 57.5 | 47.1 | 70.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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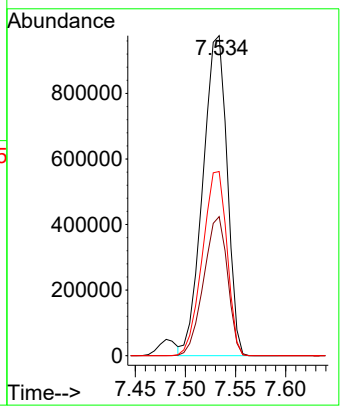
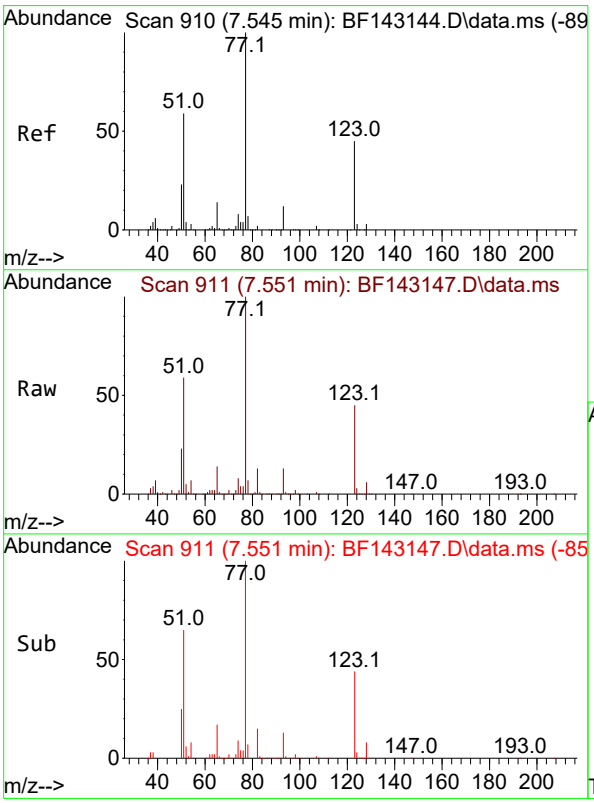
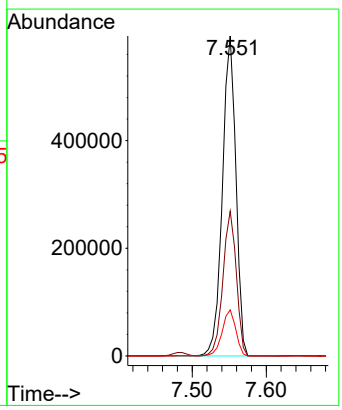


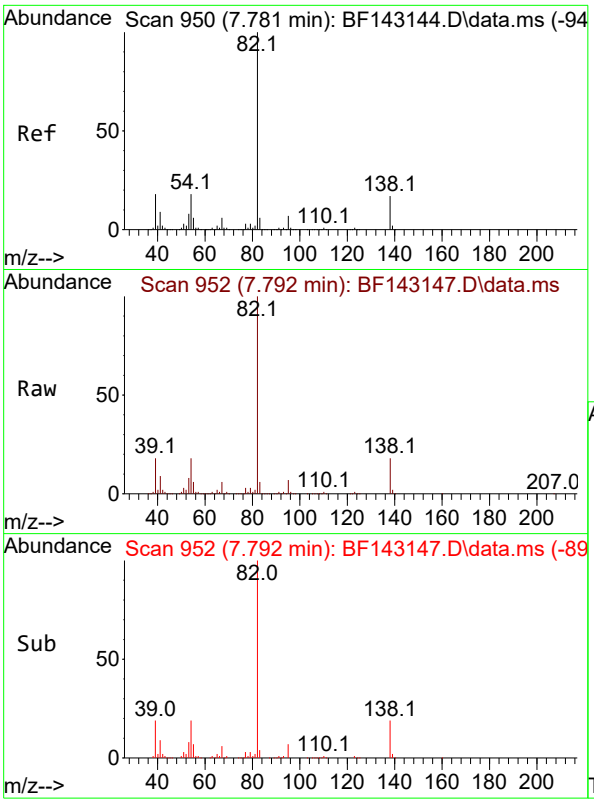




#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.2 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |






#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 82 Resp: 145335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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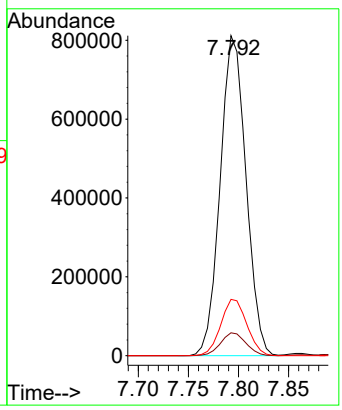
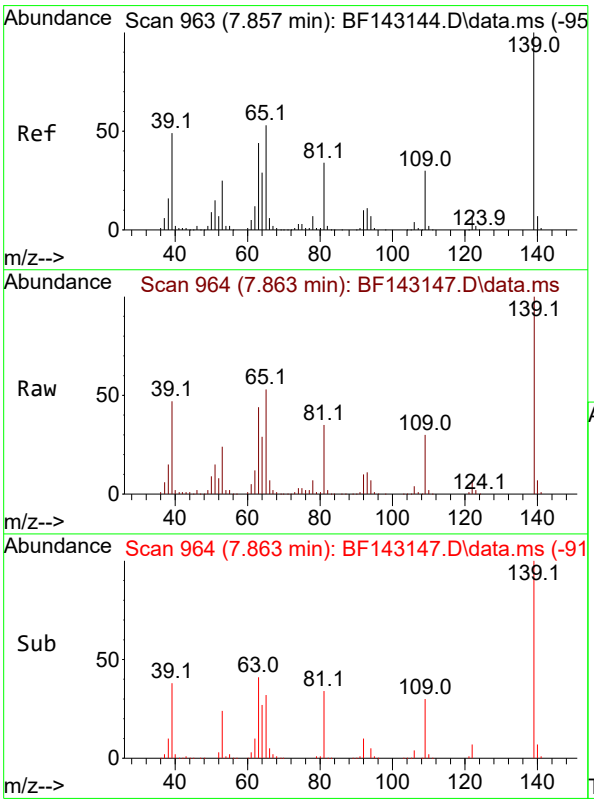
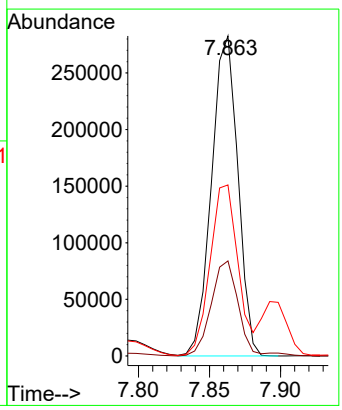


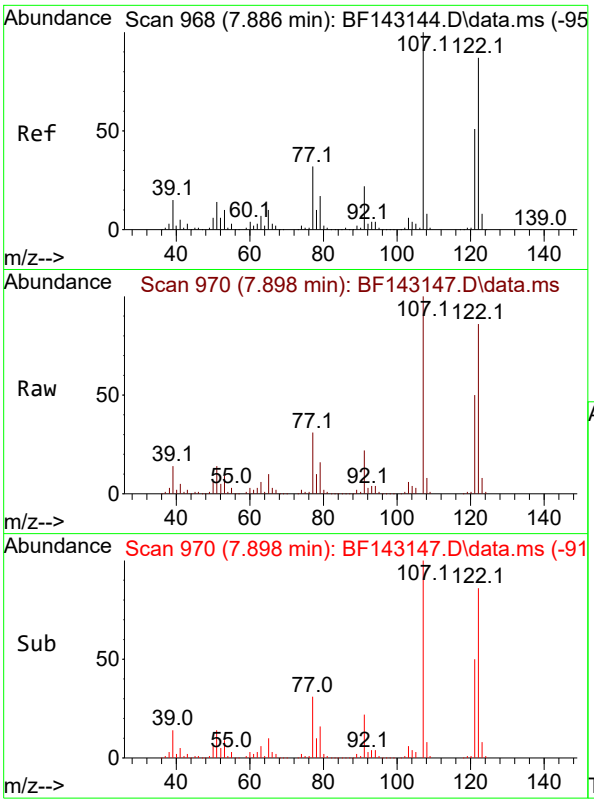




#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.7 | 23.6 | 35.4 |
| 65 | 53.4 | 42.6 | 64.0 |

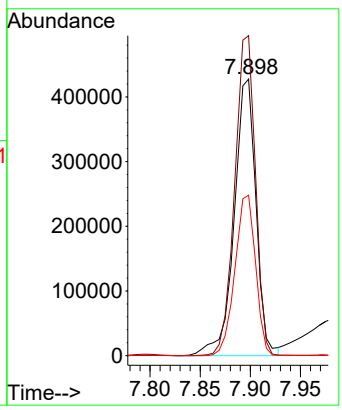





#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 64914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 91.8 | 137.6 |
| 121 | 58.0 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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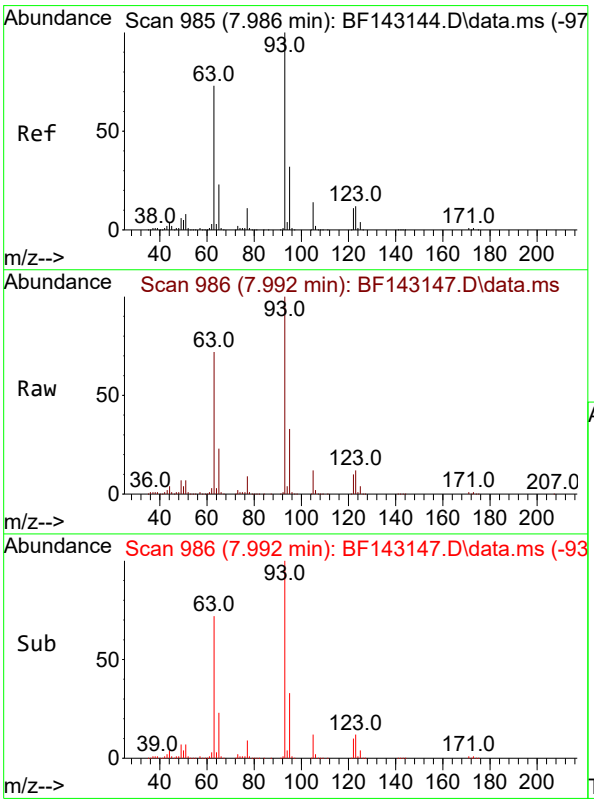
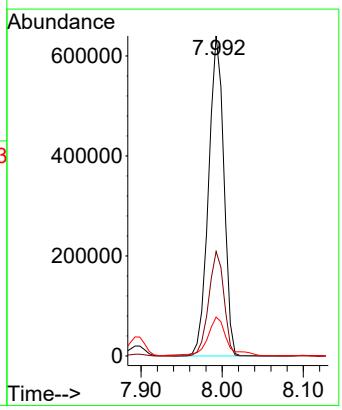
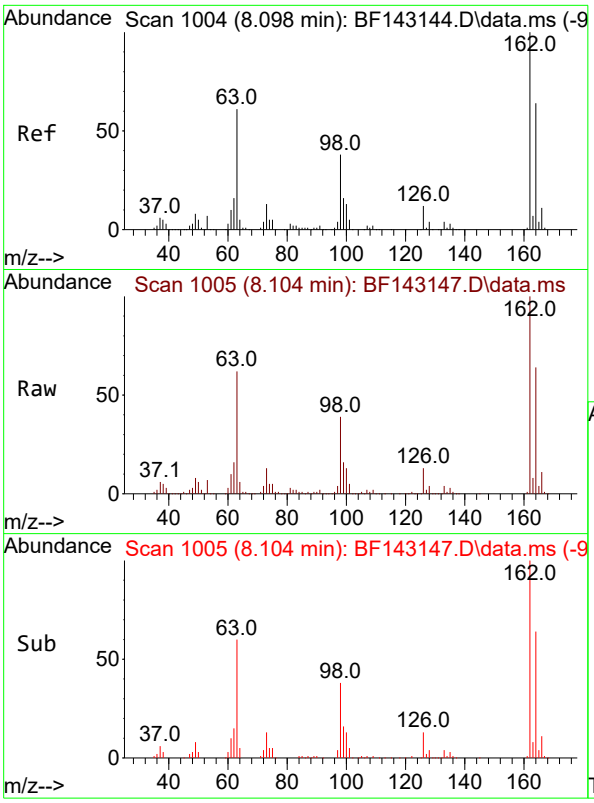



#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |

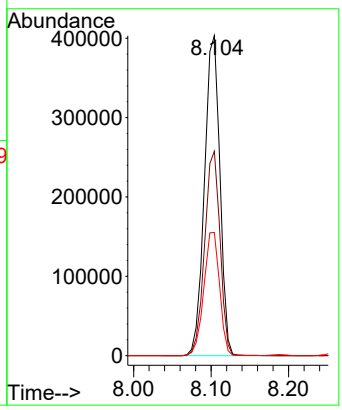





#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 55866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.9 | 44.2 | 84.2 |
| 98 | 38.5 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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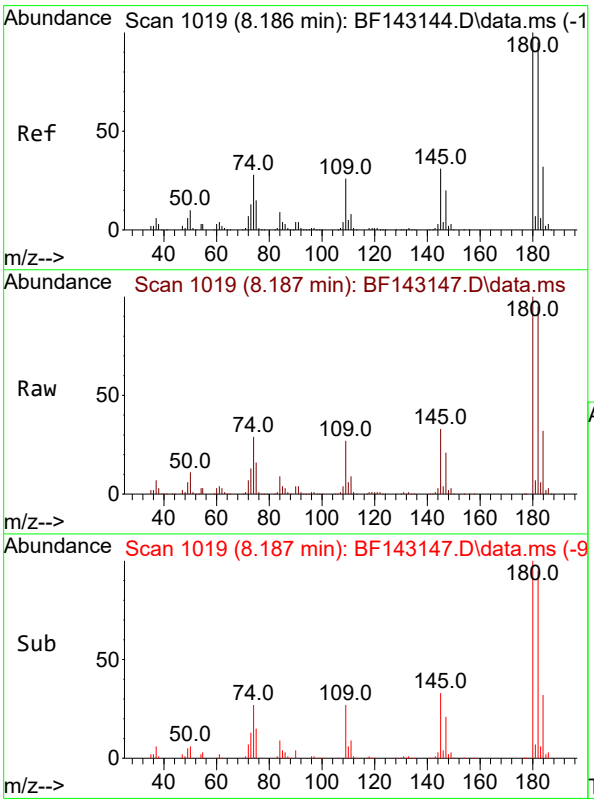
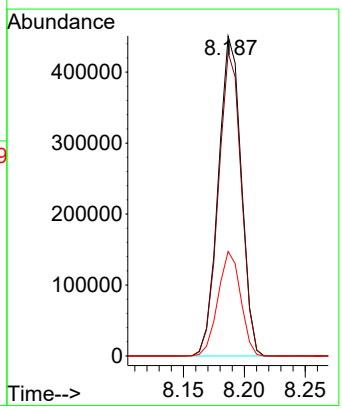
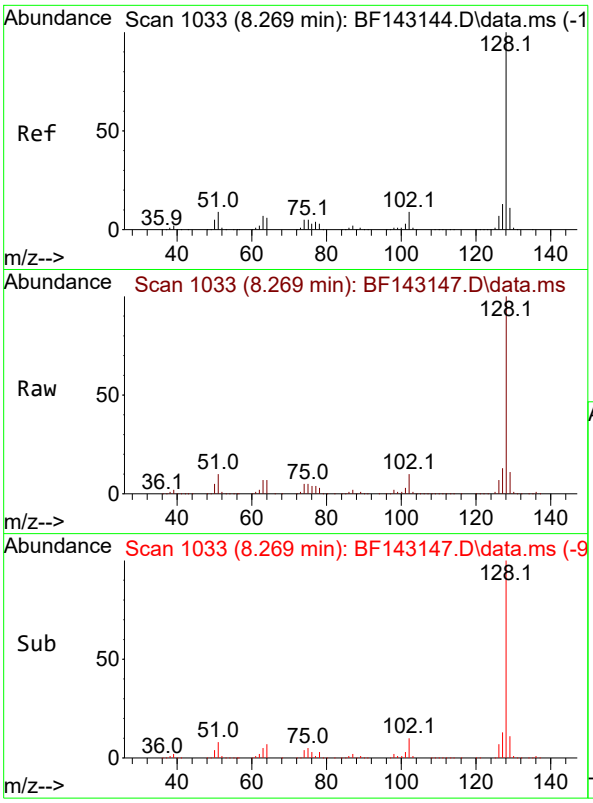



#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 76.2 | 114.2 |
| 145 | 32.7 | 25.0 | 37.6 |

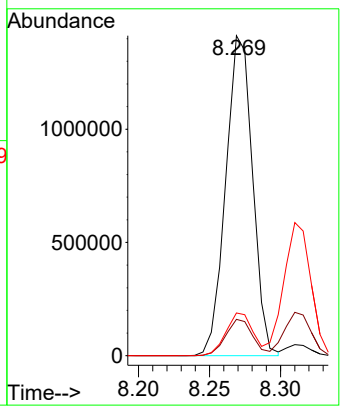





#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 185438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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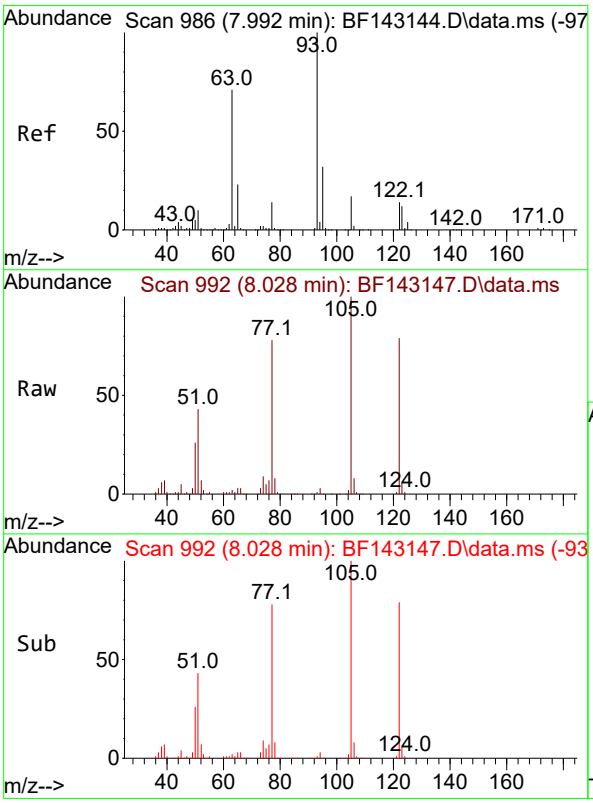
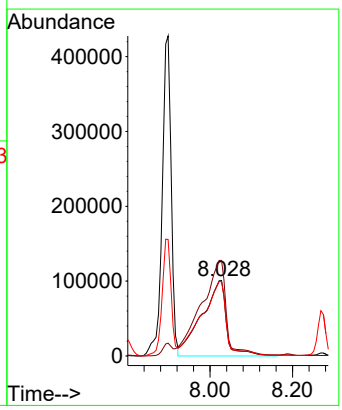
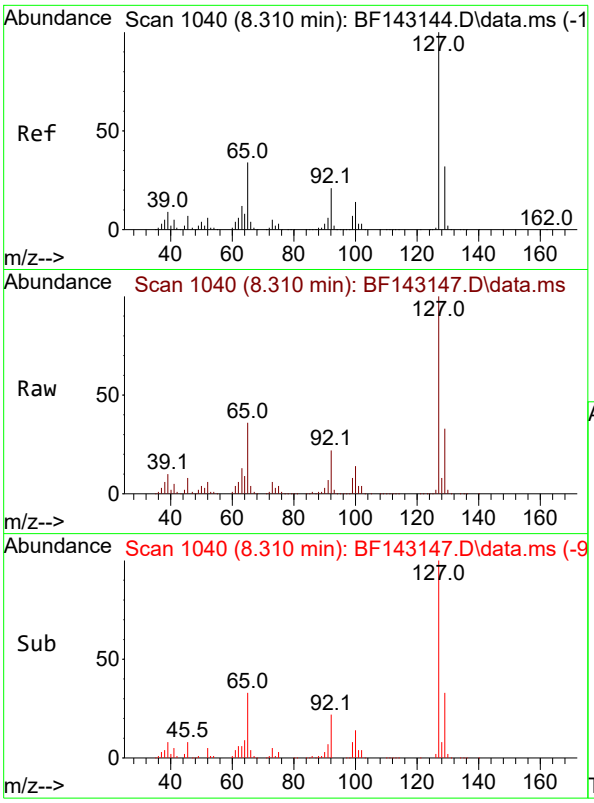



#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 423625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.7 | 104.8 | 144.8 |
| 77 | 98.6 | 77.6 | 117.6 |

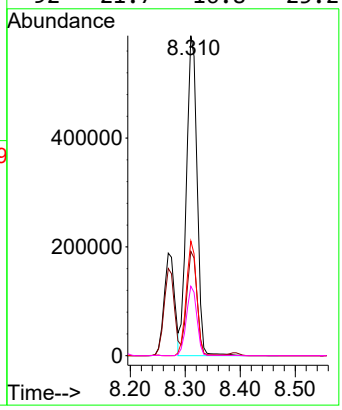





#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:127 Resp: 78724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 35.9 | 27.4 | 41.2 |
| 92 | 21.7 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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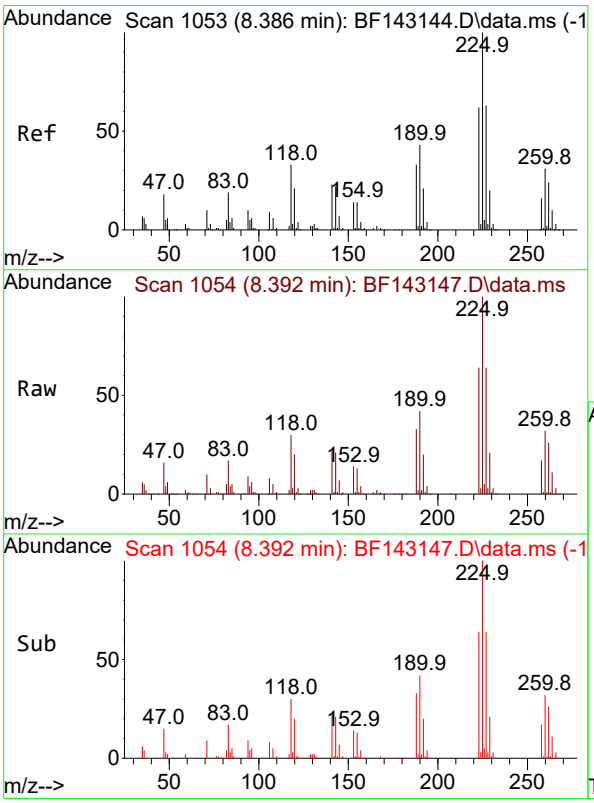
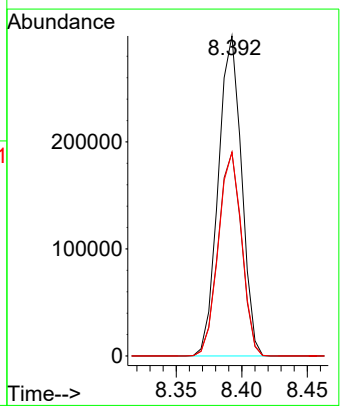
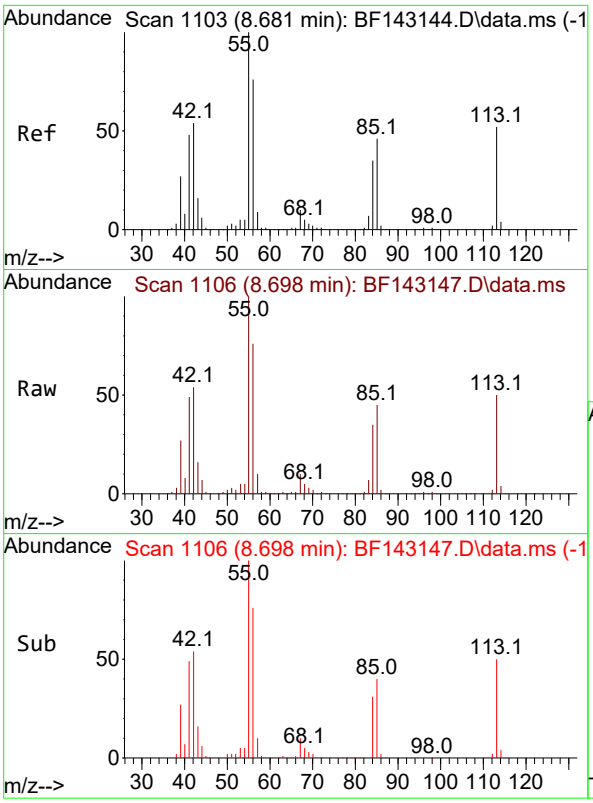



#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |

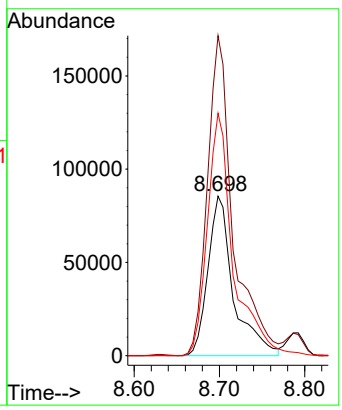





#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:113 Resp: 17827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.6 | 174.0 | 214.0 |
| 56 | 152.0 | 126.6 | 166.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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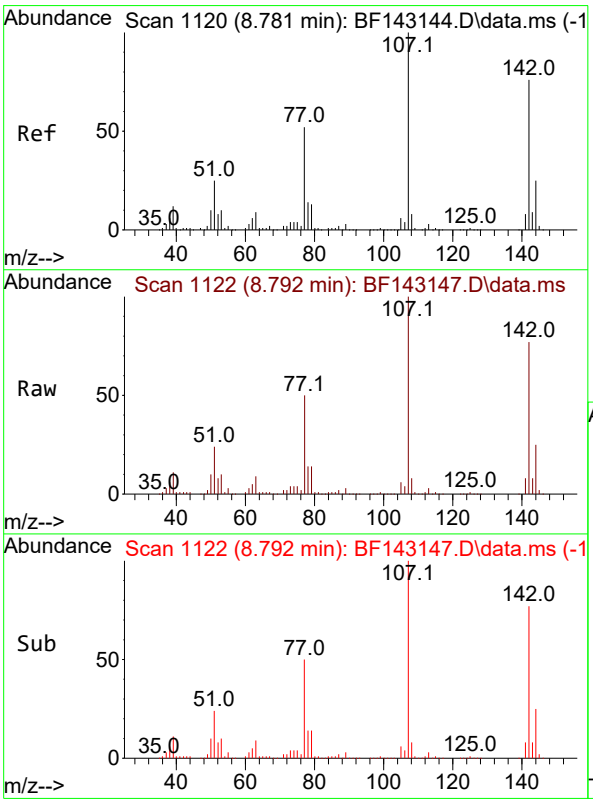
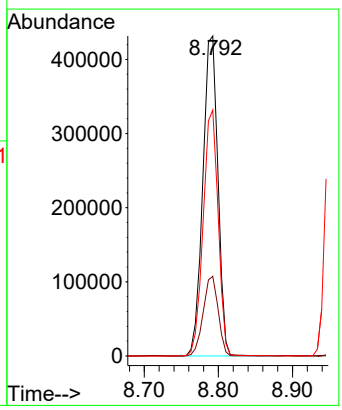
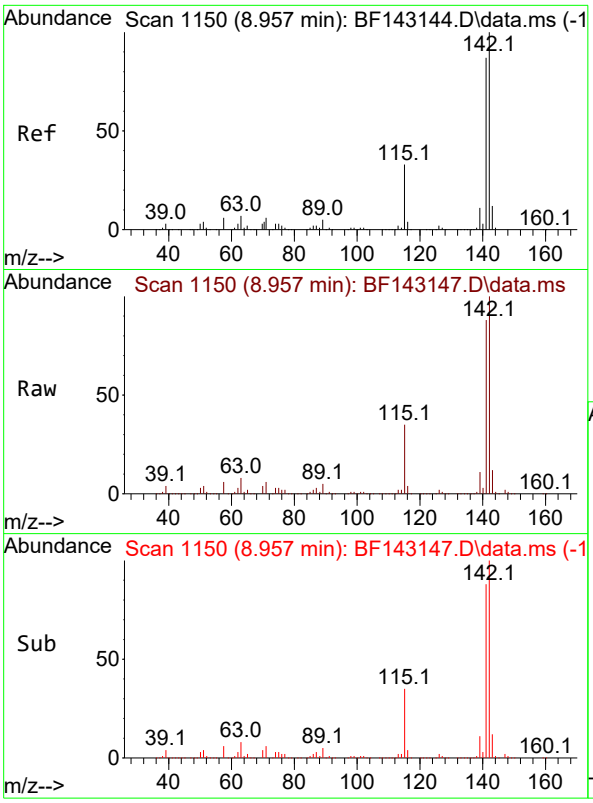



#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.9 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |

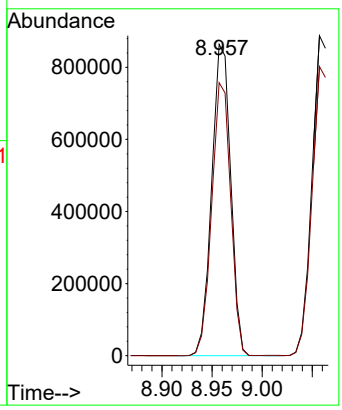





#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 113717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 69.9 | 104.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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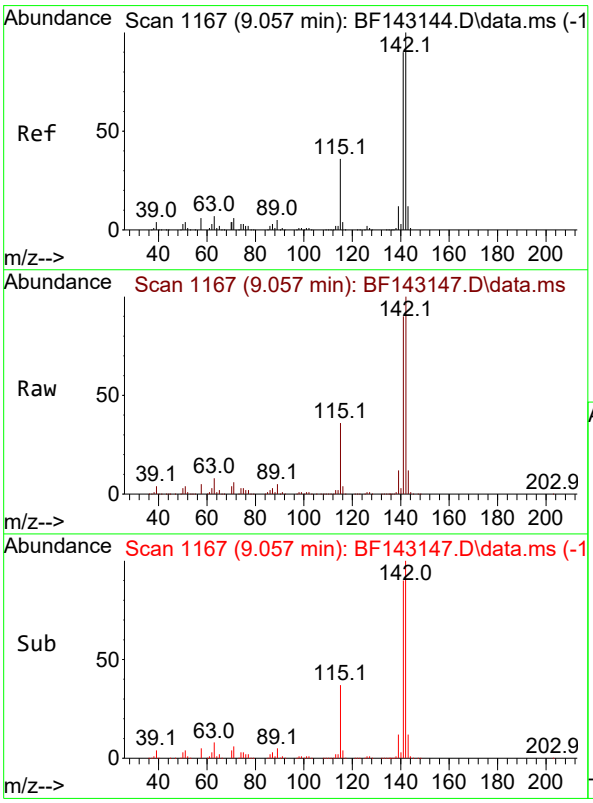
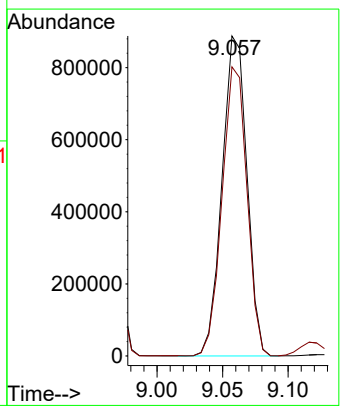
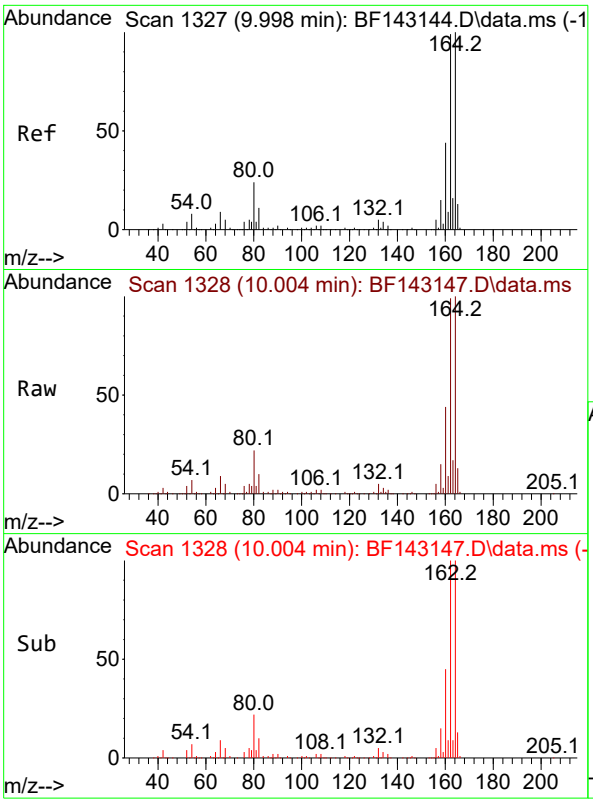



#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |

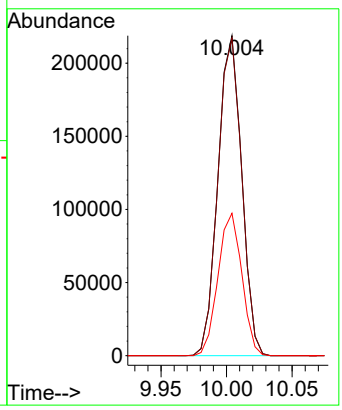





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:164 Resp: 27561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 79.0 | 118.6 |
| 160 | 44.5 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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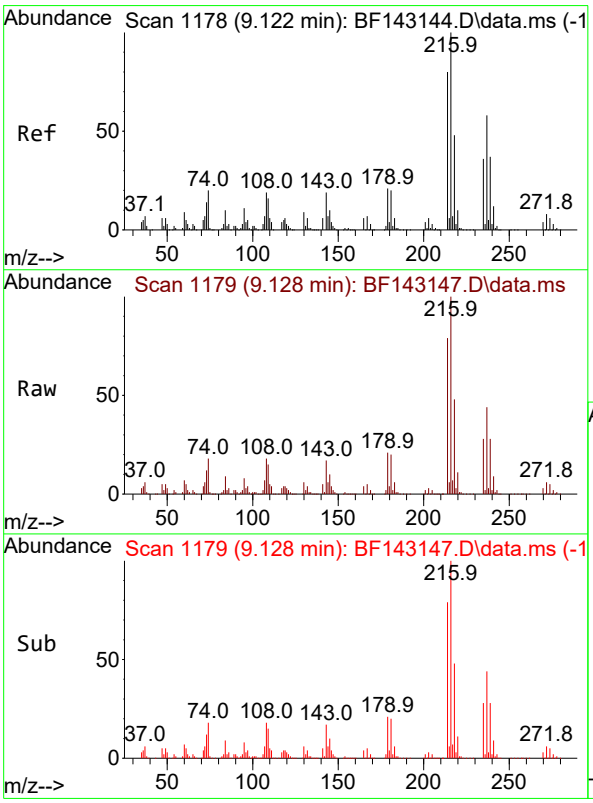
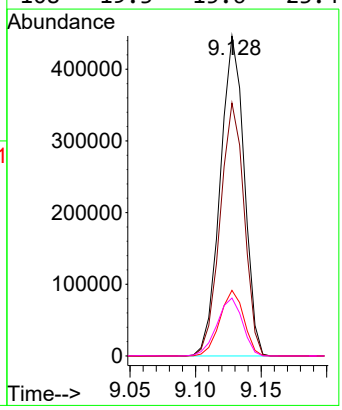
Supervised By :Jagrut Upadhyay 07/18/2025

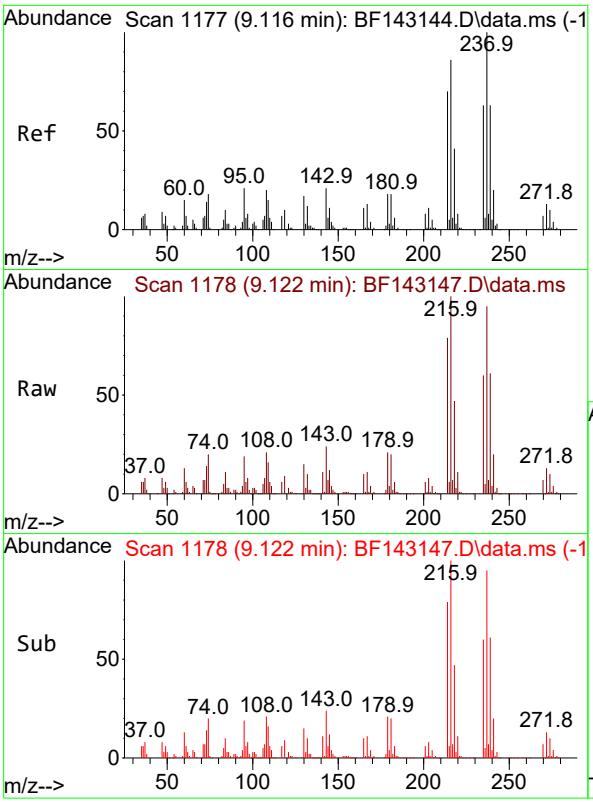



#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 63.8 | 95.8 |
| 179 | 20.4 | 16.4 | 24.6 |
| 108 | 19.3 | 15.6 | 23.4 |

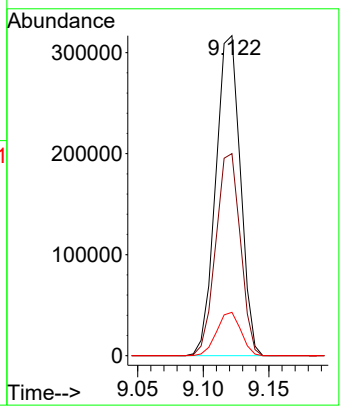





#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:237 Resp: 41275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.6 | 0.0 | 33.3 |




**Instrument :**
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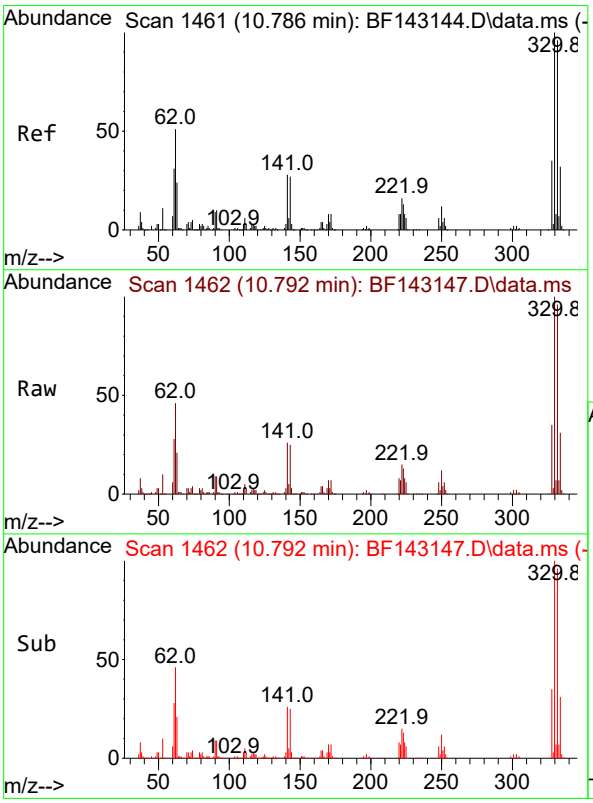
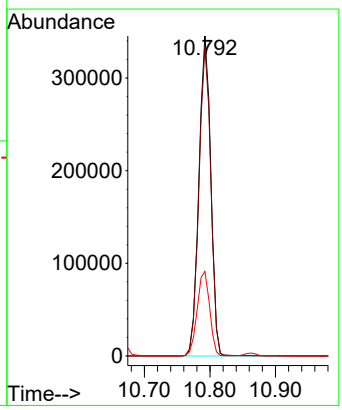
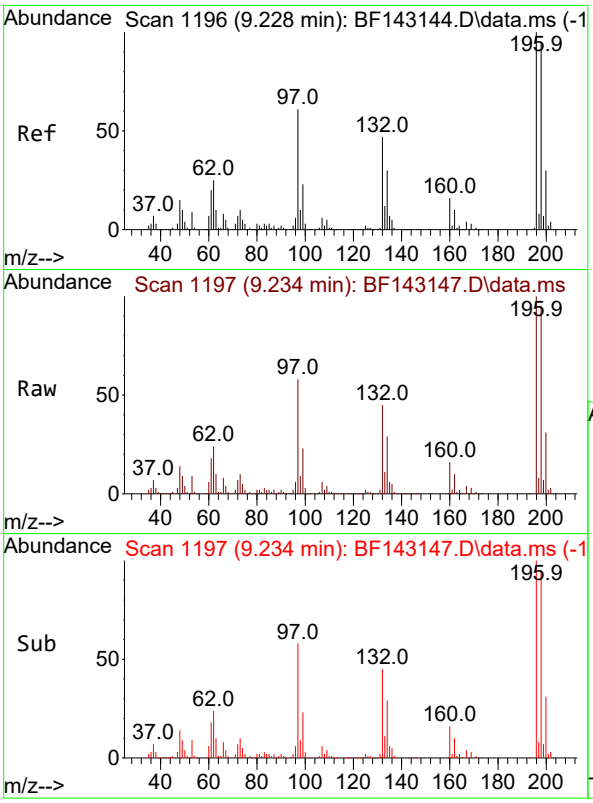



#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 27.7 | 23.3 | 34.9 |

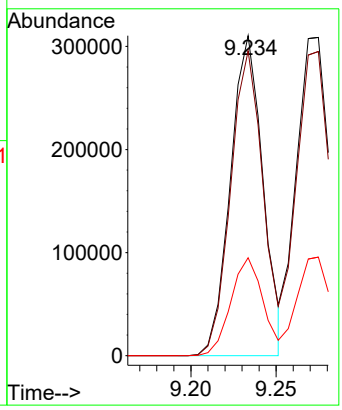





#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 41214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 30.6 | 23.9 | 35.9 |




**Instrument :**
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**ClientSampleId :**
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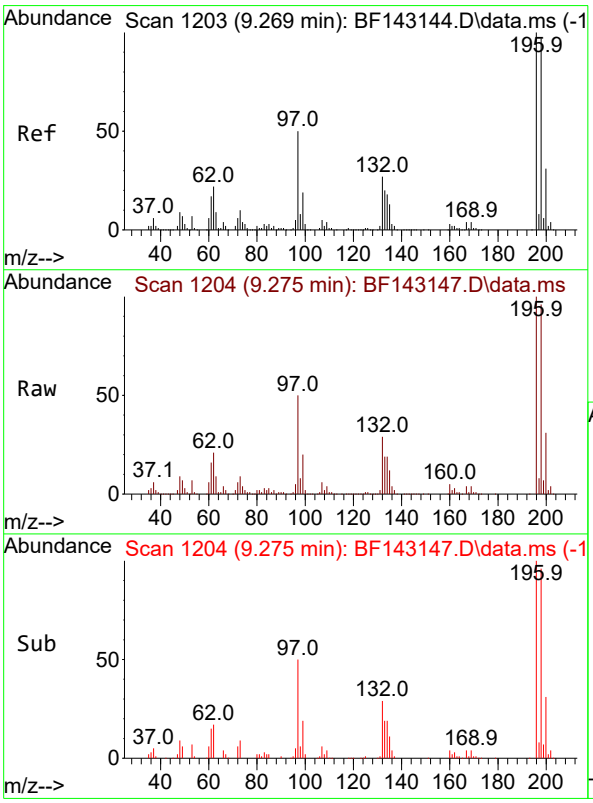
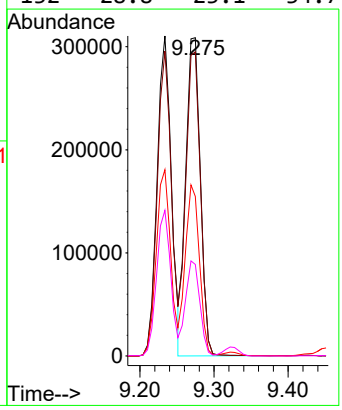
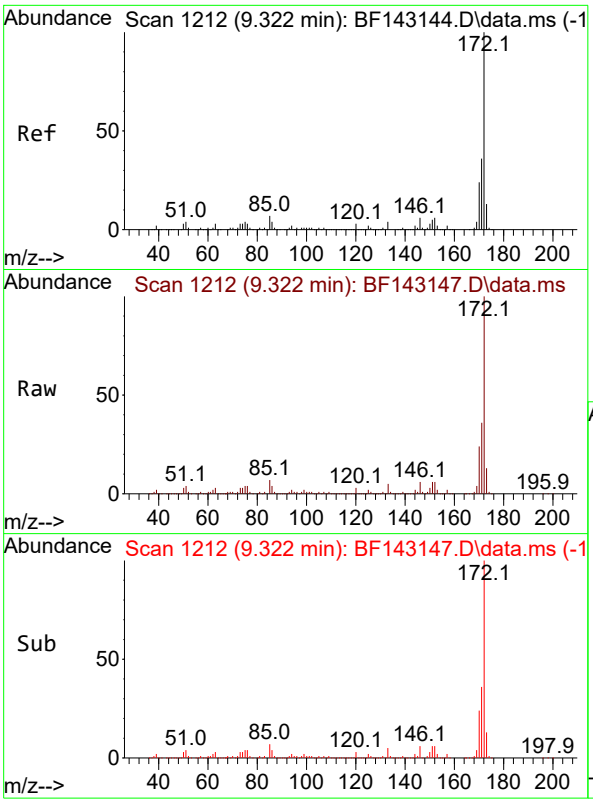



#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 77.3 | 115.9 |
| 97 | 50.1 | 40.3 | 60.5 |
| 132 | 28.8 | 23.1 | 34.7 |

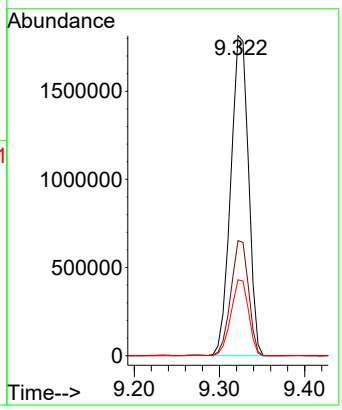





#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:172 Resp: 262307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.6 | 42.8 |
| 170 | 23.7 | 18.8 | 28.2 |




**Instrument :**
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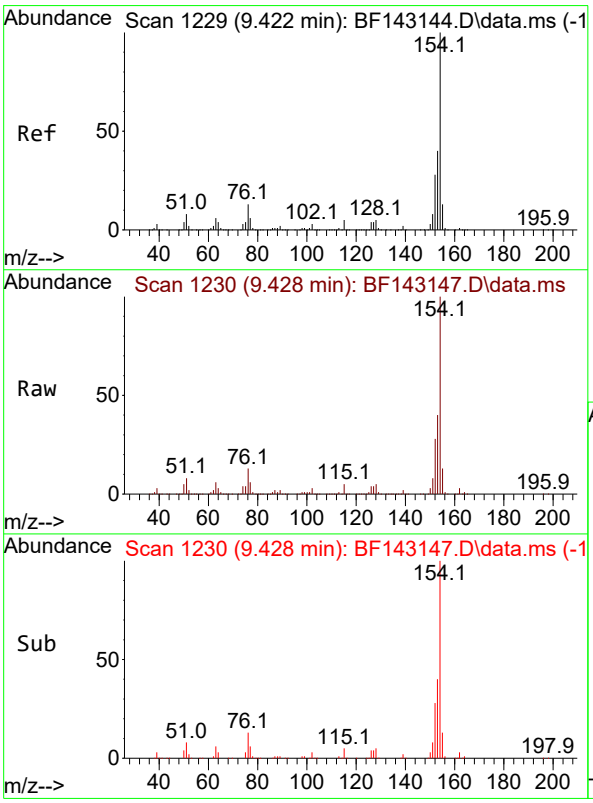
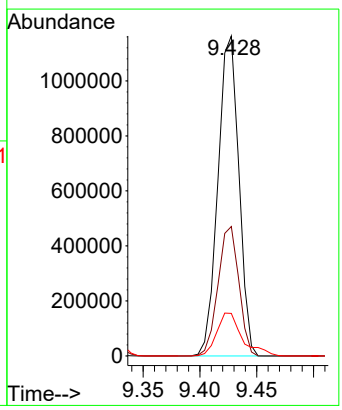
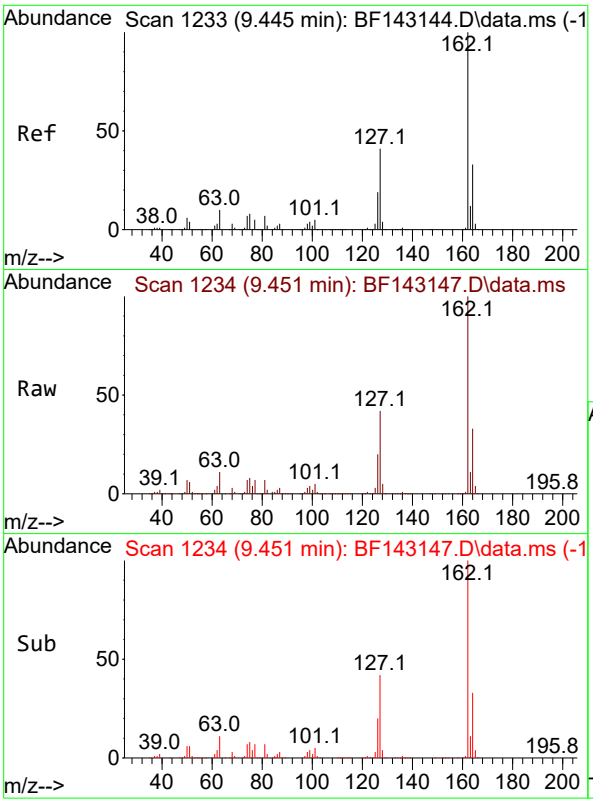



#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.3 | 0.0 | 33.3 |

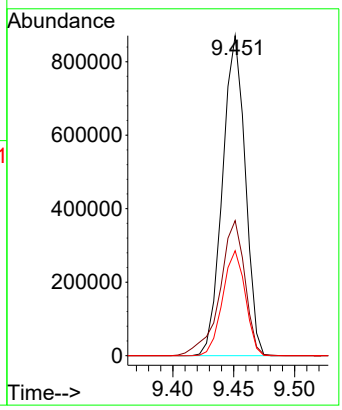





#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:162 Resp: 113162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.2 | 33.4 | 50.2 |
| 164 | 32.8 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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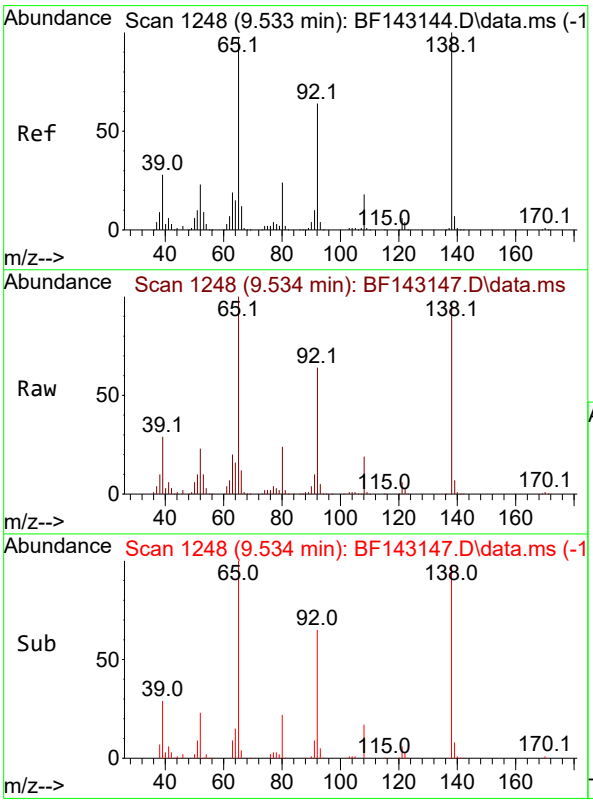
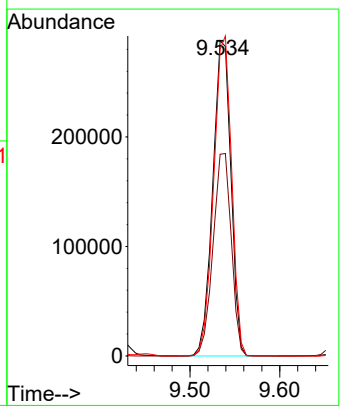
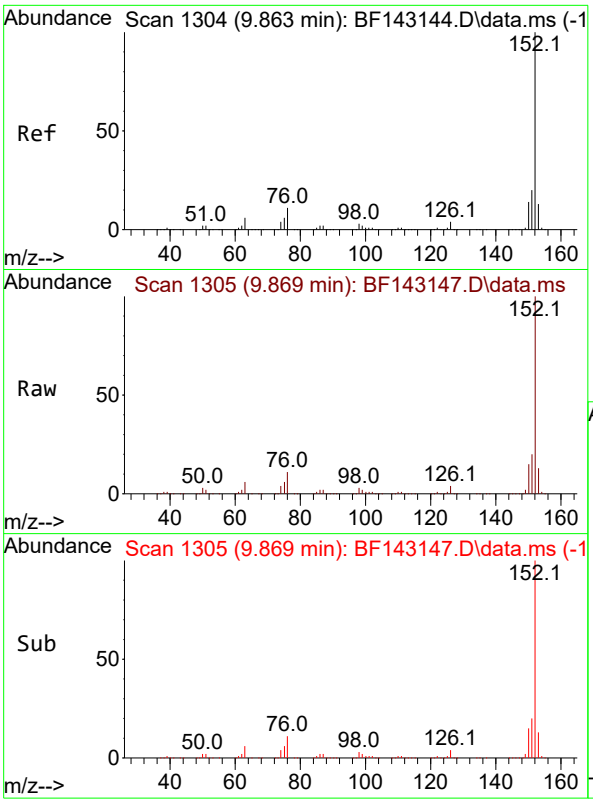



#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.0 | 52.4 | 78.6 |
| 138 | 97.3 | 82.3 | 123.5 |

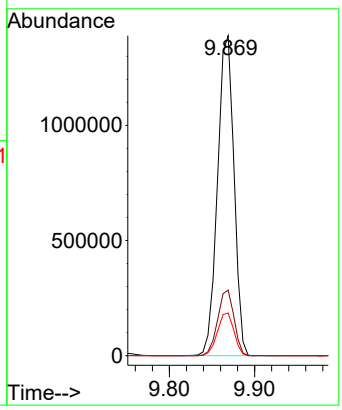





#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:152 Resp: 186806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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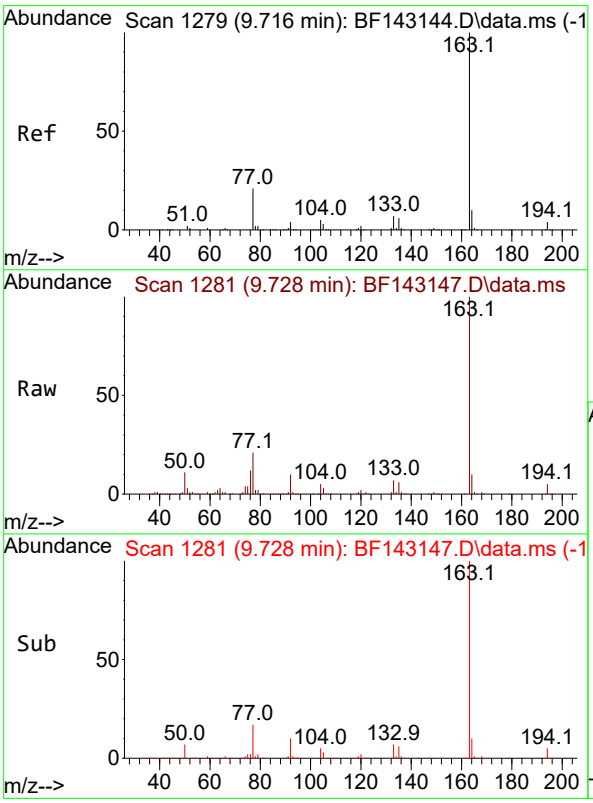
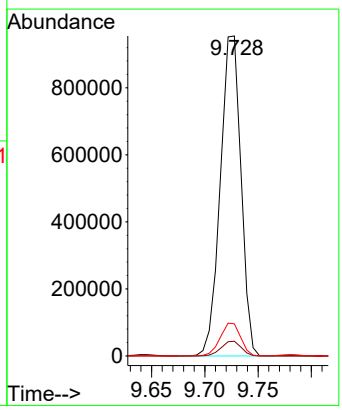
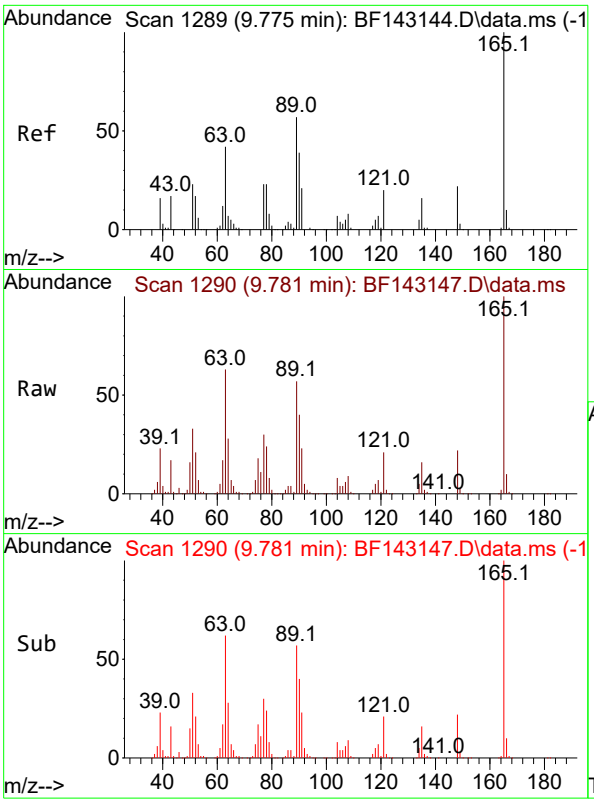



#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.4 | 5.2 |
| 164 | 10.0 | 8.3 | 12.5 |

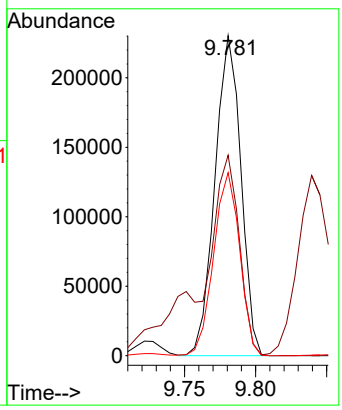





#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 29271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.6 | 49.4 | 74.2 |
| 89 | 57.2 | 46.2 | 69.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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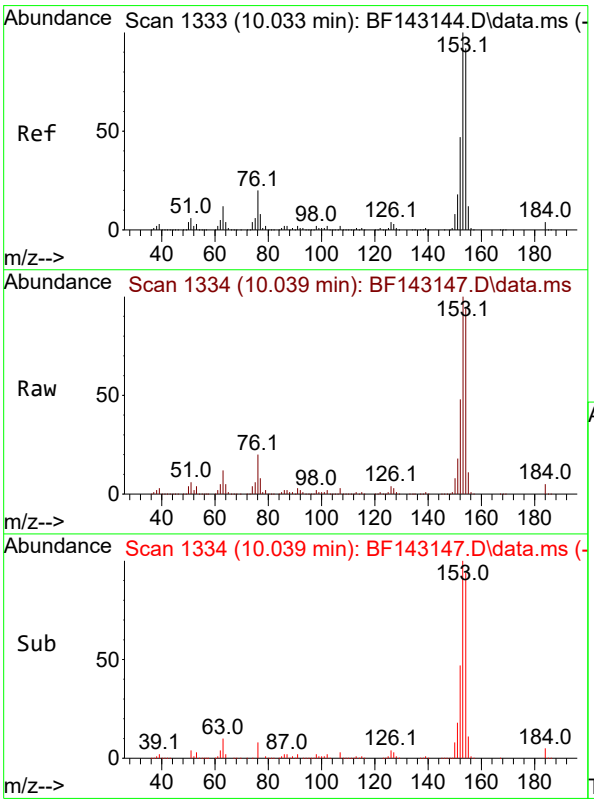
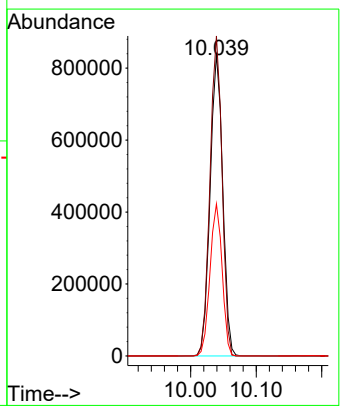
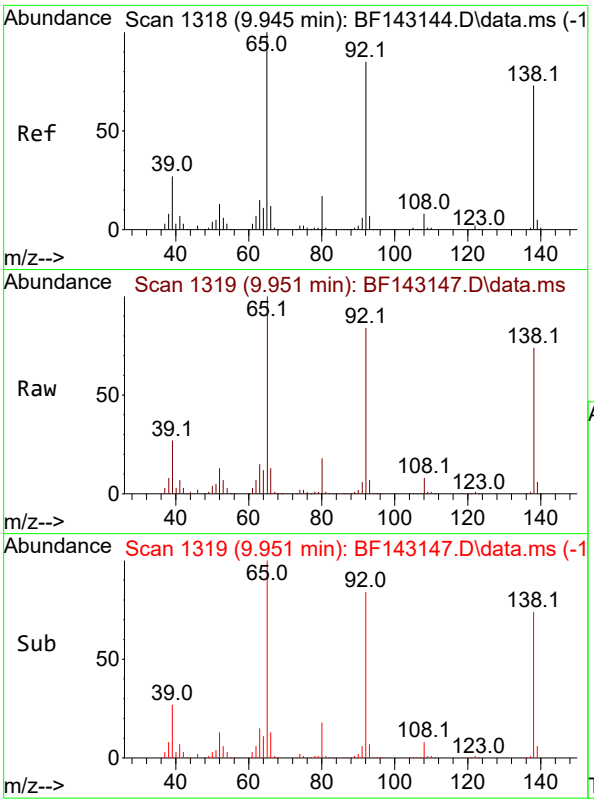



#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.1 | 86.6 | 129.8 |
| 152 | 50.4 | 40.4 | 60.6 |

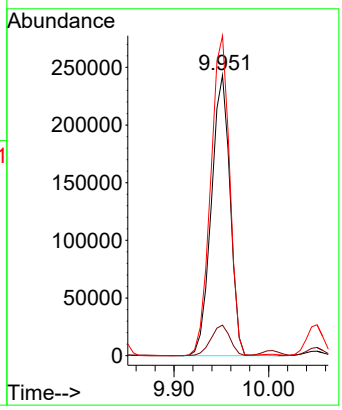





#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 33398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.0 | 13.6 |
| 92 | 114.1 | 93.0 | 139.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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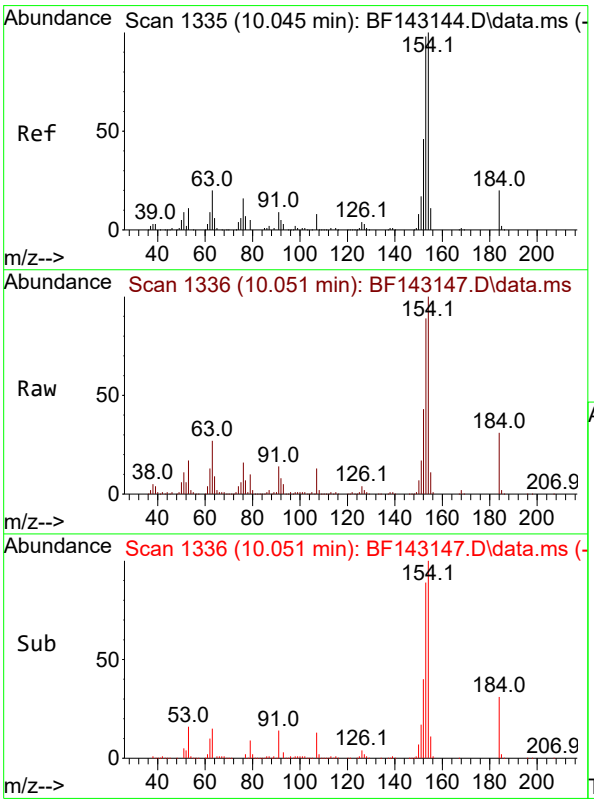
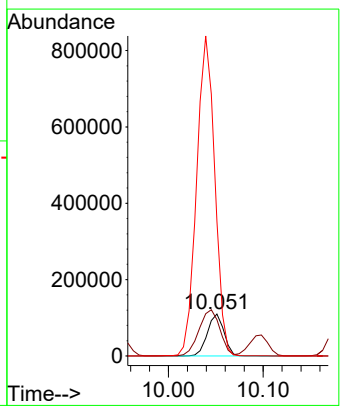
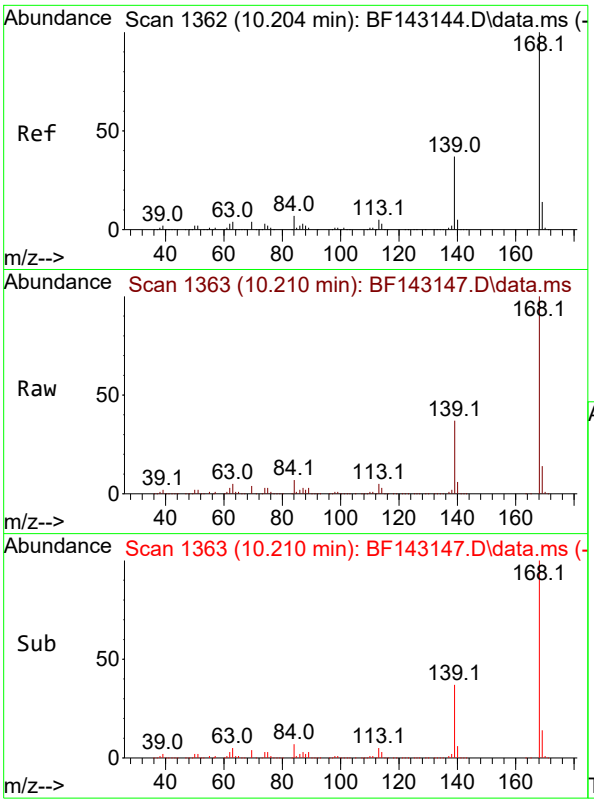



#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 86.6 | 81.8 | 122.6 |
| 154 | 321.6 | 412.2 | 618.4# |

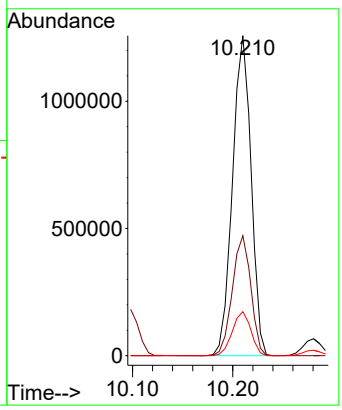





#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:168 Resp: 161539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 29.5 | 44.3 |
| 169 | 13.8 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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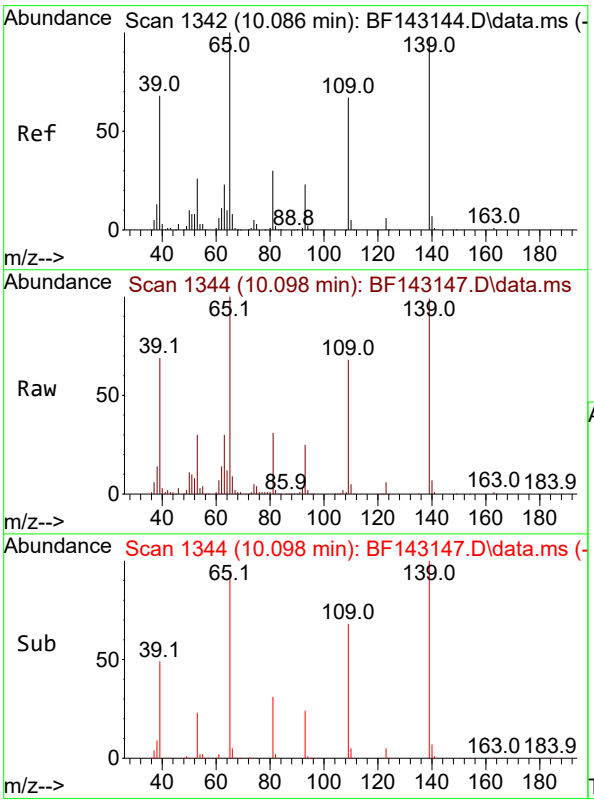
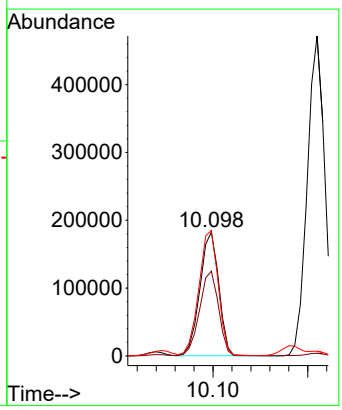
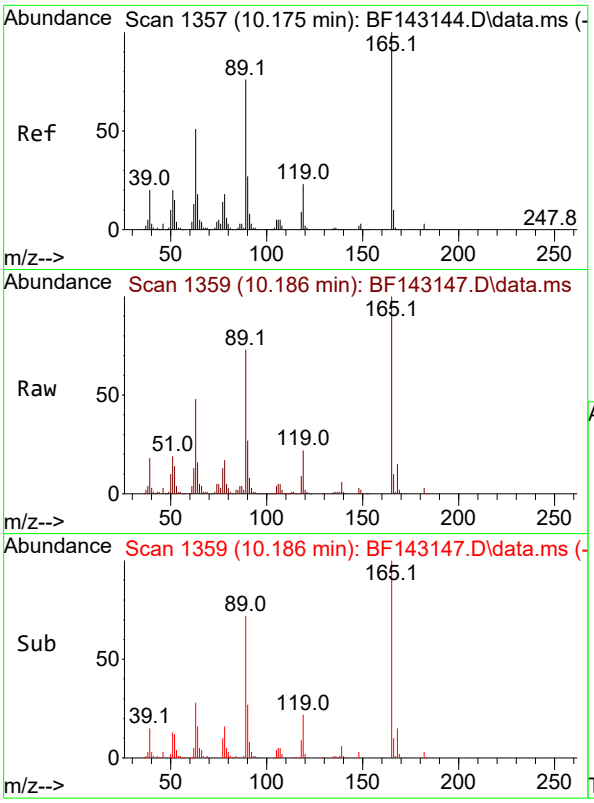



#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.4 | 48.5 | 88.5 |
| 65 | 101.3 | 83.4 | 123.4 |

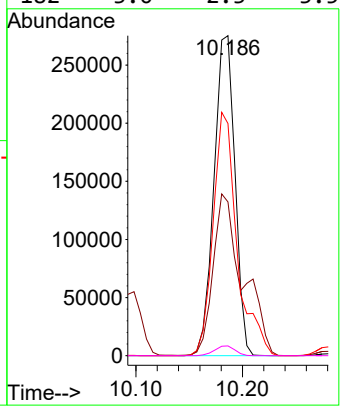





#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:165 Resp: 37612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.1 | 41.0 | 61.4 |
| 89 | 72.5 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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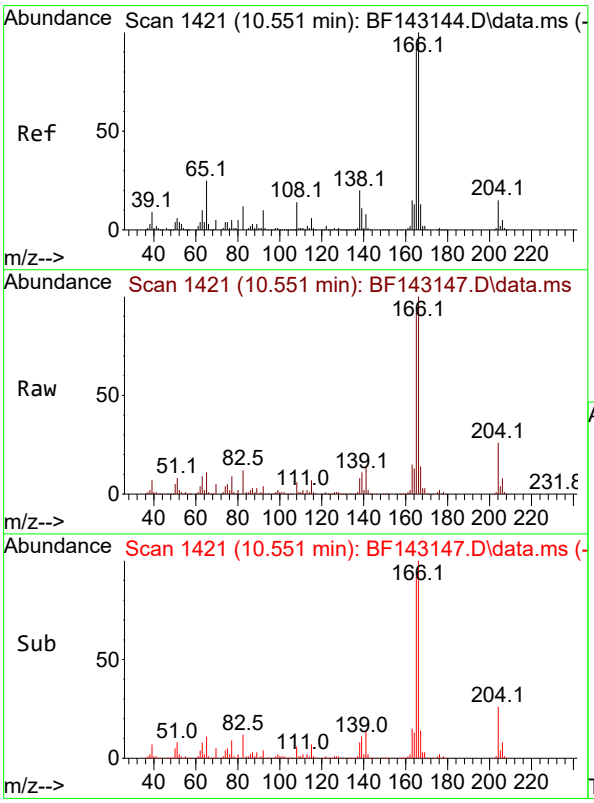
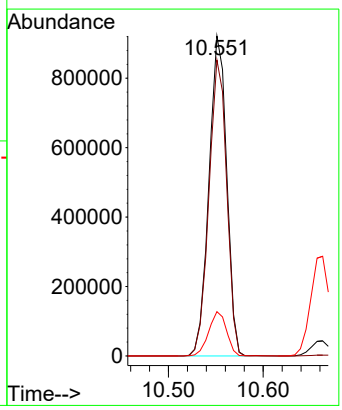
Supervised By :Jagrut Upadhyay 07/18/2025

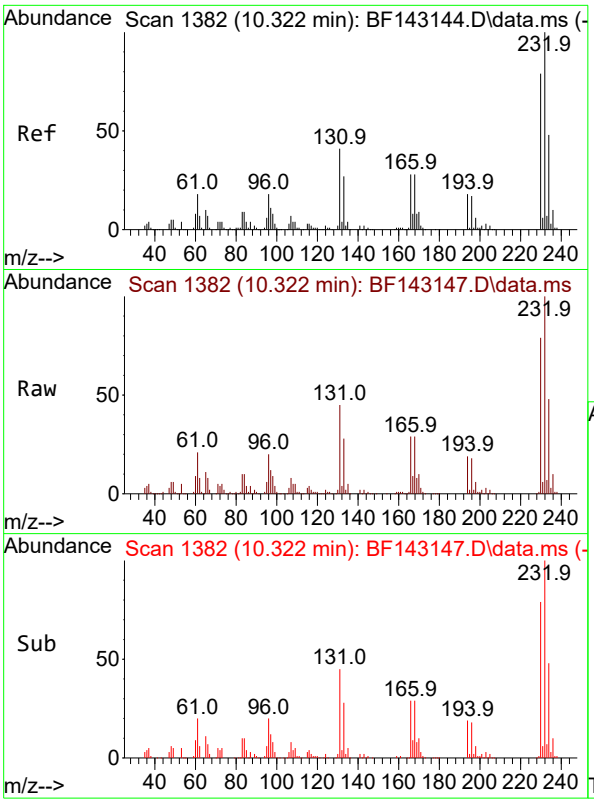



#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.5 | 73.7 | 110.5 |
| 167 | 13.8 | 10.6 | 16.0 |

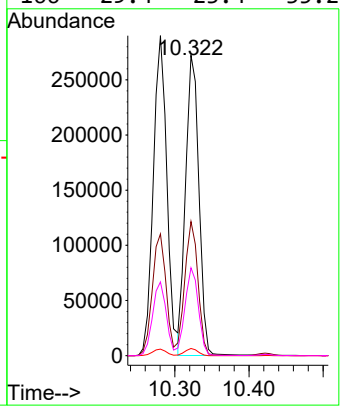





#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:232 Resp: 34011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.5 | 35.3 | 52.9 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 29.4 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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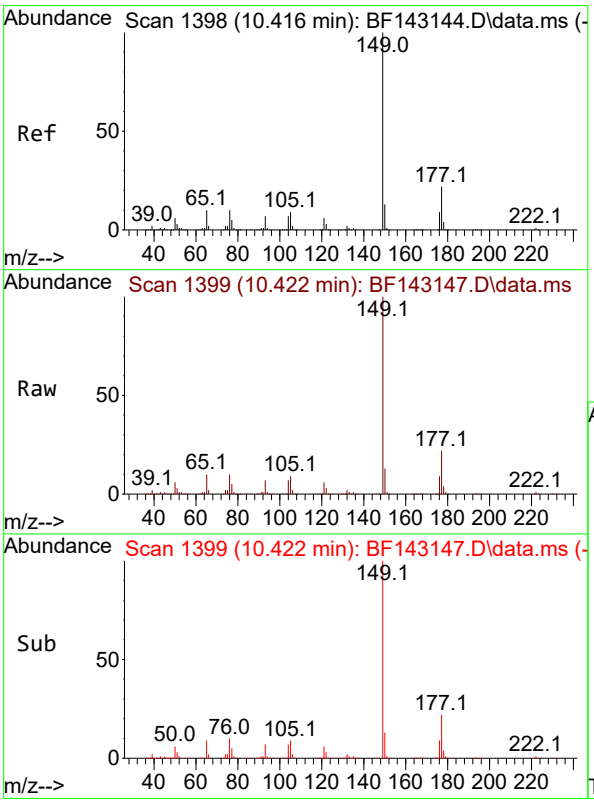
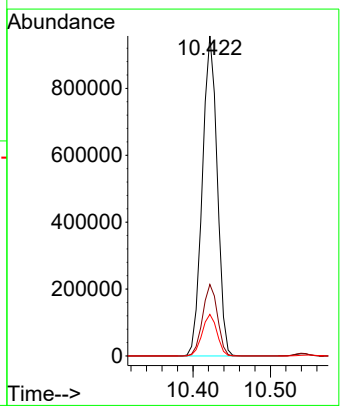
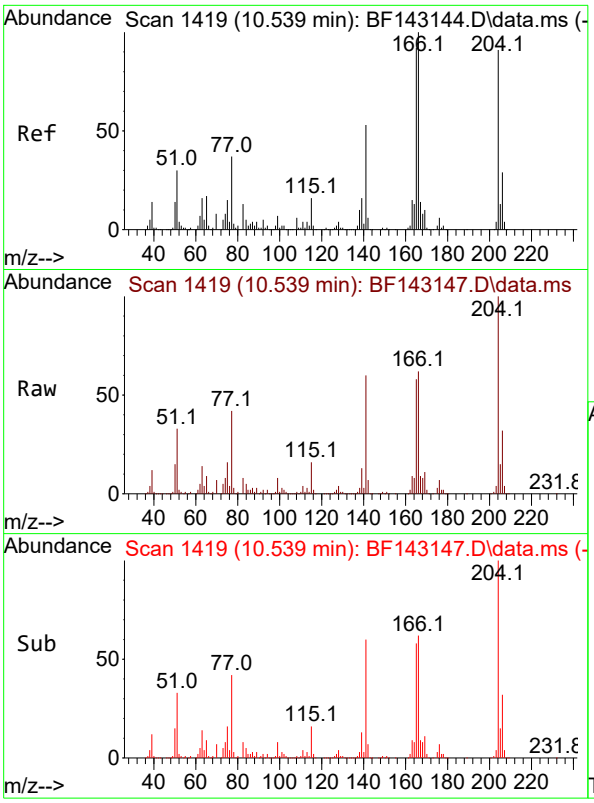



#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 17.5 | 26.3 |
| 150 | 13.0 | 10.2 | 15.2 |

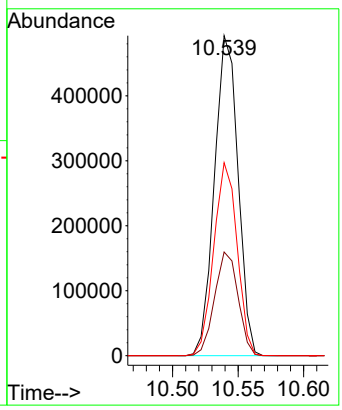





#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:204 Resp: 61496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 60.3 | 47.0 | 70.4 |




**Instrument :**
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SSTDICC080

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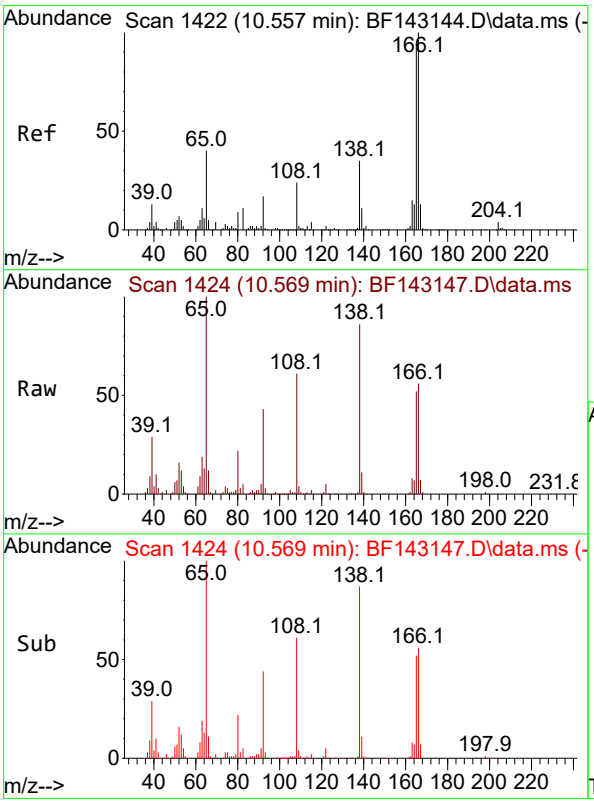
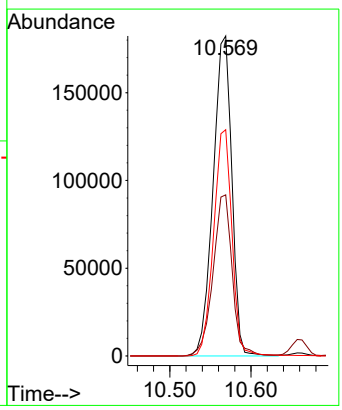
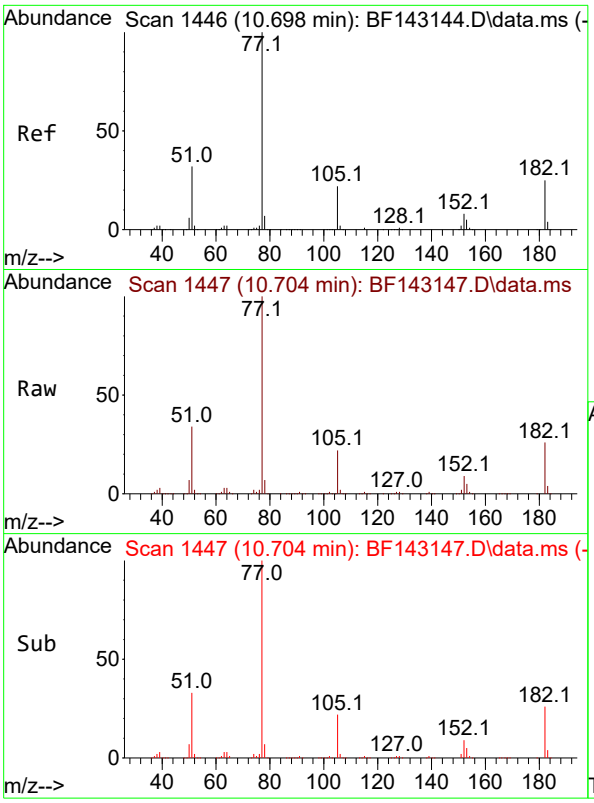



#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.4 | 29.3 | 69.3 |
| 108 | 70.7 | 48.3 | 88.3 |

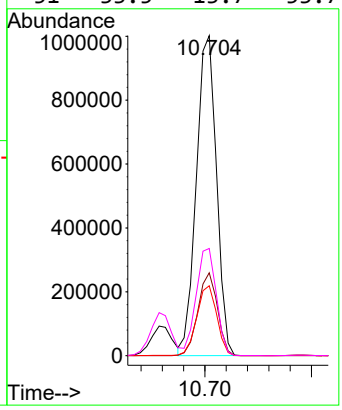





#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 131872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.9 | 4.6 | 44.6 |
| 105 | 21.9 | 1.4 | 41.4 |
| 51 | 33.5 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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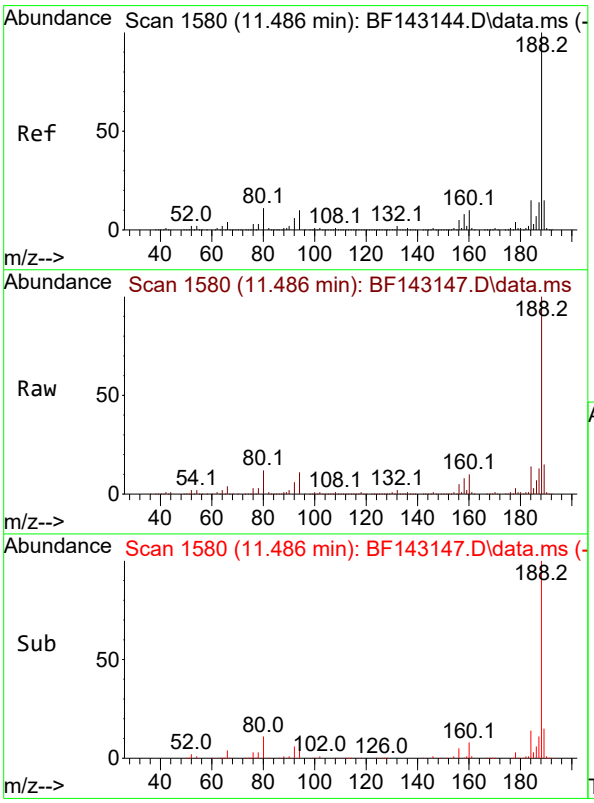
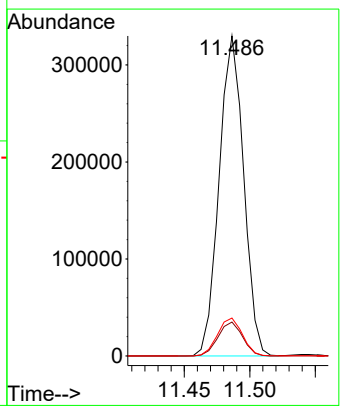
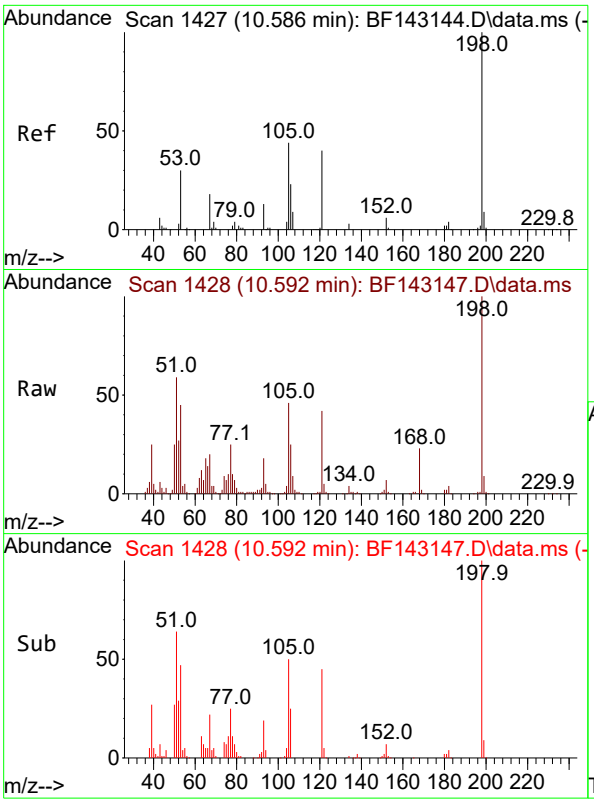



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.8 | 9.0 | 13.6 |






#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:198 Resp: 18641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.9 | 37.2 | 77.2 |
| 105 | 46.0 | 24.8 | 64.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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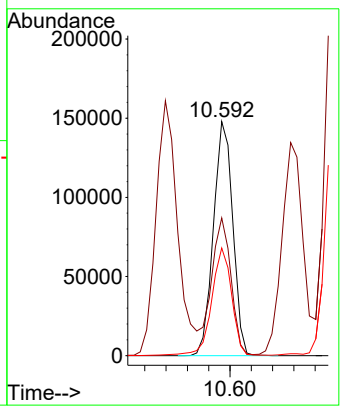
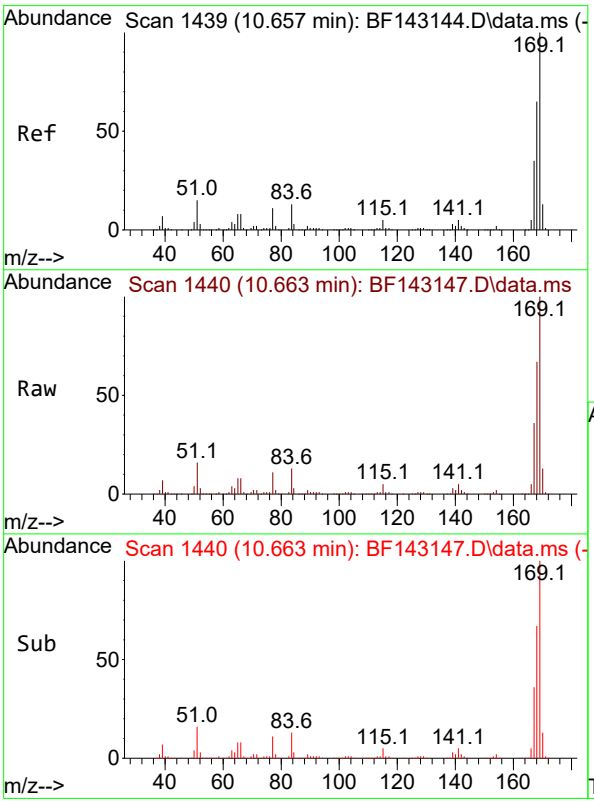
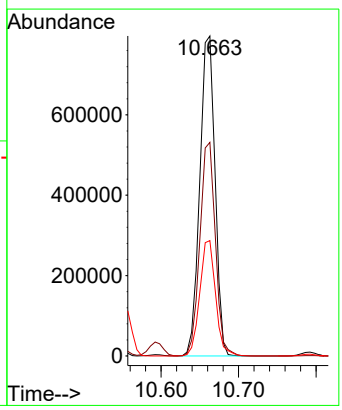


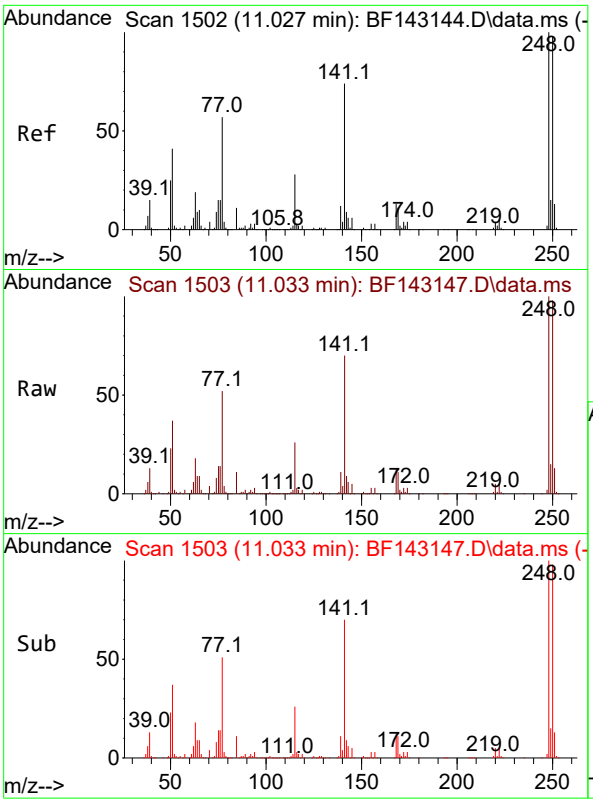




#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 52.1 | 78.1 |
| 167 | 36.1 | 28.2 | 42.2 |

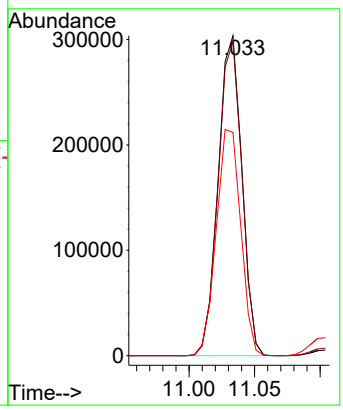





#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:248 Resp: 38212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.3 | 78.3 | 117.5 |
| 141 | 69.8 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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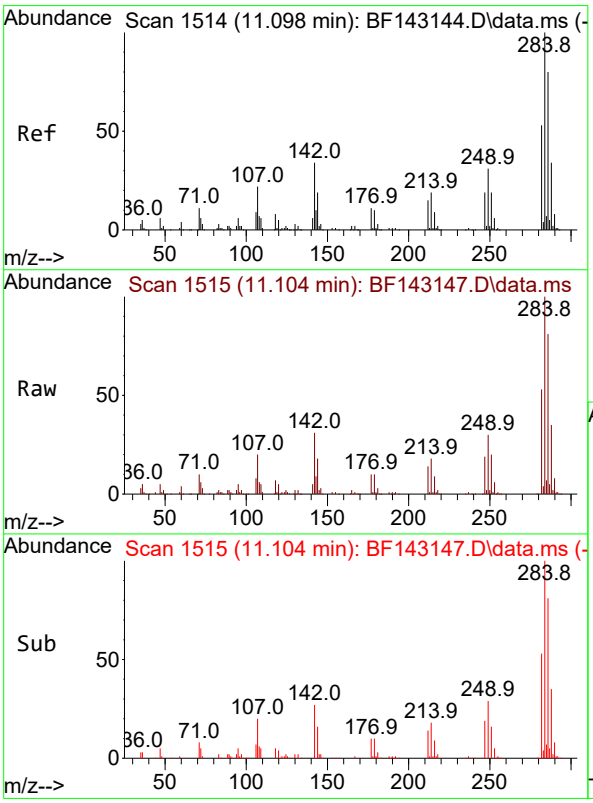
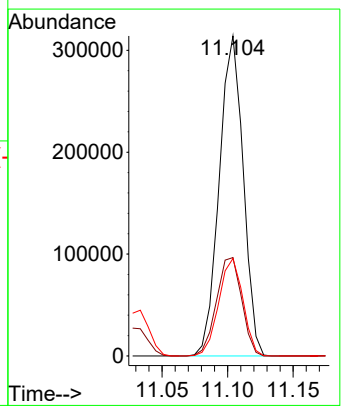
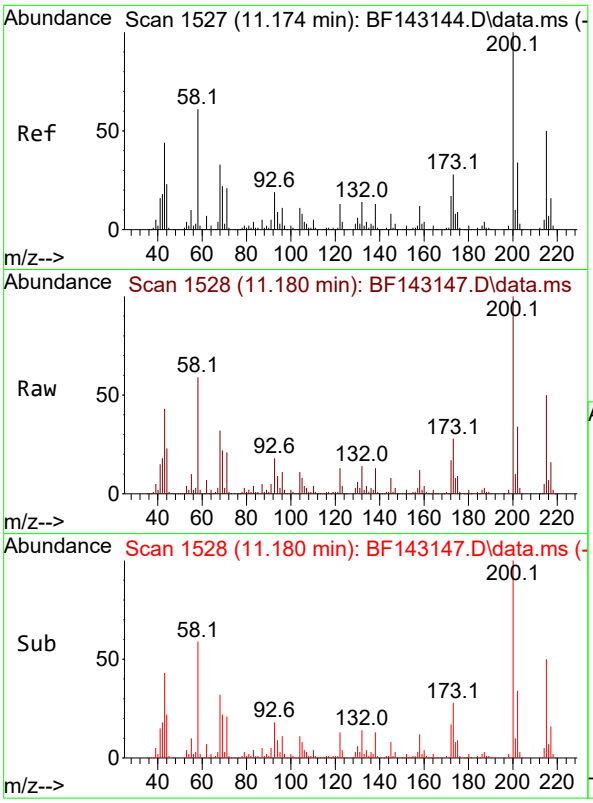



#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.7 | 27.0 | 40.6 |
| 249 | 30.5 | 25.0 | 37.6 |

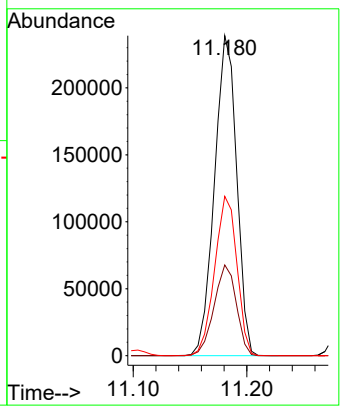





#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:200 Resp: 32412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 49.8 | 30.1 | 70.1 |




**Instrument :**
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**ClientSampleId :**
SSTDICC080

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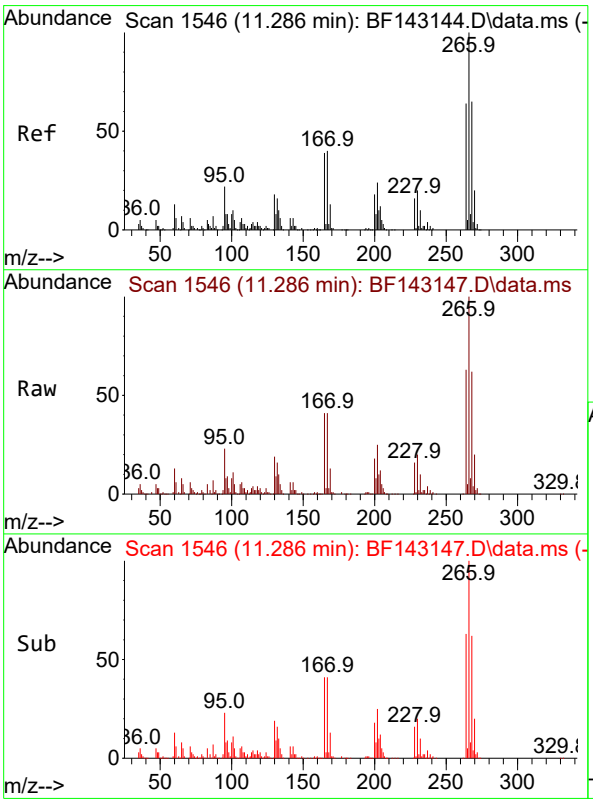
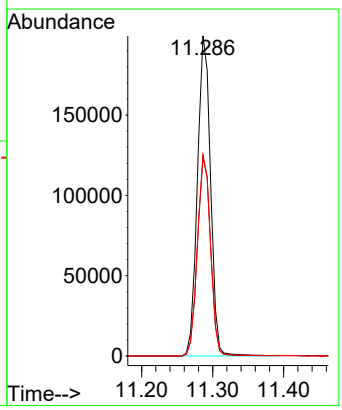
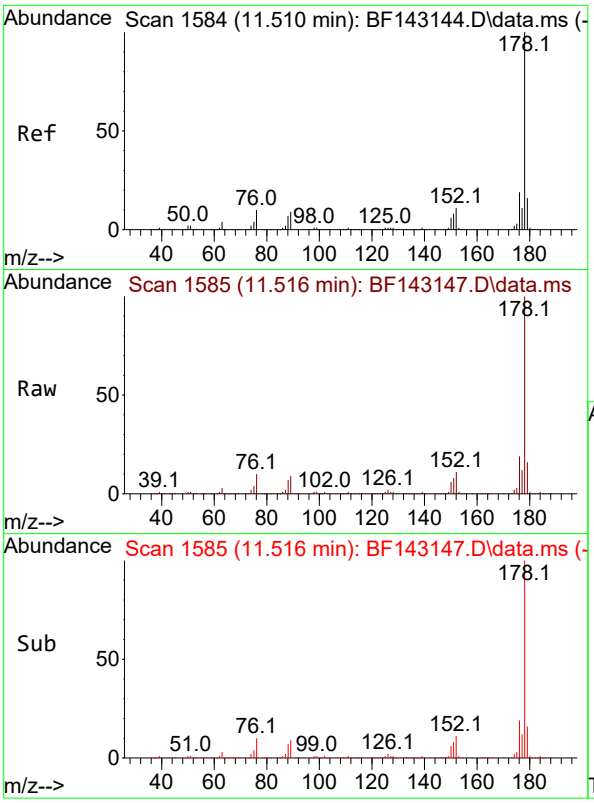



#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.2 | 51.9 | 77.9 |
| 264 | 62.9 | 51.0 | 76.6 |

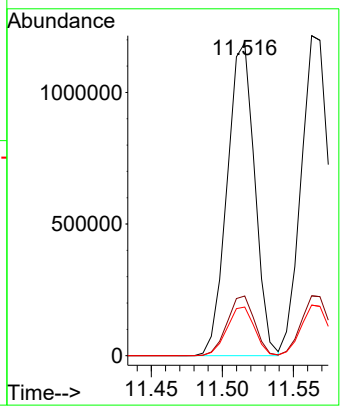





#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 160220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.5 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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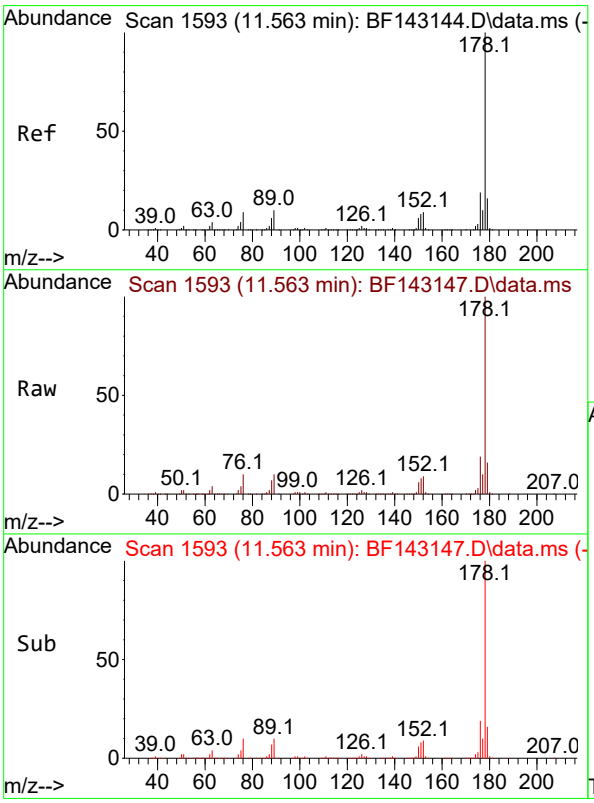
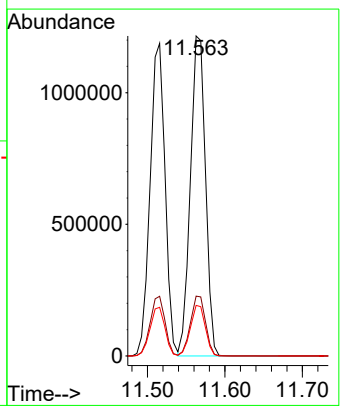
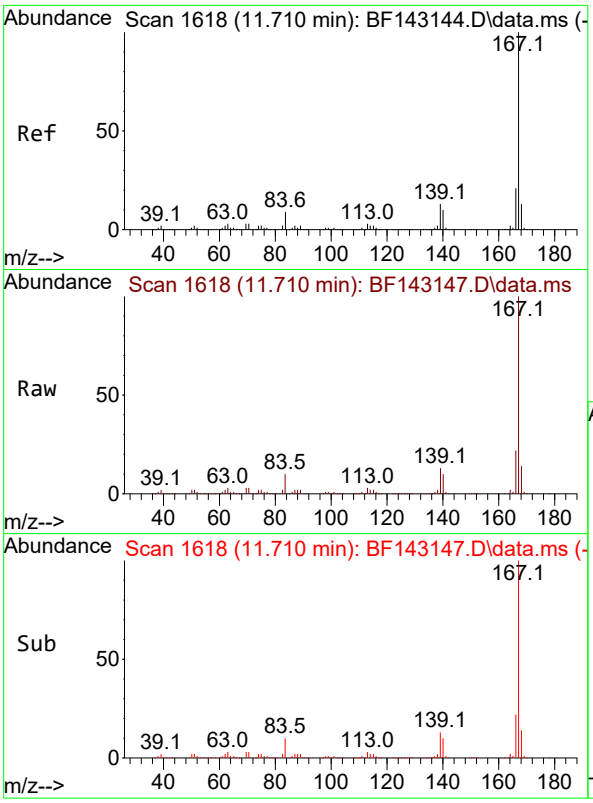



#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.8 | 12.5 | 18.7 |

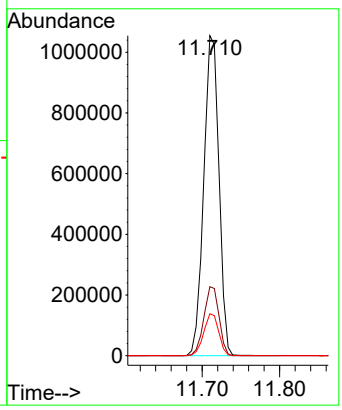





#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:167 Resp: 143544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.0 | 25.6 |
| 139 | 13.1 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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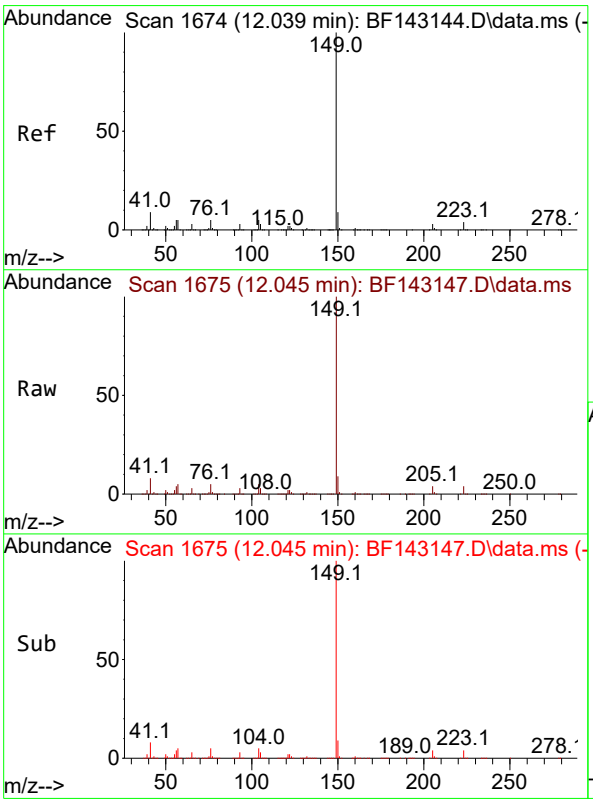
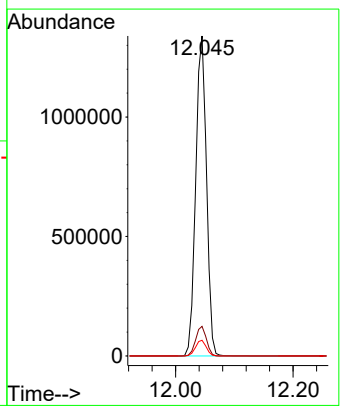
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

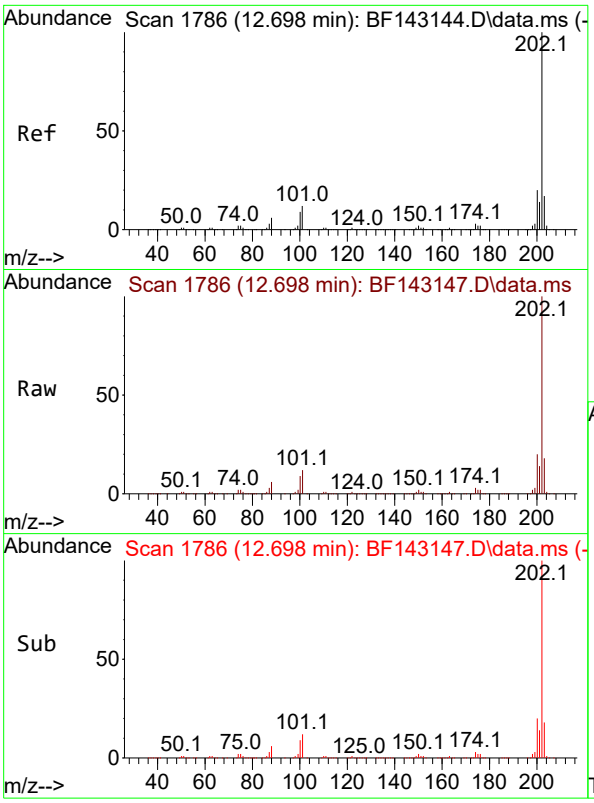



#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |






#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 149810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.9 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

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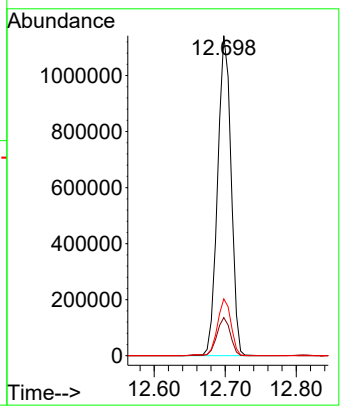
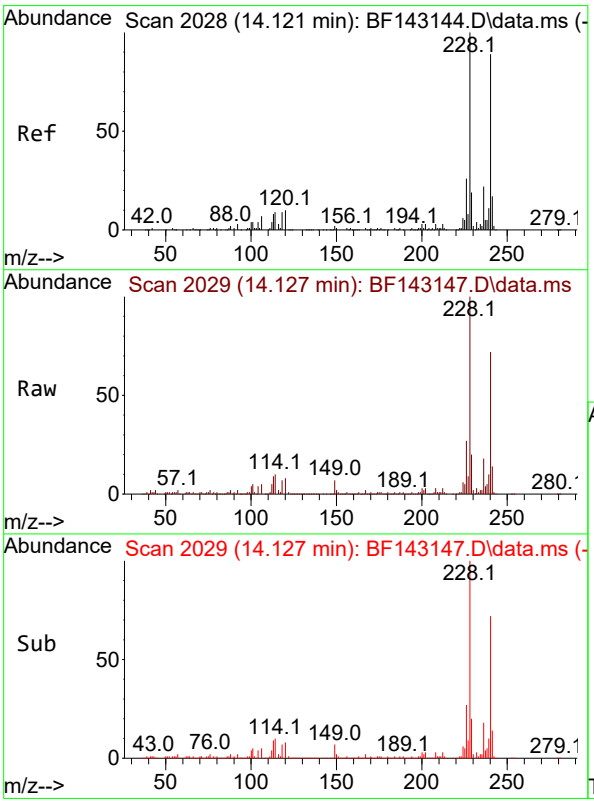
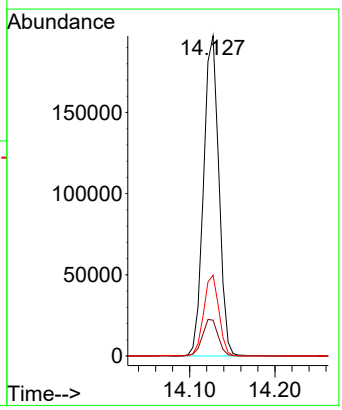


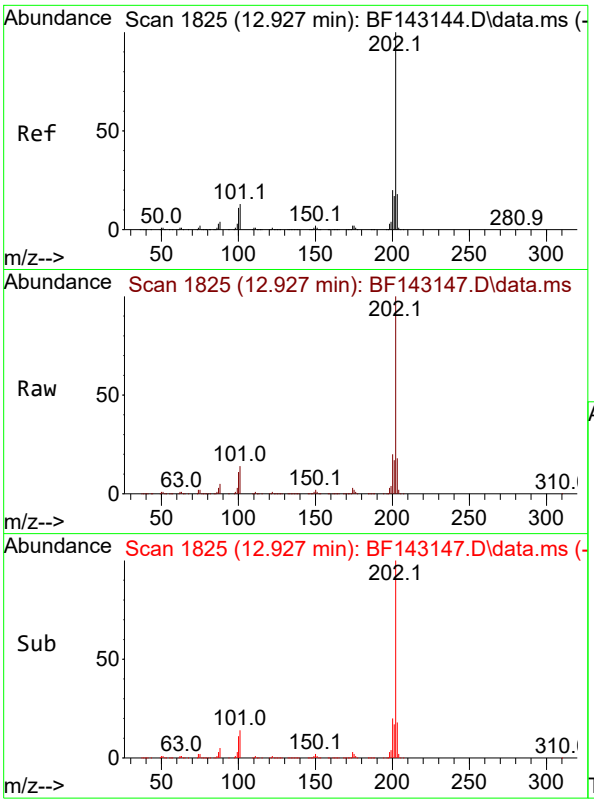




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.4 | 14.2 |
| 236 | 25.2 | 20.2 | 30.4 |

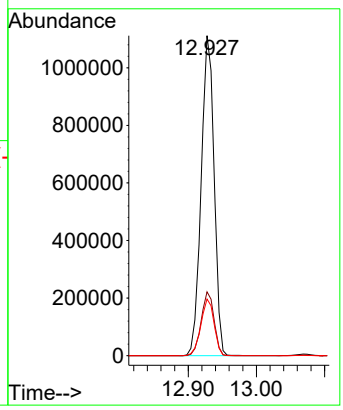





#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 146620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 15.7 | 23.5 |
| 203 | 17.7 | 14.2 | 21.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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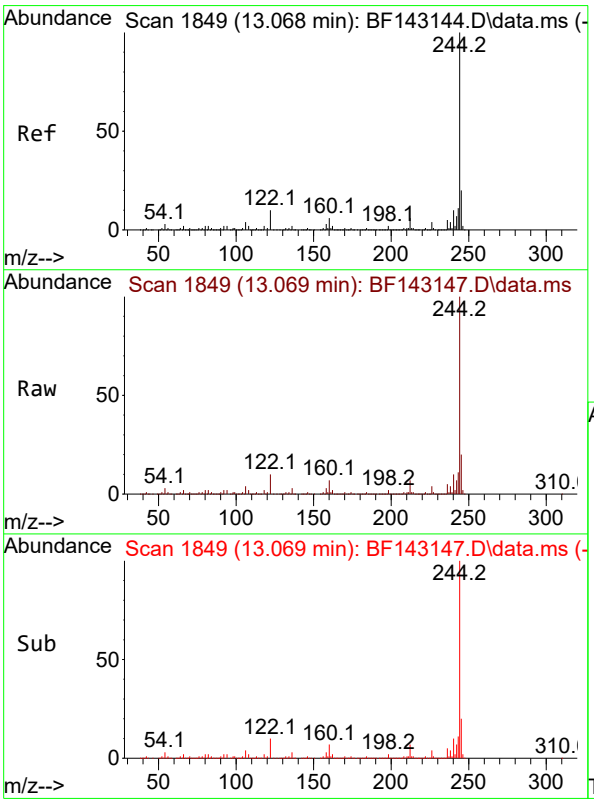
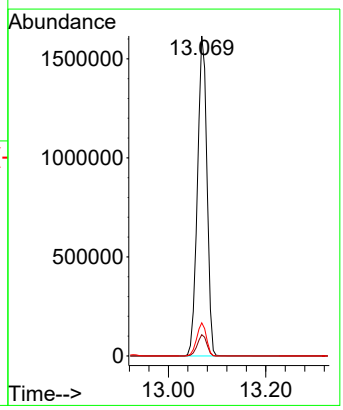
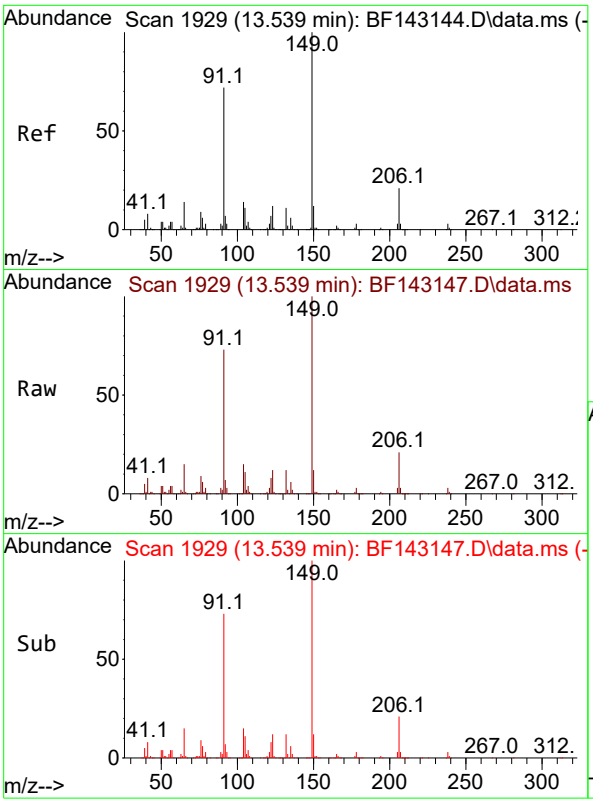



#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:244 Resp: 2202828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |

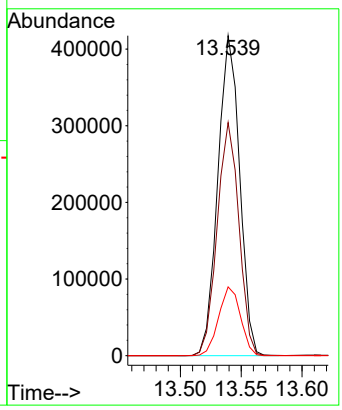





#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 52163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.9 | 57.9 | 86.9 |
| 206 | 21.5 | 17.0 | 25.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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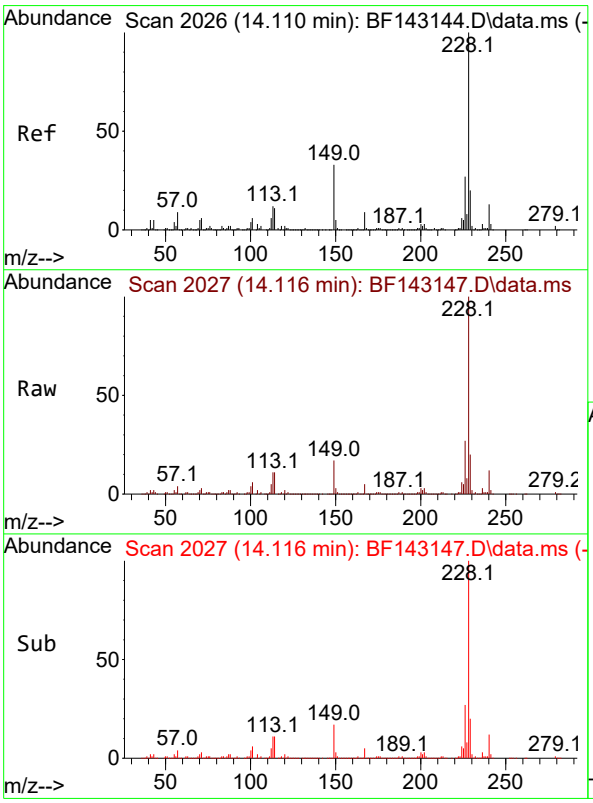
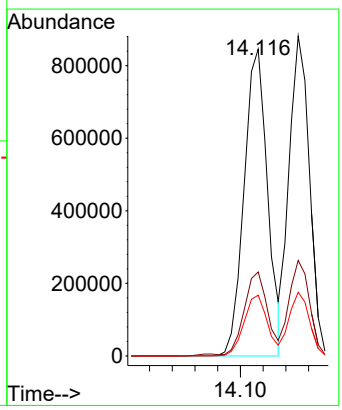
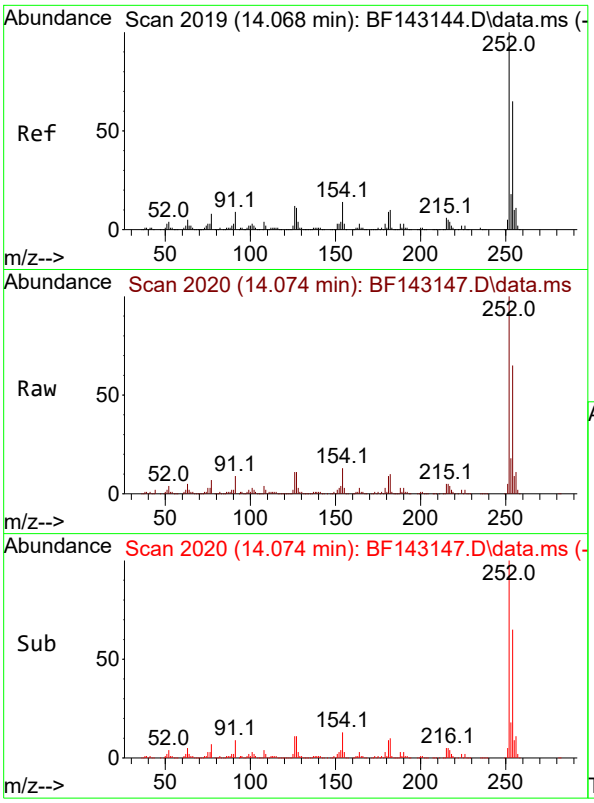



#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1212056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.7 | 32.5 |
| 229 | 19.8 | 15.8 | 23.6 |

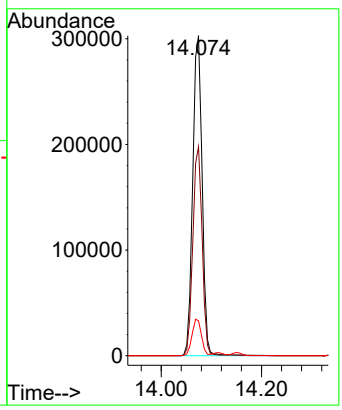





#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 39344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 51.7 | 77.5 |
| 126 | 10.9 | 9.4 | 14.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

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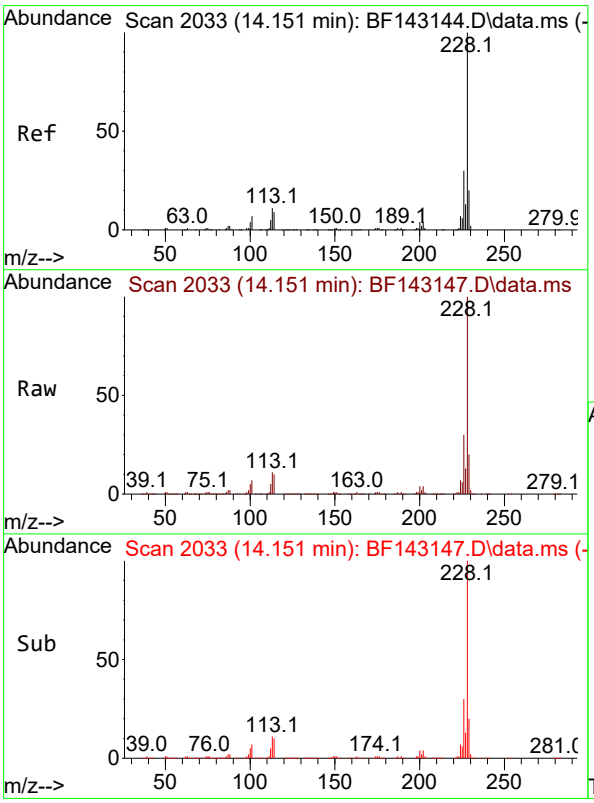
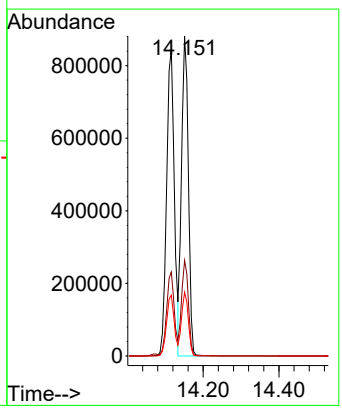
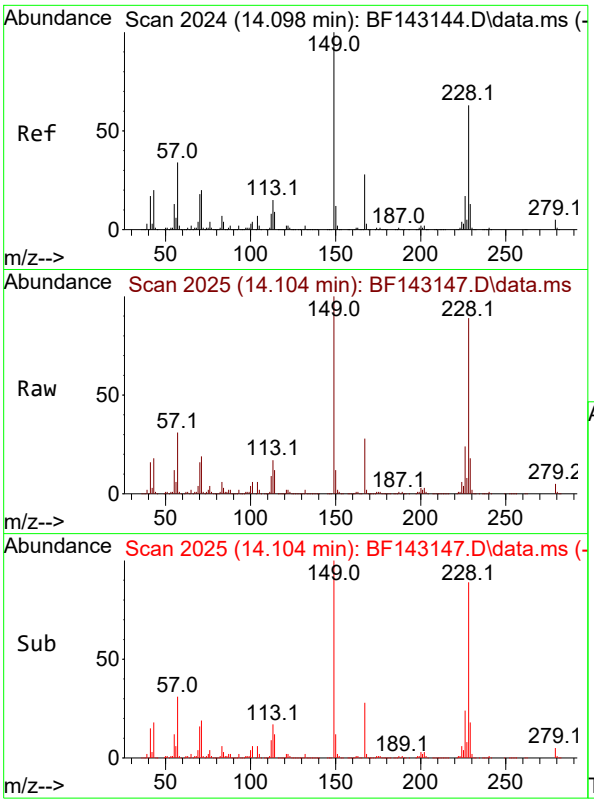



#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:228 Resp: 1105636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.9 | 15.6 | 23.4 |

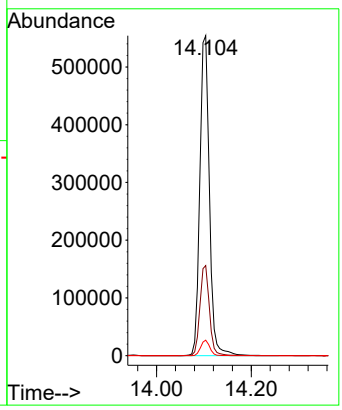





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 77436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.9 | 3.6 | 5.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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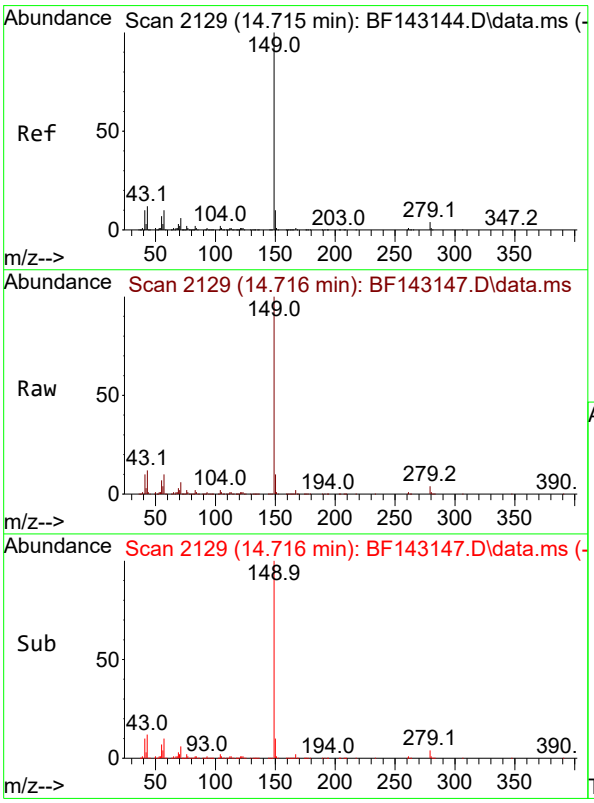
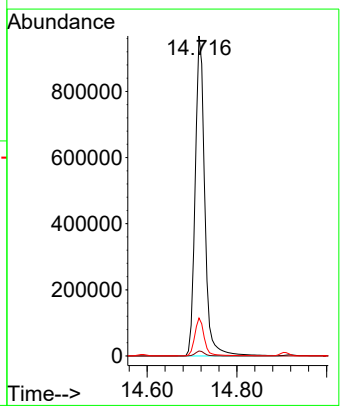
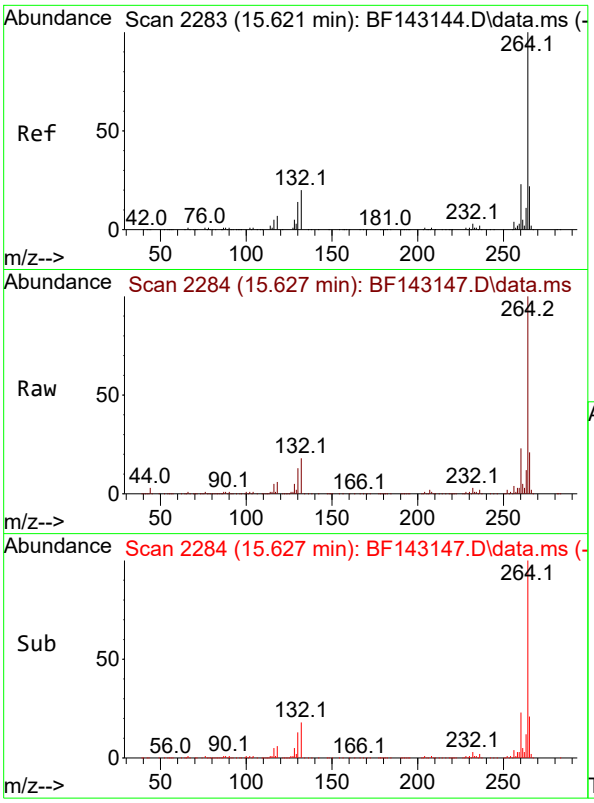



#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1434055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |

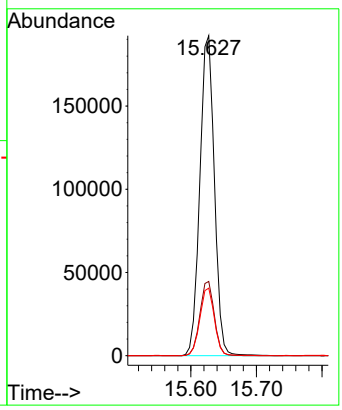





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 29668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 21.1 | 17.4 | 26.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
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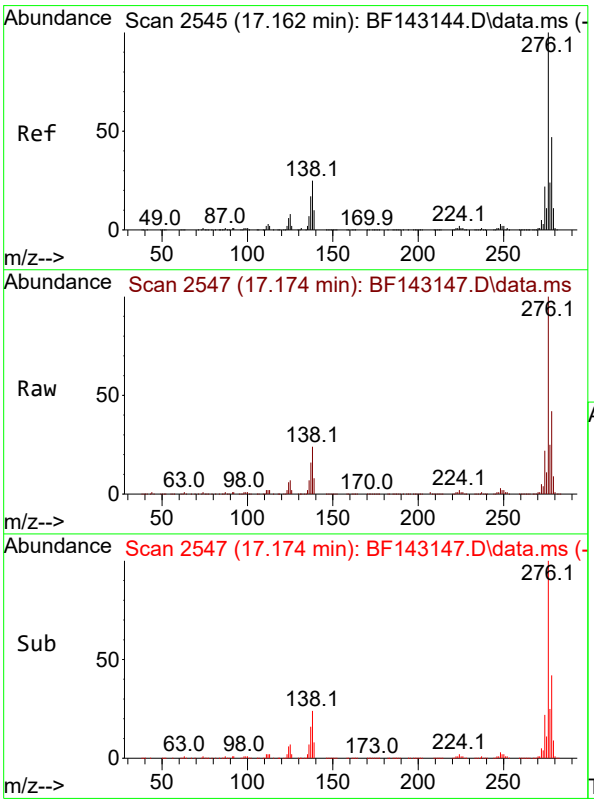
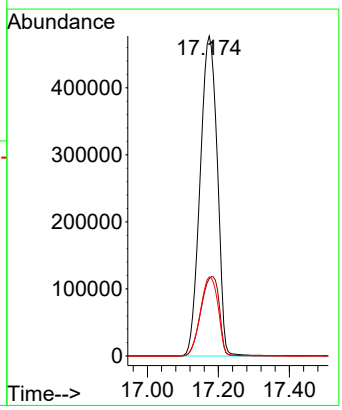
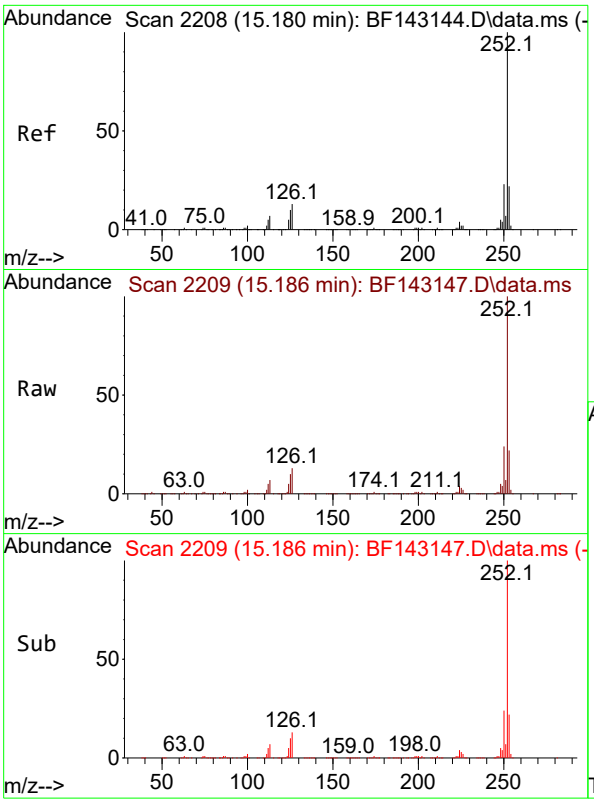



#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1604969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.5 | 21.8 | 32.6 |
| 277 | 25.5 | 20.0 | 30.0 |

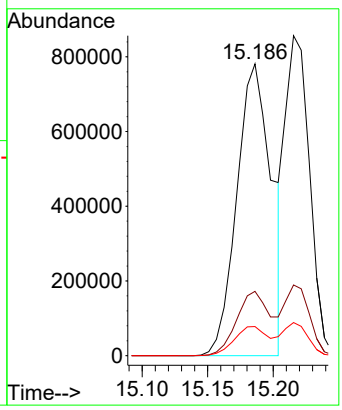





#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 143851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.5 | 26.3 |
| 125 | 10.0 | 8.0 | 12.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

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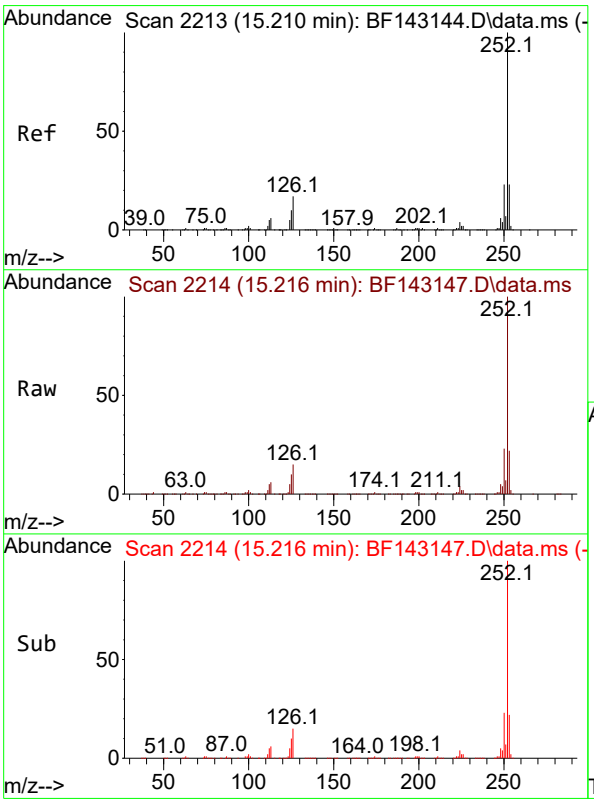
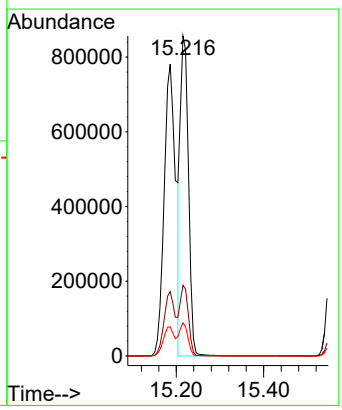
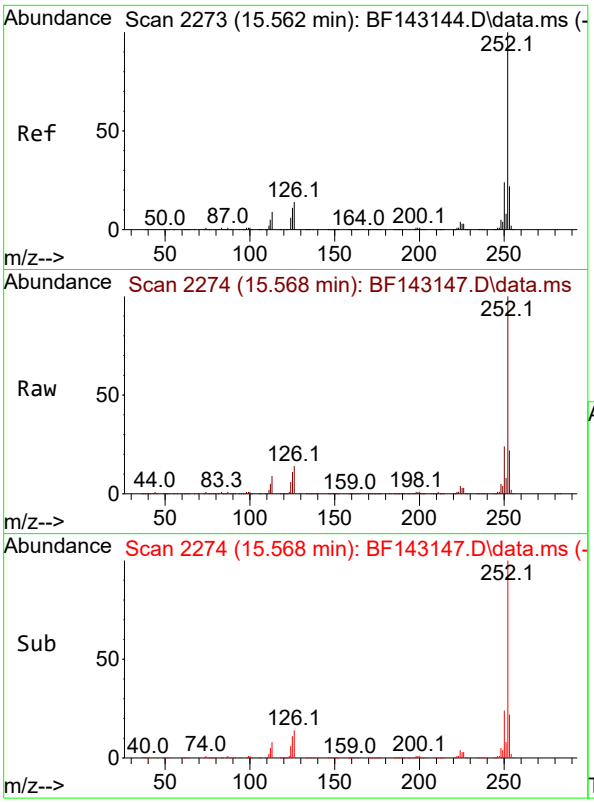



#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1111726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.4 | 8.1 | 12.1 |

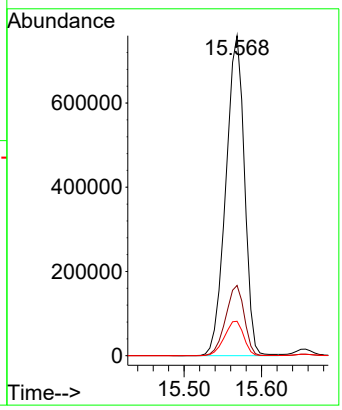





#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 126925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.3 | 25.9 |
| 125 | 10.8 | 8.6 | 13.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

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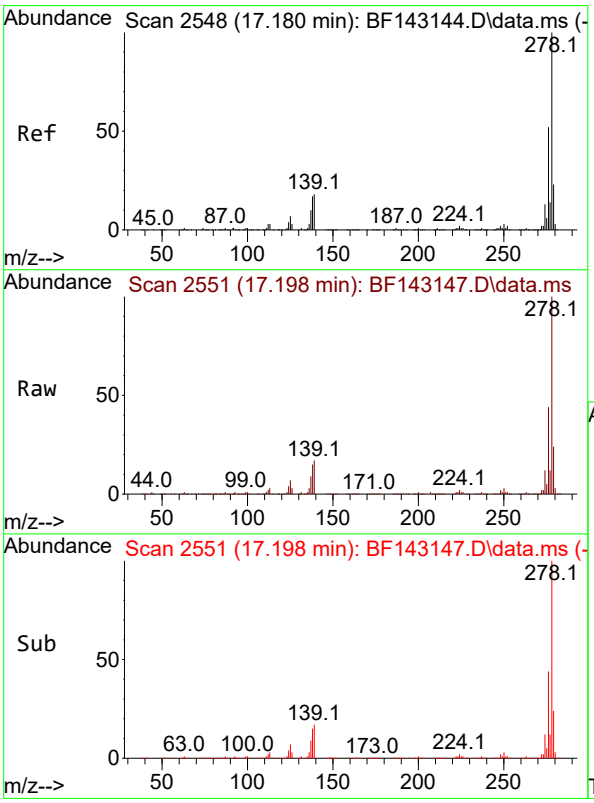
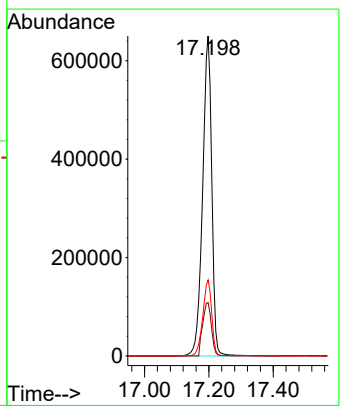
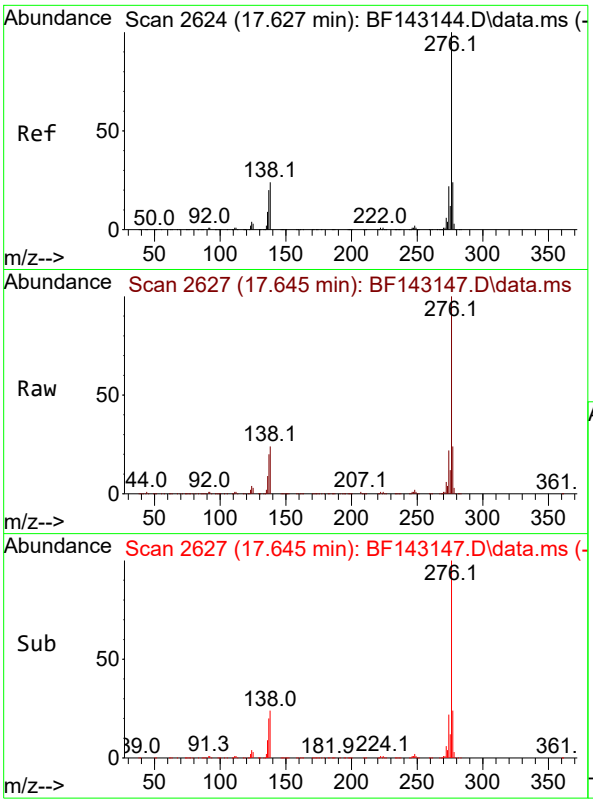



#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:278 Resp: 1289789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 14.1 | 21.1 |
| 279 | 23.8 | 18.6 | 28.0 |

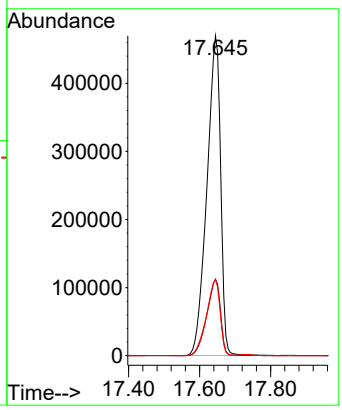





#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 126577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.1 | 28.7 |
| 138 | 23.7 | 18.9 | 28.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 143868 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 559677 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 287255 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 457098 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 265008 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 310192 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 701339 | 77.143 | ng | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 894087 | 78.133 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 811178 | 72.247 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 237309 | 79.969 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1449098 | 68.992 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1234701 | 69.333 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 165605 | 38.496 | ng | 98 |
| 3) Pyridine | 3.569 | 79 | 453367 | 40.604 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 235215 | 40.802 | ng | 97 |
| 6) Aniline | 6.622 | 93 | 655116 | 41.078 | ng | 99 |
| 8) 2-Chlorophenol | 6.745 | 128 | 395767 | 41.530 | ng | 99 |
| 9) Benzaldehyde | 6.510 | 77 | 321269 | 37.441 | ng | 98 |
| 10) Phenol | 6.598 | 94 | 508952m | 40.827 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 387791 | 40.628 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 418232 | 40.400 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 424629 | 40.731 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 411560 | 41.506 | ng | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 366608 | 41.958 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 732274 | 41.357 | ng | 100 |
| 17) 2-Methylphenol | 7.204 | 107 | 331709 | 41.398 | ng | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 151232 | 41.903 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 296171 | 40.342 | ng | 100 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 412065 | 42.387 | ng | 98 |
| 22) Acetophenone | 7.369 | 105 | 533464 | 40.260 | ng | 99 |
| 24) Nitrobenzene | 7.539 | 77 | 436834 | 41.731 | ng | 98 |
| 25) Isophorone | 7.781 | 82 | 804071 | 40.567 | ng | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 203967 | 44.896 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.886 | 122 | 377575 | 40.773 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 474637 | 39.939 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 319216 | 40.875 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 342135 | 40.551 | ng | 99 |
| 31) Naphthalene | 8.269 | 128 | 1106482 | 40.143 | ng | 100 |
| 32) Benzoic acid | 7.986 | 122 | 202337 | 39.782 | ng | 98 |
| 33) 4-Chloroaniline | 8.310 | 127 | 457742 | 40.671 | ng | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 212781 | 41.284 | ng | 100 |
| 35) Caprolactam | 8.675 | 113 | 96661 | 40.959 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.780 | 107 | 344726 | 40.611 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 675594 | 40.279 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 703170 | 40.712 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 339567 | 40.944 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 231349 | 42.872 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 231043 | 40.253 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 246820 | 42.989 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 920059 | 41.053 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 666359 | 40.184 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 227376 | 43.723 | ng | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 1111992 | 40.013 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 753041 | 40.218 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 166911 | 43.820 | ng | 98 |
| 52) Acenaphthene | 10.033 | 154 | 659908 | 40.176 | ng | 99 |
| 53) 3-Nitroaniline | 9.939 | 138 | 191512 | 42.985 | ng | 98 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 64659 | 40.998 | ng | 98 |
| 55) Dibenzofuran | 10.204 | 168 | 974991 | 39.981 | ng | 100 |
| 56) 4-Nitrophenol | 10.086 | 139 | 140876 | 42.344 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 212369 | 44.440 | ng | 97 |
| 58) Fluorene | 10.551 | 166 | 717816 | 39.219 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 198530 | 41.743 | ng | 99 |
| 60) Diethylphthalate | 10.416 | 149 | 753774 | 40.729 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 367981 | 40.377 | ng | 99 |
| 62) 4-Nitroaniline | 10.551 | 138 | 160193 | 41.953 | ng | 98 |
| 63) Azobenzene | 10.698 | 77 | 779524 | 40.414 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 98462 | 41.869 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 647855 | 40.250 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 222405 | 40.828 | ng | 100 |
| 68) Hexachlorobenzene | 11.098 | 284 | 229272 | 40.268 | ng | 100 |
| 69) Atrazine | 11.174 | 200 | 189104 | 42.615 | ng | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 141608 | 42.292 | ng | 99 |
| 71) Phenanthrene | 11.510 | 178 | 971448 | 40.026 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1003925 | 40.557 | ng | 99 |
| 73) Carbazole | 11.710 | 167 | 874867 | 40.476 | ng | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1035244 | 42.330 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 909717 | 40.836 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 441470 | 43.239 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 902771 | 39.916 | ng | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 303528 | 43.827 | ng | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 708799 | 39.950 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 258837 | 43.772 | ng | 100 |
| 83) Chrysene | 14.145 | 228 | 673701 | 42.233 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 456811 | 43.578 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 818512 | 43.077 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 896404 | 40.983 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 820119 | 43.278 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.209 | 252 | 634642 | 37.531 | ng | 99 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 708756 | 40.594 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 724758 | 40.710 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 712864 | 41.394 | ng | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

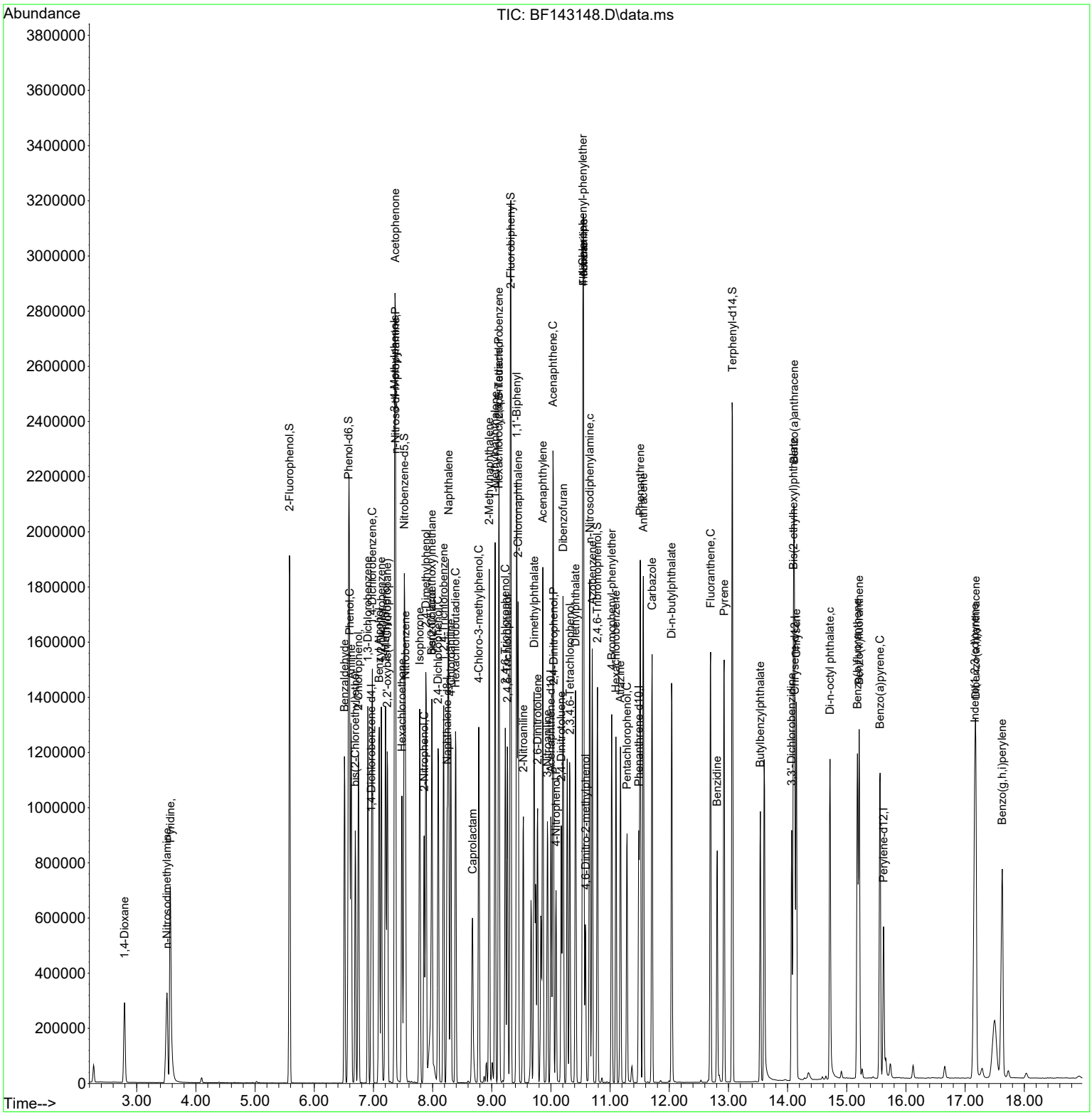
ICAL Form

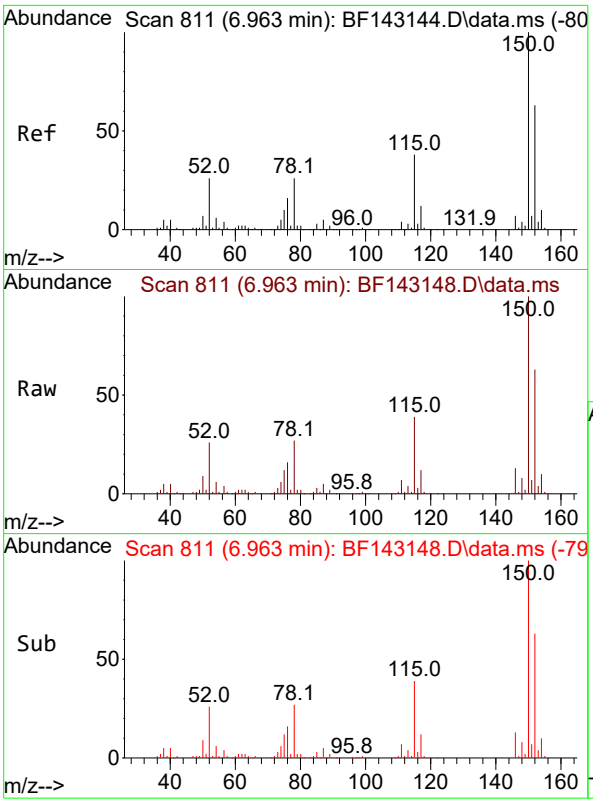
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

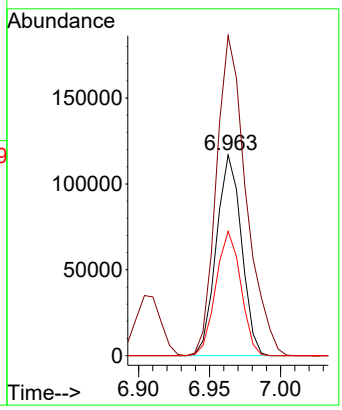





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 14386

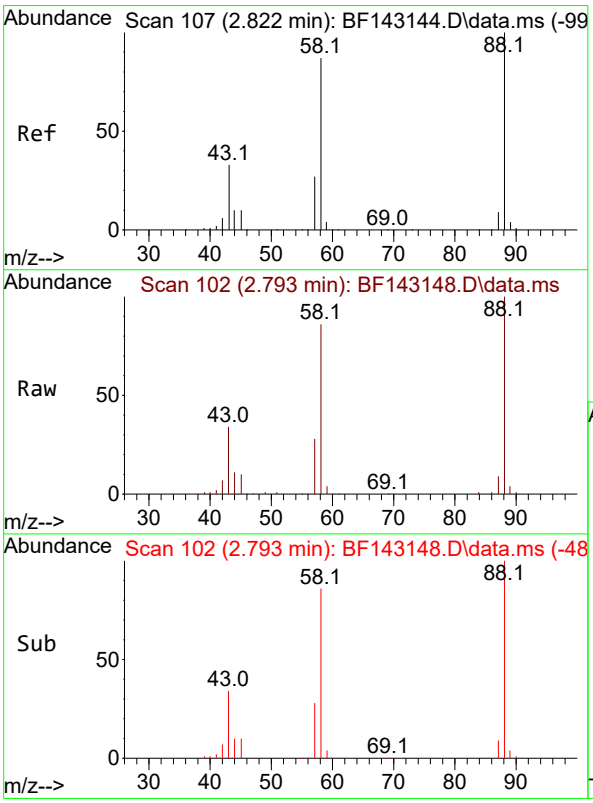
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 128.2 | 192.4 |
| 115 | 62.0 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

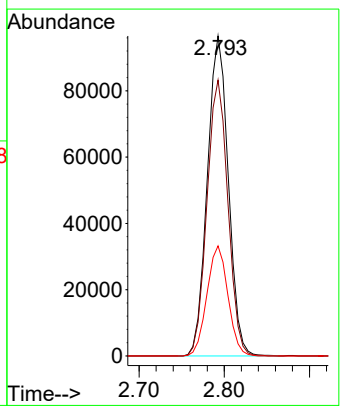
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

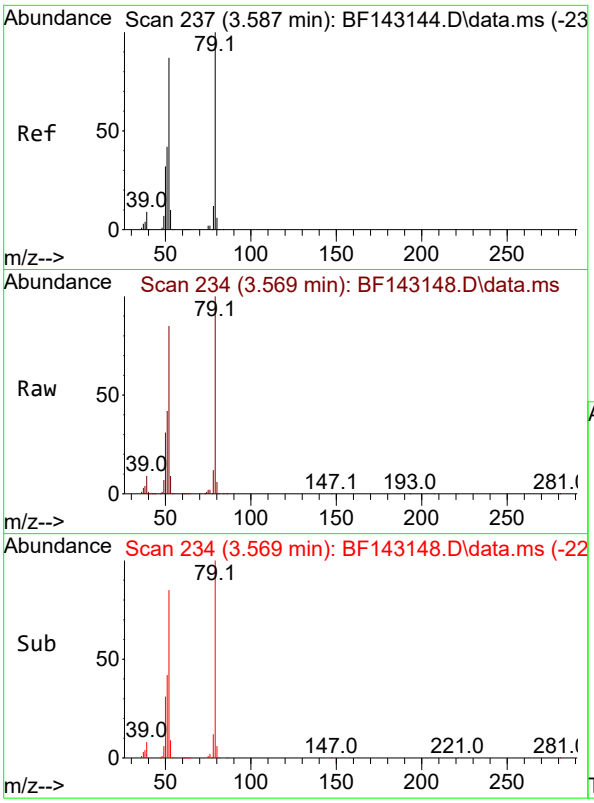



#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.0 | 70.2 | 105.2 |
| 43 | 34.4 | 27.1 | 40.7 |

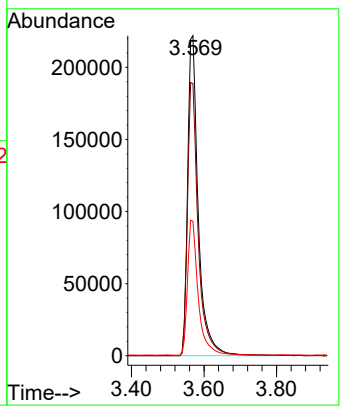





#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 45336

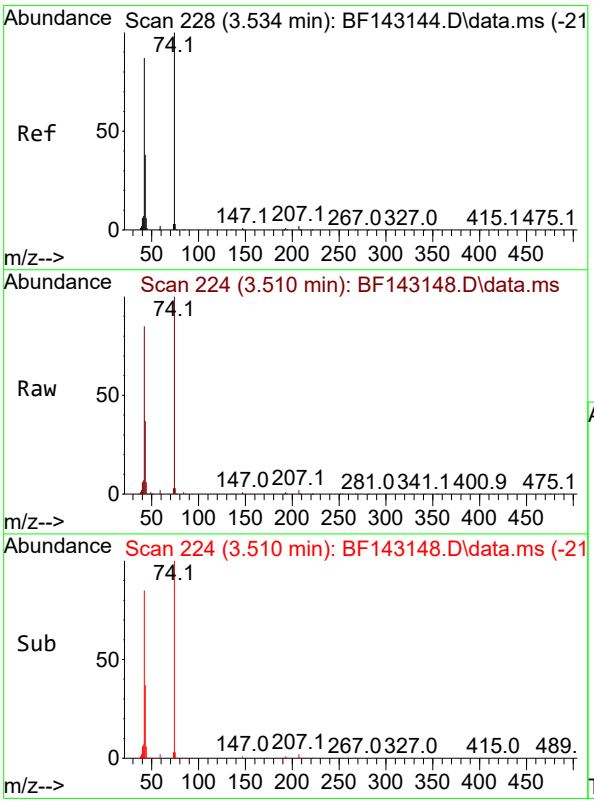
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.0 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

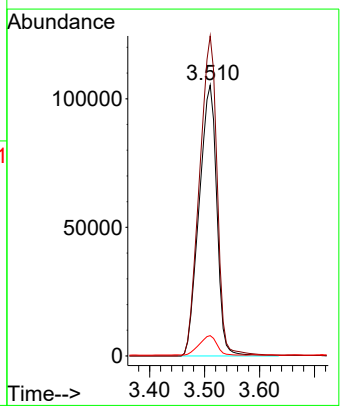
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

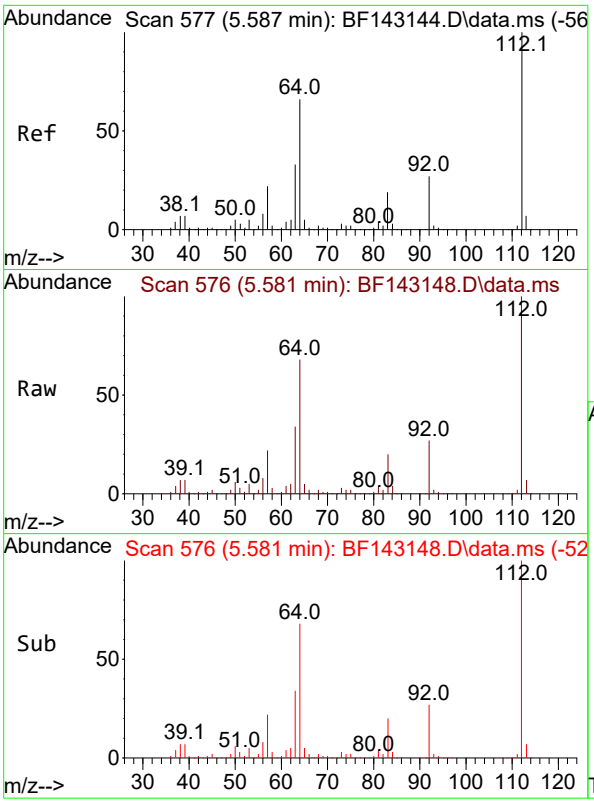



#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.1 | 91.7 | 137.5 |
| 44 | 7.5 | 5.6 | 8.4 |






#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

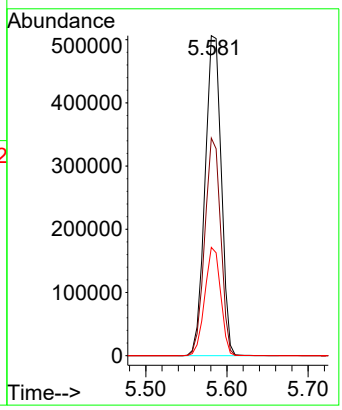
Tgt Ion:112 Resp: 70133

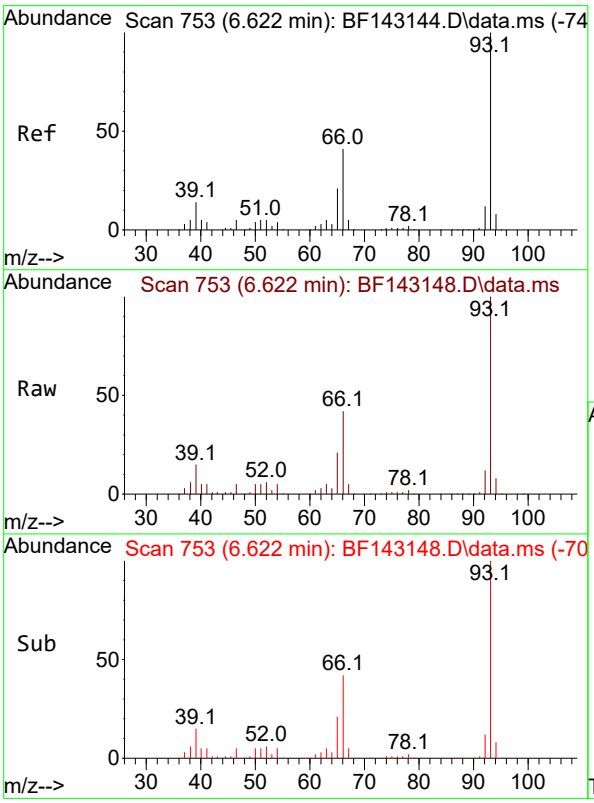
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.0 | 53.1 | 79.7 |
| 63 | 33.9 | 26.6 | 40.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

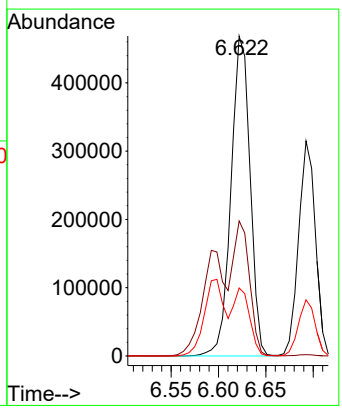


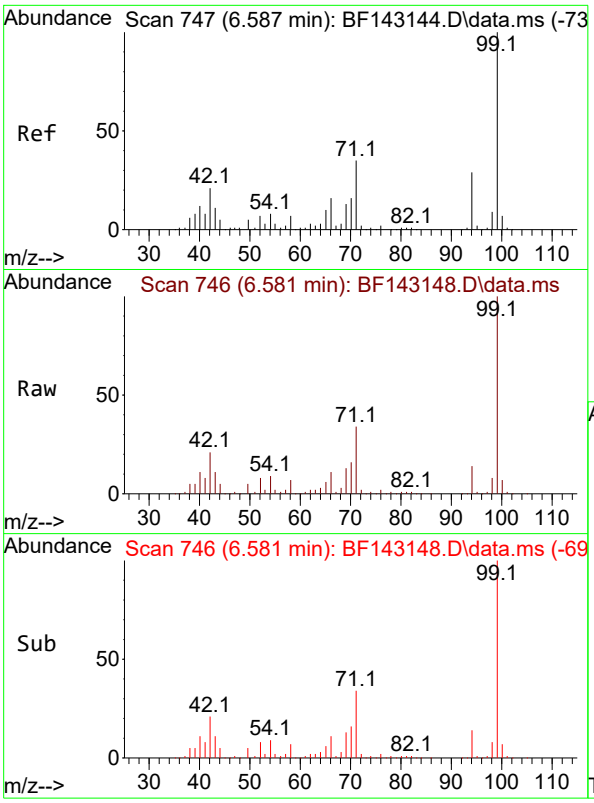




#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.2 | 33.2 | 49.8 |
| 65 | 21.3 | 16.9 | 25.3 |

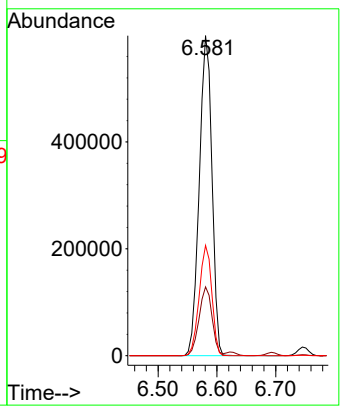





#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 99 Resp: 89408

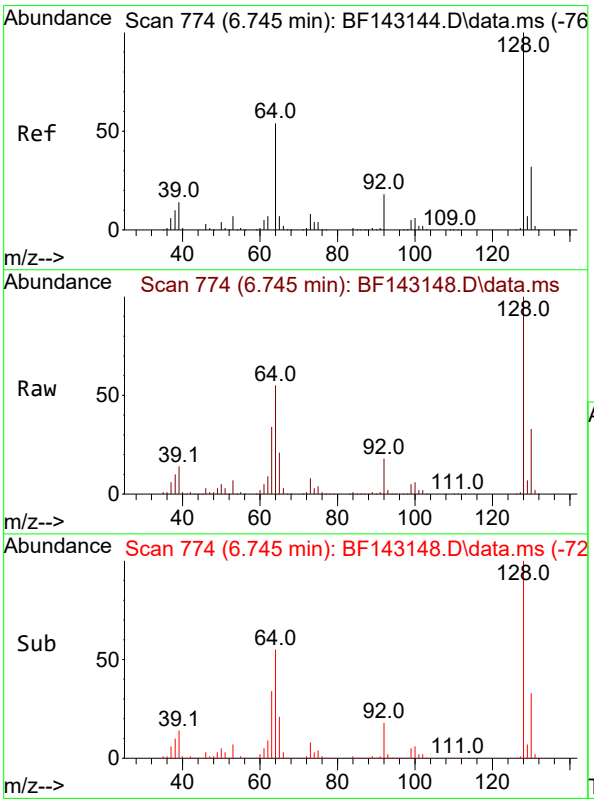
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 17.0 | 25.6 |
| 71 | 34.5 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

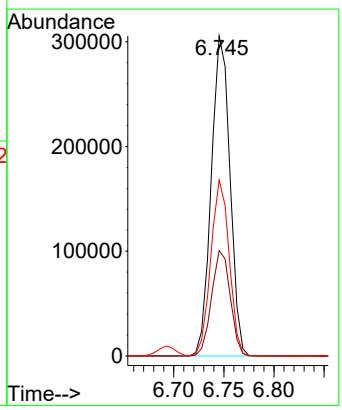
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

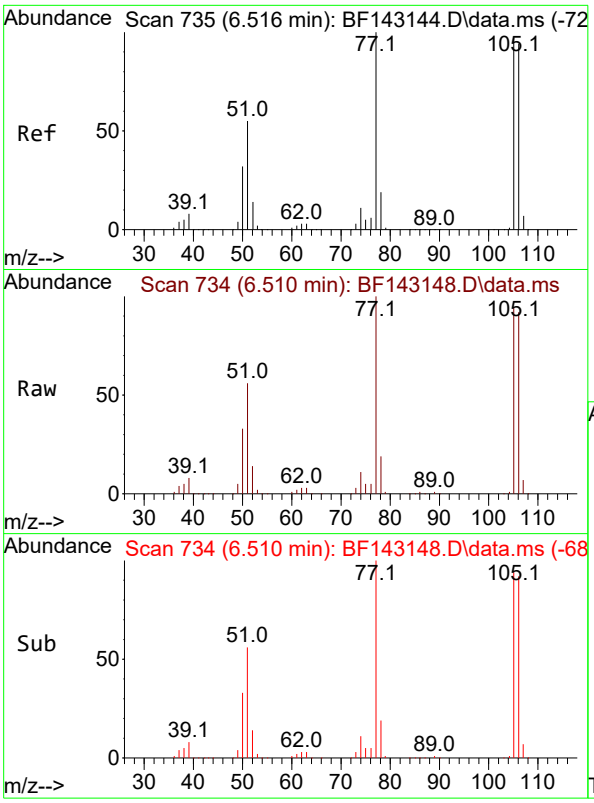



#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 54.9 | 35.9 | 75.9 |

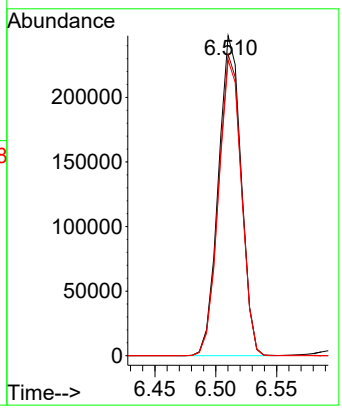





#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 32126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.2 | 76.8 | 116.8 |
| 106 | 92.4 | 74.4 | 114.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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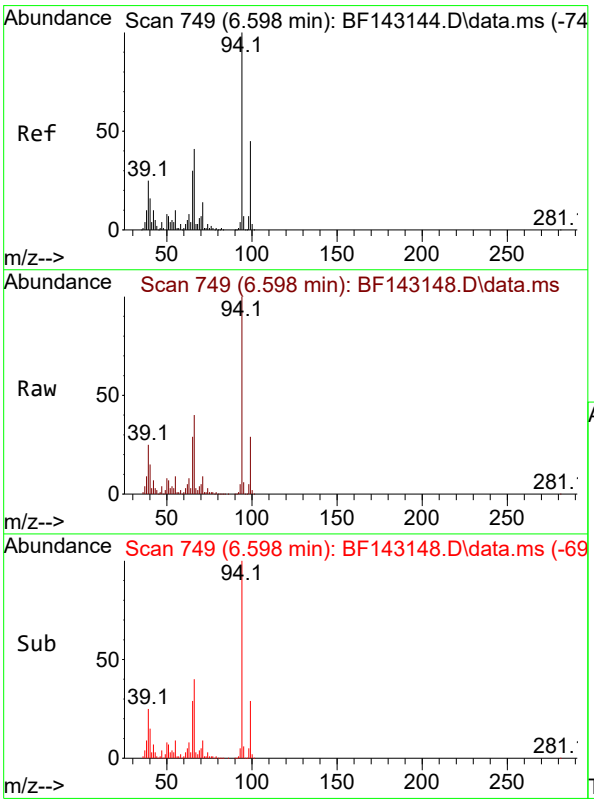
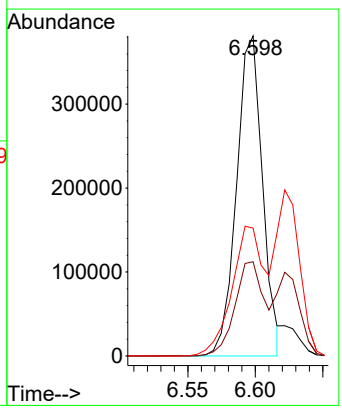
Supervised By :Jagrut Upadhyay 07/18/2025

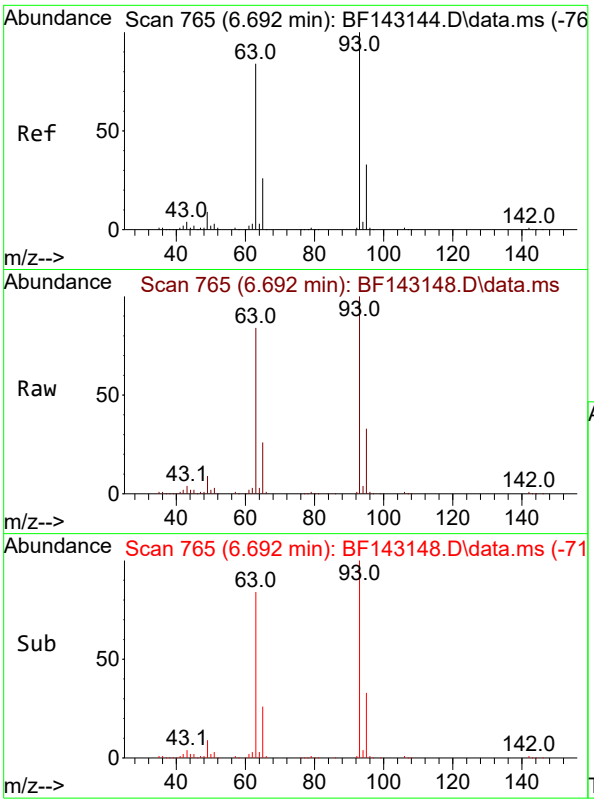



#10
Phenol
Concen: 40.827 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 508952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.0 | 50.0 |
| 66 | 40.0 | 20.8 | 60.8 |

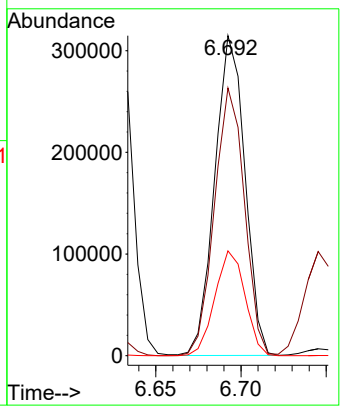





#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 38779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.7 | 63.4 | 103.4 |
| 95 | 32.7 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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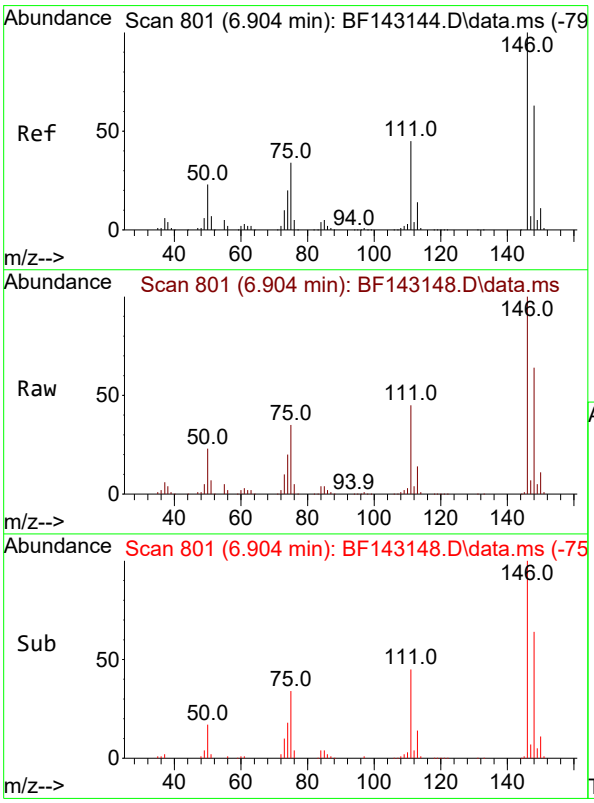
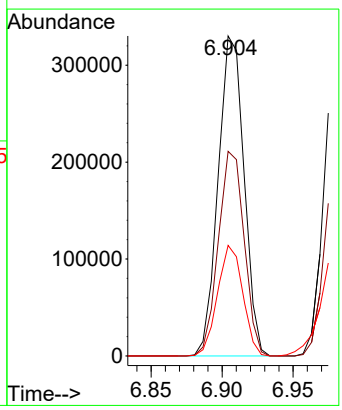
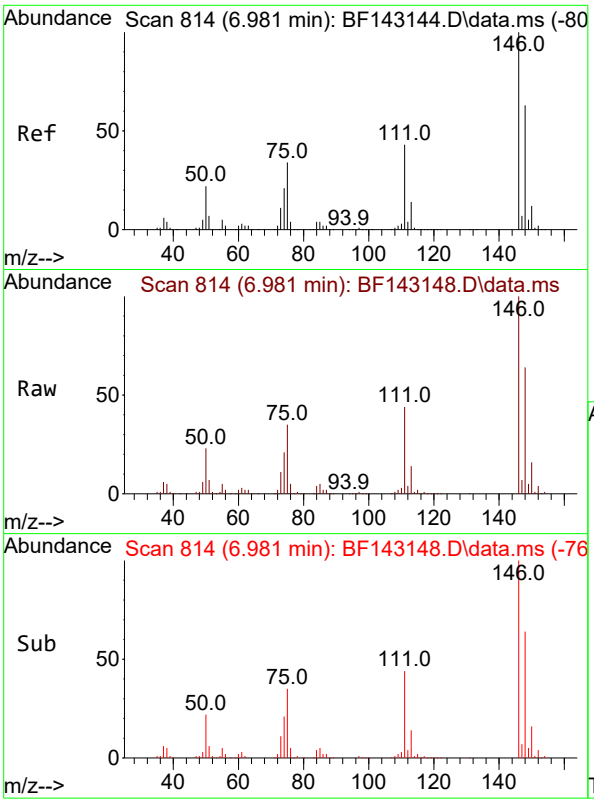



#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 50.6 | 76.0 |
| 75 | 34.6 | 27.4 | 41.2 |






#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 42462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.3 | 75.5 |
| 111 | 43.8 | 34.4 | 51.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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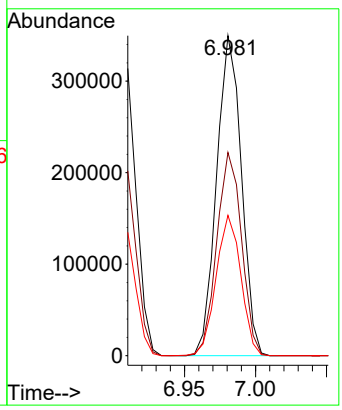
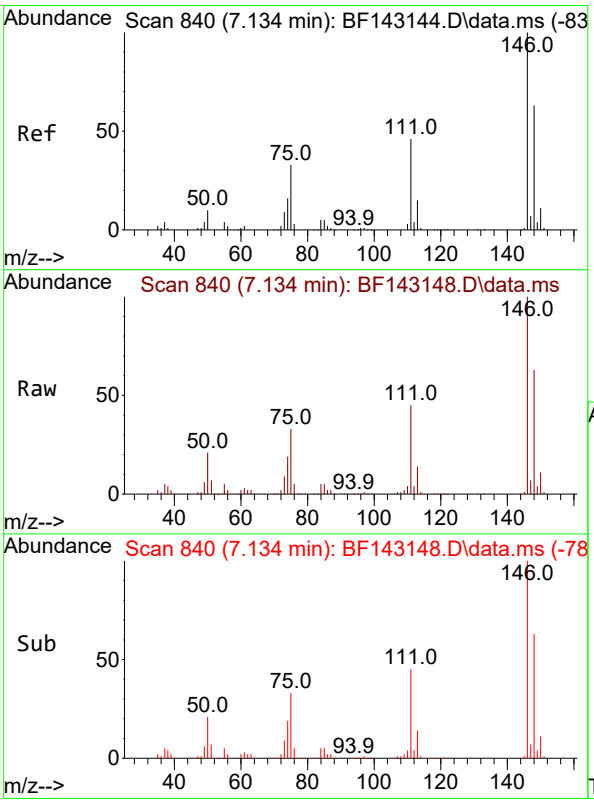
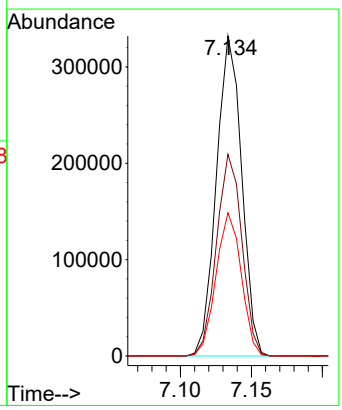


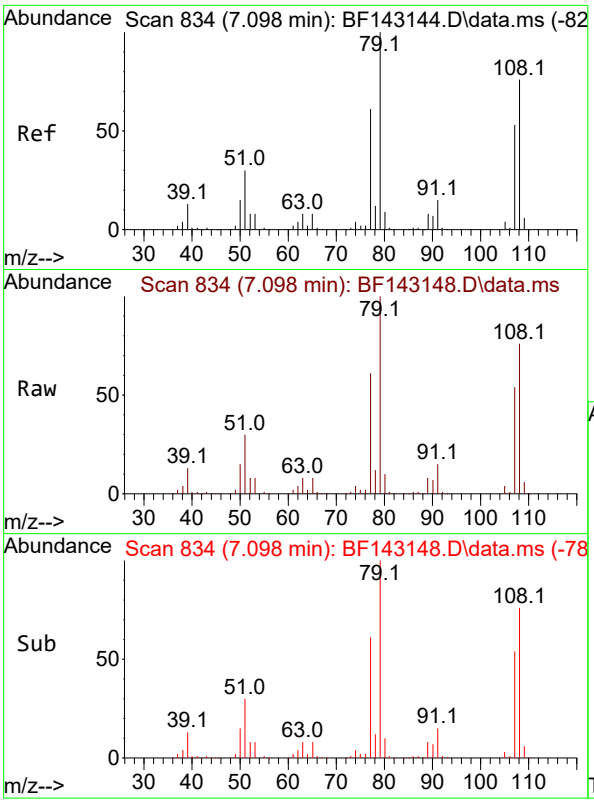




#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.7 | 76.1 |
| 111 | 44.8 | 36.6 | 54.8 |

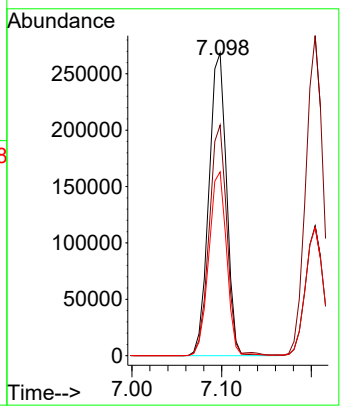





#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 79 Resp: 36660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.2 | 61.1 | 91.7 |
| 77 | 60.8 | 48.9 | 73.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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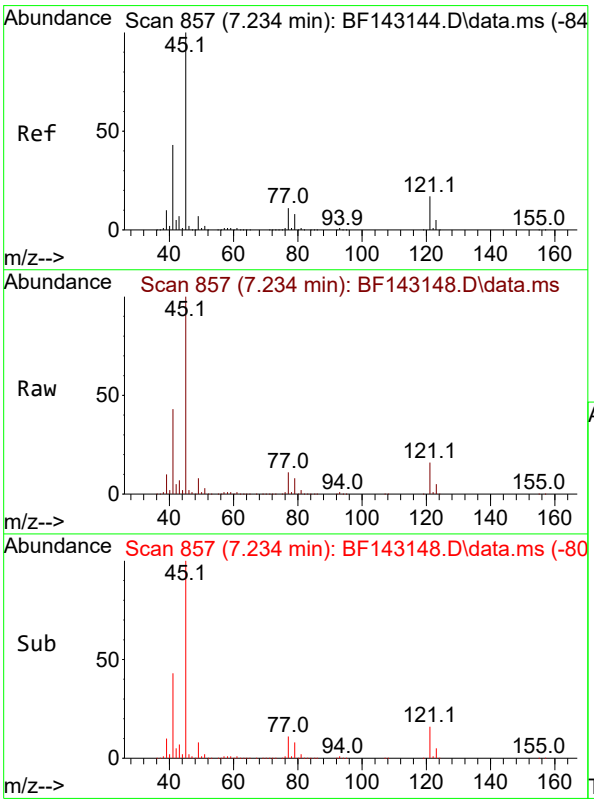
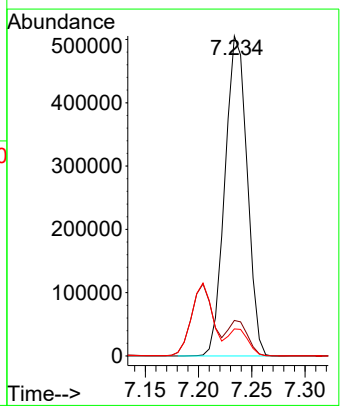
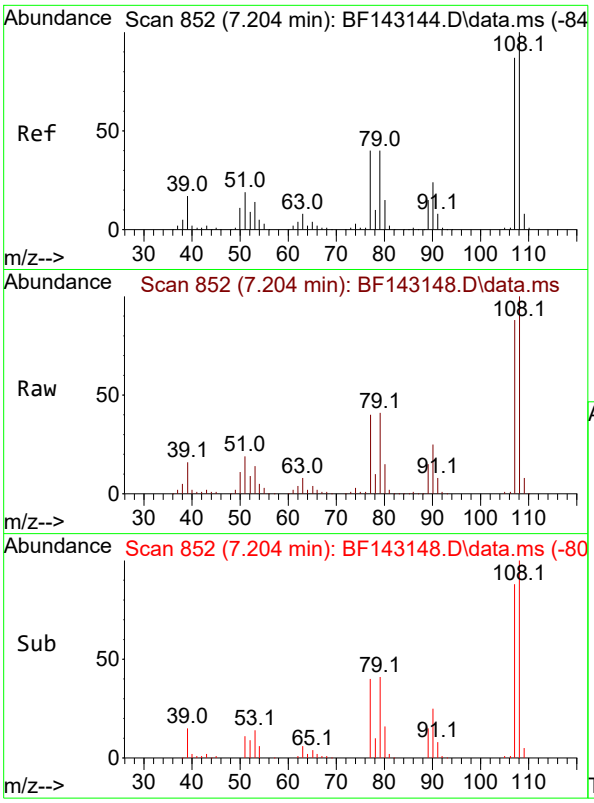



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.1 | 0.0 | 31.2 |
| 79 | 8.5 | 0.0 | 28.5 |

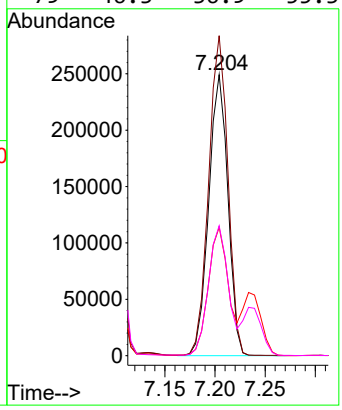





#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 33170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.8 | 137.6 |
| 77 | 45.7 | 37.0 | 55.6 |
| 79 | 46.3 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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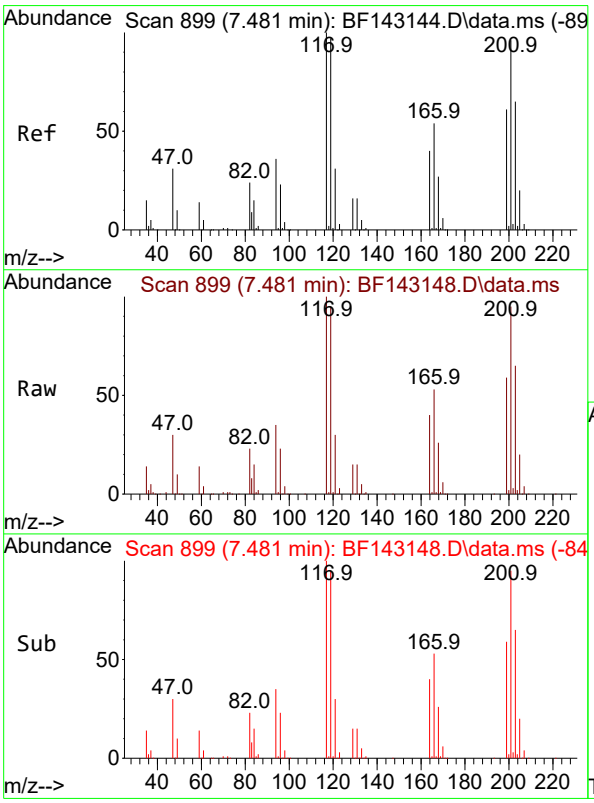
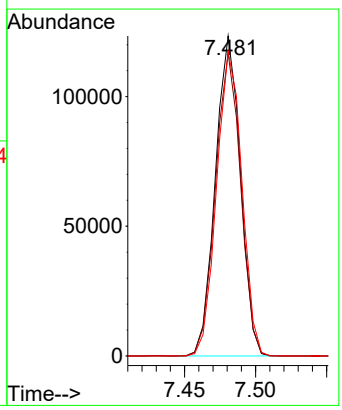
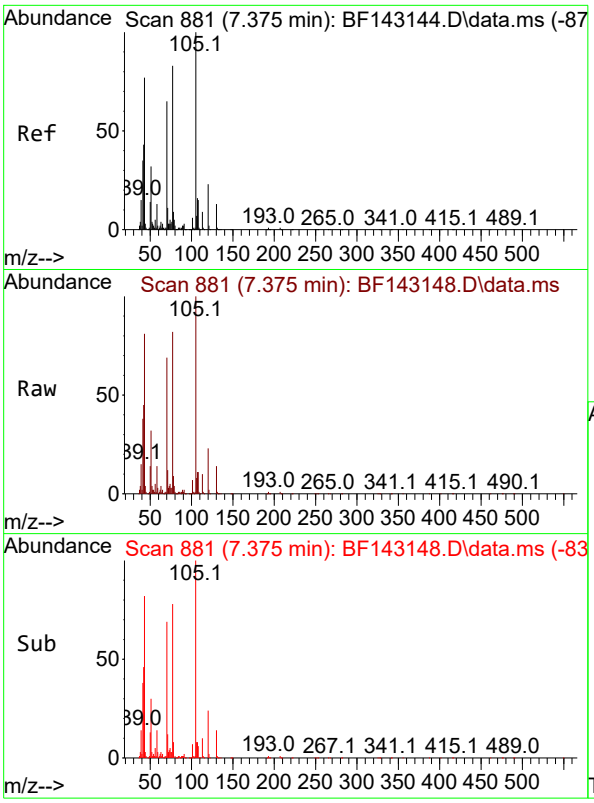



#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.8 | 116.8 |
| 201 | 95.2 | 77.0 | 115.4 |

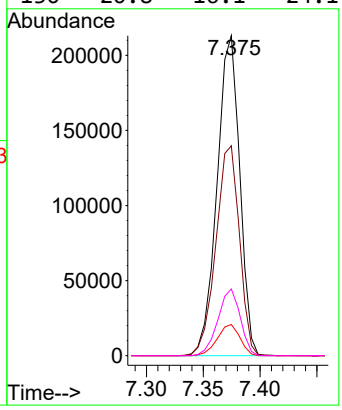





#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 70 Resp: 29617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.6 | 52.5 | 78.7 |
| 101 | 9.8 | 7.6 | 11.4 |
| 130 | 20.8 | 16.1 | 24.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
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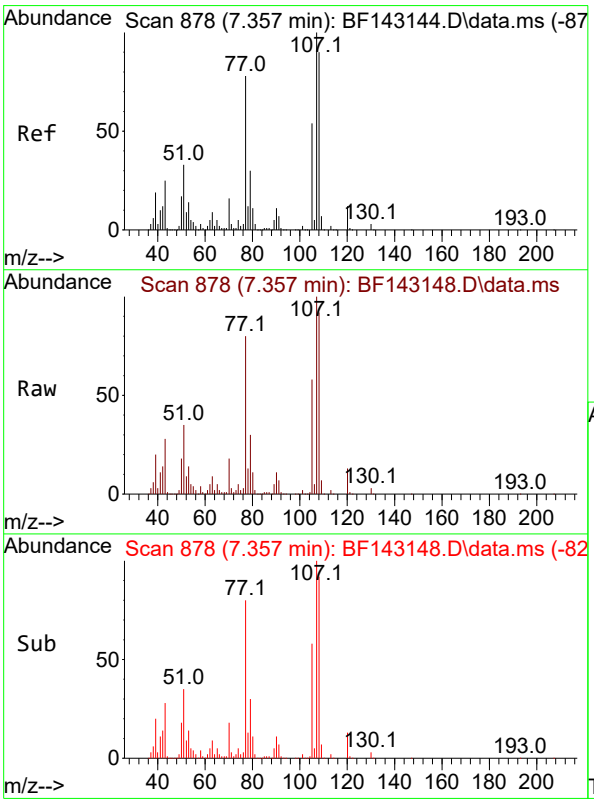
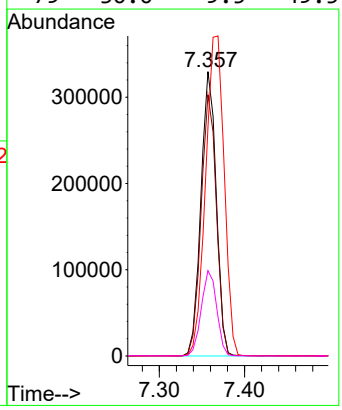
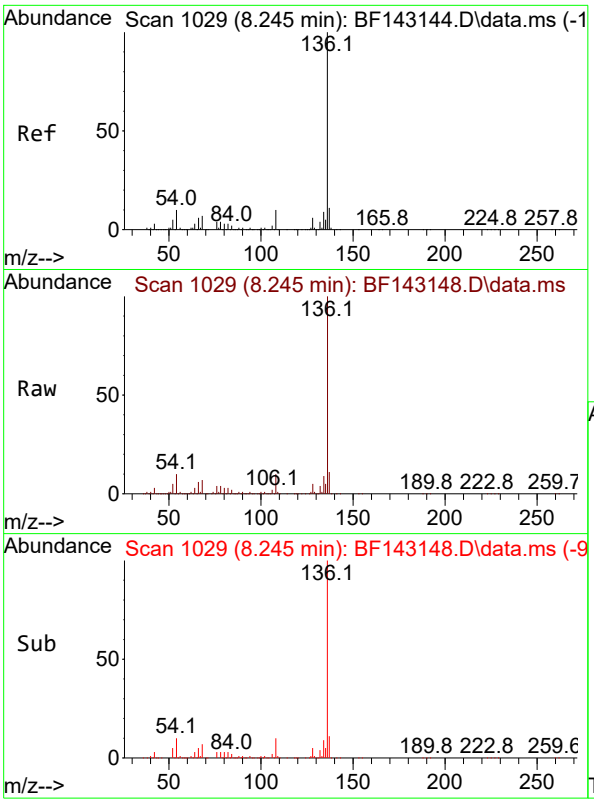



#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.8 | 70.0 | 110.0 |
| 77 | 80.5 | 57.8 | 97.8 |
| 79 | 30.0 | 9.5 | 49.5 |

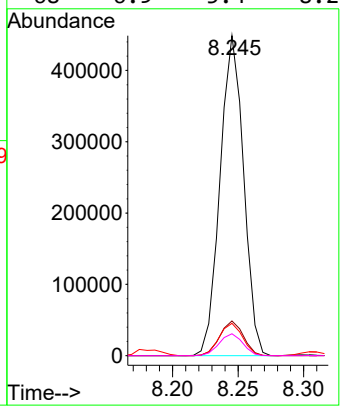





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:136 Resp: 55967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.1 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |




**Instrument :**
BNA_F
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ICVBF071725

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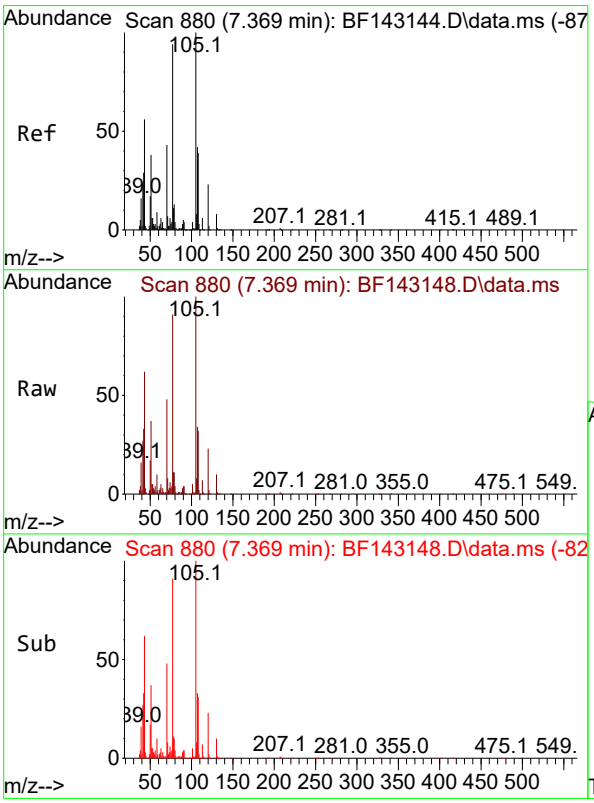
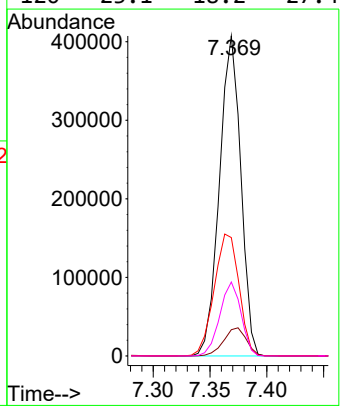
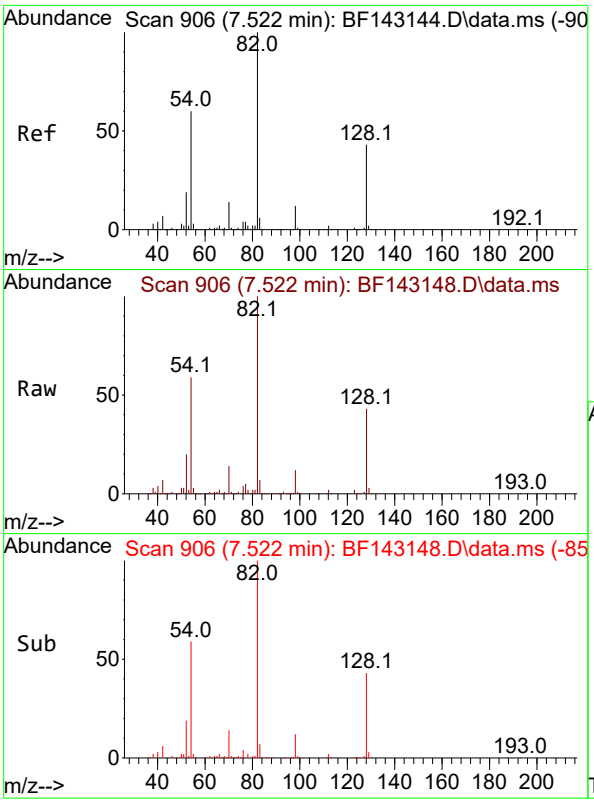



#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.2 | 5.8 | 8.6 |
| 51 | 37.0 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 81117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
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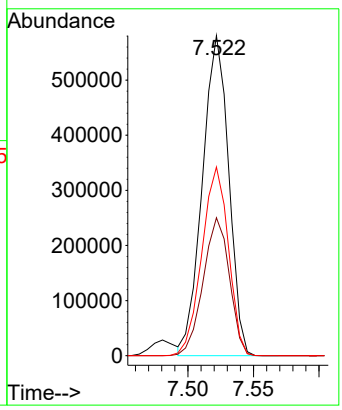
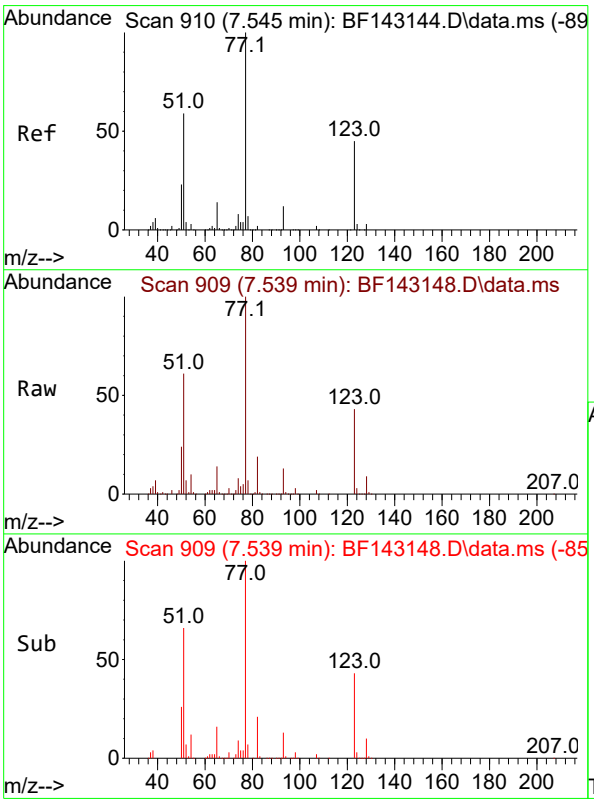
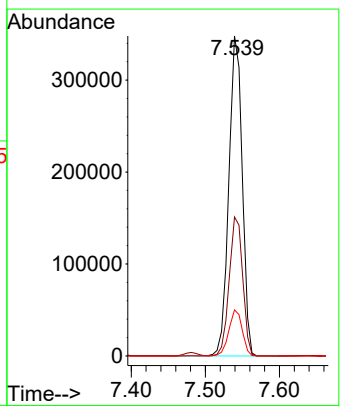


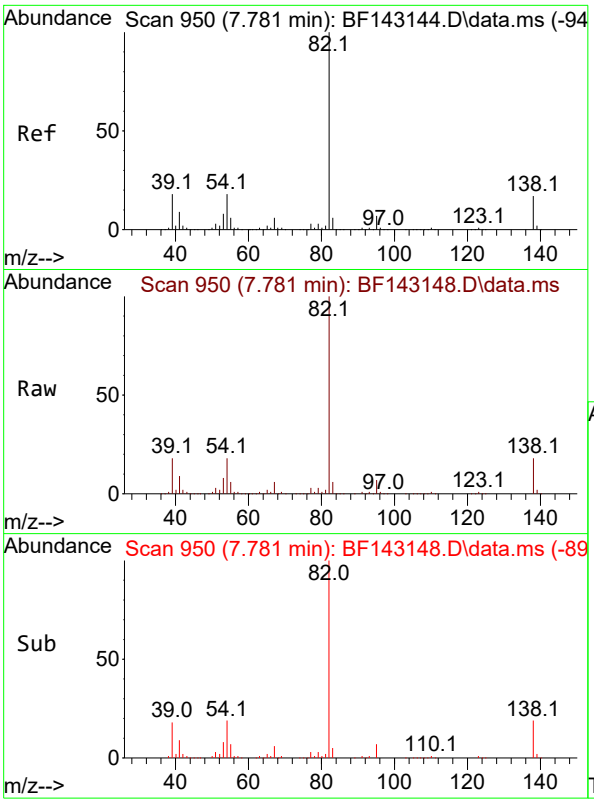




#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |

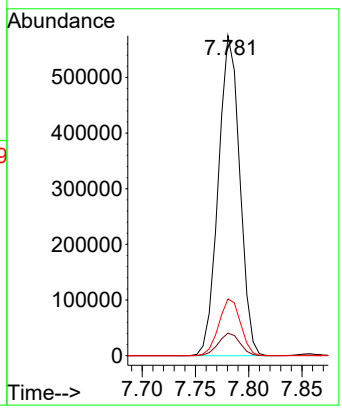





#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 82 Resp: 80407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.8 | 13.8 | 20.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
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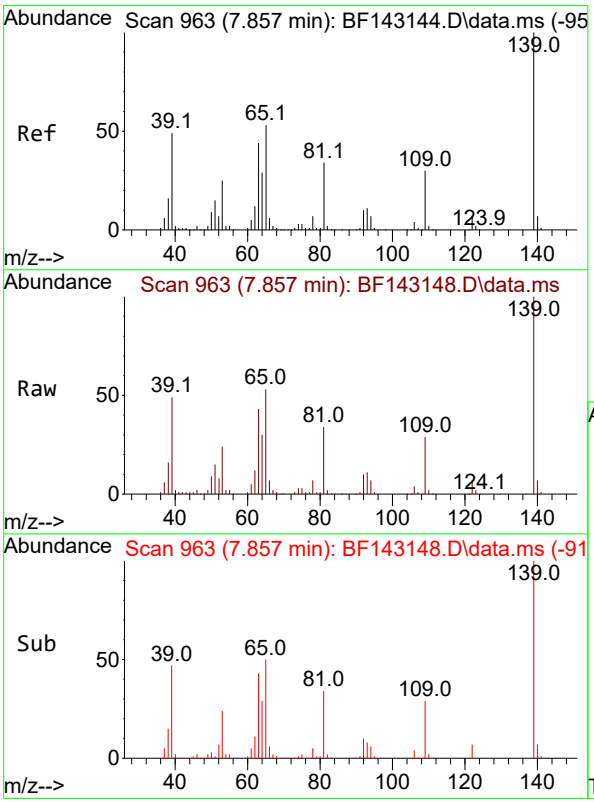
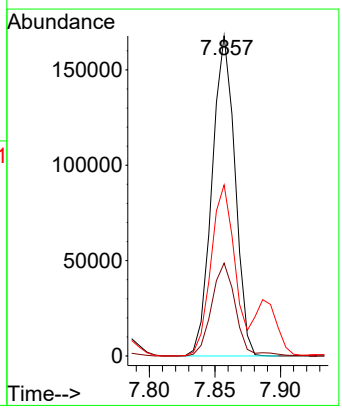
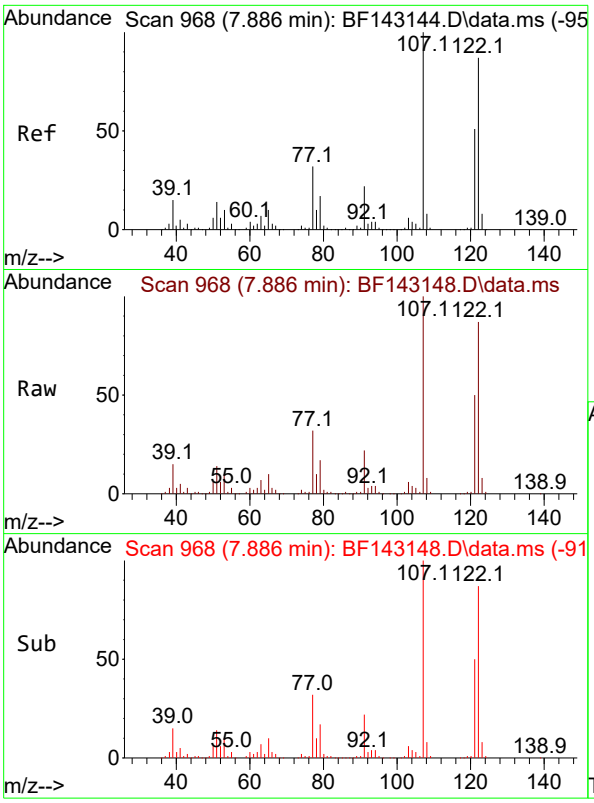



#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 53.4 | 42.6 | 64.0 |

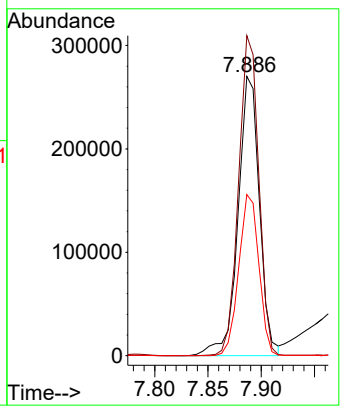





#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 37757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.6 | 91.8 | 137.6 |
| 121 | 57.7 | 46.3 | 69.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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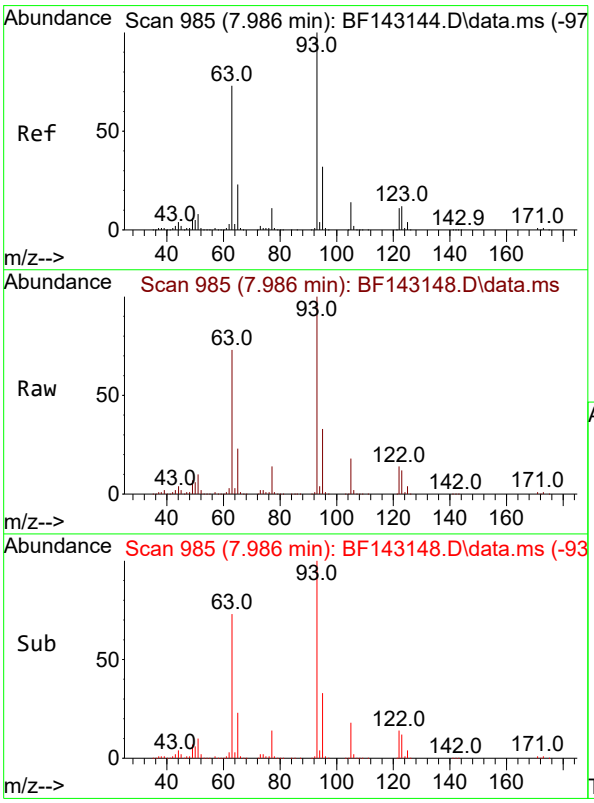
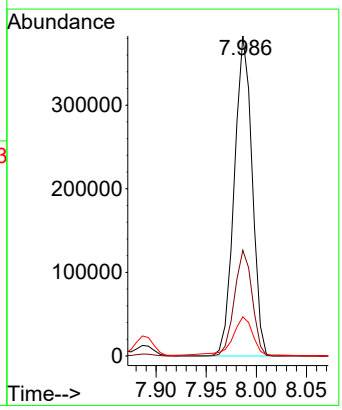
Supervised By :Jagrut Upadhyay 07/18/2025

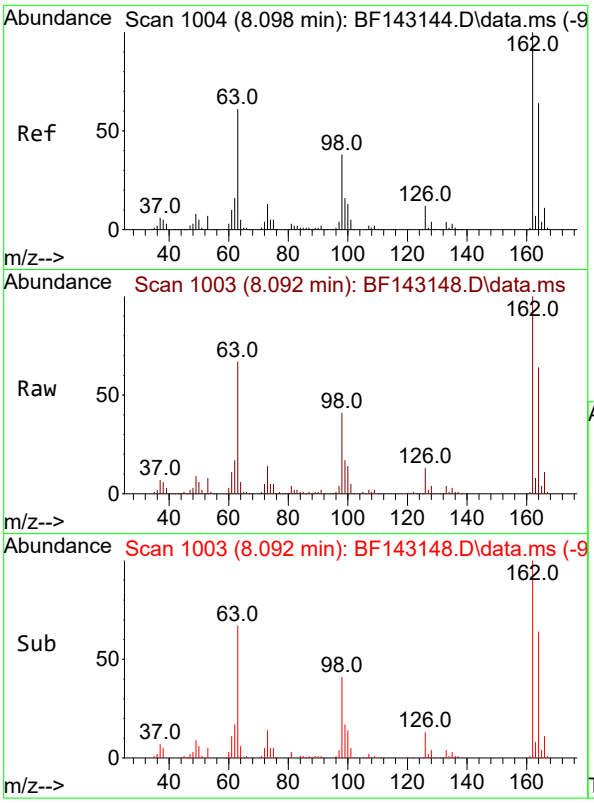



#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |

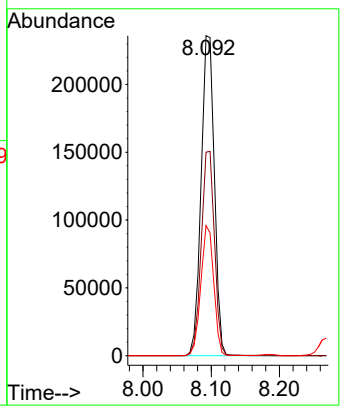





#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 31921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 44.2 | 84.2 |
| 98 | 40.7 | 17.9 | 57.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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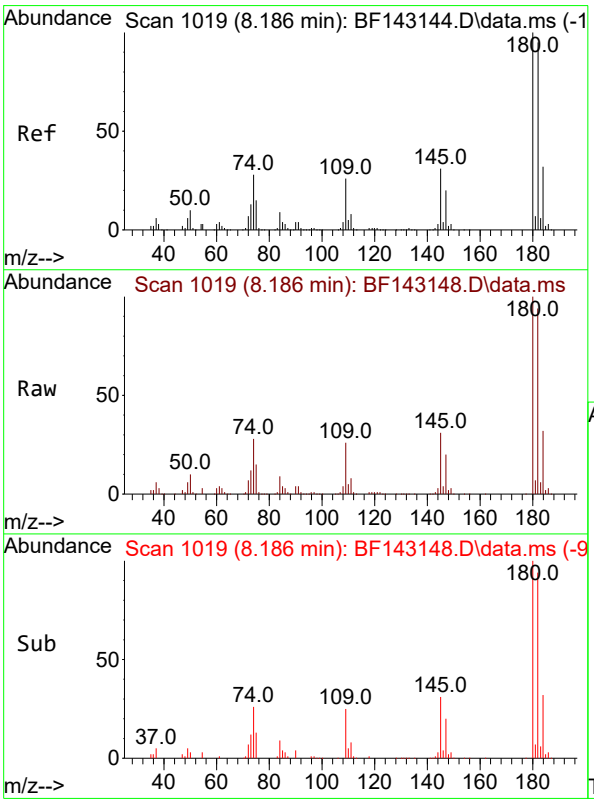
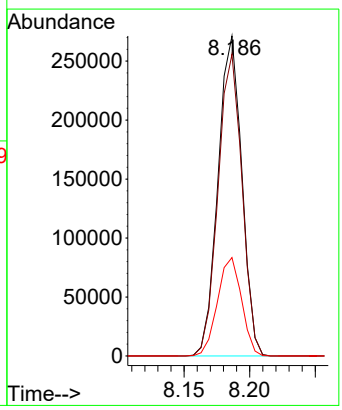
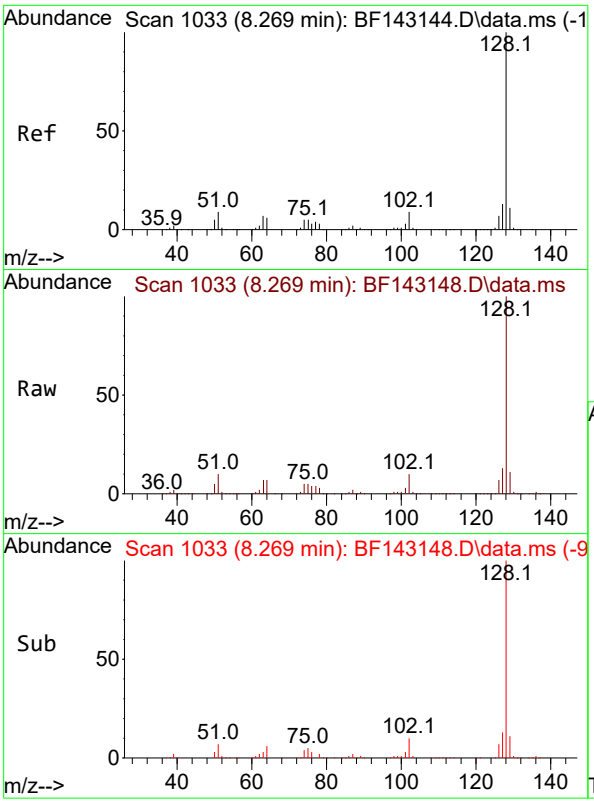



#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 30.8 | 25.0 | 37.6 |

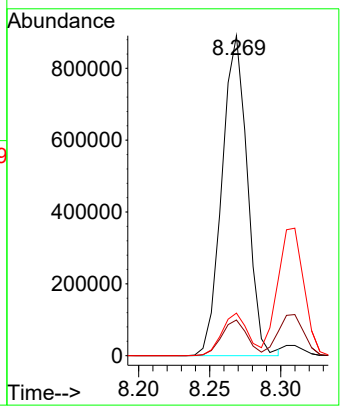





#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 110648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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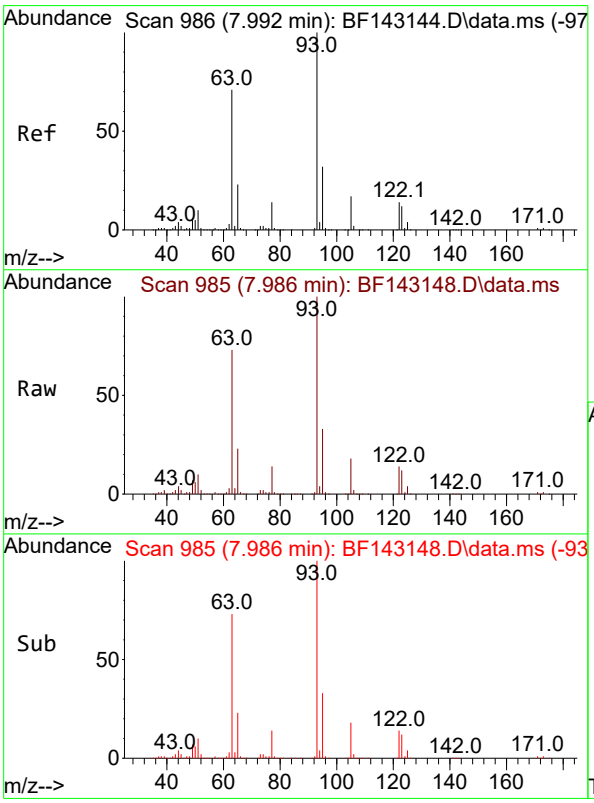
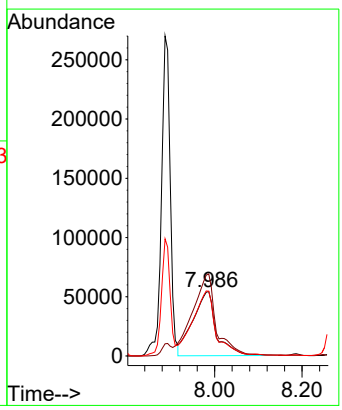
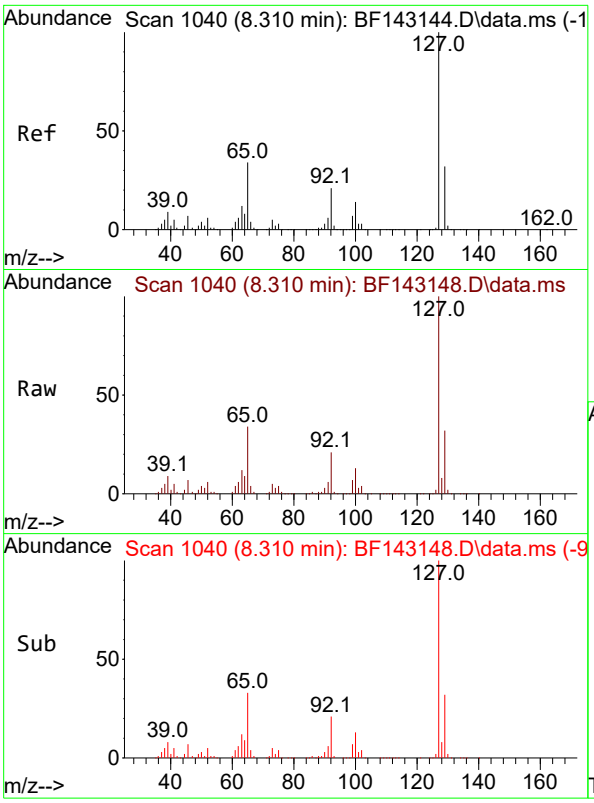



#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.2 | 104.8 | 144.8 |
| 77 | 100.3 | 77.6 | 117.6 |

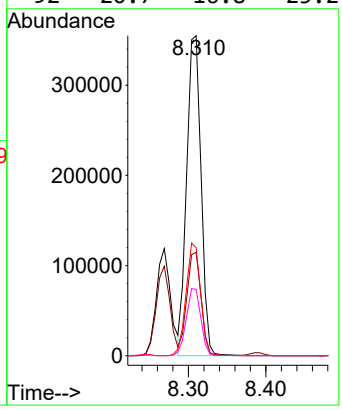





#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:127 Resp: 45774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.0 | 39.0 |
| 65 | 33.8 | 27.4 | 41.2 |
| 92 | 20.7 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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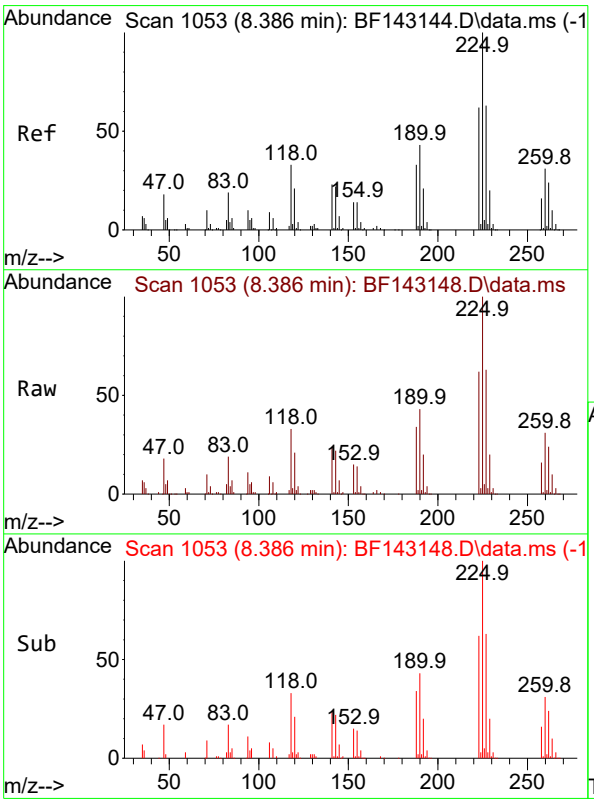
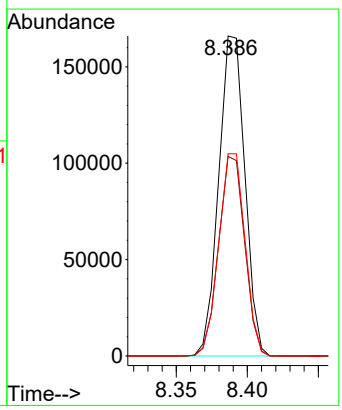
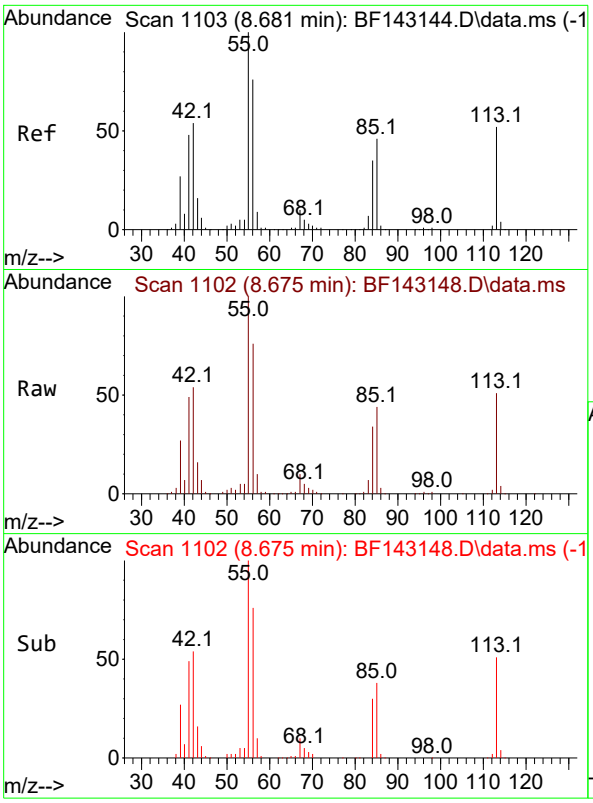



#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 63.2 | 50.2 | 75.4 |

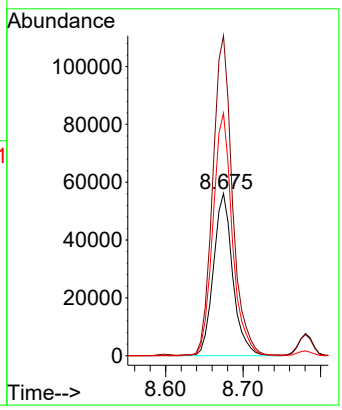





#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:113 Resp: 9666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 197.3 | 174.0 | 214.0 |
| 56 | 149.4 | 126.6 | 166.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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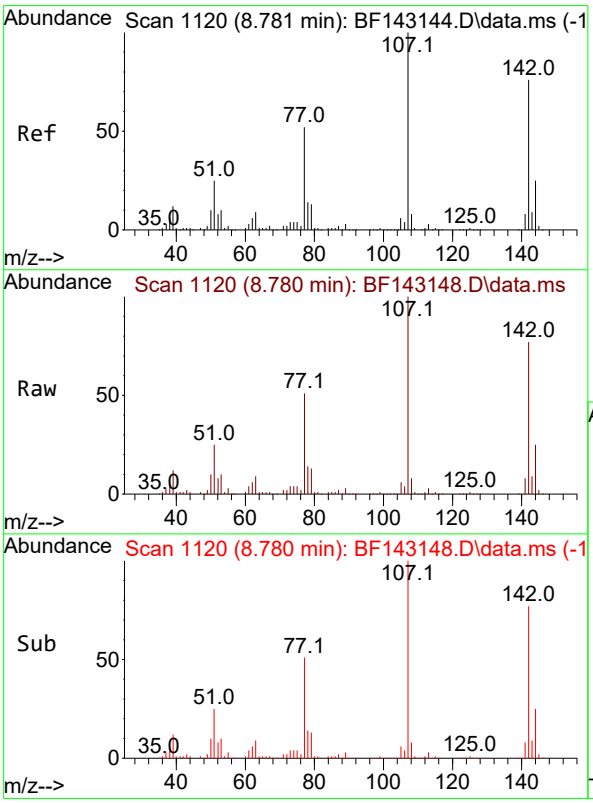
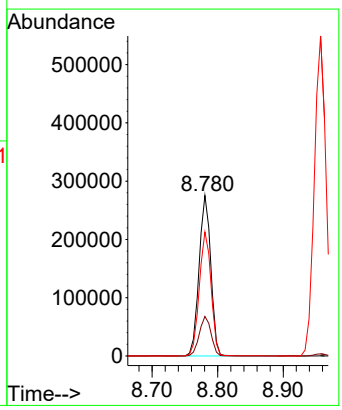
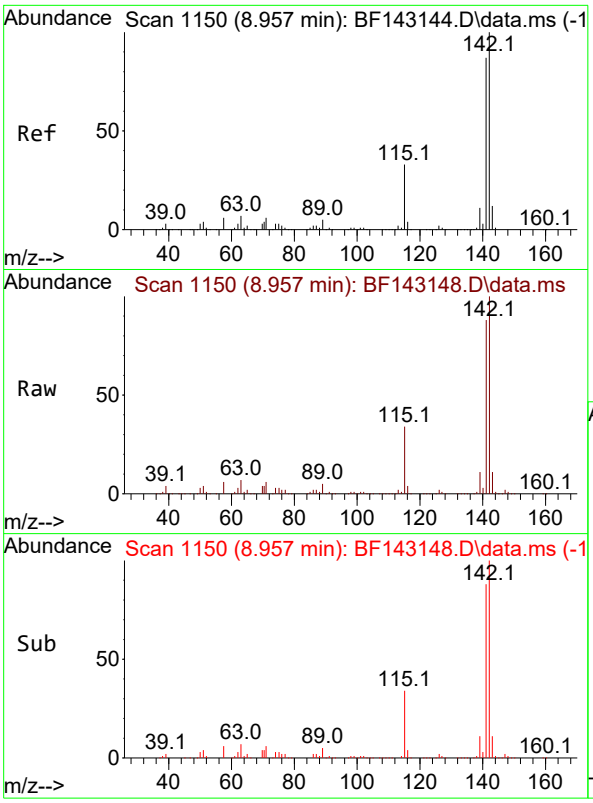



#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 19.8 | 29.6 |
| 142 | 77.3 | 60.6 | 90.8 |






#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 67559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 69.9 | 104.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations**
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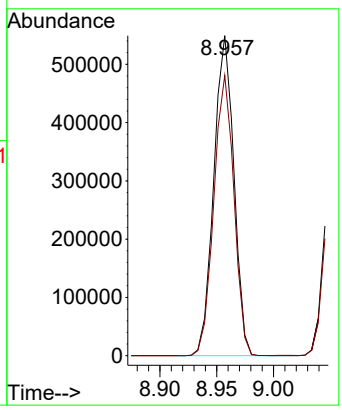
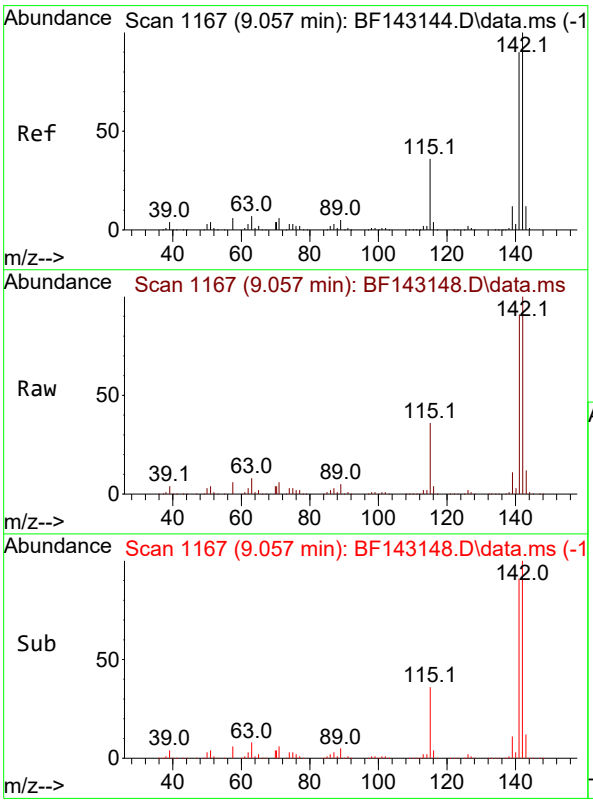
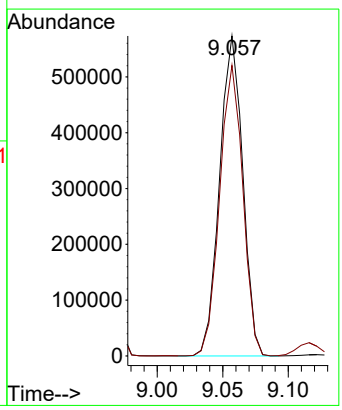


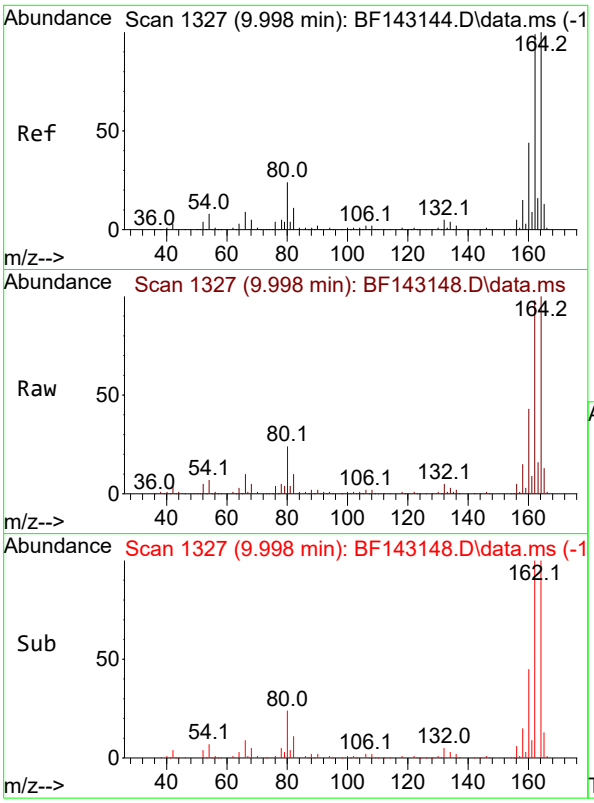




#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 72.3 | 108.5 |

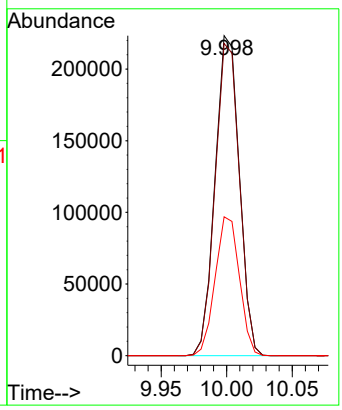





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:164 Resp: 28725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 79.0 | 118.6 |
| 160 | 43.4 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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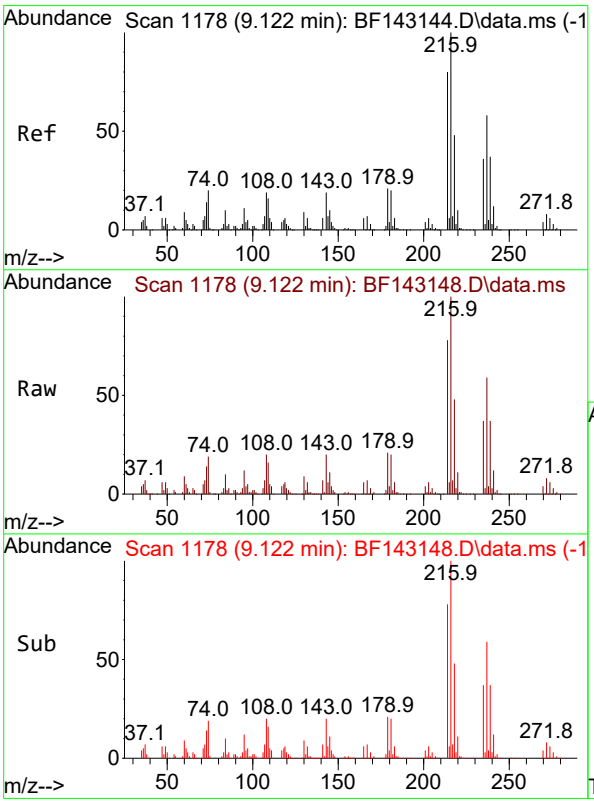
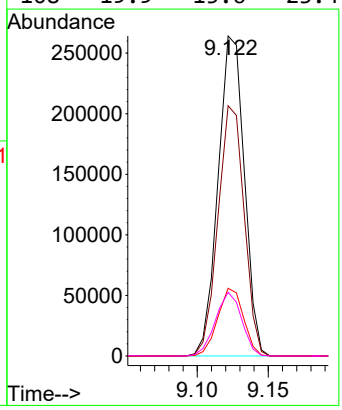
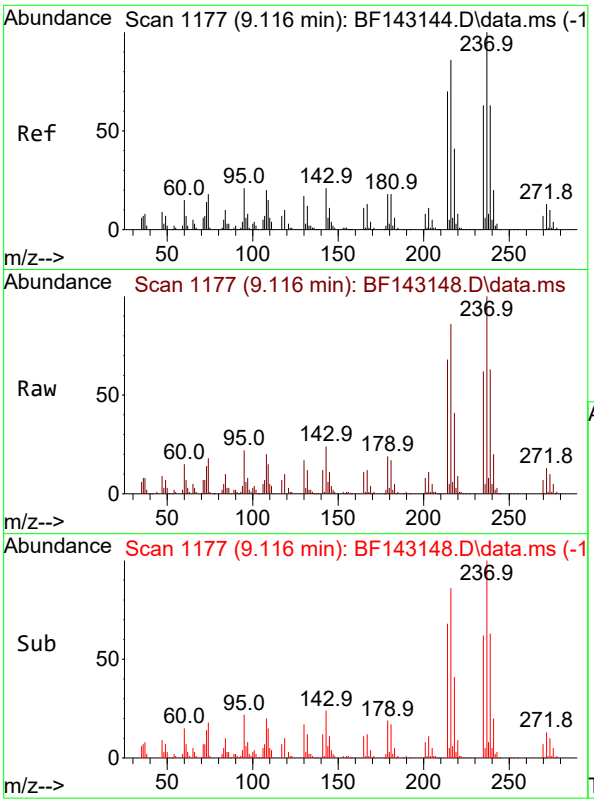



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.8 | 63.8 | 95.8 |
| 179 | 20.8 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |

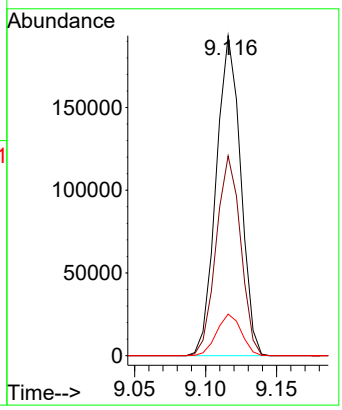





#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:237 Resp: 23134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 43.0 | 83.0 |
| 272 | 13.0 | 0.0 | 33.3 |




**Instrument :**
BNA_F
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ICVBF071725

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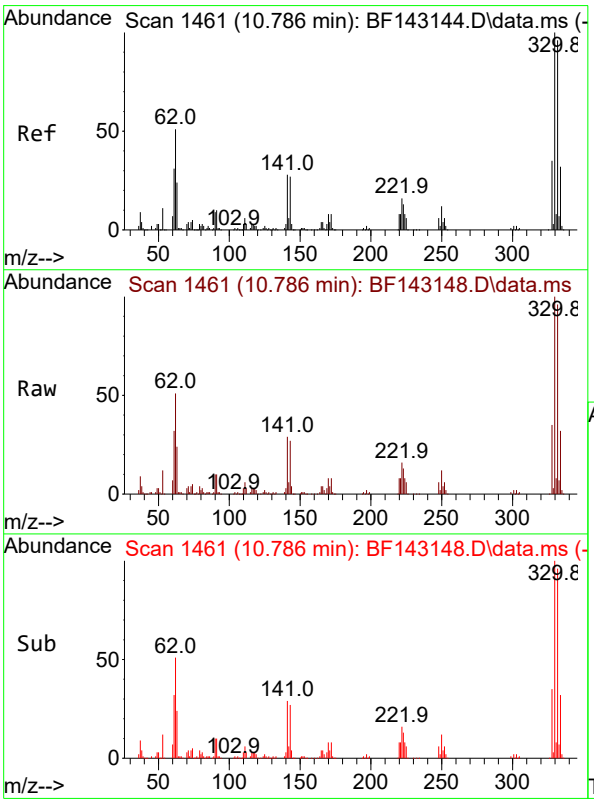
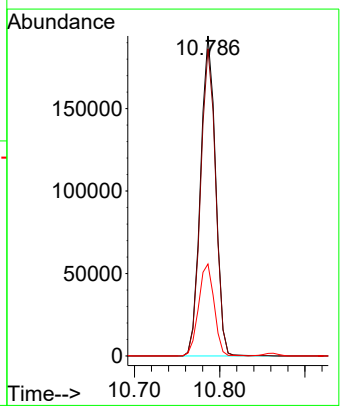
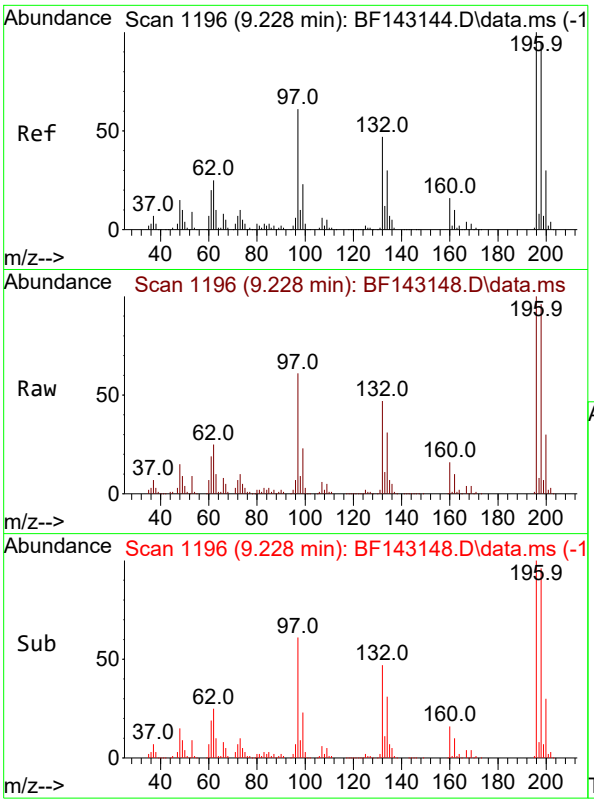



#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.7 | 115.1 |
| 141 | 29.8 | 23.3 | 34.9 |

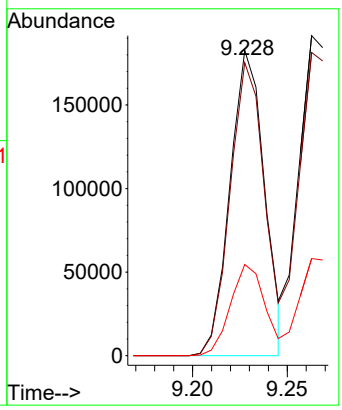





#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 2310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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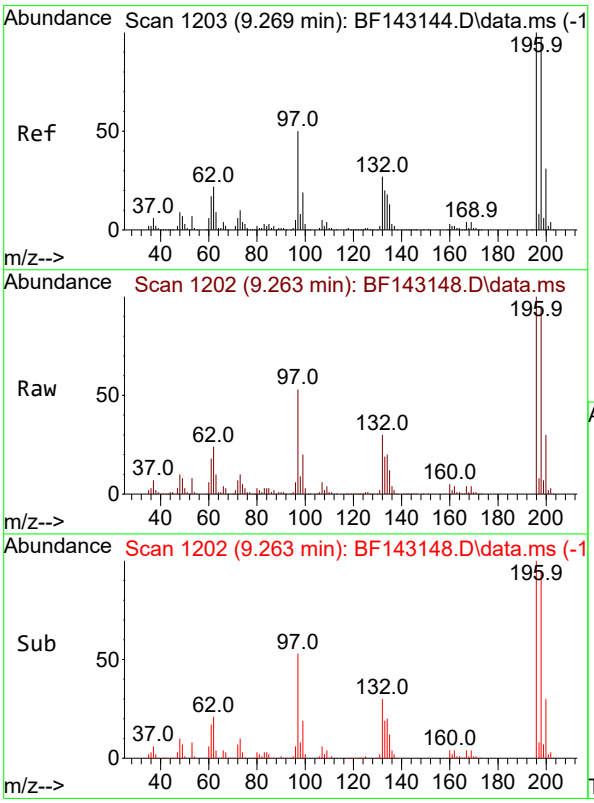
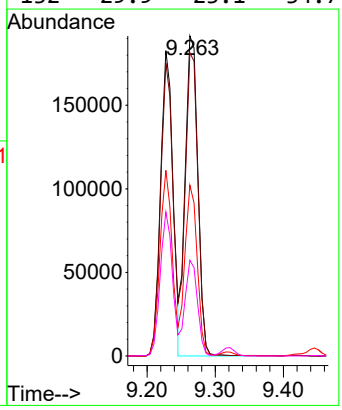
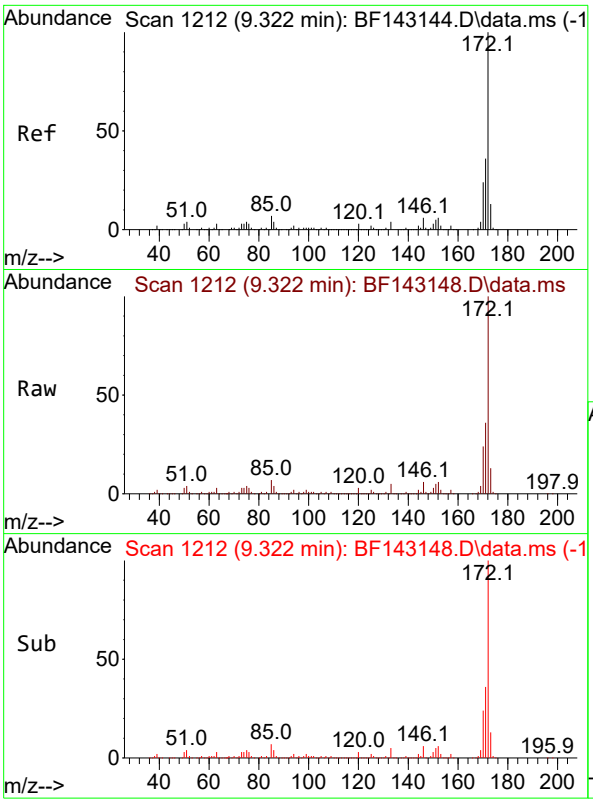



#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 77.3 | 115.9 |
| 97 | 53.3 | 40.3 | 60.5 |
| 132 | 29.9 | 23.1 | 34.7 |

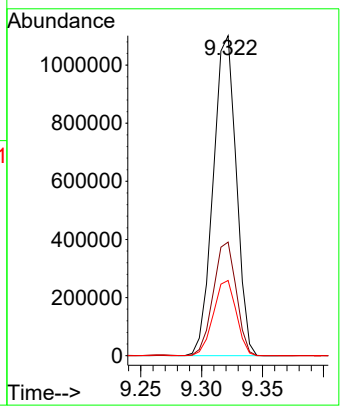





#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:172 Resp: 144909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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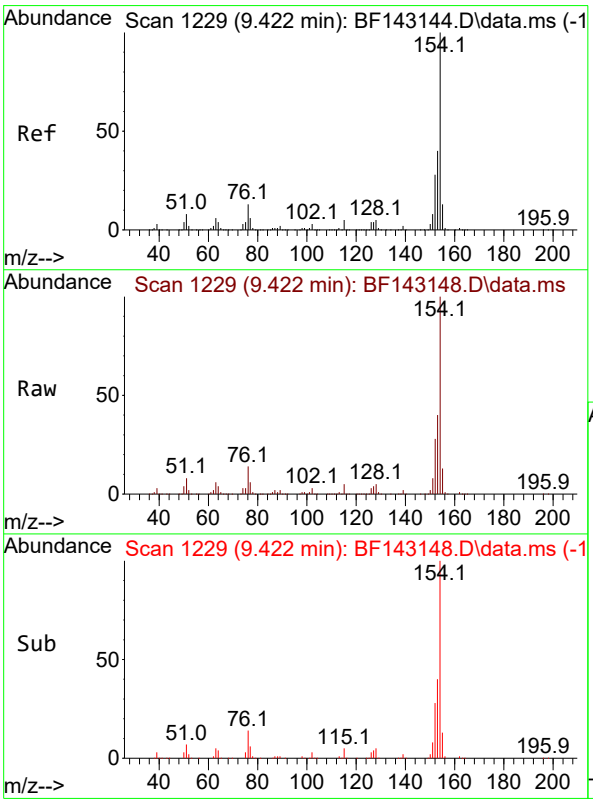
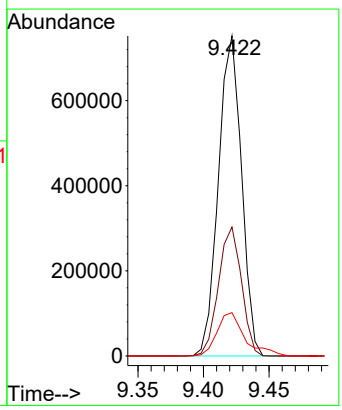
Supervised By :Jagrut Upadhyay 07/18/2025

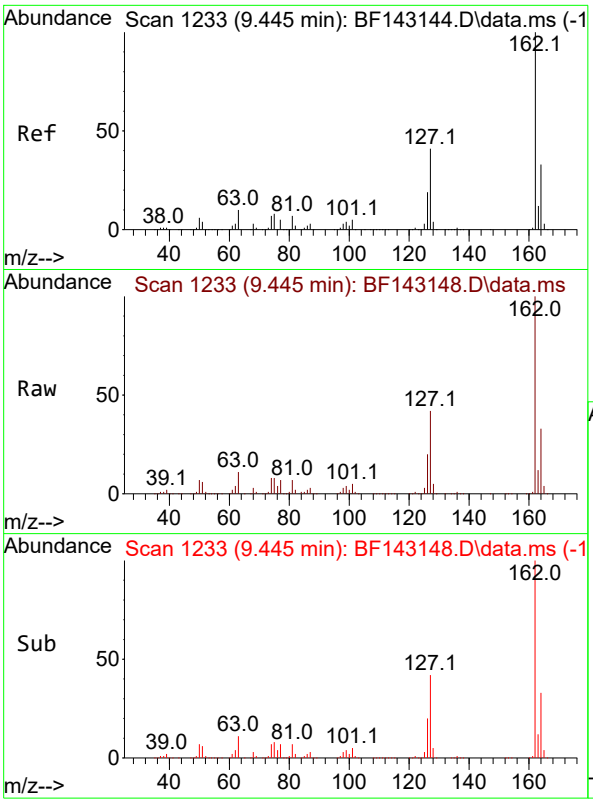



#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.3 | 60.3 |
| 76 | 13.5 | 0.0 | 33.3 |

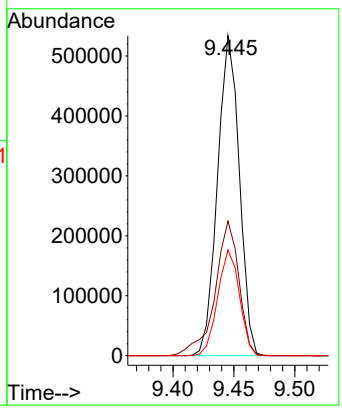





#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:162 Resp: 66635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.0 | 33.4 | 50.2 |
| 164 | 33.0 | 26.2 | 39.2 |




**Instrument :**
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ICVBF071725

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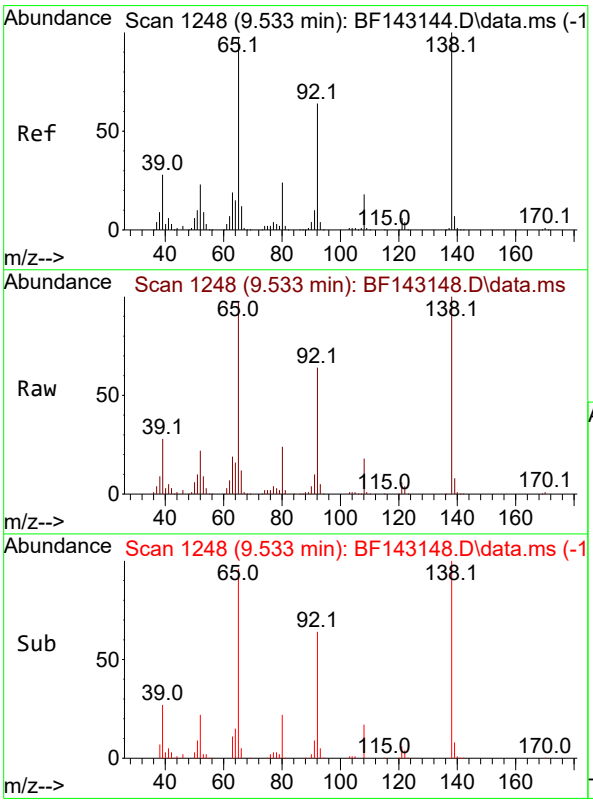
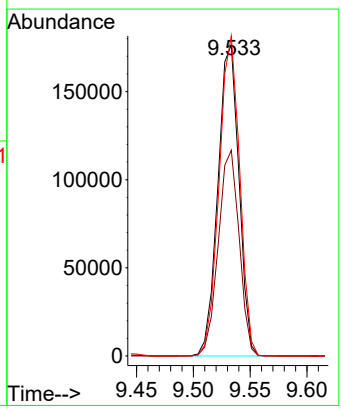
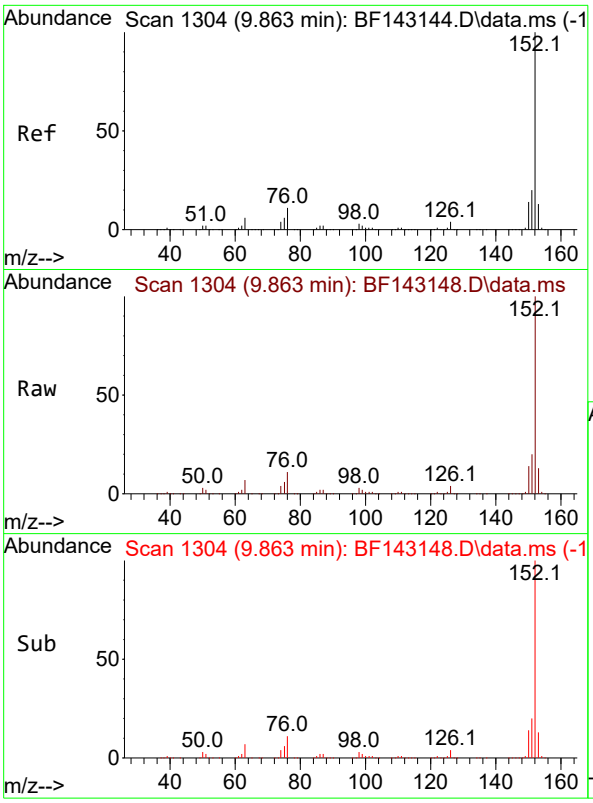



#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.2 | 52.4 | 78.6 |
| 138 | 102.9 | 82.3 | 123.5 |

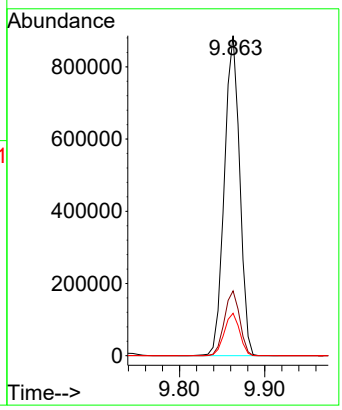





#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:152 Resp: 111199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
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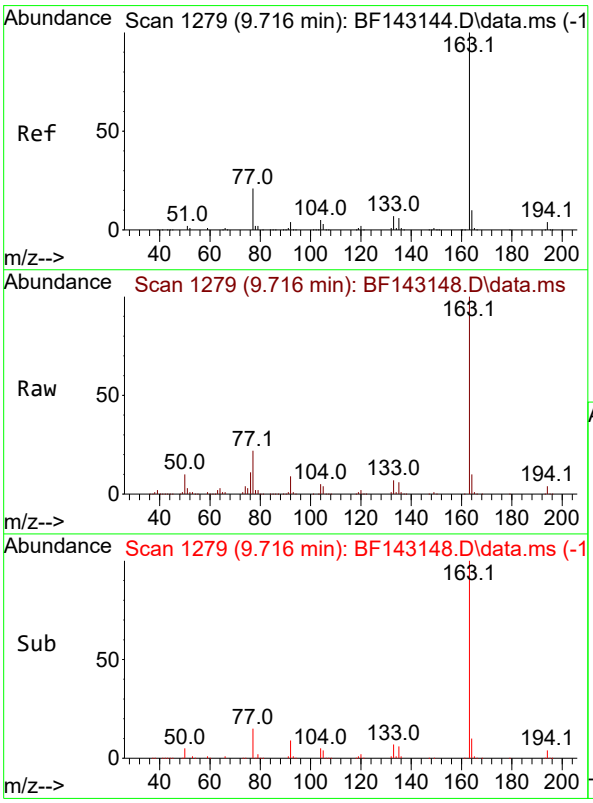
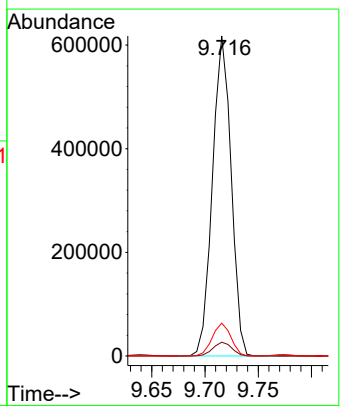
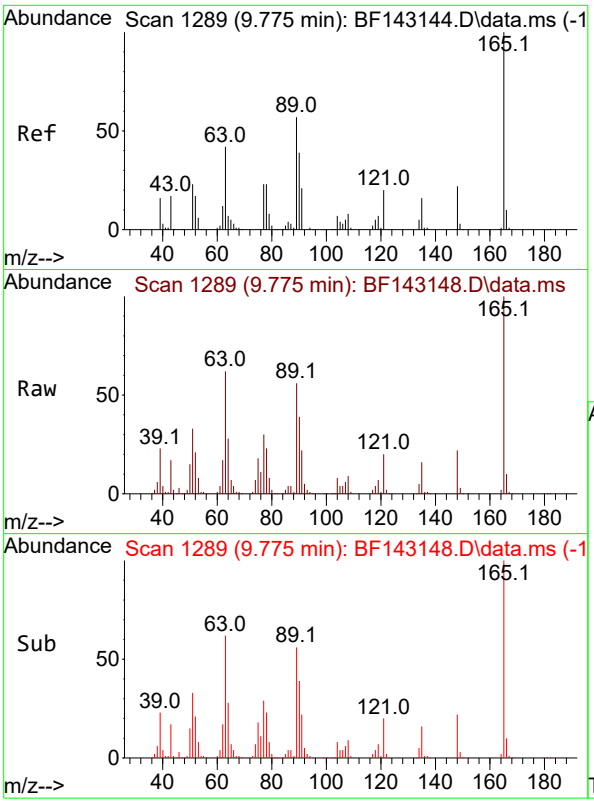



#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.2 | 8.3 | 12.5 |






#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 16691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.4 | 49.4 | 74.2 |
| 89 | 56.0 | 46.2 | 69.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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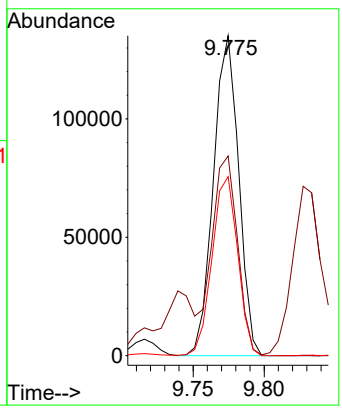
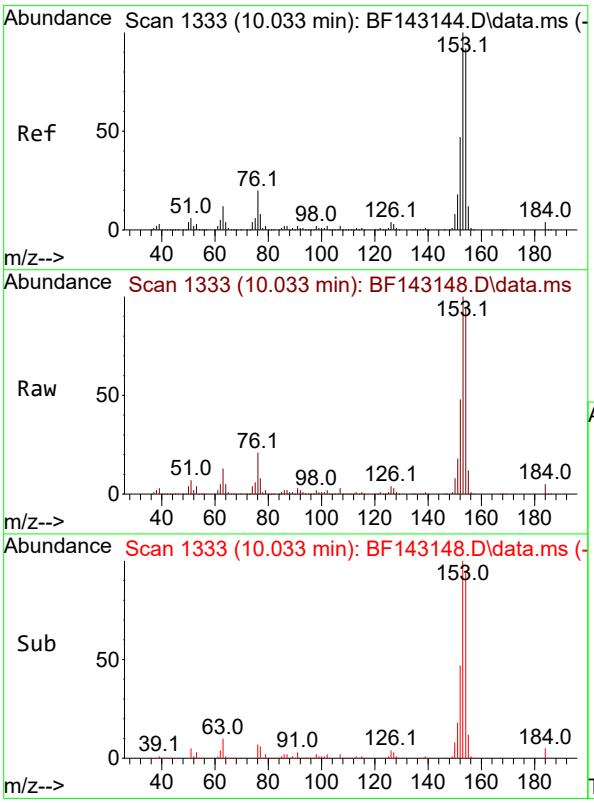
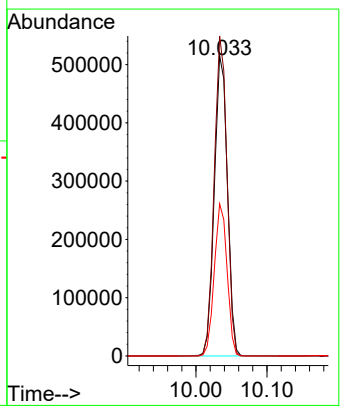


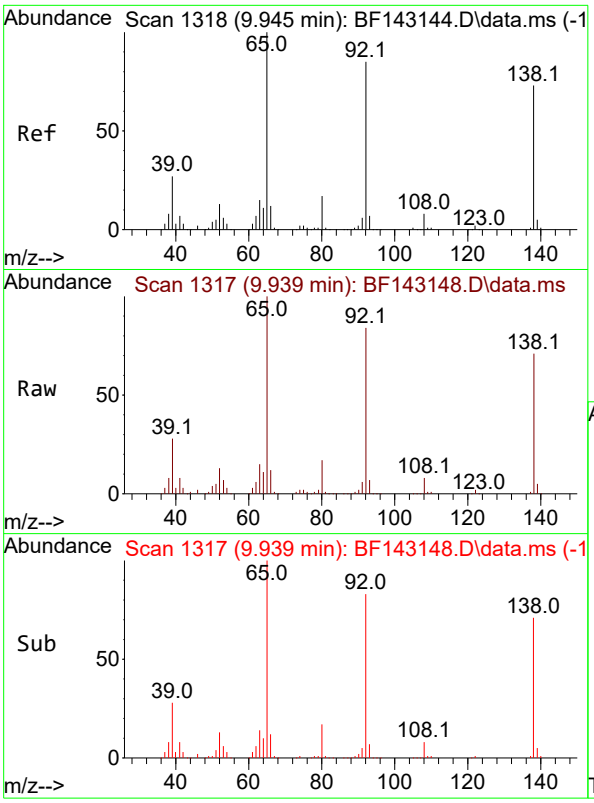




#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.6 | 86.6 | 129.8 |
| 152 | 50.7 | 40.4 | 60.6 |

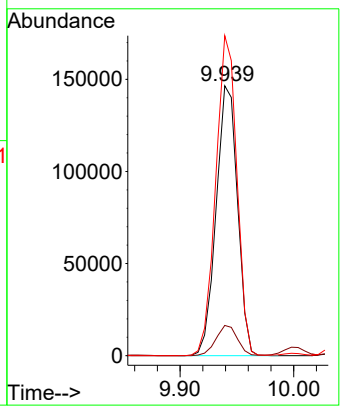





#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 19151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.0 | 13.6 |
| 92 | 118.6 | 93.0 | 139.4 |




**Instrument :**
BNA_F
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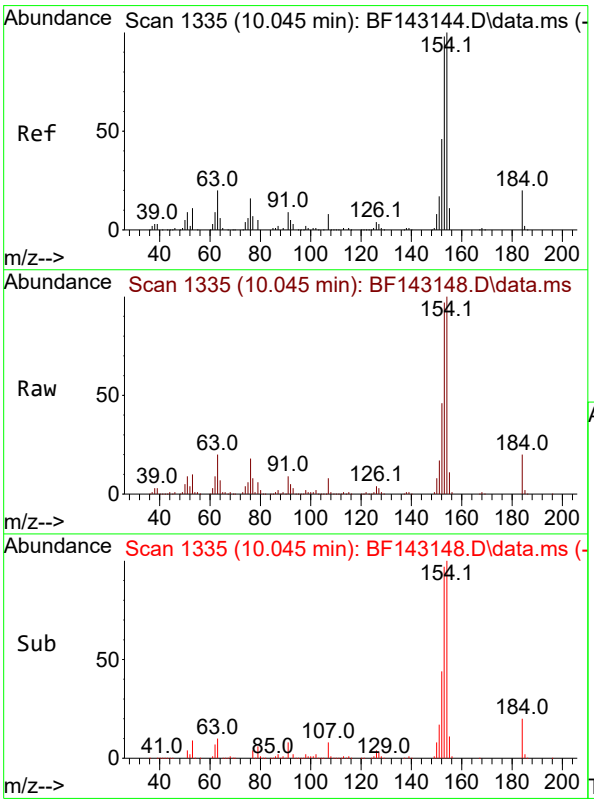
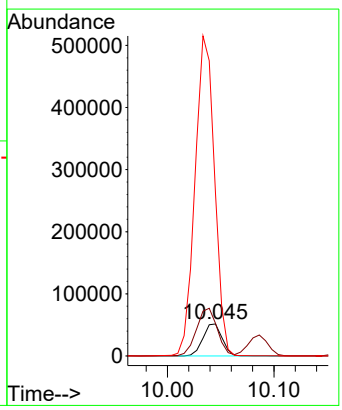
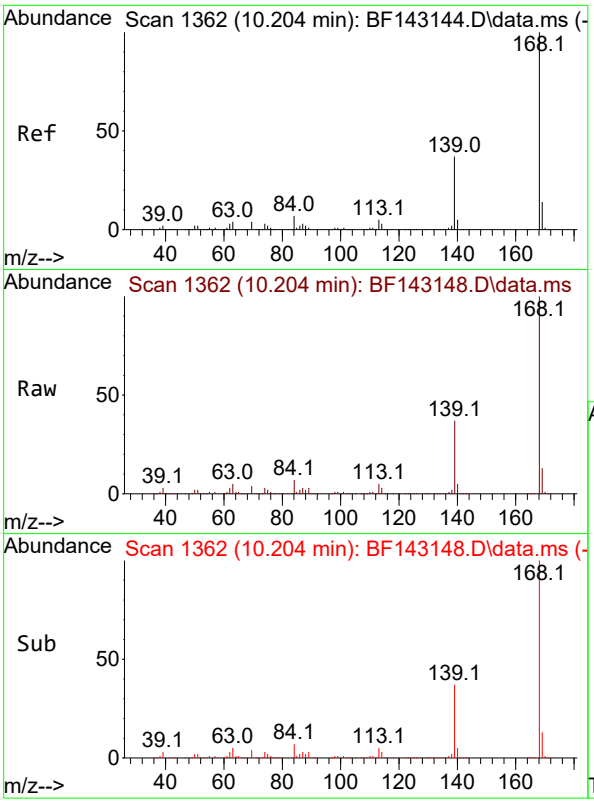



#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 102.3 | 81.8 | 122.6 |
| 154 | 509.4 | 412.2 | 618.4 |

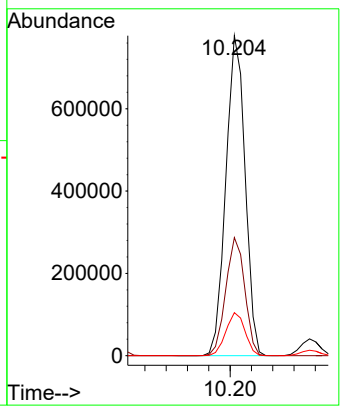





#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:168 Resp: 97499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.5 | 10.9 | 16.3 |




**Instrument :**
BNA_F
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ICVBF071725

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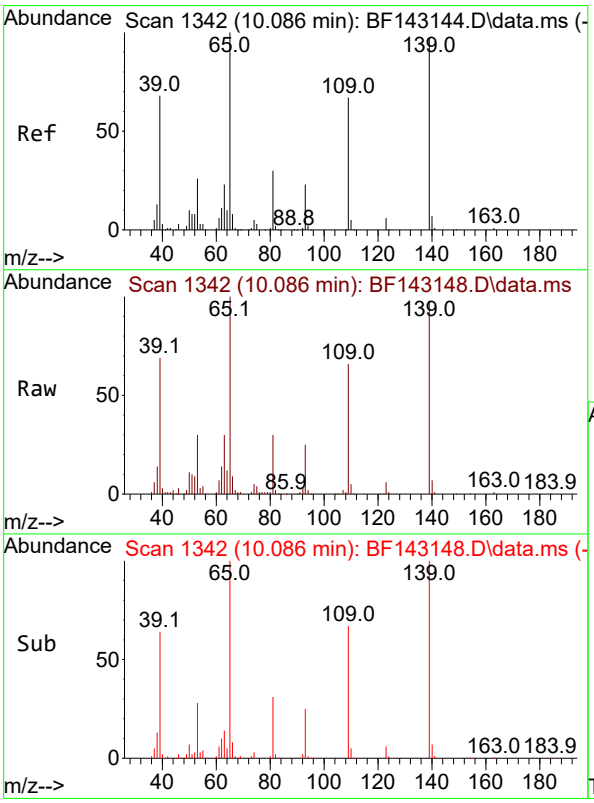
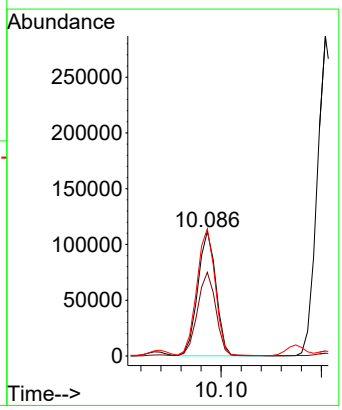
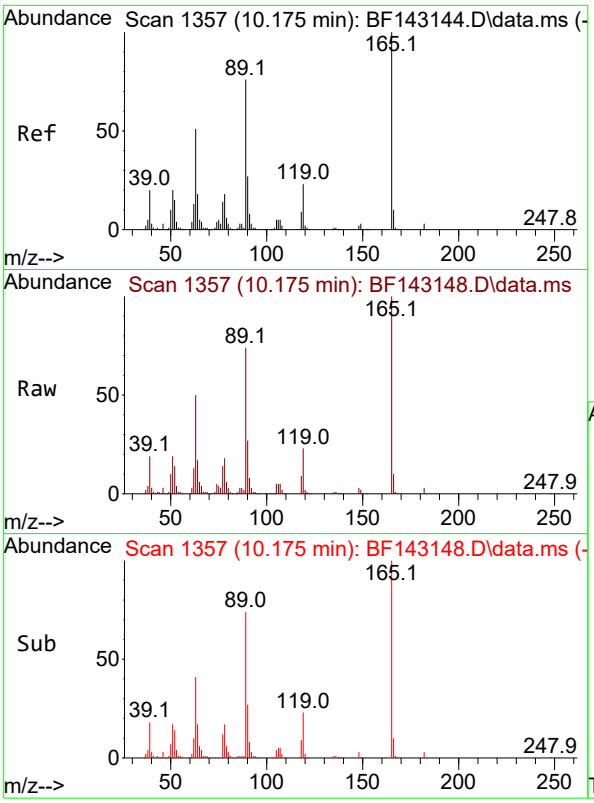



#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.2 | 48.5 | 88.5 |
| 65 | 102.1 | 83.4 | 123.4 |

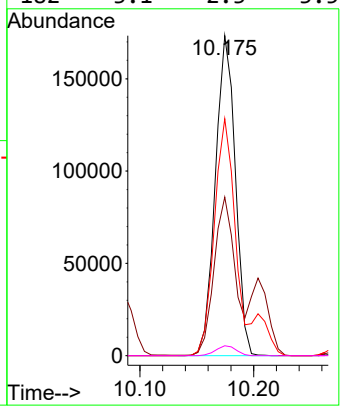





#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:165 Resp: 21236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.5 | 41.0 | 61.4 |
| 89 | 74.0 | 61.1 | 91.7 |
| 182 | 3.1 | 2.3 | 3.5 |




**Instrument :**
BNA_F
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ICVBF071725

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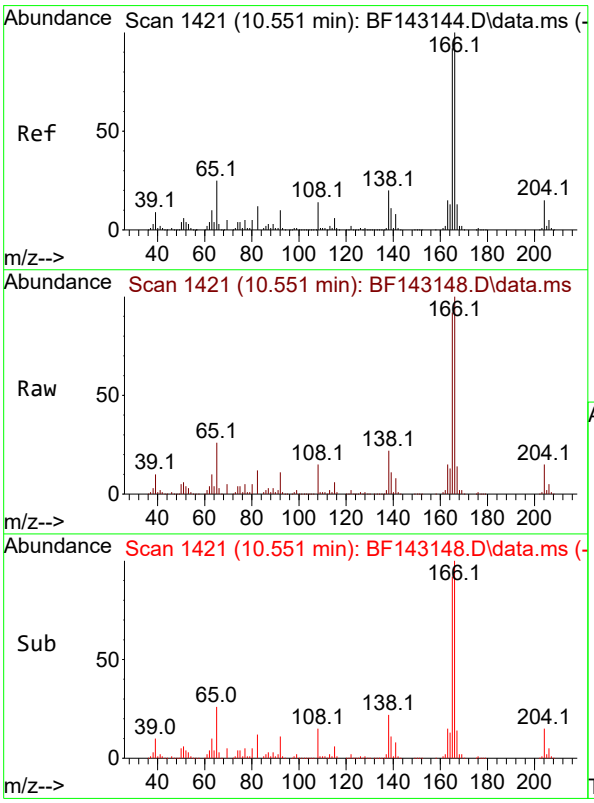
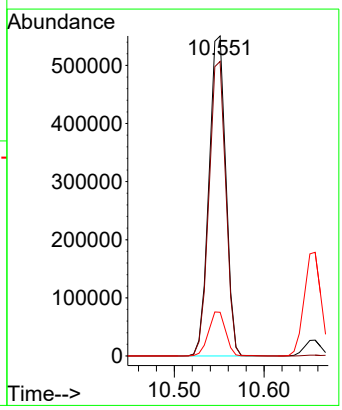
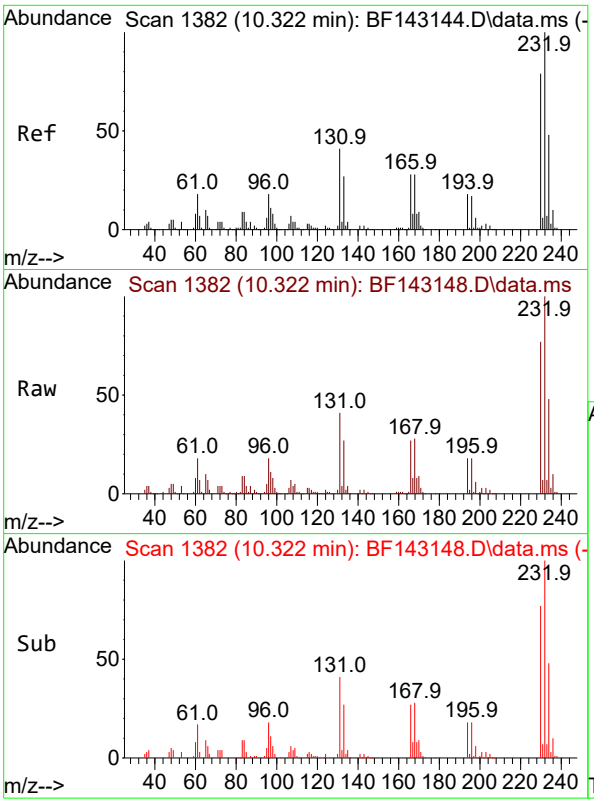



#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.7 | 10.6 | 16.0 |

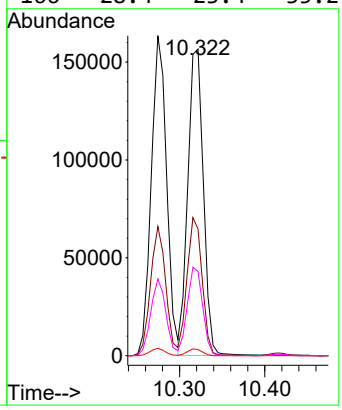





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:232 Resp: 19853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.9 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.4 | 23.4 | 35.2 |




**Instrument :**
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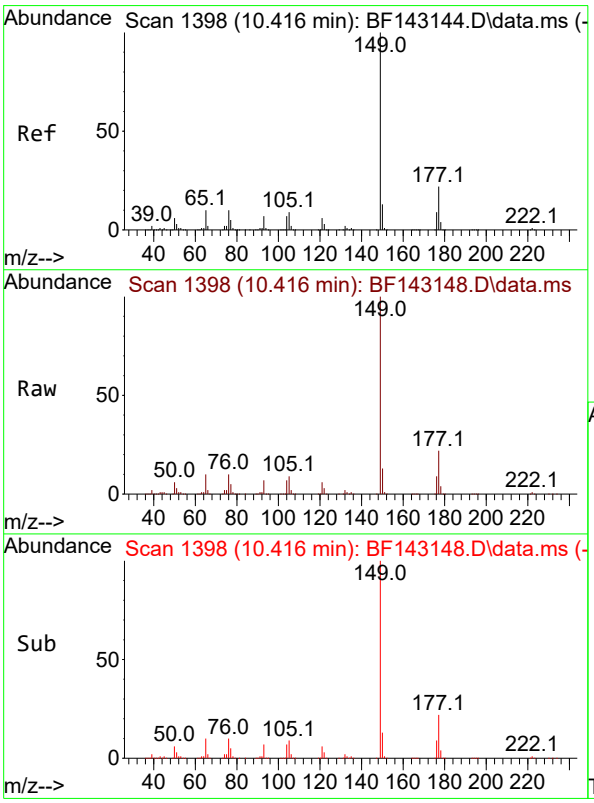
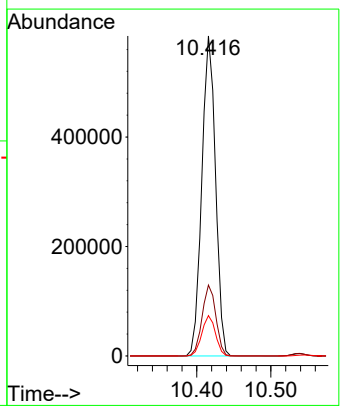
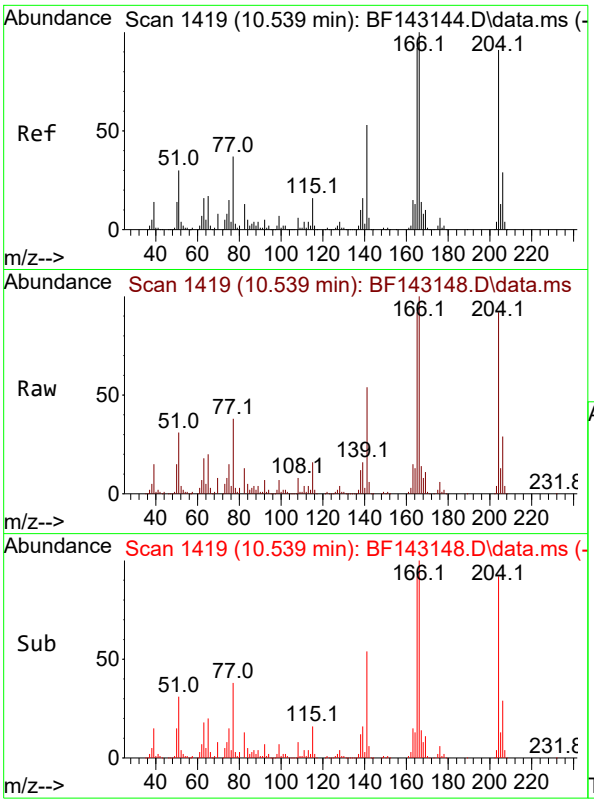



#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |

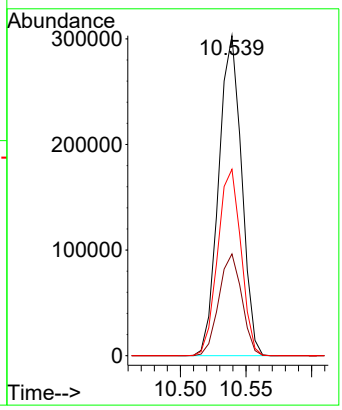





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:204 Resp: 36798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 25.8 | 38.8 |
| 141 | 58.3 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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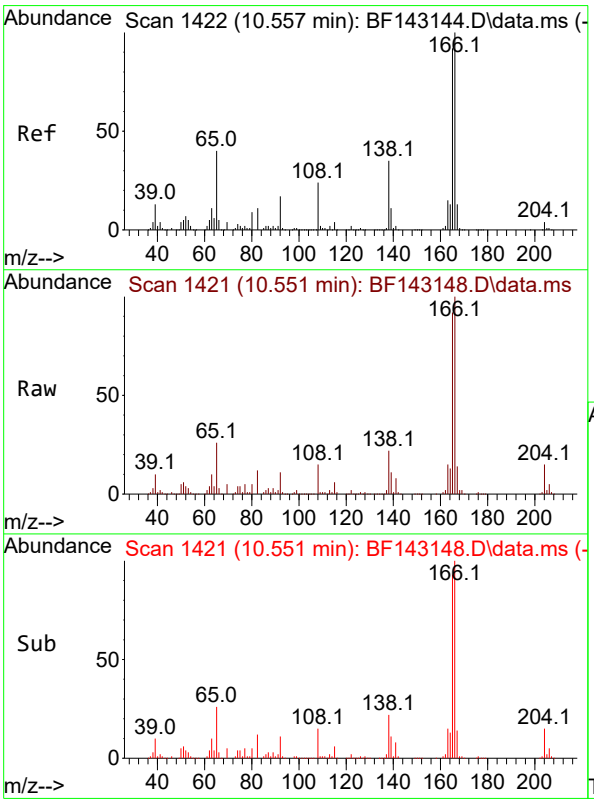
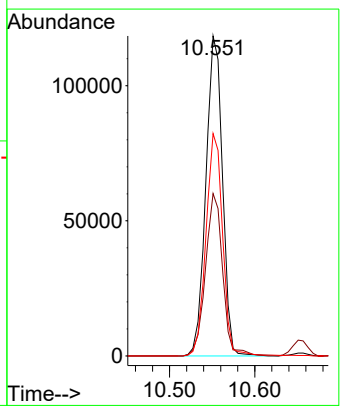
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

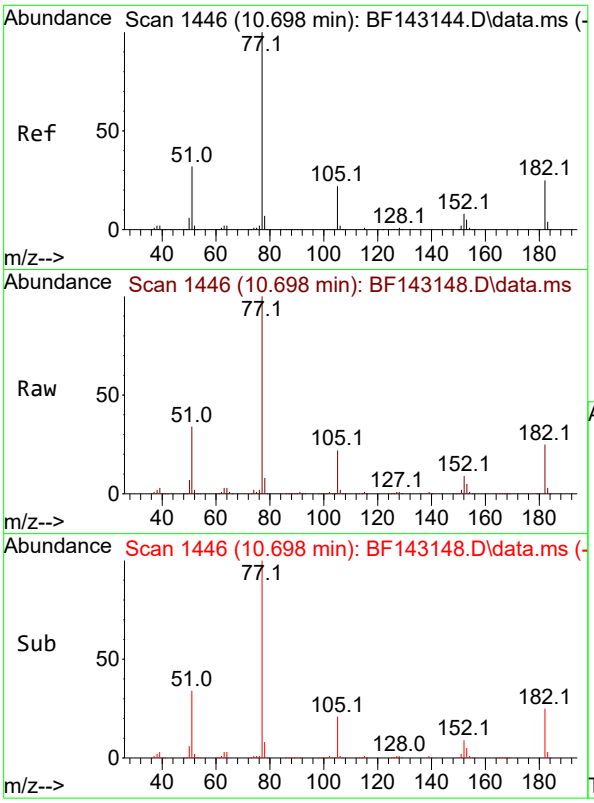



#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 29.3 | 69.3 |
| 108 | 69.5 | 48.3 | 88.3 |

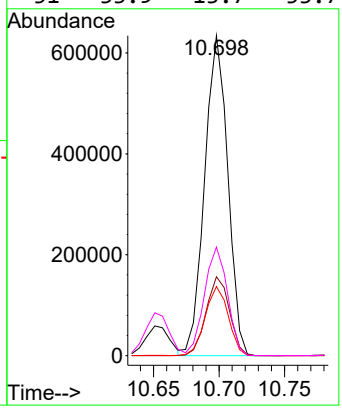





#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 77952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 4.6 | 44.6 |
| 105 | 21.6 | 1.4 | 41.4 |
| 51 | 33.9 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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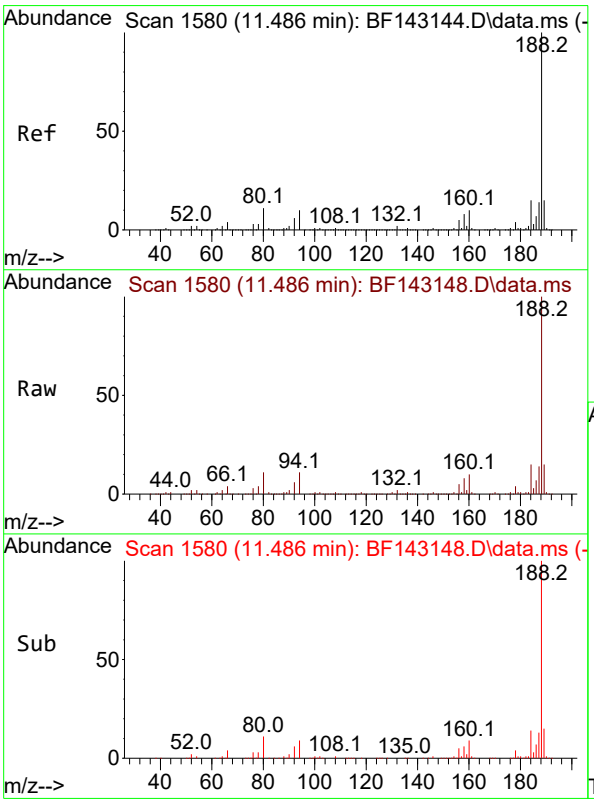
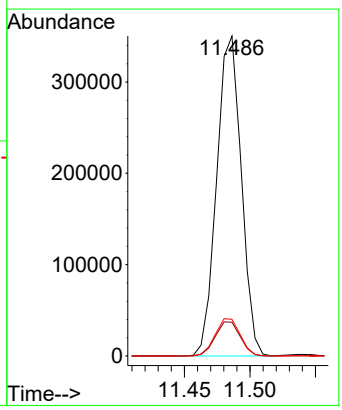
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

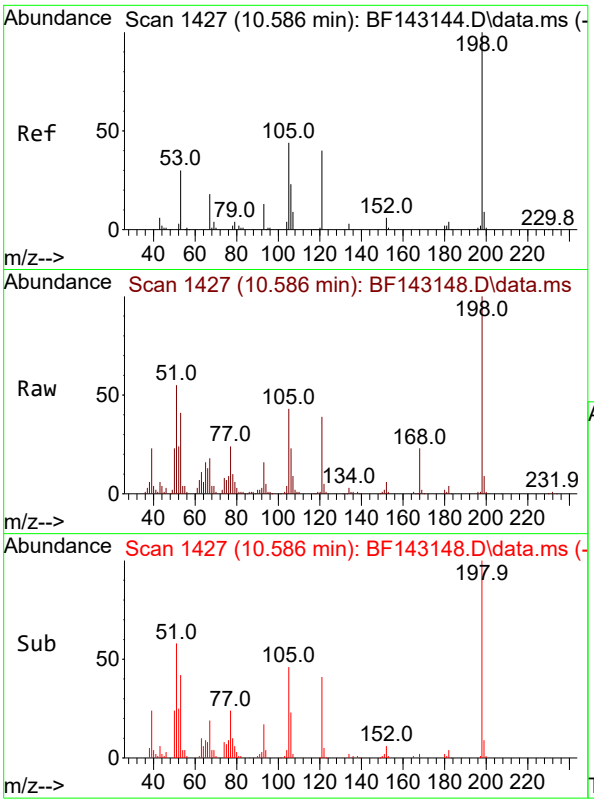



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 8.3 | 12.5 |
| 80 | 11.4 | 9.0 | 13.6 |

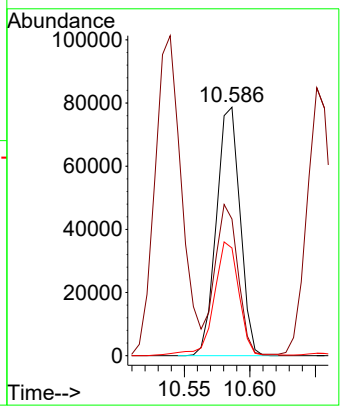





#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:198 Resp: 9846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.0 | 37.2 | 77.2 |
| 105 | 43.3 | 24.8 | 64.8 |




**Instrument :**
BNA_F
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ICVBF071725

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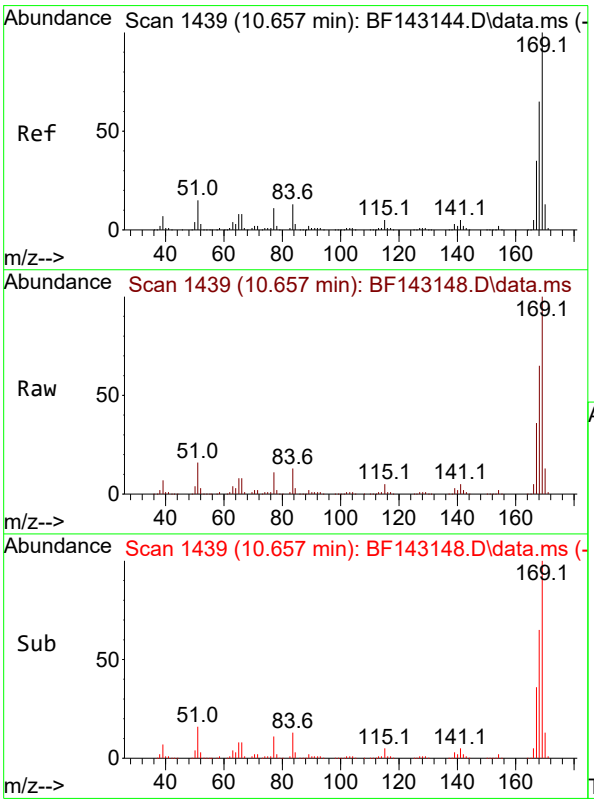
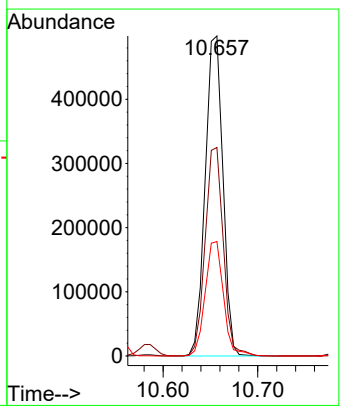
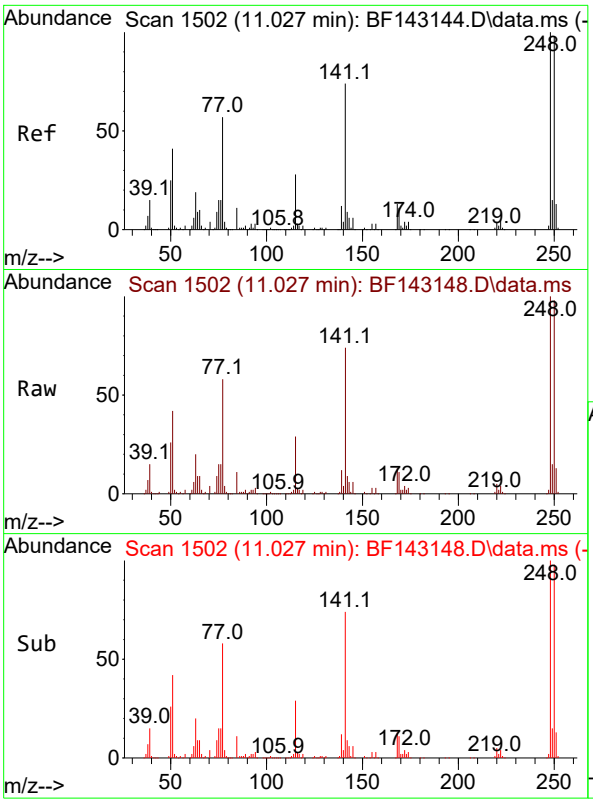



#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 52.1 | 78.1 |
| 167 | 35.8 | 28.2 | 42.2 |

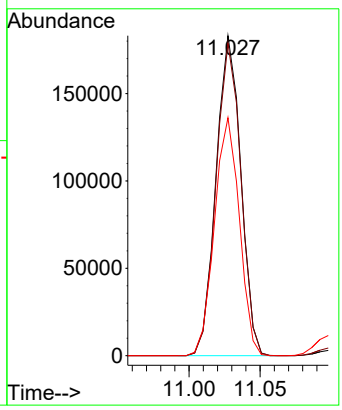





#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:248 Resp: 22240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 78.3 | 117.5 |
| 141 | 74.3 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
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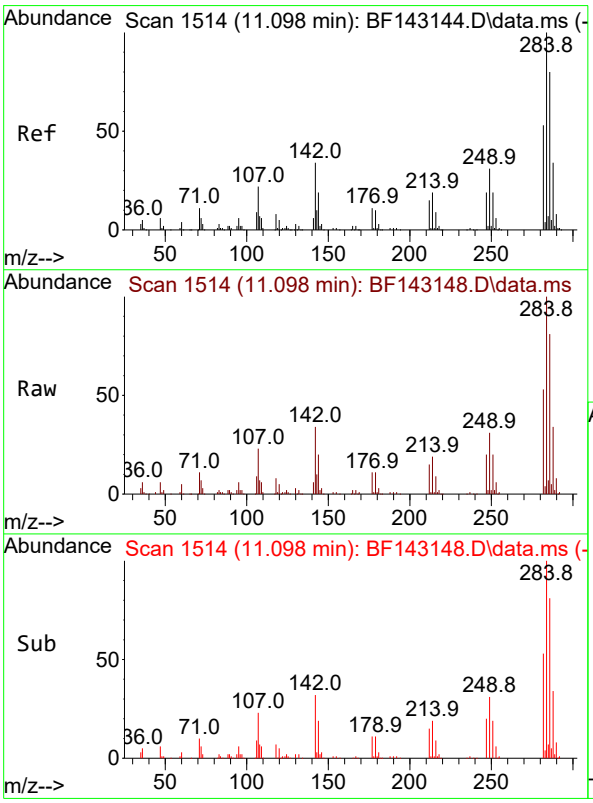
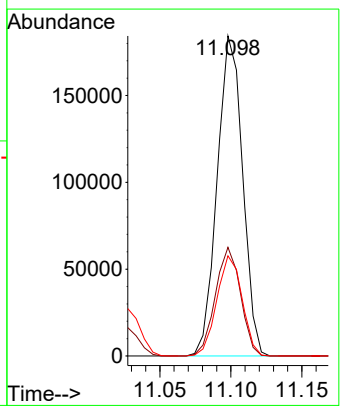
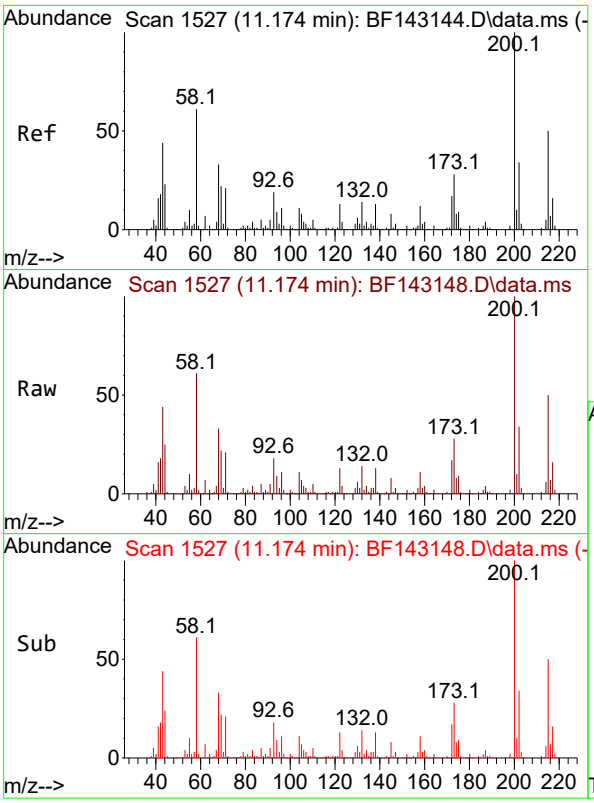



#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.0 | 27.0 | 40.6 |
| 249 | 31.3 | 25.0 | 37.6 |

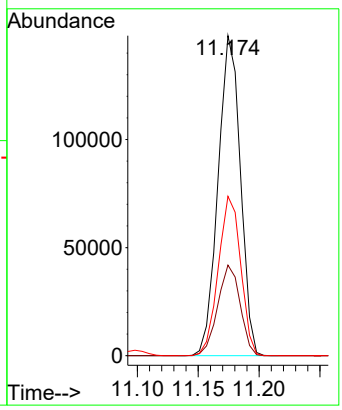





#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:200 Resp: 18910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 49.8 | 30.1 | 70.1 |

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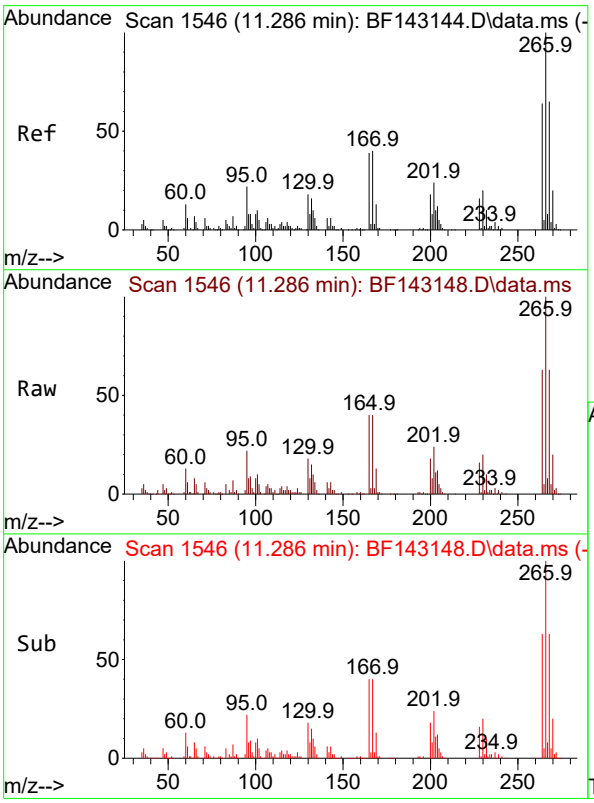
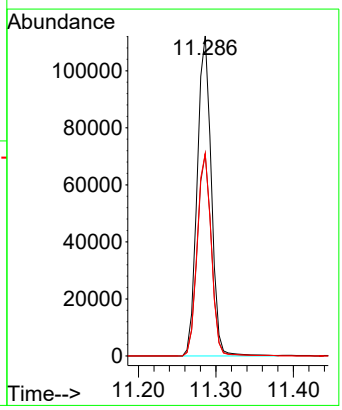
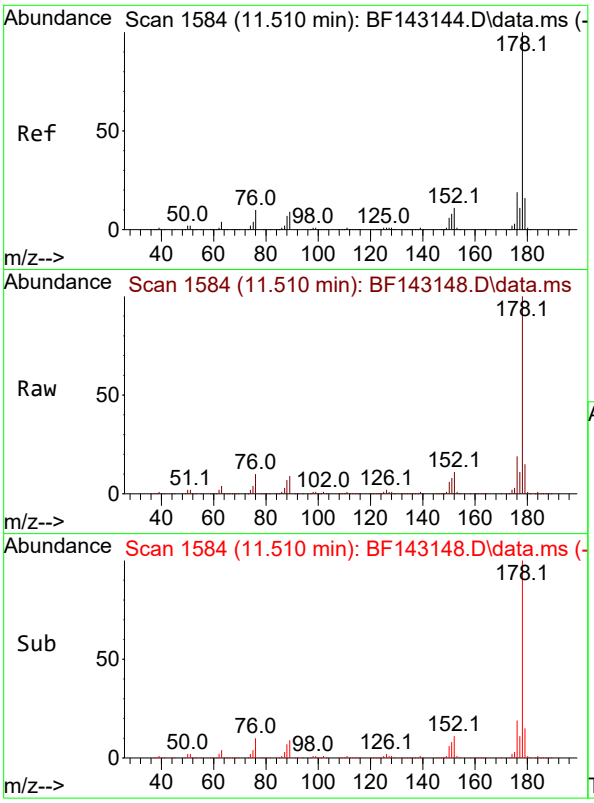



#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.9 | 77.9 |
| 264 | 63.3 | 51.0 | 76.6 |

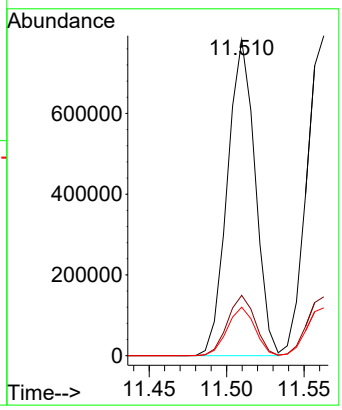





#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 9714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.3 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations**
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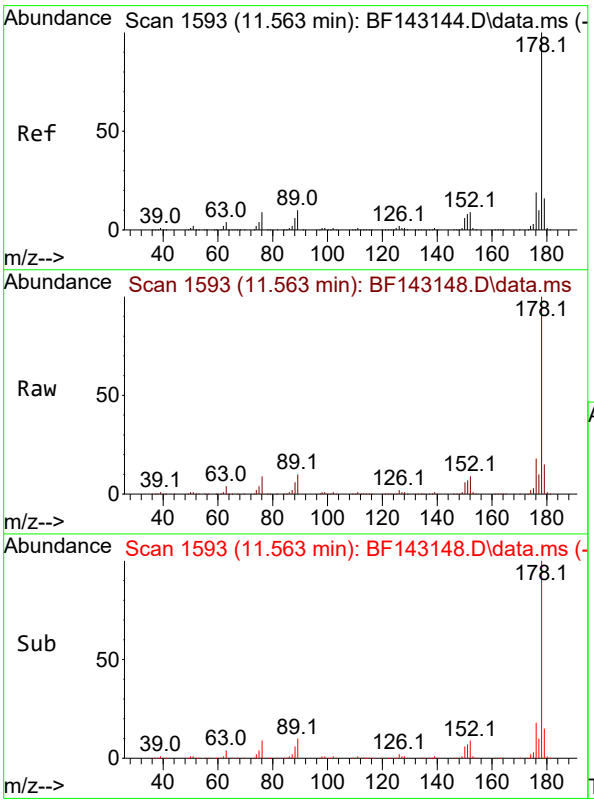
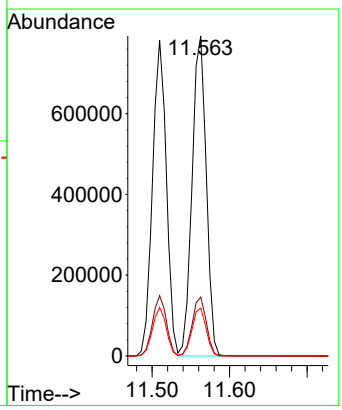
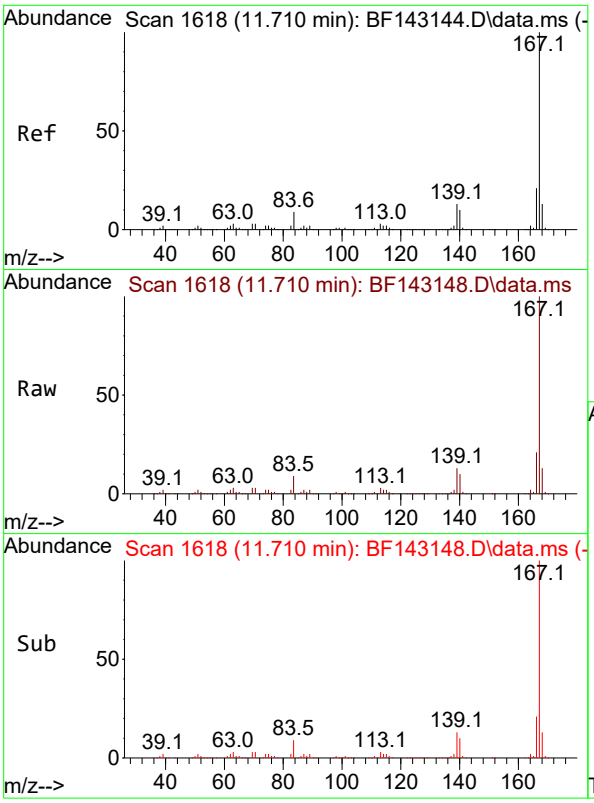



#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 15.0 | 12.5 | 18.7 |

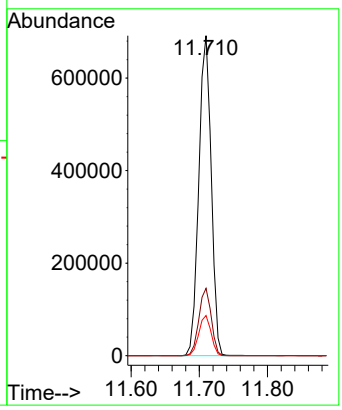





#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:167 Resp: 87486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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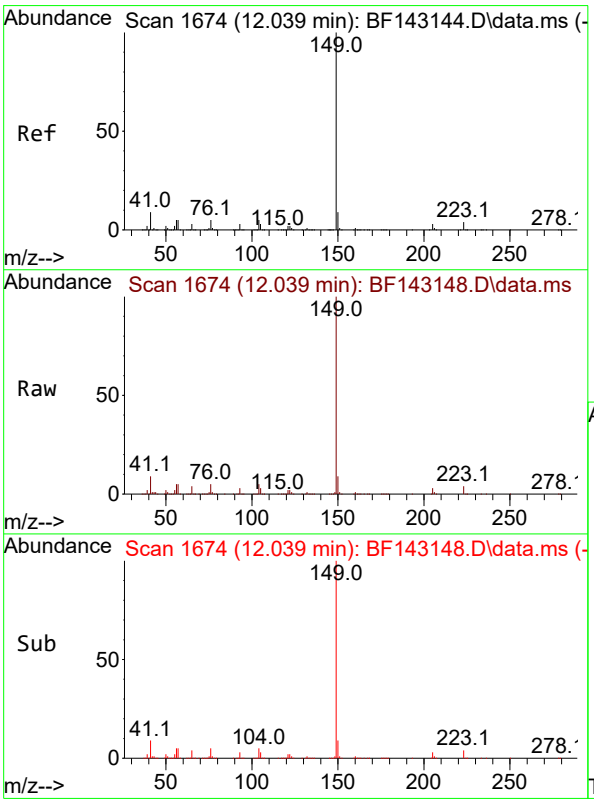
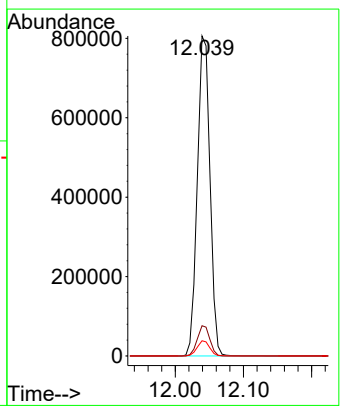
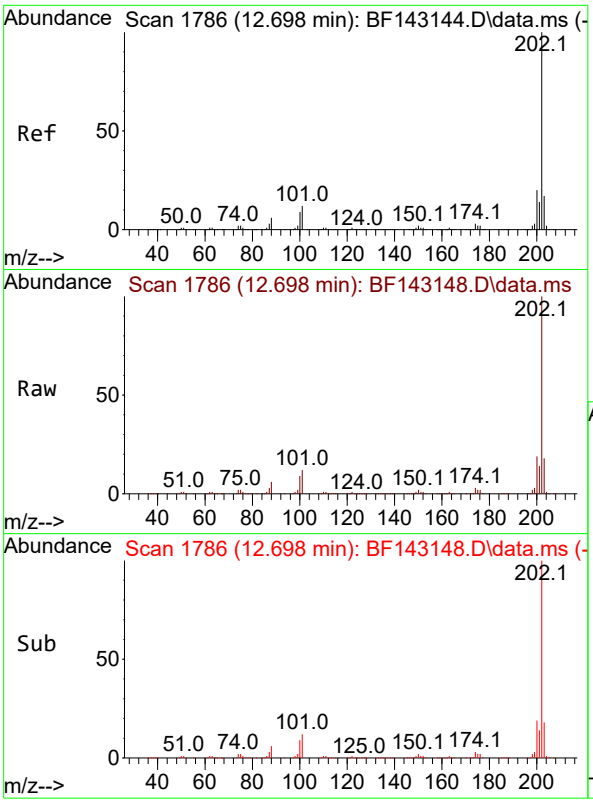



#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |

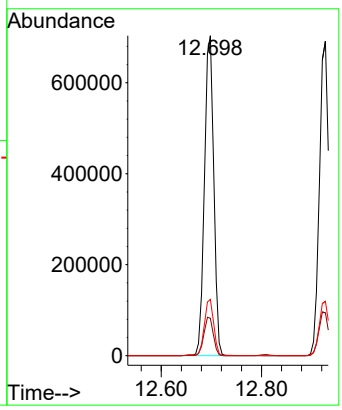





#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 90971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |




**Instrument :**
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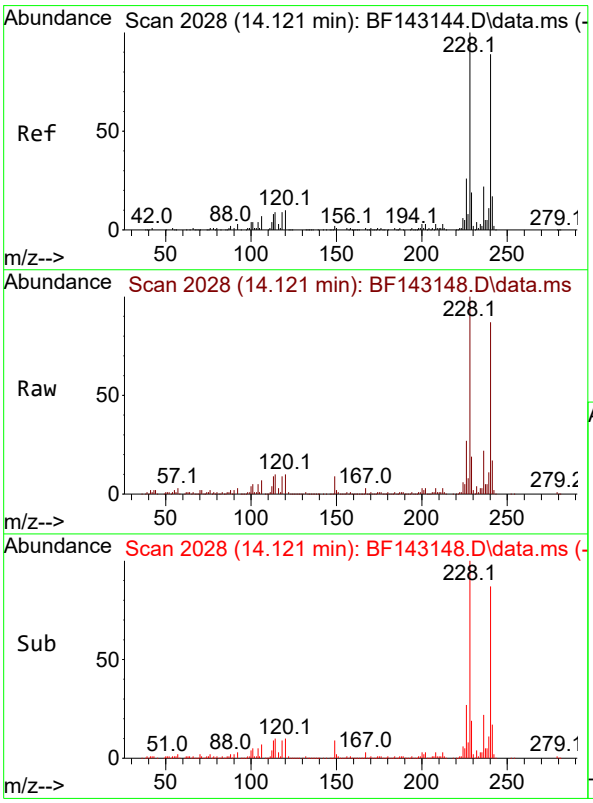
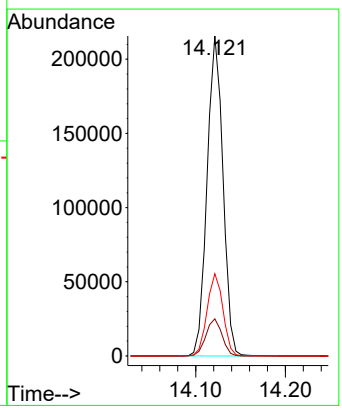
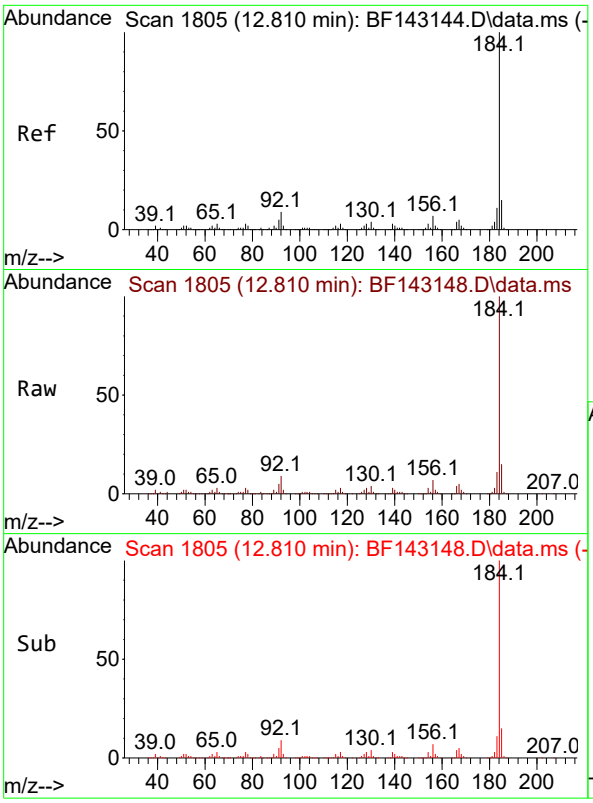



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 9.4 | 14.2 |
| 236 | 25.7 | 20.2 | 30.4 |

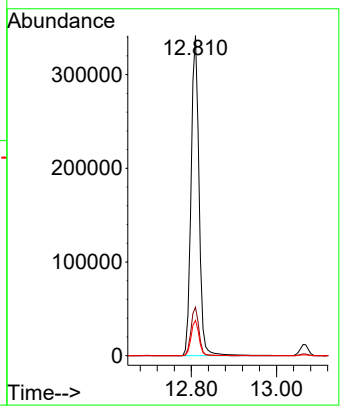





#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 44147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.2 | 18.4 |
| 183 | 11.1 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

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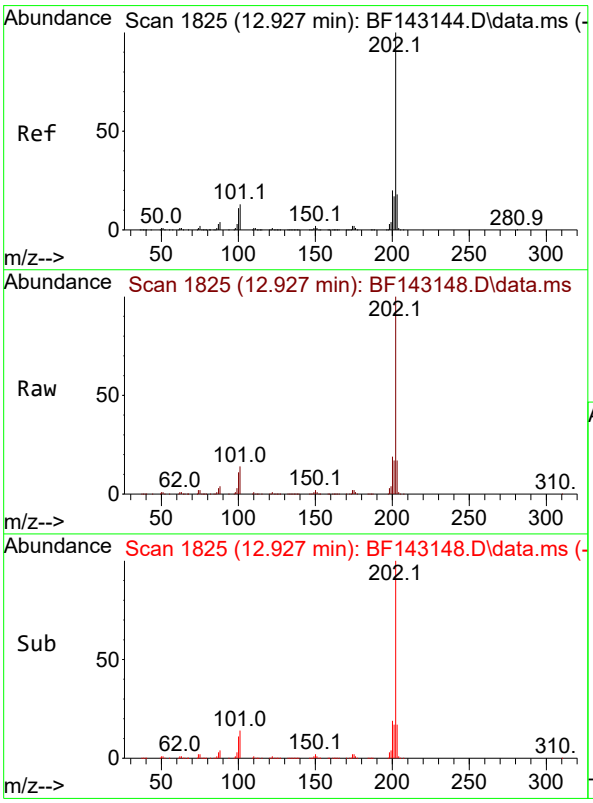
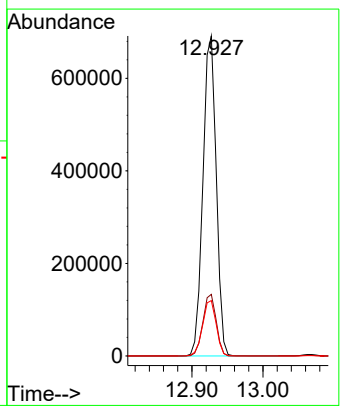
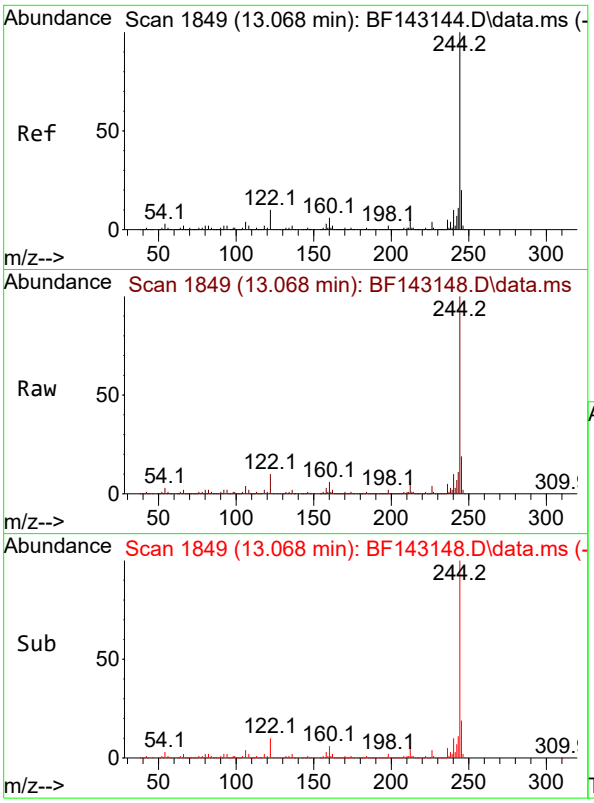



#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.3 | 15.7 | 23.5 |
| 203 | 17.3 | 14.2 | 21.2 |

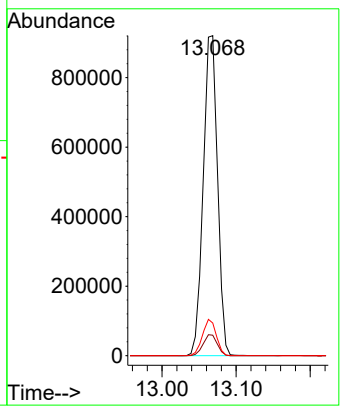





#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:244 Resp: 123470

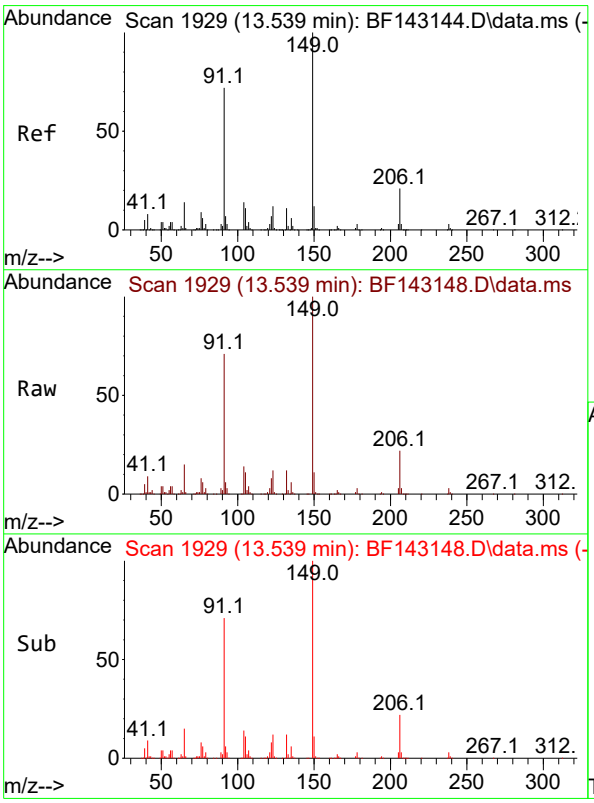
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

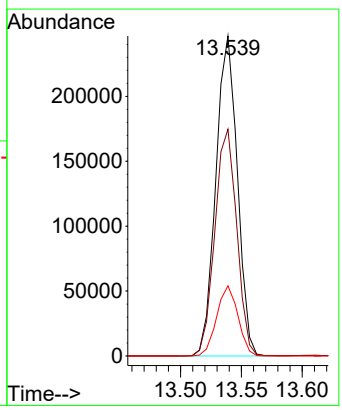
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

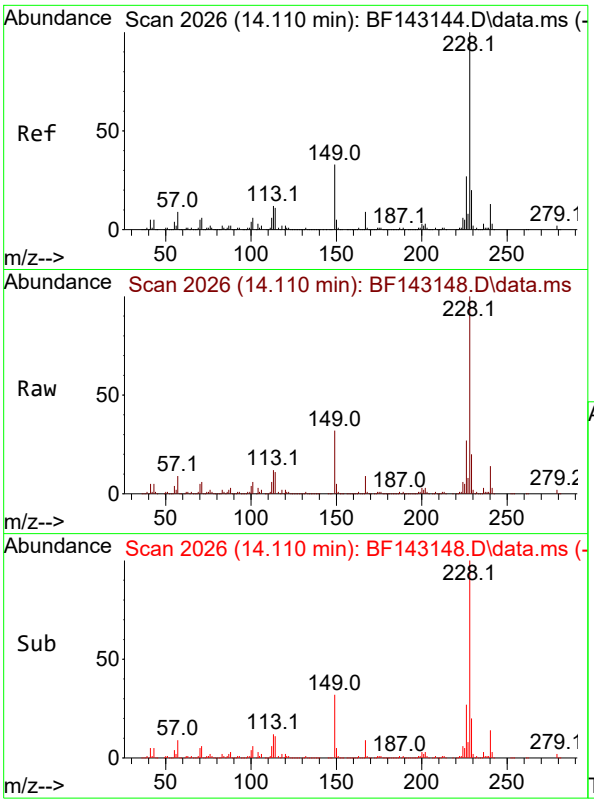



#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.9 | 57.9 | 86.9 |
| 206 | 21.9 | 17.0 | 25.4 |

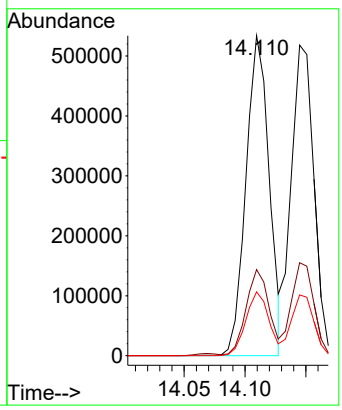





#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 70879

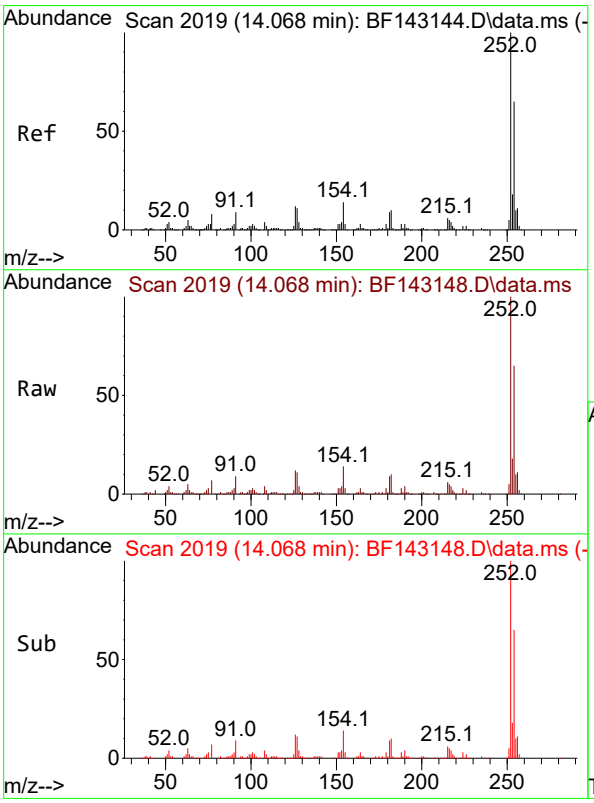
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.7 | 32.5 |
| 229 | 20.0 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

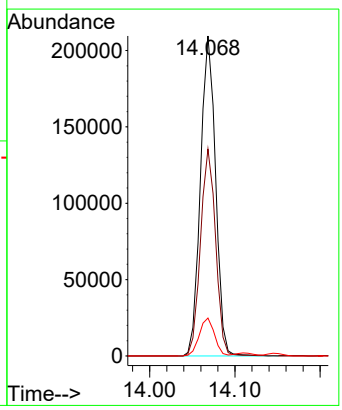
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

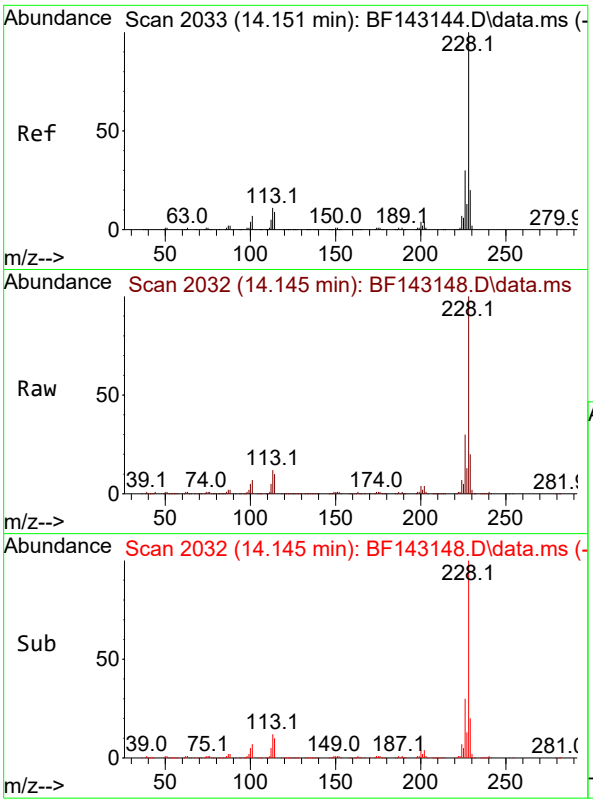



#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 11.9 | 9.4 | 14.0 |

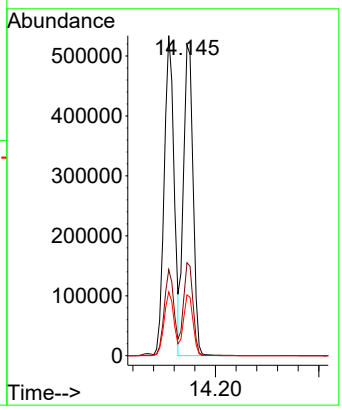





#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:228 Resp: 67370

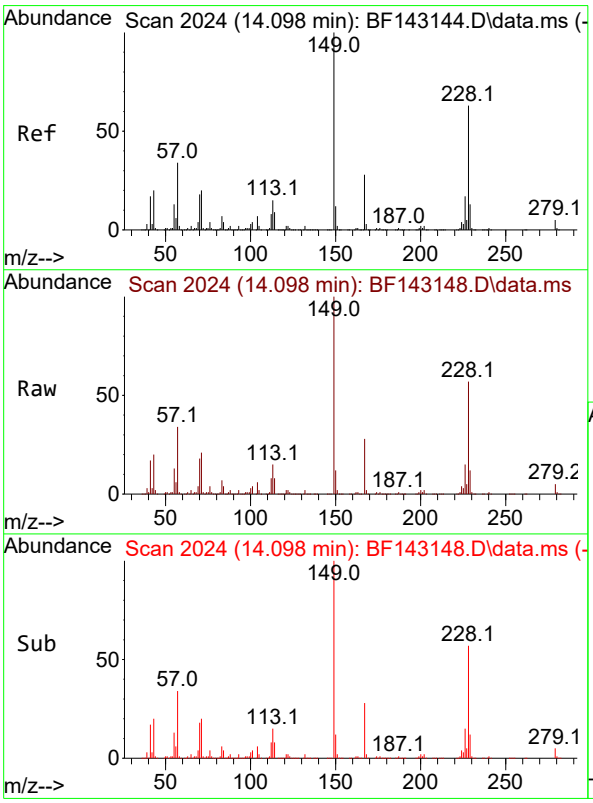
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.8 | 35.8 |
| 229 | 19.6 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations**
**APPROVED**

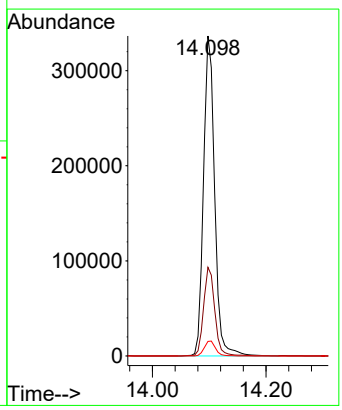
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

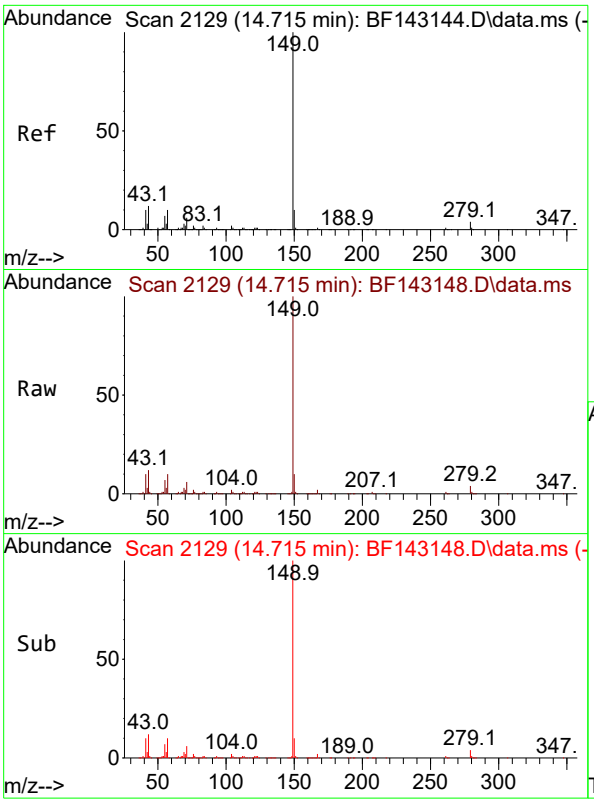



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.3 | 33.5 |
| 279 | 4.6 | 3.6 | 5.4 |






#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

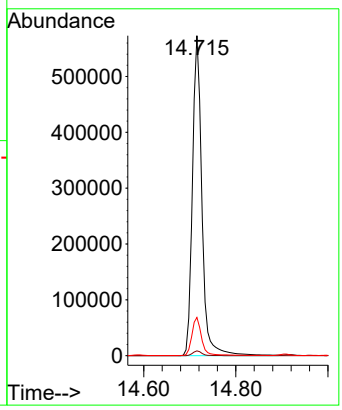
Tgt Ion:149 Resp: 81851

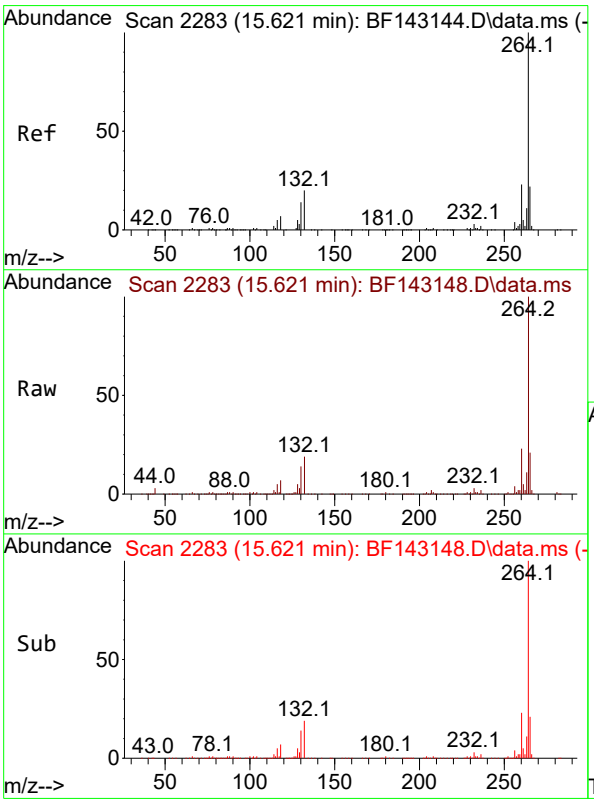
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.2 | 9.7 | 14.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

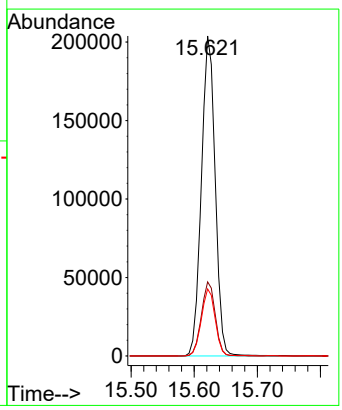


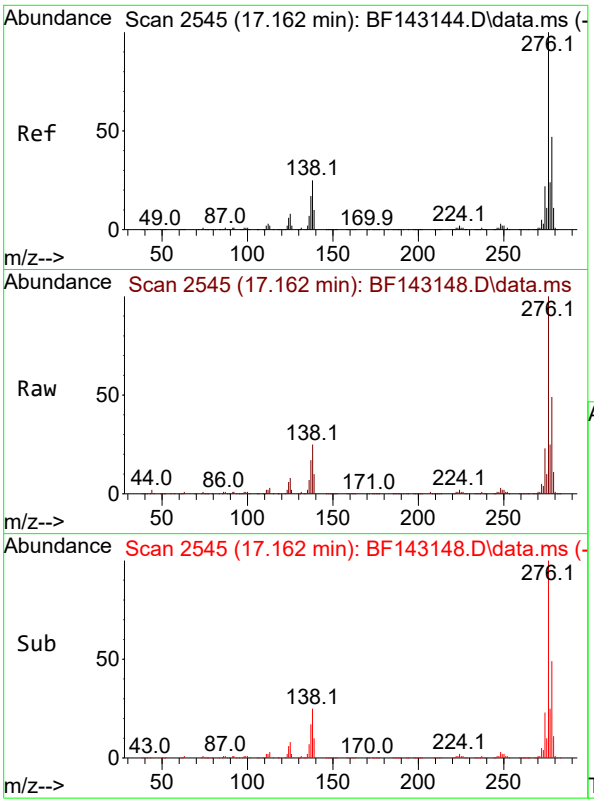




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 20.9 | 17.4 | 26.2 |

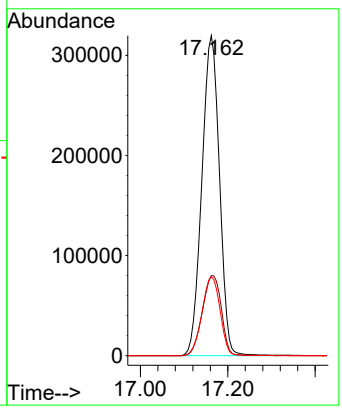





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 89640

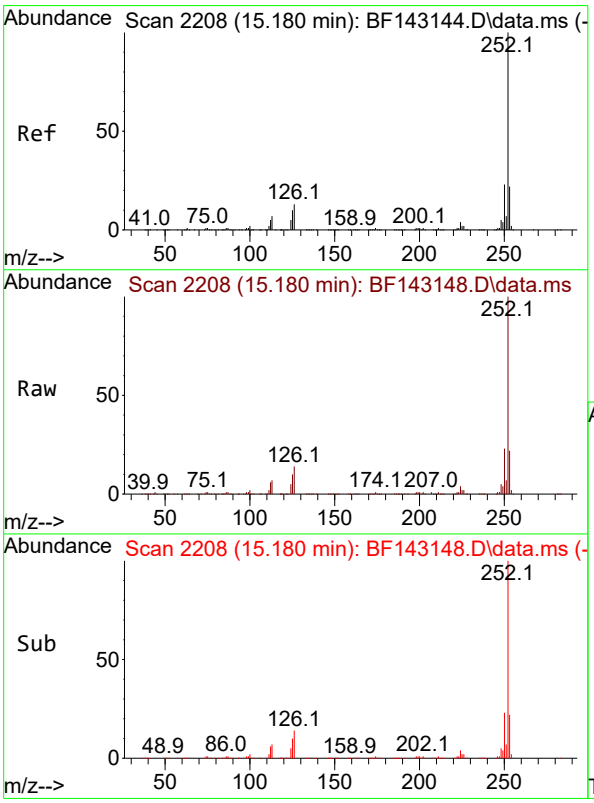
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.8 | 32.6 |
| 277 | 25.2 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

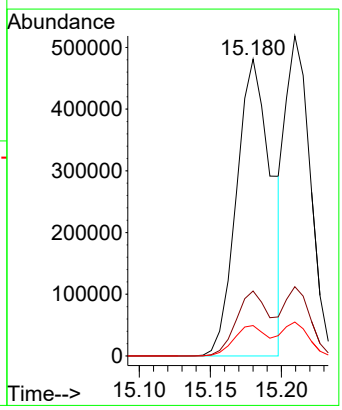
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

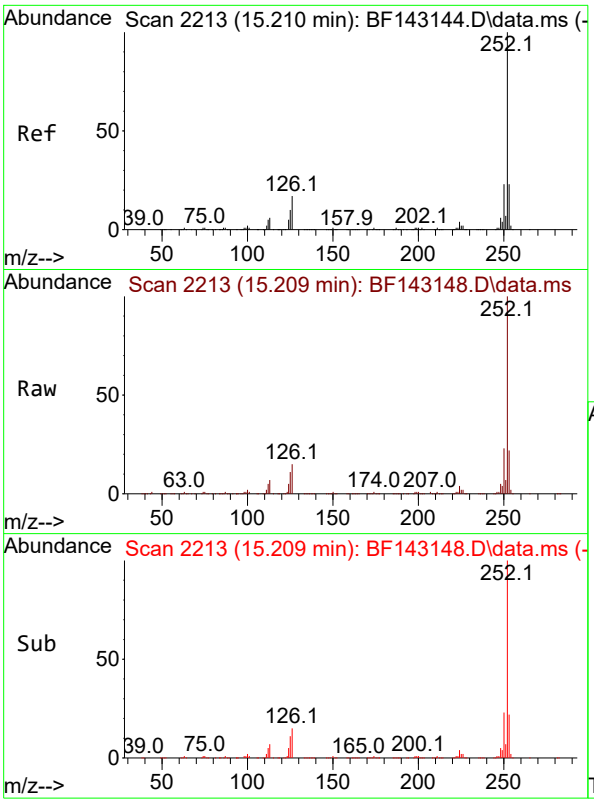



#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |

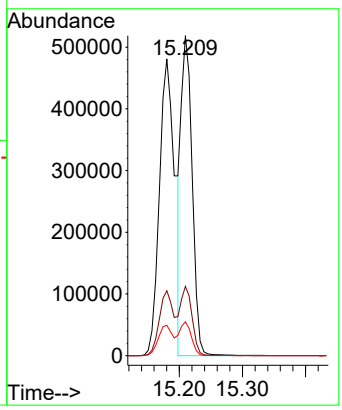





#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 63464

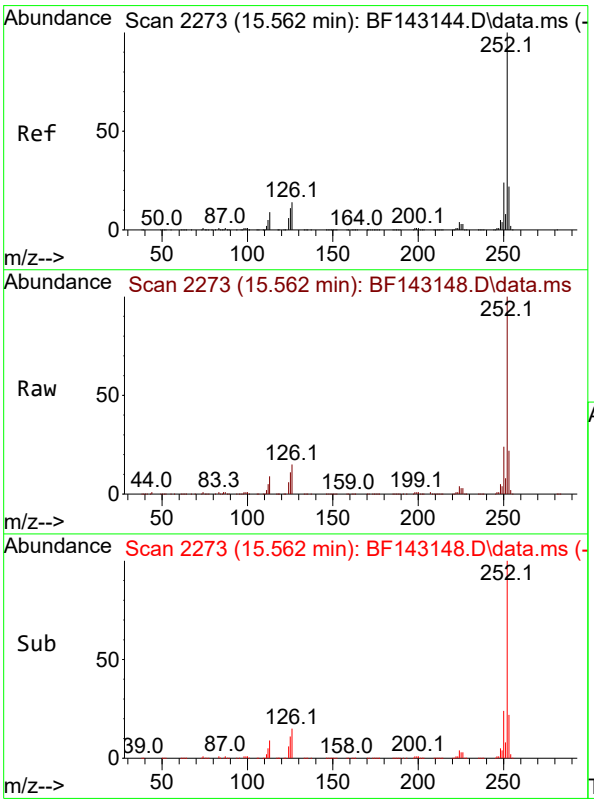
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.8 | 26.6 |
| 125 | 10.6 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

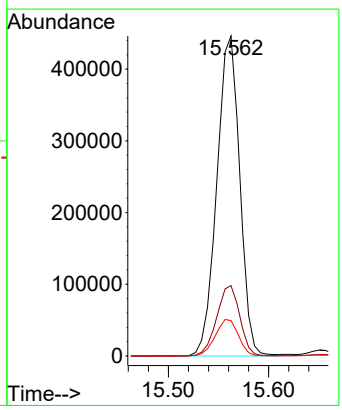
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

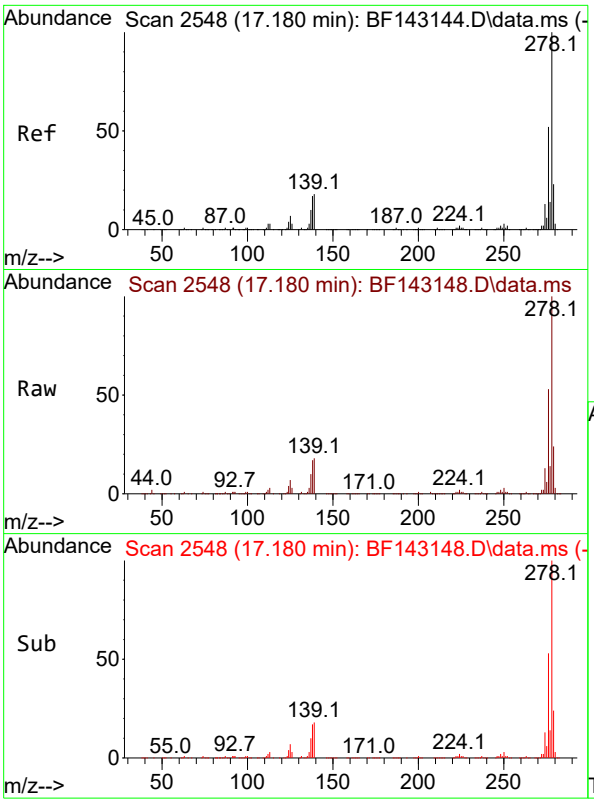



#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.3 | 25.9 |
| 125 | 11.1 | 8.6 | 13.0 |

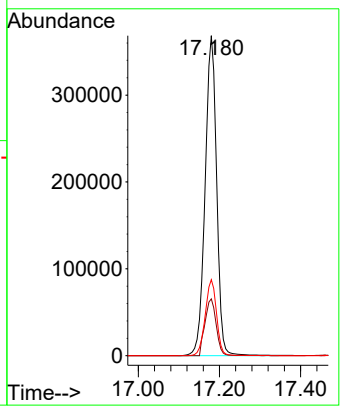





#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:278 Resp: 72475

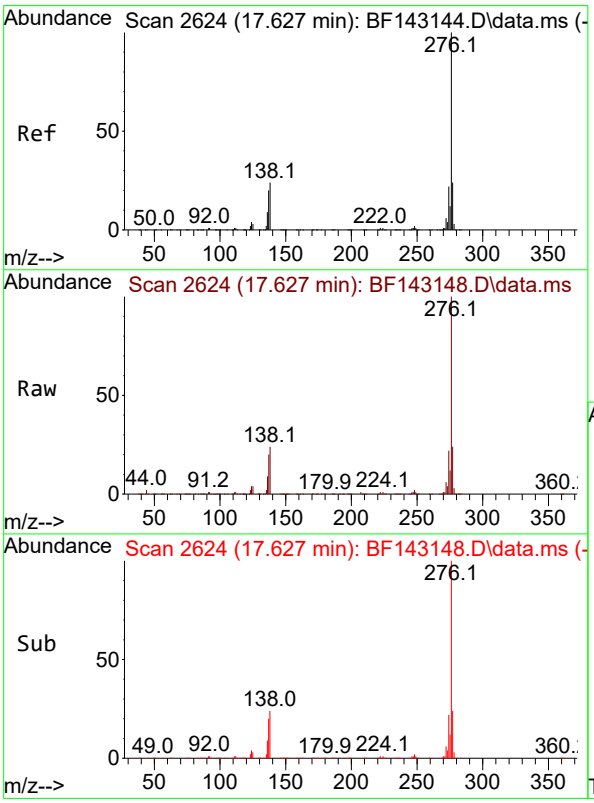
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 14.1 | 21.1 |
| 279 | 23.8 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

**Manual Integrations APPROVED**

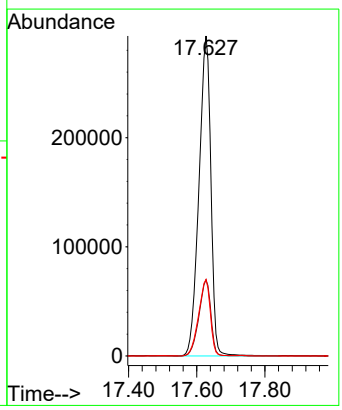
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025




#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.1 | 28.7 |
| 138 | 23.9 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 2 | | 1,4-Dioxane | 0.598 | 0.576 | 3.7 | 83 | -0.03 |
| 3 | | Pyridine | 1.552 | 1.576 | -1.5 | 89 | -0.02 |
| 4 | | n-Nitrosodimethylamine | 0.801 | 0.817 | -2.0 | 87 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.264 | 1.219 | 3.6 | 85 | 0.00 |
| 6 | | Aniline | 2.217 | 2.277 | -2.7 | 89 | 0.00 |
| 7 | S | Phenol-d6 | 1.591 | 1.554 | 2.3 | 86 | 0.00 |
| 8 | | 2-Chlorophenol | 1.325 | 1.375 | -3.8 | 90 | 0.00 |
| 9 | | Benzaldehyde | 1.193 | 1.117 | 6.4 | 67 | 0.00 |
| 10 | C | Phenol | 1.733 | 1.769 | -2.1 | 89 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.348 | -1.6 | 89 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.439 | 1.454 | -1.0 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.476 | -1.9 | 90 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.378 | 1.430 | -3.8 | 92 | 0.00 |
| 15 | | Benzyl Alcohol | 1.215 | 1.274 | -4.9 | 90 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.461 | 2.545 | -3.4 | 91 | 0.00 |
| 17 | | 2-Methylphenol | 1.114 | 1.153 | -3.5 | 91 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.526 | -4.8 | 92 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.021 | 1.029 | -0.8 | 90 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.351 | 1.432 | -6.0 | 92 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 22 | | Acetophenone | 0.474 | 0.477 | -0.6 | 91 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.401 | 0.362 | 9.7 | 79 | 0.00 |
| 24 | | Nitrobenzene | 0.374 | 0.390 | -4.3 | 91 | 0.00 |
| 25 | | Isophorone | 0.708 | 0.718 | -1.4 | 91 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.162 | 0.182 | -12.3 | 93 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.331 | 0.337 | -1.8 | 91 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.425 | 0.424 | 0.2 | 90 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.279 | 0.285 | -2.2 | 90 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.306 | -1.3 | 91 | 0.00 |
| 31 | | Naphthalene | 0.985 | 0.989 | -0.4 | 90 | 0.00 |
| 32 | | Benzoic acid | 0.169 | 0.181 | -7.1 | 88 | 0.00 |
| 33 | | 4-Chloroaniline | 0.402 | 0.409 | -1.7 | 91 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.190 | -3.3 | 92 | 0.00 |
| 35 | | Caprolactam | 0.084 | 0.086 | -2.4 | 87 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.303 | 0.308 | -1.7 | 89 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.599 | 0.604 | -0.8 | 91 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.617 | 0.628 | -1.8 | 91 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.577 | 0.591 | -2.4 | 93 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.376 | 0.403 | -7.2 | 93 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.207 | 0.207 | 0.0 | 85 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.402 | -0.5 | 91 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.400 | 0.430 | -7.5 | 92 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.462 | 1.261 | 13.7 | 80 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.560 | 1.601 | -2.6 | 93 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.160 | -0.4 | 91 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.362 | 0.396 | -9.4 | 91 | 0.00 |
| 49 | | Acenaphthylene | 1.935 | 1.936 | -0.1 | 90 | 0.00 |
| 50 | | Dimethylphthalate | 1.304 | 1.311 | -0.5 | 89 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.265 | 0.291 | -9.8 | 91 | 0.00 |
| 52 | C | Acenaphthene | 1.144 | 1.149 | -0.4 | 91 | 0.00 |
| 53 | | 3-Nitroaniline | 0.310 | 0.333 | -7.4 | 91 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.098 | 0.113 | -15.3 | 93 | 0.00 |
| 55 | | Dibenzofuran | 1.698 | 1.697 | 0.1 | 90 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.245 | -5.6 | 86 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.370 | -11.1 | 90 | 0.00 |
| 58 | | Fluorene | 1.274 | 1.249 | 2.0 | 89 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.331 | 0.346 | -4.5 | 90 | 0.00 |
| 60 | | Diethylphthalate | 1.289 | 1.312 | -1.8 | 90 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.635 | 0.641 | -0.9 | 91 | 0.00 |
| 62 | | 4-Nitroaniline | 0.266 | 0.279 | -4.9 | 86 | 0.00 |
| 63 | | Azobenzene | 1.343 | 1.357 | -1.0 | 89 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.094 | 0.108 | -14.9 | 93 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.704 | 0.709 | -0.7 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.238 | 0.243 | -2.1 | 90 | 0.00 |
| 68 | | Hexachlorobenzene | 0.249 | 0.251 | -0.8 | 88 | 0.00 |
| 69 | | Atrazine | 0.194 | 0.207 | -6.7 | 89 | 0.00 |
| 70 | C | Pentachlorophenol | 0.147 | 0.155 | -5.4 | 88 | 0.00 |
| 71 | | Phenanthrene | 1.062 | 1.063 | -0.1 | 88 | 0.00 |
| 72 | | Anthracene | 1.083 | 1.098 | -1.4 | 89 | 0.00 |
| 73 | | Carbazole | 0.946 | 0.957 | -1.2 | 87 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.132 | -5.8 | 89 | 0.00 |
| 75 | C | Fluoranthene | 0.975 | 0.995 | -2.1 | 88 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 77 | | Benzidine | 0.771 | 0.833 | -8.0 | 78 | 0.00 |
| 78 | | Pyrene | 1.707 | 1.703 | 0.2 | 89 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.344 | 1.165 | 13.3 | 79 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.573 | -9.6 | 94 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.337 | 0.1 | 93 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.446 | 0.488 | -9.4 | 102 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.271 | -5.6 | 94 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.862 | -9.0 | 98 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.434 | 1.544 | -7.7 | 100 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.410 | 1.445 | -2.5 | 98 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.222 | 1.322 | -8.2 | 110 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.090 | 1.023 | 6.1 | 87 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.126 | 1.142 | -1.4 | 98 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.148 | 1.168 | -1.7 | 98 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.110 | 1.149 | -3.5 | 99 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev Area% | Dev(min) |
|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 86 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 38.496 | 3.8 | 83 | -0.03 |
| 3 | | Pyridine | 40.000 | 40.604 | -1.5 | 89 | -0.02 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 40.802 | -2.0 | 87 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.143 | 3.6 | 85 | 0.00 |
| 6 | | Aniline | 40.000 | 41.078 | -2.7 | 89 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.133 | 2.3 | 86 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.530 | -3.8 | 90 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 37.441 | 6.4 | 67 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.827 | -2.1 | 89 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.628 | -1.6 | 89 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.400 | -1.0 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.731 | -1.8 | 90 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 41.506 | -3.8 | 92 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.958 | -4.9 | 90 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.357 | -3.4 | 91 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 41.398 | -3.5 | 91 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 41.903 | -4.8 | 92 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.342 | -0.9 | 90 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.387 | -6.0 | 92 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 87 | 0.00 |
| 22 | | Acetophenone | 40.000 | 40.260 | -0.6 | 91 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 72.247 | 9.7 | 79 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 41.731 | -4.3 | 91 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.567 | -1.4 | 91 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 44.896 | -12.2 | 93 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.773 | -1.9 | 91 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.939 | 0.2 | 90 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.875 | -2.2 | 90 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.551 | -1.4 | 91 | 0.00 |
| 31 | | Naphthalene | 40.000 | 40.143 | -0.4 | 90 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.782 | 0.5 | 88 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.671 | -1.7 | 91 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.284 | -3.2 | 92 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.959 | -2.4 | 87 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.611 | -1.5 | 89 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.279 | -0.7 | 91 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.712 | -1.8 | 91 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 87 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.944 | -2.4 | 93 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 42.872 | -7.2 | 93 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 79.969 | 0.0 | 85 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.253 | -0.6 | 91 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 42.989 | -7.5 | 92 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 68.992 | 13.8 | 80 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 41.053 | -2.6 | 93 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.184 | -0.5 | 91 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 43.723 | -9.3 | 91 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.013 | -0.0 | 90 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.218 | -0.5 | 89 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 43.820 | -9.6 | 91 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.176 | -0.4 | 91 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.985 | -7.5 | 91 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 40.998 | -2.5 | 93 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.981 | 0.0 | 90 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.344 | -5.9 | 86 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 44.440 | -11.1 | 90 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.219 | 2.0 | 89 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.743 | -4.4 | 90 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.729 | -1.8 | 90 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.377 | -0.9 | 91 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.953 | -4.9 | 86 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.414 | -1.0 | 89 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 84 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.869 | -4.7 | 93 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.250 | -0.6 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.828 | -2.1 | 90 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 40.268 | -0.7 | 88 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.615 | -6.5 | 89 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.292 | -5.7 | 88 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.026 | -0.1 | 88 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.557 | -1.4 | 89 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.476 | -1.2 | 87 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.330 | -5.8 | 89 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.836 | -2.1 | 88 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 89 | 0.00 |
| 77 | | Benzidine | 40.000 | 43.239 | -8.1 | 78 | 0.00 |
| 78 | | Pyrene | 40.000 | 39.916 | 0.2 | 89 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 69.333 | 13.3 | 79 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 43.827 | -9.6 | 94 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.950 | 0.1 | 93 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 43.772 | -9.4 | 102 | 0.00 |
| 83 | | Chrysene | 40.000 | 42.233 | -5.6 | 94 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 43.578 | -8.9 | 98 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 43.077 | -7.7 | 100 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.983 | -2.5 | 98 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 43.278 | -8.2 | 110 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 37.531 | 6.2 | 87 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.594 | -1.5 | 98 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.710 | -1.8 | 98 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 41.394 | -3.5 | 99 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025196.D 5 =BP025197.D 10 =BP025198.D 20 =BP025199.D 40 =BP025200.D 50 =BP025201.D 60 =BP025202.D 80 =BP0252
03.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ---------- | ISTD | ---------- | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.465 | 0.448 | 0.444 | 0.428 | 0.465 | 0.439 | 0.417 | 0.444 | 4.00 |
| 3) | | Pyridine | | 1.216 | 1.139 | 1.178 | 1.166 | 1.258 | 1.199 | 1.155 | 1.188 | 3.42 |
| 4) | | n-Nitrosodimet... | | | 0.443 | 0.468 | 0.468 | 0.502 | 0.481 | 0.463 | 0.471 | 4.16 |
| 5) | S | 2-Fluorophenol | | 1.225 | 1.157 | 1.200 | 1.163 | 1.241 | 1.183 | 1.117 | 1.184 | 3.58 |
| 6) | | Aniline | | 1.917 | 1.817 | 1.913 | 1.926 | 2.037 | 1.940 | 1.864 | 1.916 | 3.55 |
| 7) | S | Phenol-d6 | | 1.475 | 1.426 | 1.477 | 1.468 | 1.544 | 1.473 | 1.399 | 1.466 | 3.11 |
| 8) | | 2-Chlorophenol | | 1.343 | 1.287 | 1.346 | 1.338 | 1.421 | 1.365 | 1.301 | 1.343 | 3.27 |
| 9) | | Benzaldehyde | | | 0.925 | 0.954 | 1.109 | 1.237 | 0.994 | 0.745 | 0.994 | 16.85 |
| 10) | C | Phenol | | 1.528 | 1.464 | 1.521 | 1.519 | 1.613 | 1.531 | 1.466 | 1.520 | 3.29 |
| 11) | | bis(2-Chloroet... | | 1.181 | 1.125 | 1.157 | 1.164 | 1.243 | 1.170 | 1.118 | 1.166 | 3.54 |
| 12) | | 1,3-Dichlorobe... | | 1.563 | 1.492 | 1.514 | 1.493 | 1.579 | 1.502 | 1.429 | 1.510 | 3.31 |
| 13) | C | 1,4-Dichlorobe... | | 1.574 | 1.496 | 1.532 | 1.506 | 1.603 | 1.514 | 1.447 | 1.525 | 3.39 |
| 14) | | 1,2-Dichlorobe... | | 1.534 | 1.420 | 1.461 | 1.451 | 1.542 | 1.456 | 1.401 | 1.467 | 3.65 |
| 15) | | Benzyl Alcohol | | | 1.000 | 1.051 | 1.063 | 1.123 | 1.077 | 1.031 | 1.057 | 3.95 |
| 16) | | 2,2'-oxybis(1-... | | 1.518 | 1.433 | 1.497 | 1.487 | 1.595 | 1.483 | 1.426 | 1.491 | 3.79 |
| 17) | | 2-Methylphenol | | 1.045 | 1.003 | 1.053 | 1.058 | 1.130 | 1.065 | 1.025 | 1.054 | 3.77 |
| 18) | | Hexachloroethane | | 0.529 | 0.510 | 0.517 | 0.520 | 0.557 | 0.530 | 0.507 | 0.524 | 3.19 |
| 19) | P | n-Nitroso-di-n... | 0.864 | 0.909 | 0.837 | 0.899 | 0.888 | 0.949 | 0.881 | 0.830 | 0.882 | 4.41 |
| 20) | | 3+4-Methylphenols | | | 1.354 | 1.436 | 1.440 | 1.549 | 1.462 | 1.386 | 1.438 | 4.68 |
| 21) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | | | |
| 22) | | Acetophenone | | 0.479 | 0.468 | 0.482 | 0.450 | 0.490 | 0.463 | 0.427 | 0.465 | 4.67 |
| 23) | S | Nitrobenzene-d5 | | 0.368 | 0.355 | 0.369 | 0.352 | 0.380 | 0.363 | 0.332 | 0.360 | 4.24 |
| 24) | | Nitrobenzene | | 0.322 | 0.317 | 0.326 | 0.314 | 0.338 | 0.325 | 0.304 | 0.321 | 3.34 |
| 25) | | Isophorone | | 0.649 | 0.613 | 0.647 | 0.622 | 0.663 | 0.635 | 0.600 | 0.633 | 3.51 |
| 26) | C | 2-Nitrophenol | | 0.173 | 0.169 | 0.183 | 0.183 | 0.201 | 0.194 | 0.186 | 0.184 | 6.05 |
| 27) | | 2,4-Dimethylph... | | 0.306 | 0.300 | 0.312 | 0.303 | 0.328 | 0.314 | 0.295 | 0.308 | 3.53 |
| 28) | | bis(2-Chloroet... | | 0.408 | 0.391 | 0.406 | 0.383 | 0.417 | 0.399 | 0.367 | 0.396 | 4.34 |
| 29) | C | 2,4-Dichloroph... | | 0.314 | 0.305 | 0.320 | 0.313 | 0.336 | 0.322 | 0.306 | 0.317 | 3.35 |
| 30) | | 1,2,4-Trichlor... | | 0.359 | 0.345 | 0.349 | 0.334 | 0.361 | 0.347 | 0.326 | 0.346 | 3.58 |
| 31) | | Naphthalene | | 1.078 | 1.018 | 1.046 | 0.996 | 1.070 | 1.016 | 0.941 | 1.023 | 4.61 |
| 32) | | Benzoic acid | | | 0.182 | 0.226 | 0.235 | 0.262 | 0.258 | 0.249 | 0.235 | 12.48 |
| 33) | | 4-Chloroaniline | | 0.456 | 0.437 | 0.456 | 0.438 | 0.475 | 0.462 | 0.426 | 0.450 | 3.75 |
| 34) | C | Hexachlorobuta... | | 0.213 | 0.205 | 0.211 | 0.203 | 0.217 | 0.211 | 0.197 | 0.208 | 3.33 |
| 35) | | Caprolactam | | | 0.099 | 0.107 | 0.101 | 0.112 | 0.109 | 0.103 | 0.105 | 4.63 |
| 36) | C | 4-Chloro-3-met... | | 0.313 | 0.311 | 0.322 | 0.307 | 0.333 | 0.324 | 0.306 | 0.317 | 3.23 |
| 37) | | 2-Methylnaphth... | | 0.687 | 0.659 | 0.681 | 0.646 | 0.696 | 0.664 | 0.620 | 0.665 | 3.95 |
| 38) | | 1-Methylnaphth... | | 0.733 | 0.692 | 0.714 | 0.681 | 0.732 | 0.695 | 0.639 | 0.698 | 4.70 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.611 | 0.588 | 0.601 | 0.590 | 0.639 | 0.597 | 0.571 | 0.599 | 3.54 |
| 41) | P | Hexachlorocycl... | | | 0.288 | 0.329 | 0.354 | 0.403 | 0.392 | 0.381 | 0.358 | 12.18 |
| 42) | S | 2,4,6-Tribromo... | 0.297 | 0.288 | 0.298 | 0.288 | 0.316 | 0.296 | 0.281 | 0.295 | 3.77 |
| 43) | C | 2,4,6-Trichlor... | 0.391 | 0.394 | 0.412 | 0.408 | 0.442 | 0.416 | 0.405 | 0.410 | 4.09 |
| 44) | | 2,4,5-Trichlor... | 0.437 | 0.438 | 0.452 | 0.450 | 0.478 | 0.459 | 0.441 | 0.451 | 3.25 |
| 45) | S | 2-Fluorobiphenyl | 1.616 | 1.525 | 1.525 | 1.401 | 1.486 | 1.252 | 1.125 | 1.419 | 12.22 |
| 46) | | 1,1'-Biphenyl | 1.523 | 1.474 | 1.469 | 1.426 | 1.502 | 1.418 | 1.336 | 1.450 | 4.32 |
| 47) | | 2-Chloronaphth... | 1.176 | 1.144 | 1.126 | 1.104 | 1.178 | 1.123 | 1.072 | 1.132 | 3.37 |
| 48) | | 2-Nitroaniline | 0.267 | 0.274 | 0.290 | 0.287 | 0.319 | 0.297 | 0.290 | 0.289 | 5.72 |
| 49) | | Acenaphthylene | 1.890 | 1.843 | 1.893 | 1.809 | 1.958 | 1.802 | 1.620 | 1.831 | 5.88 |
| 50) | | Dimethylphthalate | 1.515 | 1.438 | 1.457 | 1.378 | 1.508 | 1.401 | 1.315 | 1.430 | 5.01 |
| 51) | | 2,6-Dinitrotol... | 0.292 | 0.295 | 0.312 | 0.310 | 0.335 | 0.321 | 0.310 | 0.311 | 4.80 |
| 52) | C | Acenaphthene | 1.108 | 1.069 | 1.077 | 1.030 | 1.127 | 1.032 | 0.968 | 1.059 | 5.08 |
| 53) | | 3-Nitroaniline | 0.328 | 0.337 | 0.352 | 0.342 | 0.384 | 0.360 | 0.350 | 0.350 | 5.15 |
| 54) | P | 2,4-Dinitrophenol | | | 0.133 | 0.167 | 0.181 | 0.211 | 0.207 | 0.205 | 0.184 | 16.39 |
| 55) | | Dibenzofuran | 1.831 | 1.721 | 1.749 | 1.676 | 1.784 | 1.658 | 1.550 | 1.710 | 5.40 |
| 56) | P | 4-Nitrophenol | | | 0.277 | 0.299 | 0.289 | 0.323 | 0.313 | 0.298 | 0.300 | 5.57 |
| 57) | | 2,4-Dinitrotol... | 0.395 | 0.402 | 0.439 | 0.434 | 0.482 | 0.457 | 0.437 | 0.435 | 6.88 |
| 58) | | Fluorene | 1.467 | 1.383 | 1.399 | 1.327 | 1.413 | 1.294 | 1.221 | 1.358 | 6.10 |
| 59) | | 2,3,4,6-Tetrac... | 0.397 | 0.380 | 0.402 | 0.391 | 0.427 | 0.406 | 0.390 | 0.399 | 3.75 |
| 60) | | Diethylphthalate | 1.490 | 1.408 | 1.428 | 1.379 | 1.504 | 1.377 | 1.282 | 1.410 | 5.34 |
| 61) | | 4-Chlorophenyl... | 0.742 | 0.707 | 0.697 | 0.673 | 0.704 | 0.657 | 0.623 | 0.686 | 5.66 |
| 62) | | 4-Nitroaniline | 0.335 | 0.339 | 0.367 | 0.346 | 0.389 | 0.366 | 0.353 | 0.356 | 5.28 |
| 63) | | Azobenzene | 1.159 | 1.123 | 1.169 | 1.121 | 1.219 | 1.156 | 1.095 | 1.149 | 3.53 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | | 0.101 | 0.123 | 0.132 | 0.145 | 0.138 | 0.136 | 0.129 | 12.09 |
| 66) | c | n-Nitrosodiphe... | 0.637 | 0.617 | 0.625 | 0.601 | 0.634 | 0.596 | 0.539 | 0.607 | 5.56 |
| 67) | | 4-Bromophenyl-... | 0.234 | 0.231 | 0.233 | 0.233 | 0.248 | 0.235 | 0.220 | 0.233 | 3.51 |
| 68) | | Hexachlorobenzene | 0.282 | 0.275 | 0.281 | 0.280 | 0.289 | 0.276 | 0.257 | 0.277 | 3.70 |
| 69) | | Atrazine | 0.222 | 0.223 | 0.230 | 0.221 | 0.239 | 0.226 | 0.212 | 0.225 | 3.79 |
| 70) | C | Pentachlorophenol | | | 0.170 | 0.187 | 0.190 | 0.203 | 0.196 | 0.185 | 0.188 | 5.87 |
| 71) | | Phenanthrene | 1.158 | 1.116 | 1.115 | 1.070 | 1.112 | 1.047 | 0.932 | 1.079 | 6.85 |
| 72) | | Anthracene | 1.140 | 1.130 | 1.142 | 1.083 | 1.161 | 1.065 | 0.885 | 1.087 | 8.77 |
| 73) | | Carbazole | 1.095 | 1.071 | 1.086 | 1.029 | 1.101 | 1.004 | 0.875 | 1.037 | 7.70 |
| 74) | | Di-n-butylphth... | 1.264 | 1.248 | 1.288 | 1.211 | 1.300 | 1.145 | 0.923 | 1.197 | 11.01 |
| 75) | C | Fluoranthene | 1.350 | 1.343 | 1.337 | 1.252 | 1.306 | 1.185 | 1.114 | 1.270 | 7.15 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | | 0.711 | 0.783 | 0.846 | 0.716 | 0.626 | 0.531 | 0.702 | 15.92 |
| 78) | | Pyrene | 1.316 | 1.229 | 1.273 | 1.258 | 1.279 | 1.187 | 1.090 | 1.233 | 6.09 |
| 79) | S | Terphenyl-d14 | 1.209 | 1.162 | 1.127 | 0.890 | 0.967 | 0.724 | | 1.013 | 18.40 |
| 80) | | Butylbenzylpht... | 0.558 | 0.536 | 0.560 | 0.564 | 0.587 | 0.566 | 0.537 | 0.558 | 3.17 |
| 81) | | Benzo(a)anthra... | 1.339 | 1.289 | 1.311 | 1.244 | 1.322 | 1.221 | 1.115 | 1.263 | 6.14 |
| 82) | | 3,3'-Dichlorob... | | | 0.524 | 0.550 | 0.509 | 0.550 | 0.525 | 0.483 | 0.524 | 4.89 |
| 83) | | Chrysene | 1.254 | 1.202 | 1.215 | 1.159 | 1.236 | 1.147 | 1.040 | 1.179 | 6.13 |
| 84) | | Bis(2-ethylhex... | 0.828 | 0.801 | 0.817 | 0.802 | 0.840 | 0.780 | 0.719 | 0.798 | 5.02 |
| 85) | c | Di-n-octyl pht... | | | 1.368 | 1.457 | 1.384 | 1.492 | 1.354 | 1.214 | 1.378 | 7.01 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.498 | 1.428 | 1.461 | 1.426 | 1.540 | 1.460 | 1.417 | 1.462 | 3.02 |
| 88) | | Benzo(b)fluora... | 1.200 | 1.164 | 1.149 | 1.132 | 1.187 | 1.123 | 1.059 | 1.145 | 4.11 |
| 89) | | Benzo(k)fluora... | 1.191 | 1.117 | 1.148 | 1.134 | 1.201 | 1.118 | 1.003 | 1.130 | 5.77 |
| 90) | C | Benzo(a)pyrene | 1.144 | 1.099 | 1.131 | 1.103 | 1.183 | 1.108 | 1.050 | 1.117 | 3.73 |
| 91) | | Dibenzo(a,h)an... | 1.216 | 1.181 | 1.205 | 1.175 | 1.251 | 1.190 | 1.128 | 1.192 | 3.20 |
| 92) | | Benzo(g,h,i)pe... | 1.211 | 1.141 | 1.178 | 1.150 | 1.226 | 1.163 | 1.135 | 1.172 | 2.99 |

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

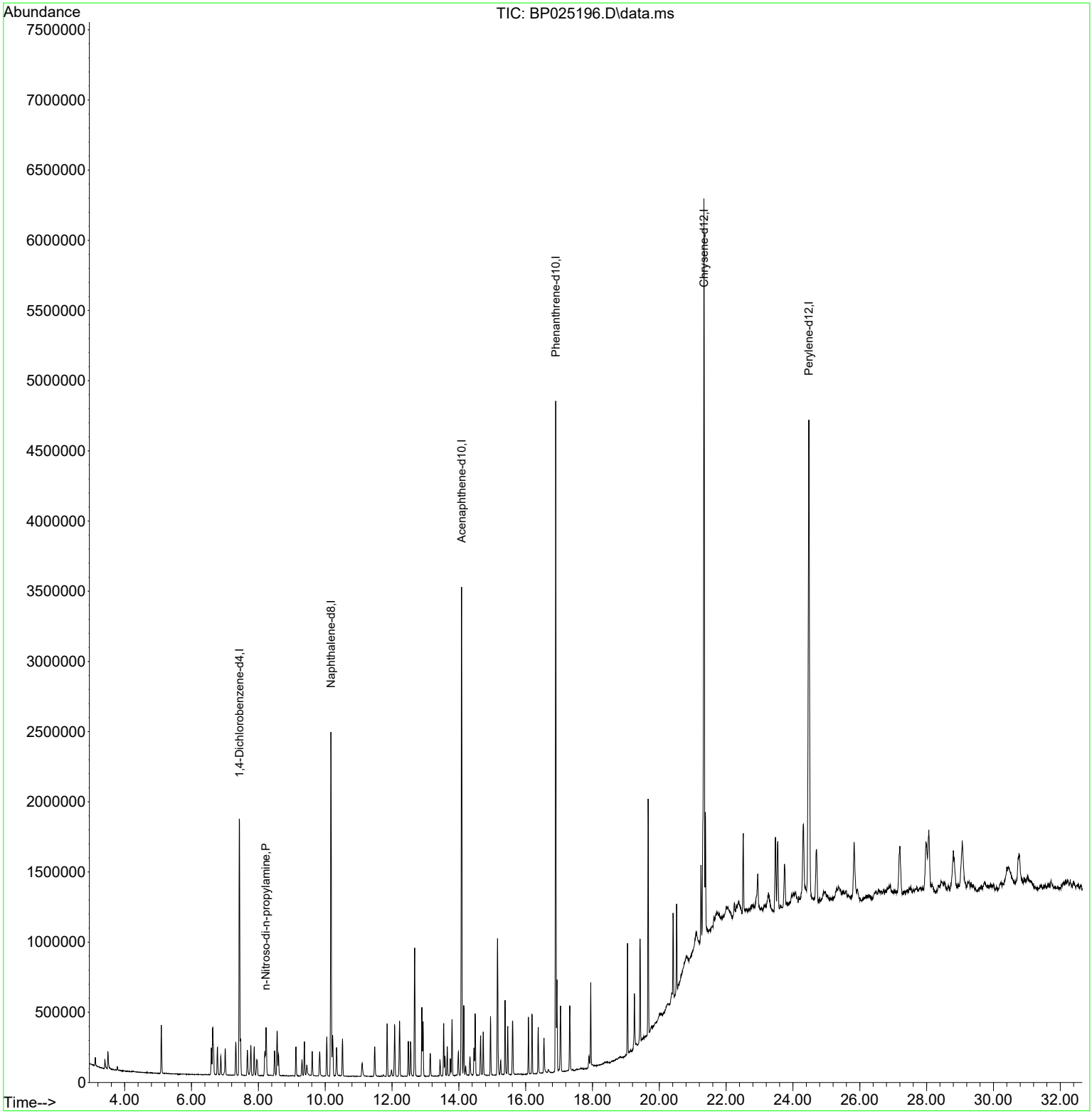
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 519487 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2005408 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.083 | 164 | 1311001 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2604517 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2930579 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.477 | 264 | 3527222 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 0.000 | 112 | 0d | 0.000 | ng | |
| 7) Phenol-d6 | 0.000 | 99 | 0d | 0.000 | ng | |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | |
| 45) 2-Fluorobiphenyl | 0.000 | 172 | 0d | 0.000 | ng | |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 8.225 | 70 | 56086 | 2.424 | ng | 99 |

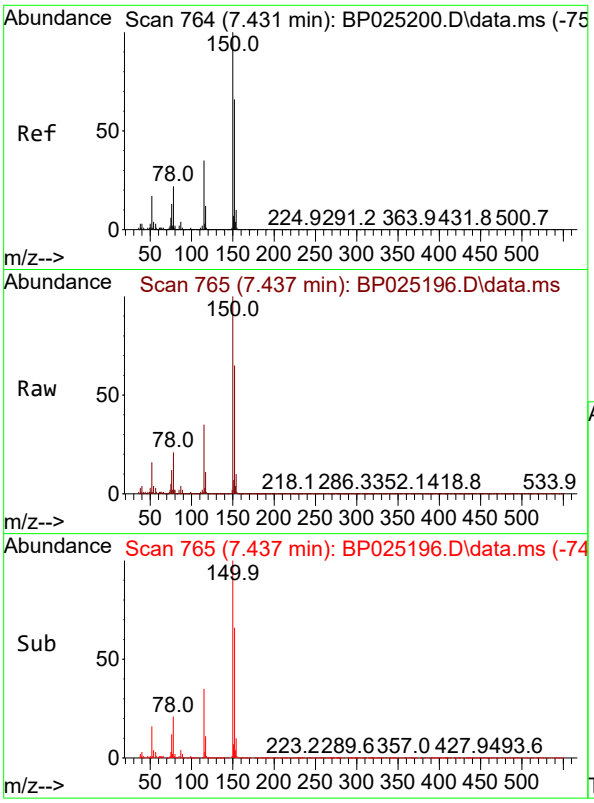
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025196.D
Acq On : 21 Jul 2025 14:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Jul 22 02:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



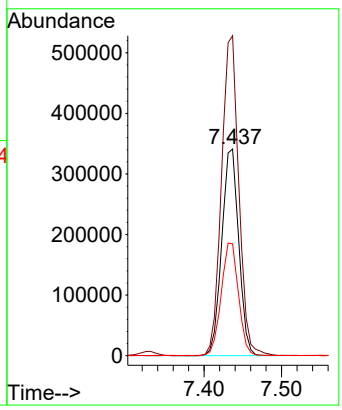


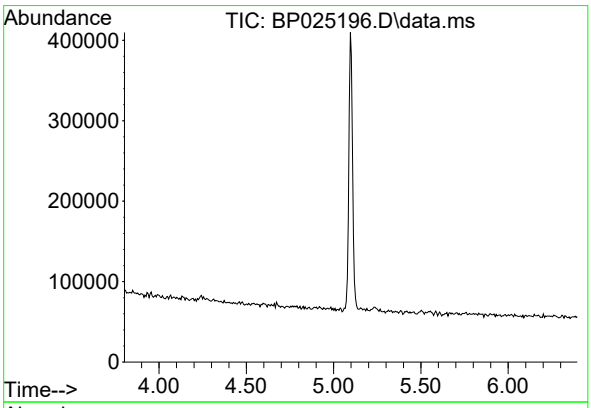

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 519487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 121.9 | 182.9 |
| 115 | 54.1 | 43.0 | 64.6 |



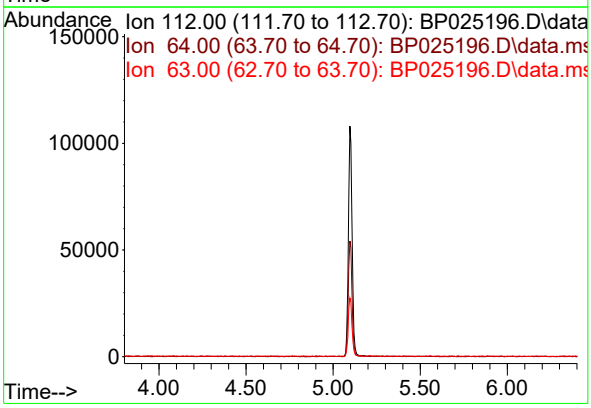



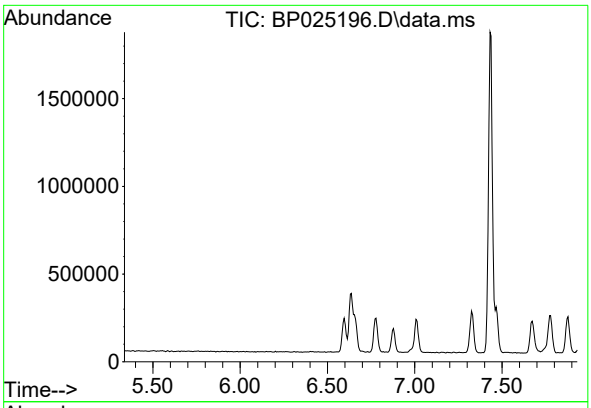

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 49.7 |
| 63 | 25.6 |





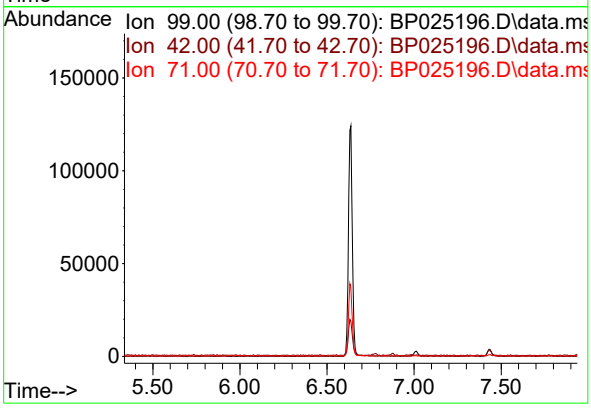

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

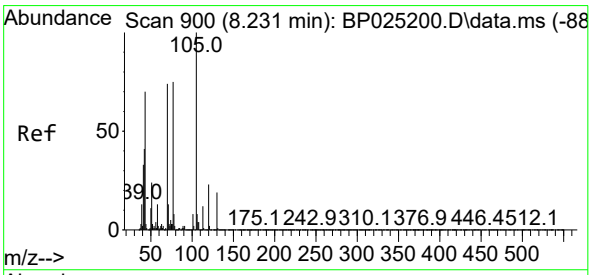
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

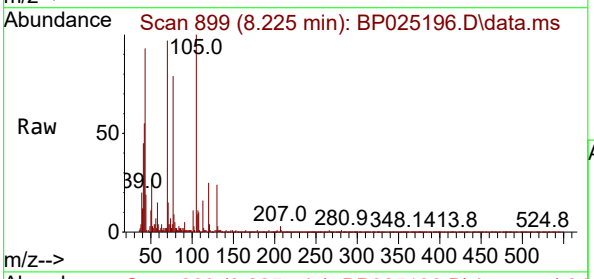
**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

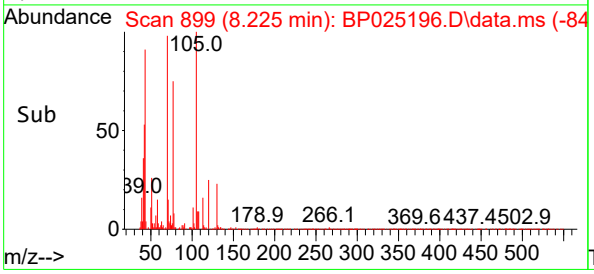
Tgt Ion: 99

| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 15.6 |
| 71 | 30.2 |



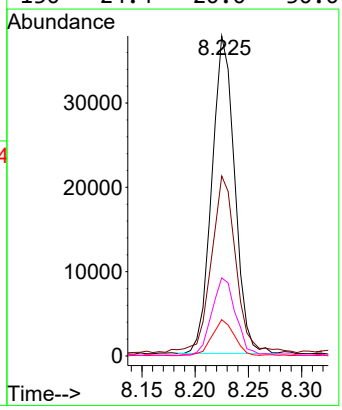



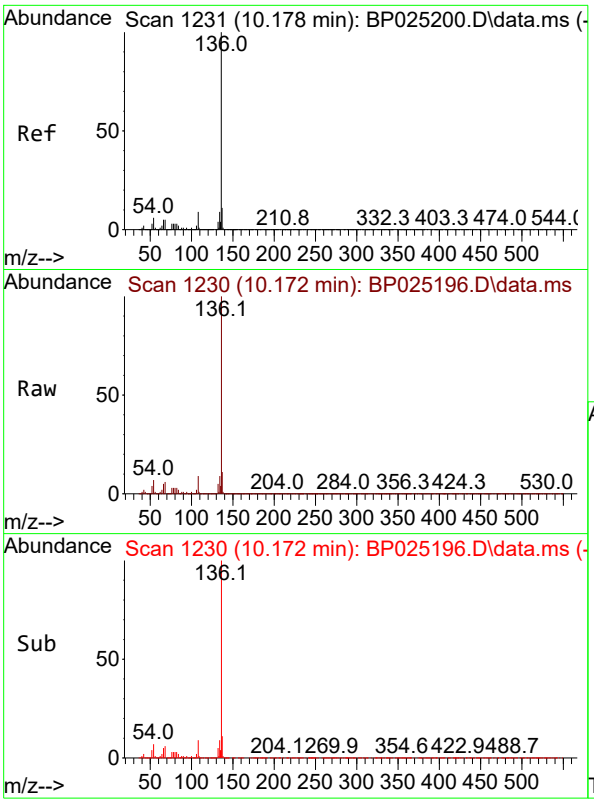




#19
n-Nitroso-di-n-propylamine
Concen: 2.424 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 70 Resp: 56086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.2 | 44.2 | 66.2 |
| 101 | 11.4 | 8.6 | 12.8 |
| 130 | 24.4 | 20.0 | 30.0 |



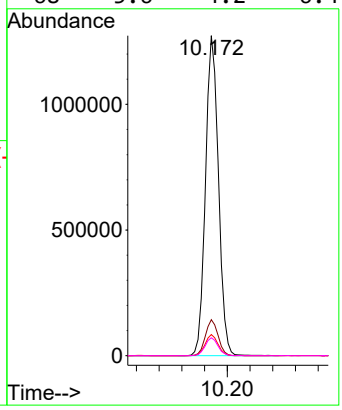


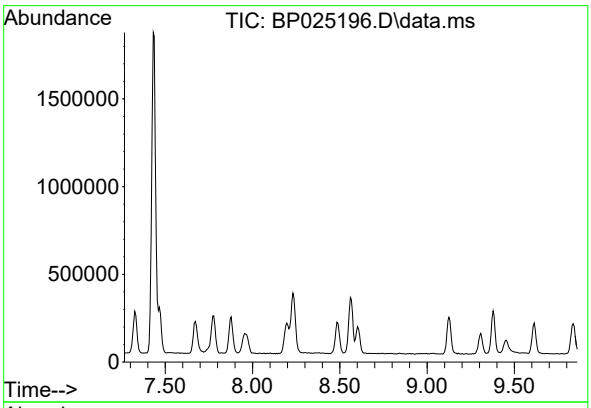

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 2005408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |



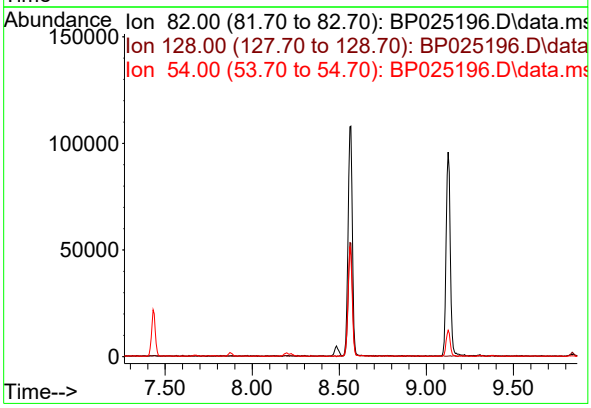



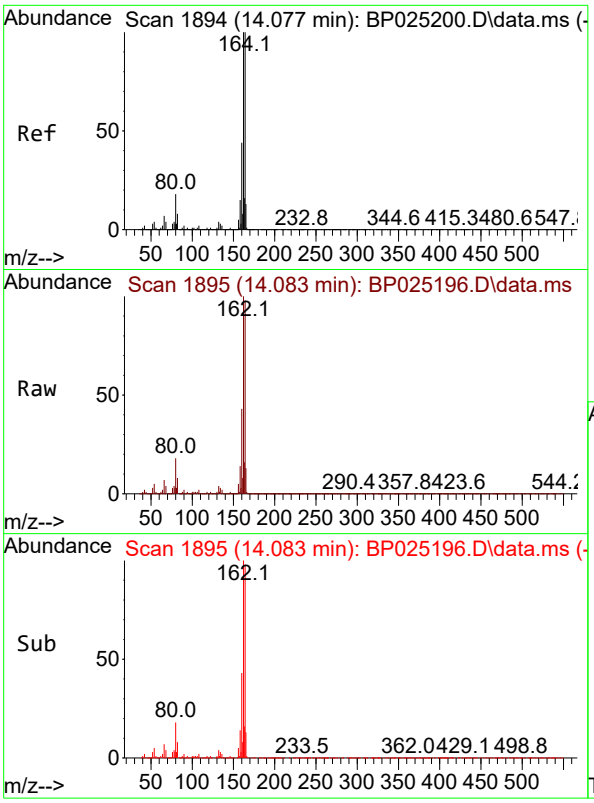

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 50.3 |
| 54 | 45.4 |



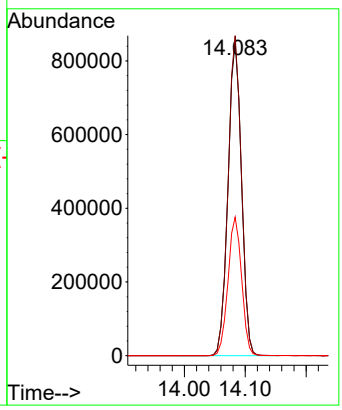


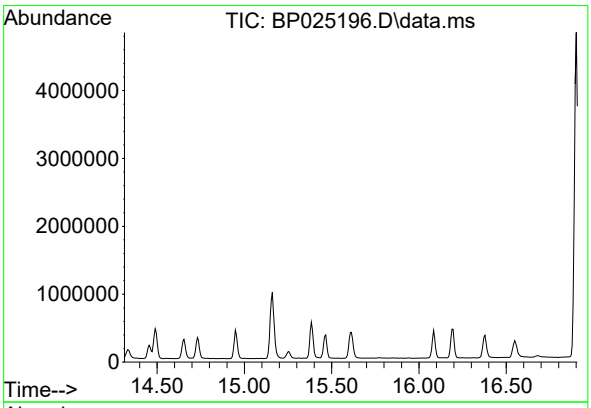

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 1311001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 80.3 | 120.5 |
| 160 | 44.2 | 35.7 | 53.5 |



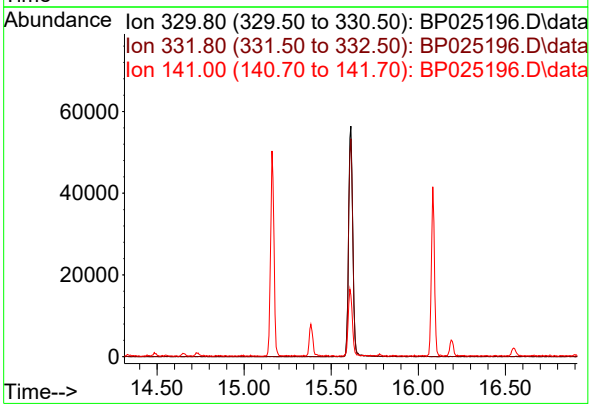



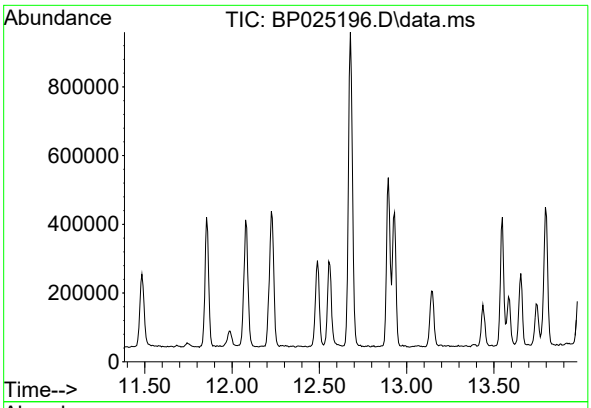

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.61 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 96.4 |
| 141 | 28.0 |





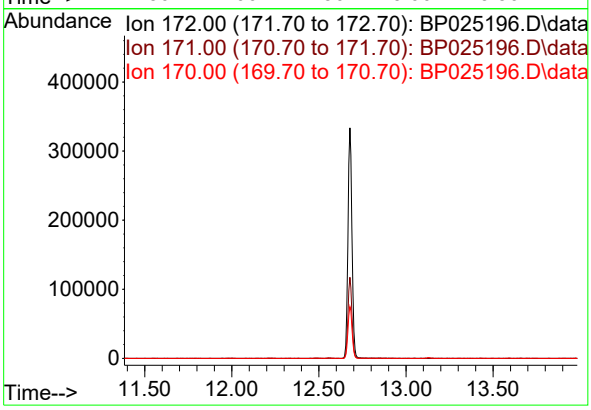

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.68 min

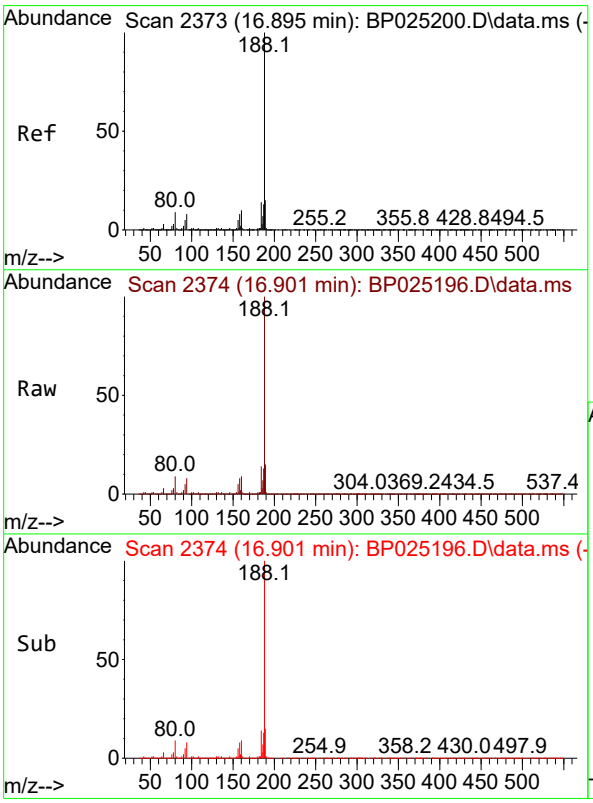
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 36.0 |
| 170 | 24.0 |

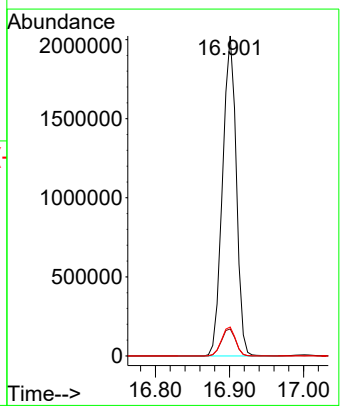


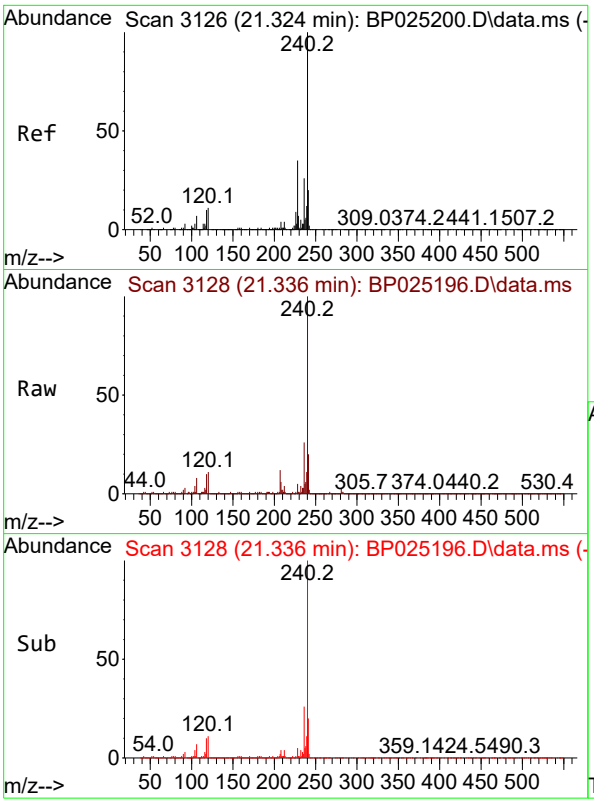




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion:188 Resp: 2604517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.8 | 10.2 |
| 80 | 9.1 | 7.3 | 10.9 |



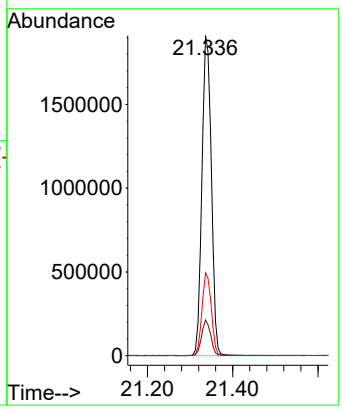


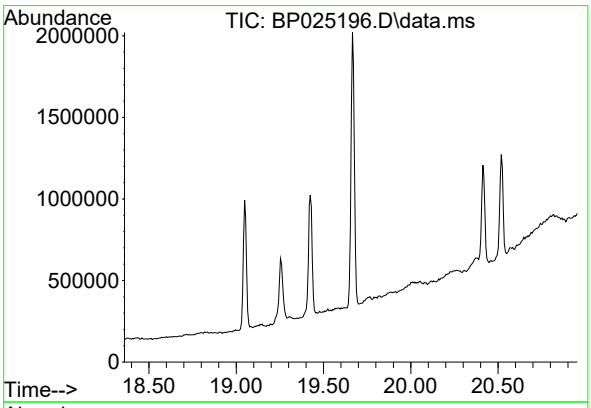

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 2930579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |



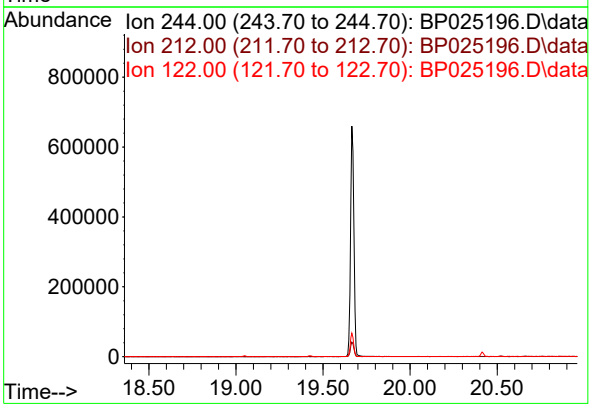



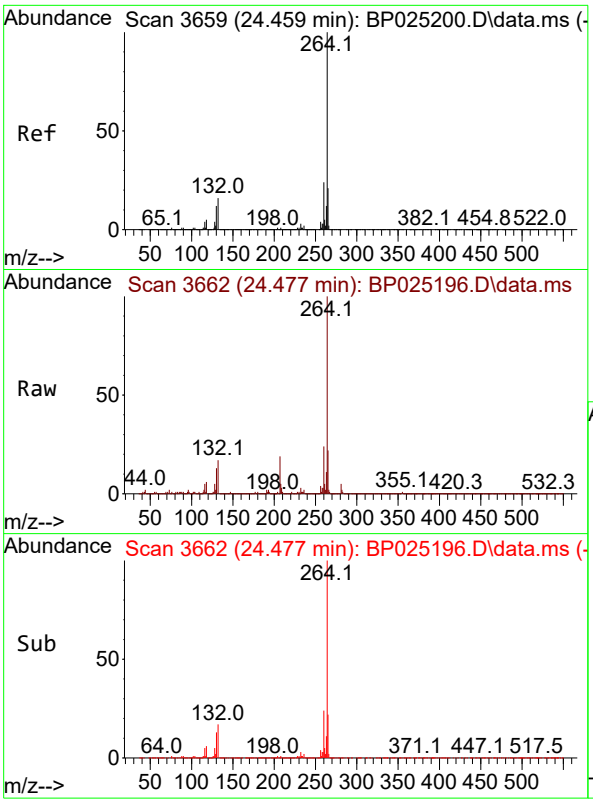

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 8.2 |
| 122 | 12.9 |



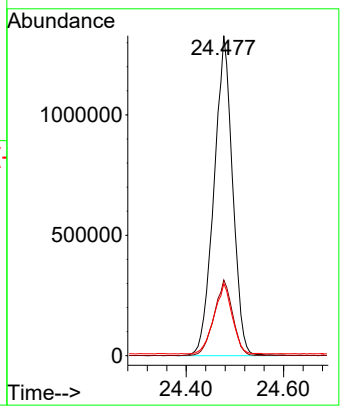



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025196.D
Acq: 21 Jul 2025 14:25

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 3527222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.0 | 28.6 |
| 265 | 22.5 | 17.5 | 26.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 501148 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 1993468 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1309068 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2636351 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2873366 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.454 | 264 | 3311045 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 306866 | 10.229 | ng | 0.00 |
| 7) Phenol-d6 | 6.631 | 99 | 369676 | 9.982 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 366442 | 10.078 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 194693 | 10.002 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 1057796 | 10.698 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 1736355 | 11.285 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 58261 | 5.168 | ng | 98 |
| 3) Pyridine | 3.502 | 79 | 152389 | 5.103 | ng | 98 |
| 6) Aniline | 6.778 | 93 | 240191 | 4.987 | ng | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 168204 | 4.983 | ng | 100 |
| 10) Phenol | 6.655 | 94 | 191463 | 4.997 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 147992 | 5.030 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 195840 | 5.114 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 197217 | 5.103 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 192220 | 5.177 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 190207 | 5.040 | ng | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 130912 | 4.939 | ng | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 66324 | 5.026 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.225 | 70 | 113871 | 5.102 | ng | 96 |
| 22) Acetophenone | 8.237 | 105 | 238513 | 5.052 | ng | 99 |
| 24) Nitrobenzene | 8.602 | 77 | 160535 | 4.982 | ng | 97 |
| 25) Isophorone | 9.125 | 82 | 323606 | 5.082 | ng | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 86302 | 4.758 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 152482 | 4.939 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 203537 | 5.091 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 156480 | 4.941 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.043 | 180 | 178685 | 5.128 | ng | 99 |
| 31) Naphthalene | 10.219 | 128 | 537289 | 5.175 | ng | 100 |
| 33) 4-Chloroaniline | 10.337 | 127 | 227222 | 5.041 | ng | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 106389 | 5.084 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.478 | 107 | 156207 | 4.939 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 342320 | 5.098 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 365319 | 5.158 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 199889 | 5.042 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 127876 | 4.774 | ng | 98 |
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 143015 | 4.844 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.896 | 154 | 498351 | 5.148 | ng | 98 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 384841 | 5.132 | ng | 99 |
| 48) 2-Nitroaniline | 13.137 | 65 | 87405 | 4.646 | ng | 99 |
| 49) Acenaphthylene | 13.790 | 152 | 618618 | 5.030 | ng | 100 |
| 50) Dimethylphthalate | 13.543 | 163 | 495773 | 5.191 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.648 | 165 | 95645 | 4.731 | ng | 91 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.148 | 154 | 362769 | 5.121 | ng | 100 |
| 53) 3-Nitroaniline | 13.984 | 138 | 107353 | 4.706 | ng | 96 |
| 55) Dibenzofuran | 14.490 | 168 | 599358 | 5.225 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.448 | 165 | 129201 | 4.587 | ng | 97 |
| 58) Fluorene | 15.154 | 166 | 480256 | 5.250 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 129817 | 4.967 | ng | 99 |
| 60) Diethylphthalate | 14.948 | 149 | 487535 | 5.166 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 242941 | 5.269 | ng | 99 |
| 62) 4-Nitroaniline | 15.160 | 138 | 109472 | 4.709 | ng | 98 |
| 63) Azobenzene | 15.460 | 77 | 379326 | 5.004 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.384 | 169 | 419927 | 5.115 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.084 | 248 | 154137 | 4.959 | ng | 100 |
| 68) Hexachlorobenzene | 16.189 | 284 | 186075 | 5.013 | ng | 96 |
| 69) Atrazine | 16.366 | 200 | 146525 | 4.896 | ng | 98 |
| 71) Phenanthrene | 16.936 | 178 | 763302 | 5.196 | ng | 99 |
| 72) Anthracene | 17.031 | 178 | 751628 | 5.040 | ng | 99 |
| 73) Carbazole | 17.313 | 167 | 721457 | 5.085 | ng | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 832835 | 5.006 | ng | 99 |
| 75) Fluoranthene | 19.048 | 202 | 889535 | 5.122 | ng | 99 |
| 78) Pyrene | 19.425 | 202 | 945415 | 5.177 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 400726 | 4.973 | ng | 98 |
| 81) Benzo(a)anthracene | 21.319 | 228 | 961933 | 5.147 | ng | 99 |
| 83) Chrysene | 21.377 | 228 | 900450 | 5.166 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 594951 | 5.064 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 27.971 | 276 | 1239593m | 5.093 | ng | |
| 88) Benzo(b)fluoranthene | 23.466 | 252 | 993434 | 5.145 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.536 | 252 | 985473 | 5.140 | ng | 99 |
| 90) Benzo(a)pyrene | 24.307 | 252 | 947324 | 5.054 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.042 | 278 | 1006331 | 5.042 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.036 | 276 | 1002521 | 5.127 | ng | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

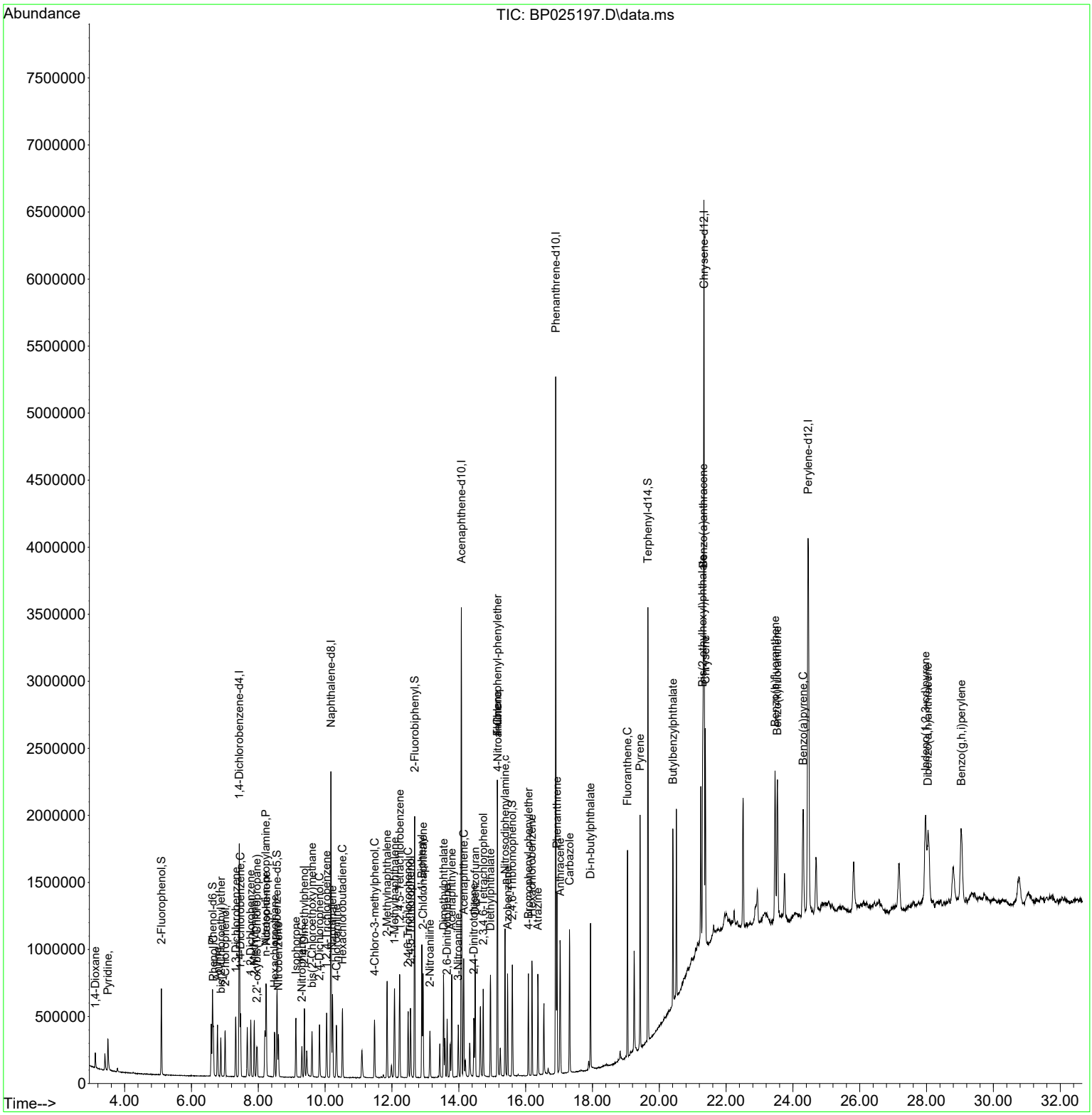
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

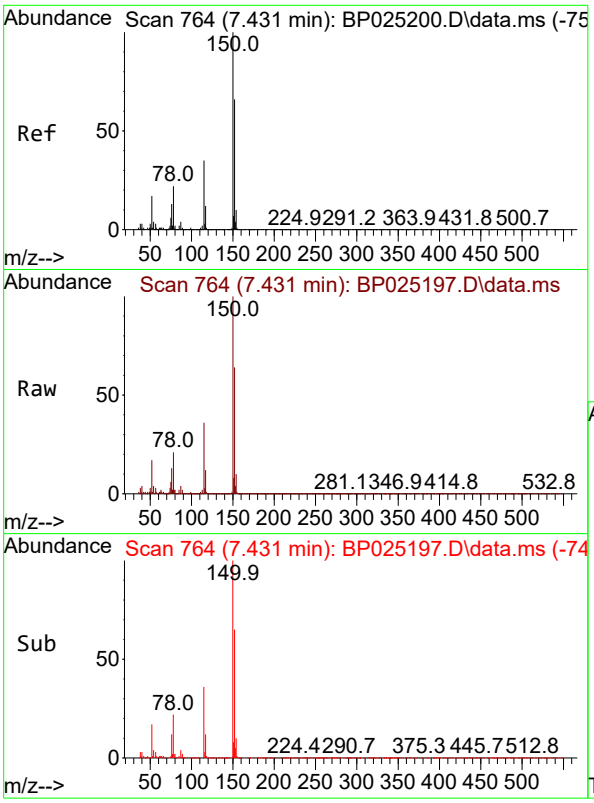
Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

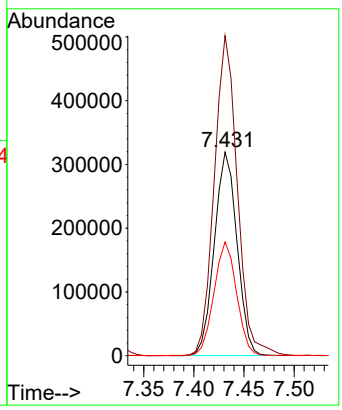





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 50114

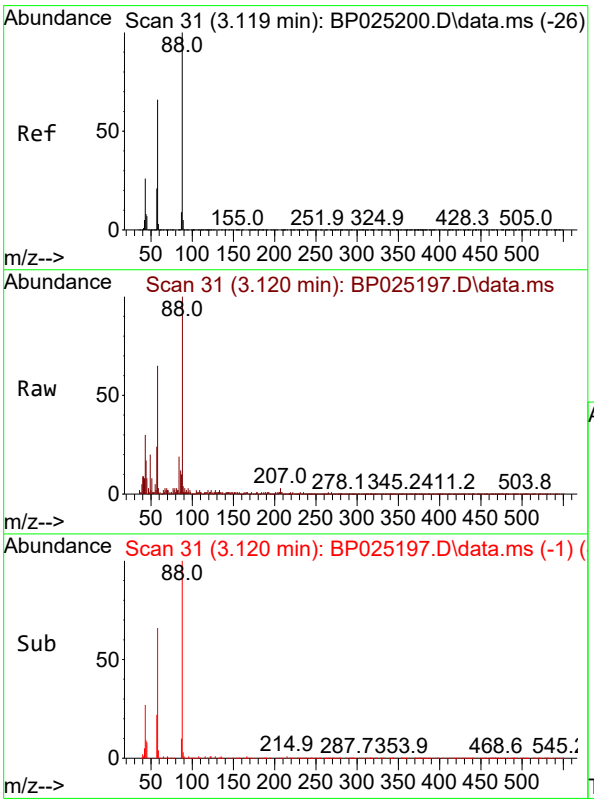
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 121.9 | 182.9 |
| 115 | 55.9 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

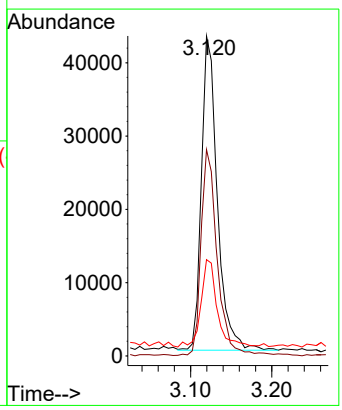
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

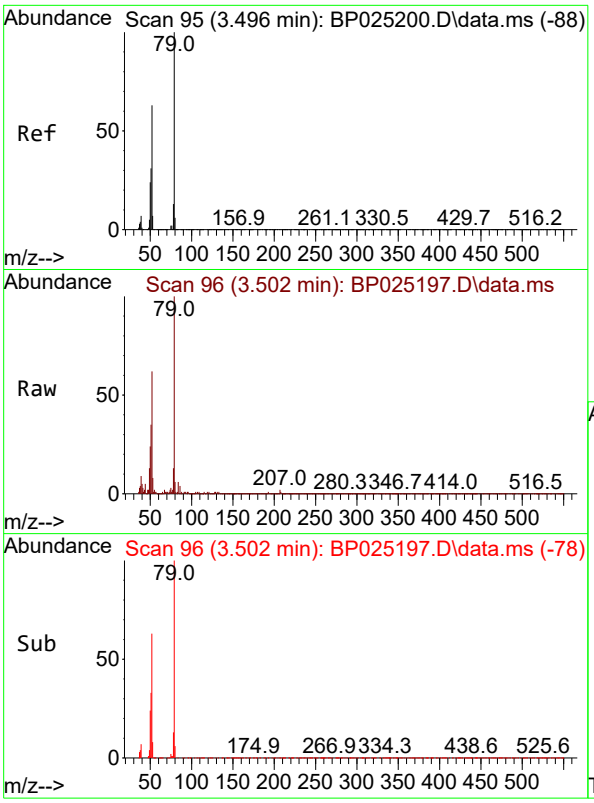



#2
1,4-Dioxane
Concen: 5.168 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 88 Resp: 58261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 53.5 | 80.3 |
| 43 | 28.5 | 20.8 | 31.2 |

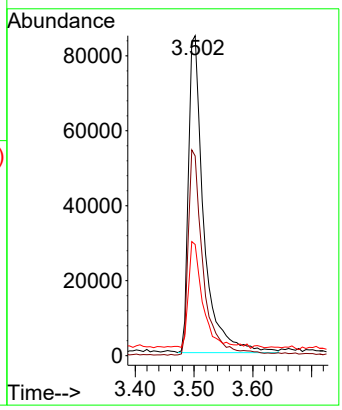





#3
Pyridine
Concen: 5.103 ng
RT: 3.502 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 79 Resp: 15238

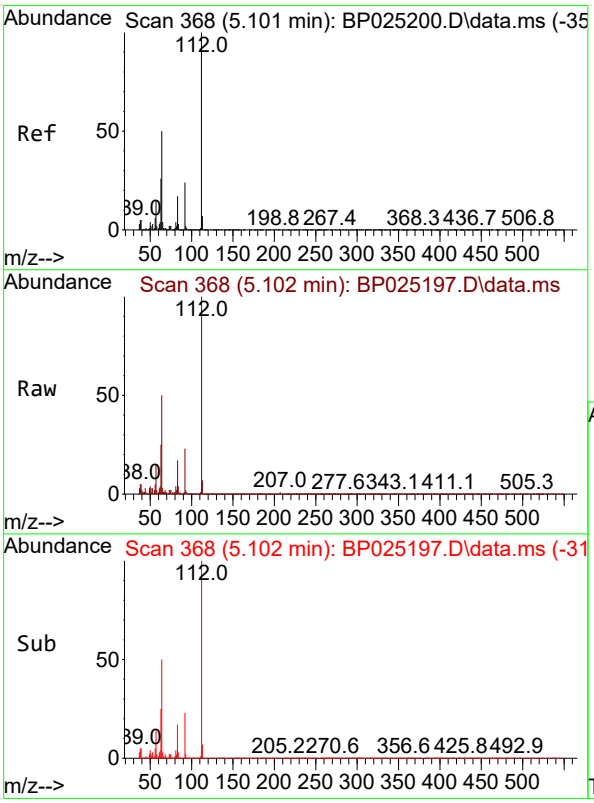
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.4 | 50.2 | 75.4 |
| 51 | 34.7 | 25.0 | 37.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

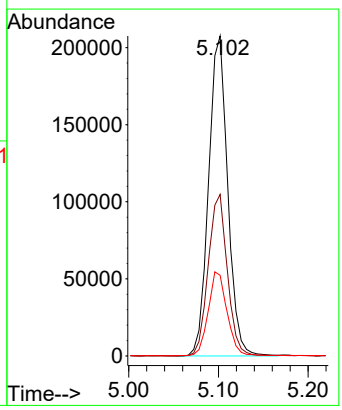
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

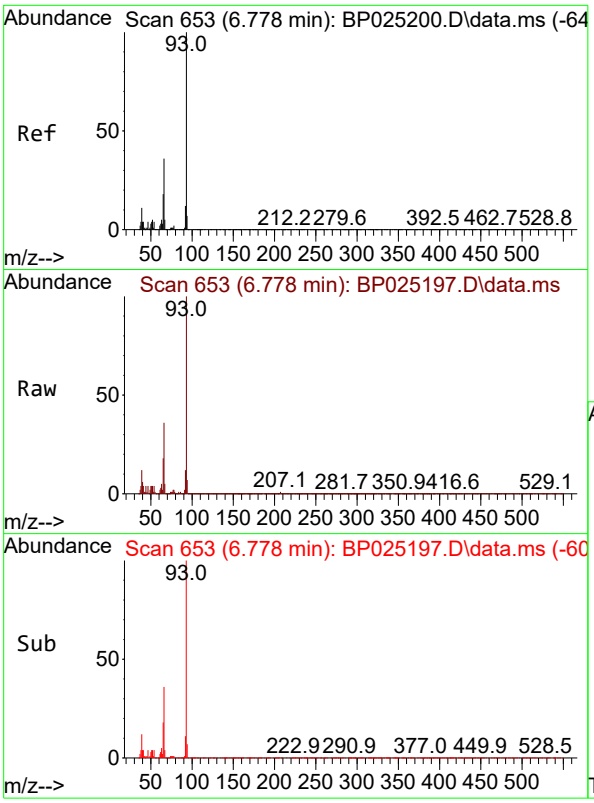



#5
2-Fluorophenol
Concen: 10.229 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:112 Resp: 306866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.5 | 39.8 | 59.6 |
| 63 | 25.2 | 20.5 | 30.7 |

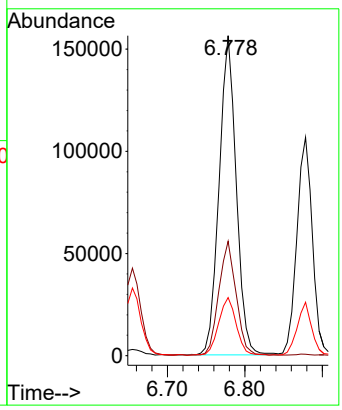





#6
Aniline
Concen: 4.987 ng
RT: 6.778 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 24019

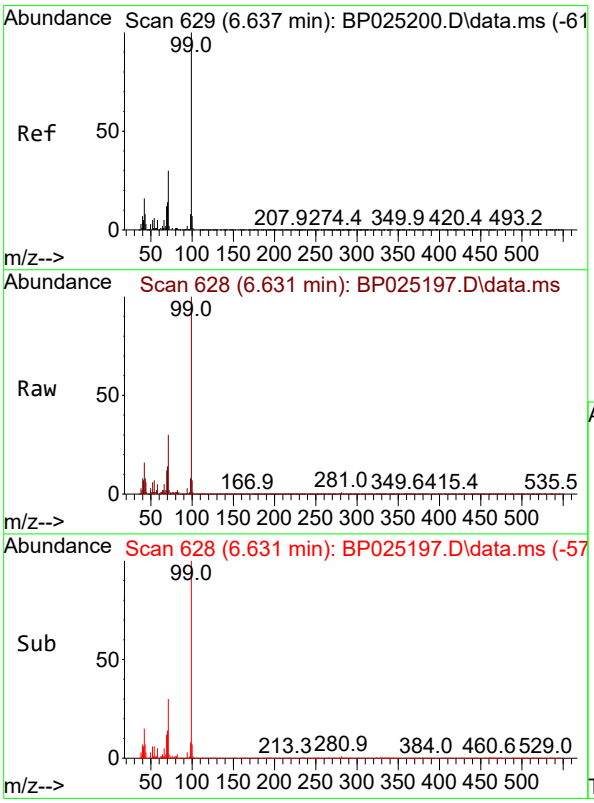
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.1 | 14.6 | 21.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

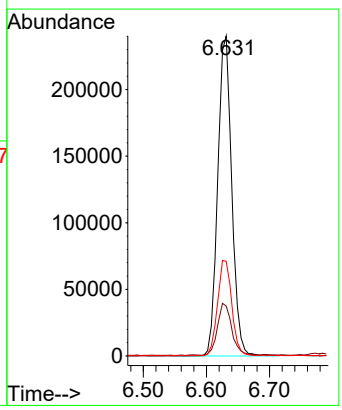
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

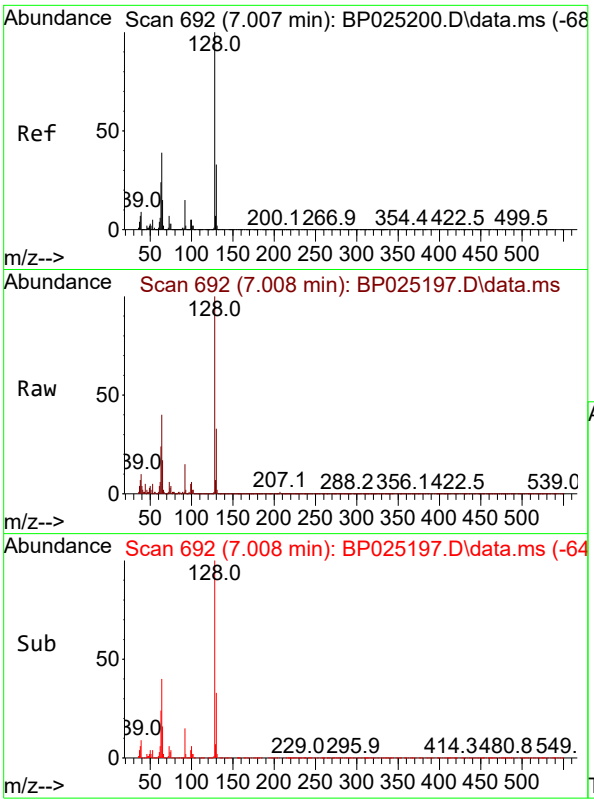



#7
Phenol-d6
Concen: 9.982 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 99 Resp: 369676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 12.5 | 18.7 |
| 71 | 29.6 | 24.2 | 36.2 |

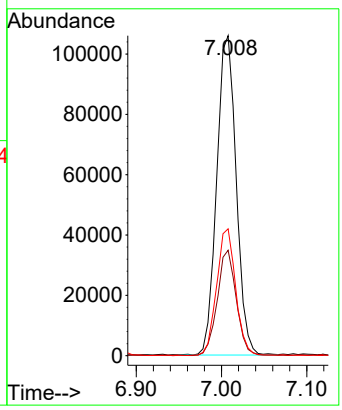





#8
2-Chlorophenol
Concen: 4.983 ng
RT: 7.008 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 16820

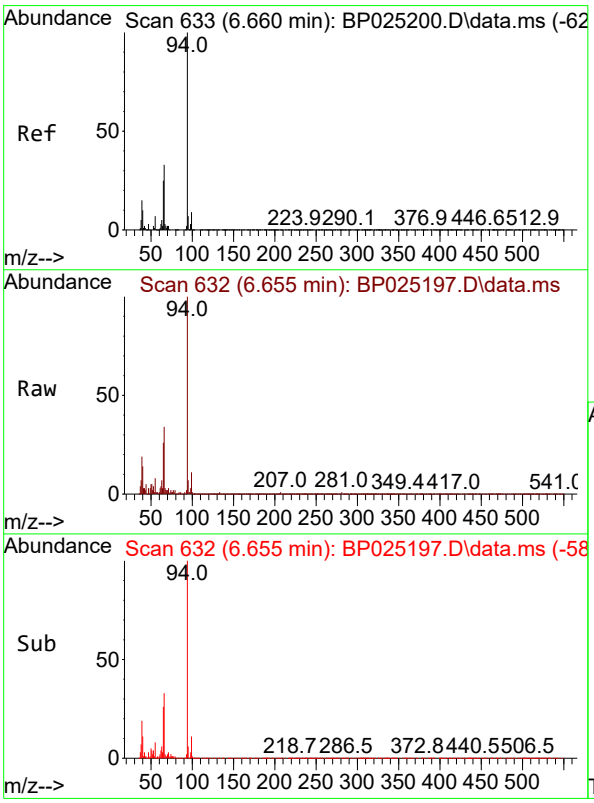
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 39.6 | 19.2 | 59.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

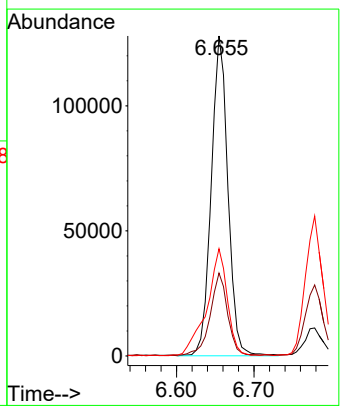
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

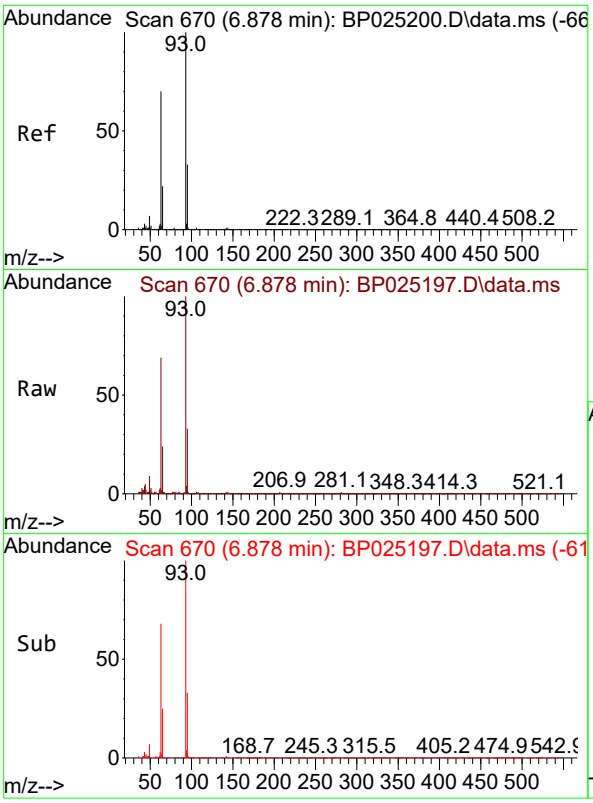



#10
Phenol
Concen: 4.997 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 94 Resp: 191463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.9 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |

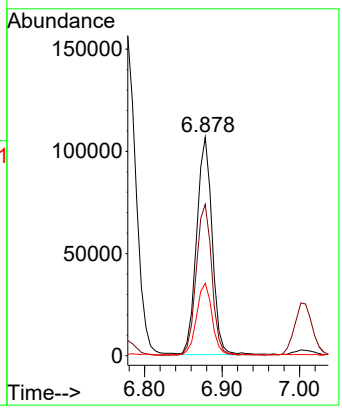





#11
bis(2-Chloroethyl)ether
Concen: 5.030 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 14799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.3 | 50.0 | 90.0 |
| 95 | 33.1 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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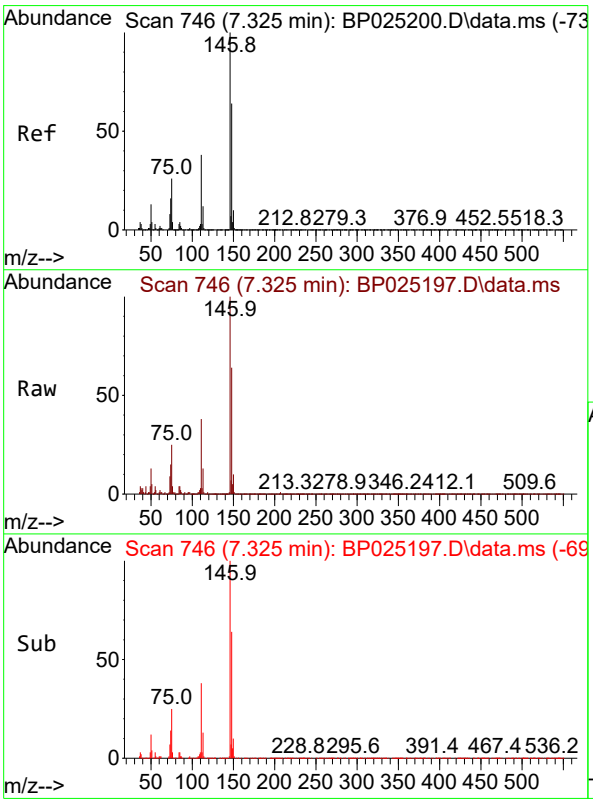
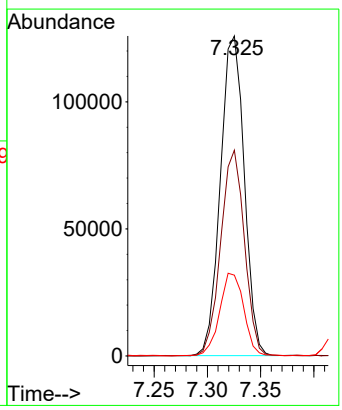
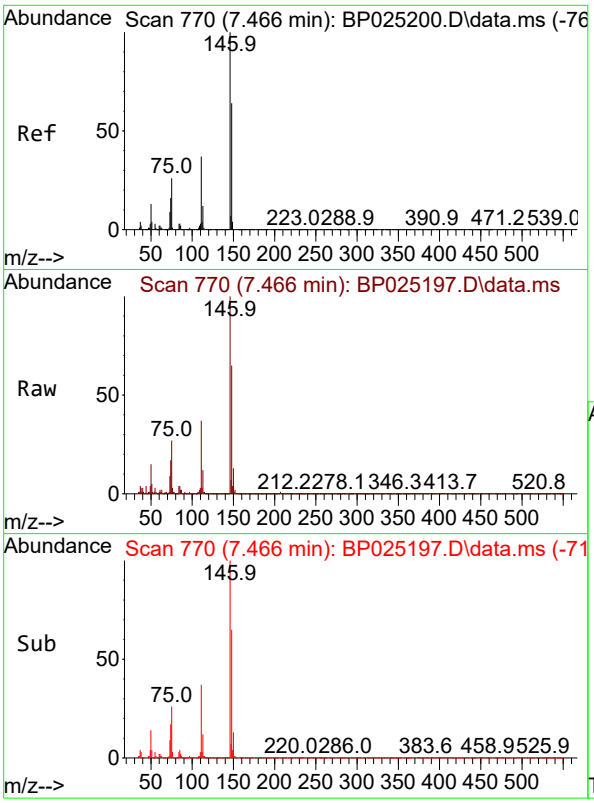



#12
1,3-Dichlorobenzene
Concen: 5.114 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 195840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.0 |
| 75 | 25.2 | 20.6 | 31.0 |

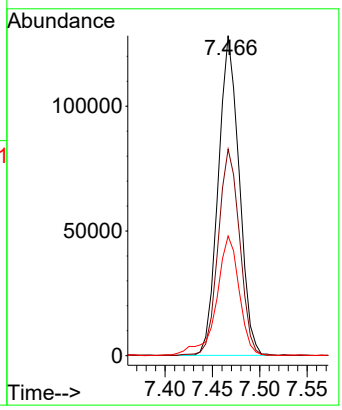





#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 19721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.2 |
| 111 | 37.4 | 29.9 | 44.9 |




**Instrument :**
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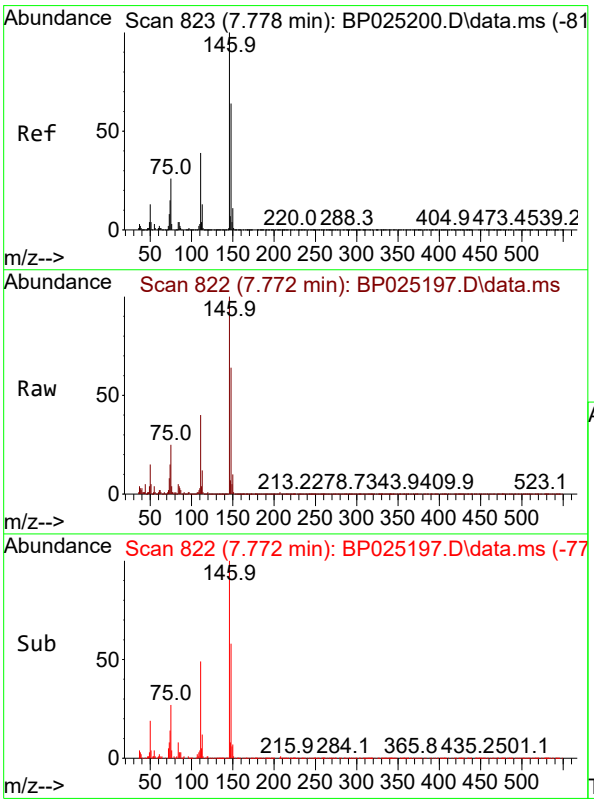
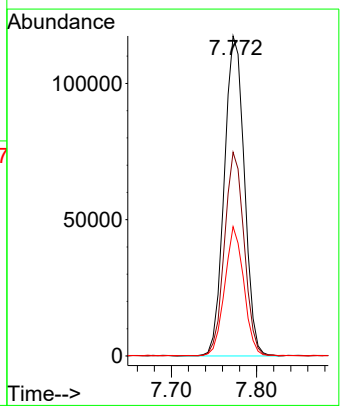
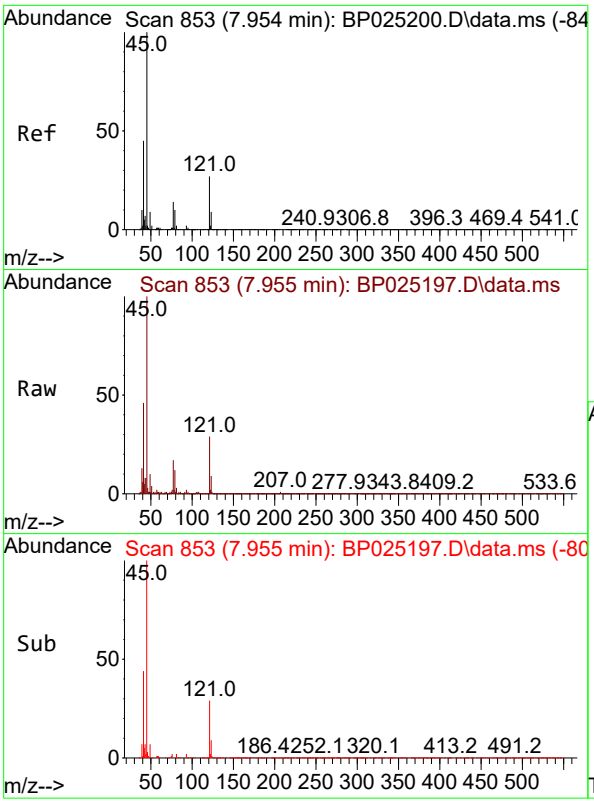



#14
1,2-Dichlorobenzene
Concen: 5.177 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 192220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.5 | 77.3 |
| 111 | 40.4 | 31.3 | 46.9 |

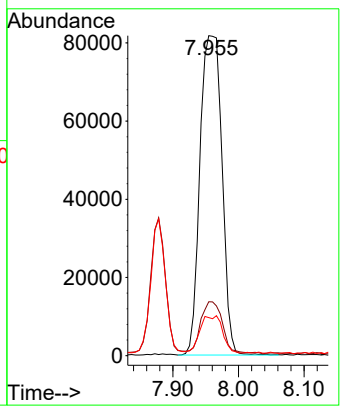





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng
RT: 7.955 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 45 Resp: 19020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.8 | 0.0 | 36.0 |
| 79 | 11.9 | 0.0 | 31.7 |




**Instrument :**
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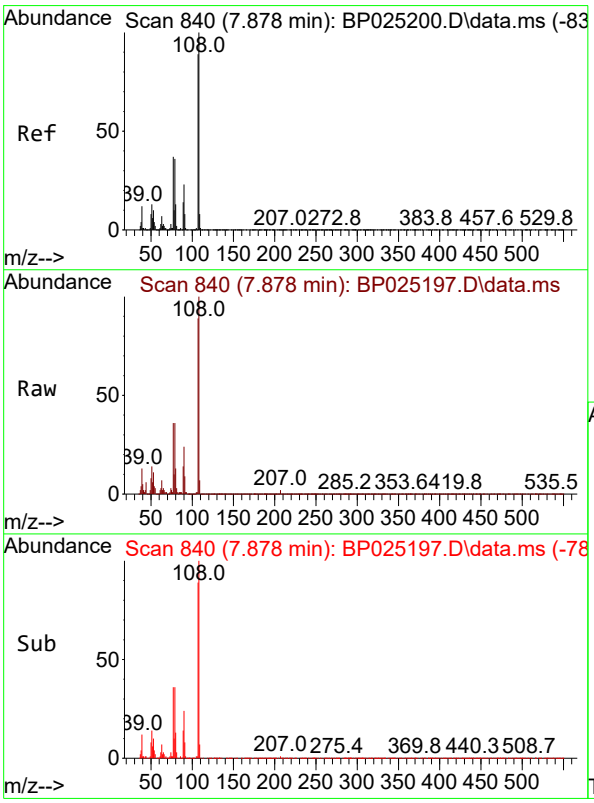
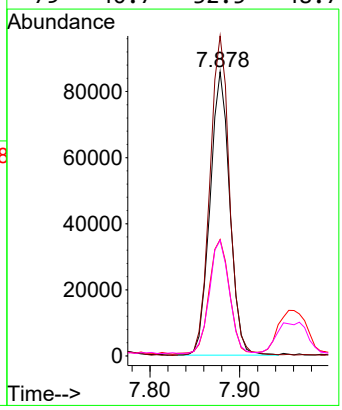
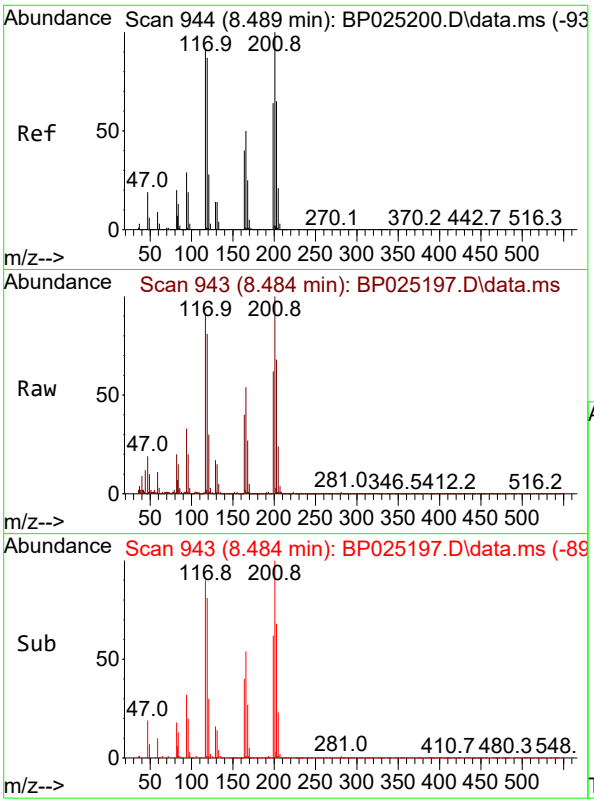



#17
2-Methylphenol
Concen: 4.939 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 130912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 89.8 | 134.8 |
| 77 | 41.0 | 33.2 | 49.8 |
| 79 | 40.7 | 32.5 | 48.7 |

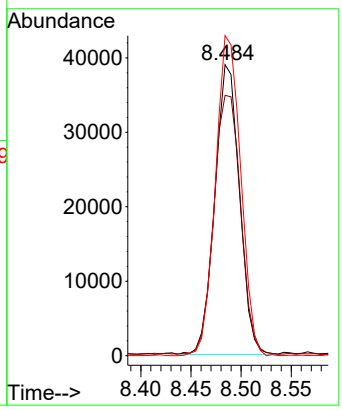





#18
Hexachloroethane
Concen: 5.026 ng
RT: 8.484 min Scan# 94
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:117 Resp: 6632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.4 | 77.0 | 115.6 |
| 201 | 109.9 | 88.3 | 132.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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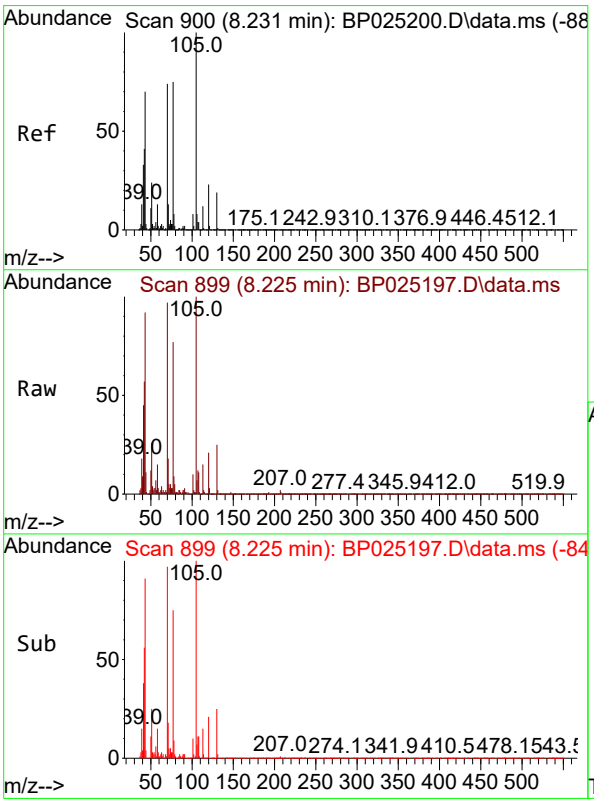
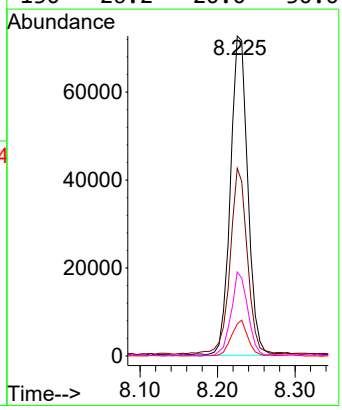
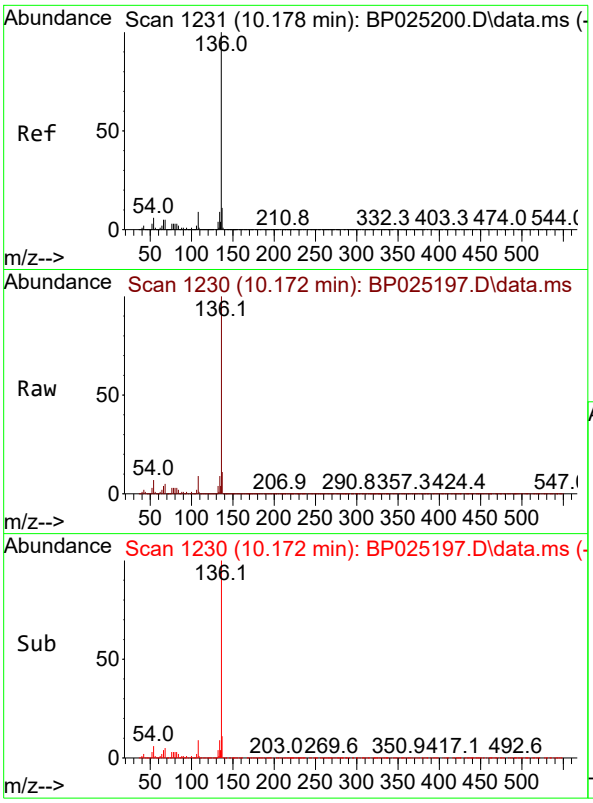



#19
n-Nitroso-di-n-propylamine
Concen: 5.102 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 70 Resp: 113871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.7 | 44.2 | 66.2 |
| 101 | 9.9 | 8.6 | 12.8 |
| 130 | 26.2 | 20.0 | 30.0 |

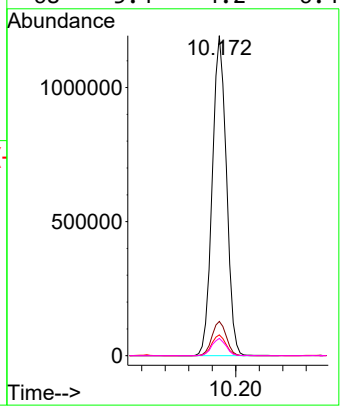





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:136 Resp: 199346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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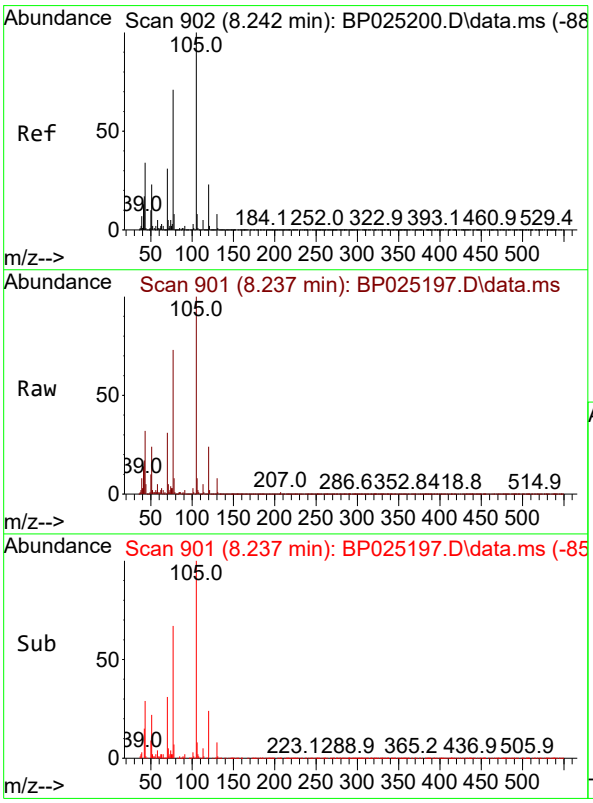
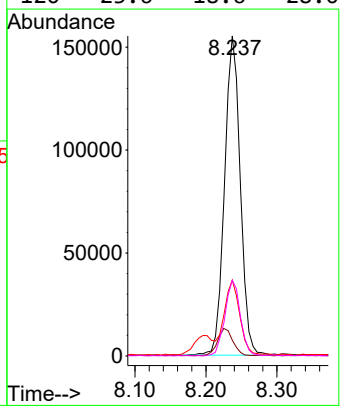
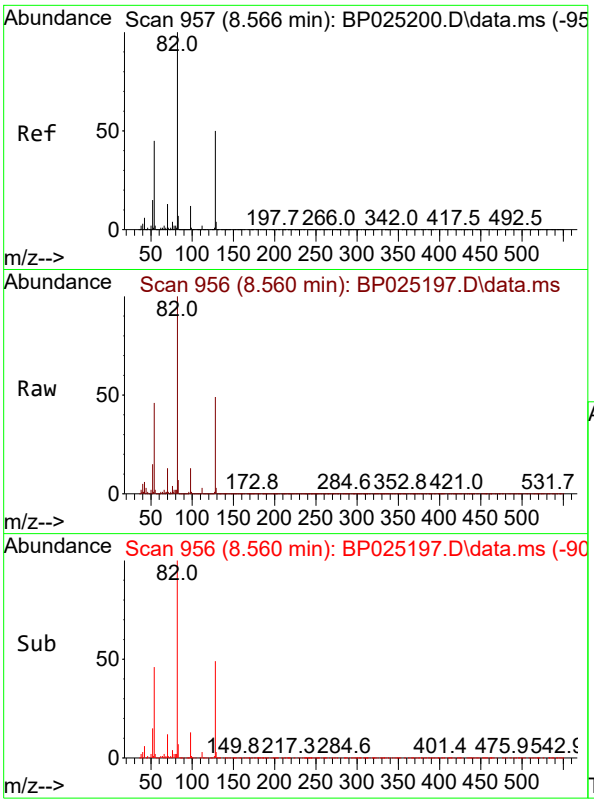



#22
Acetophenone
Concen: 5.052 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:105 Resp: 238513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.0 | 4.1 | 6.1 |
| 51 | 23.7 | 18.5 | 27.7 |
| 120 | 23.6 | 18.6 | 28.0 |

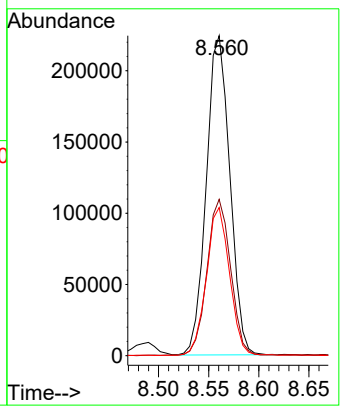





#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 36644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.8 | 40.2 | 60.4 |
| 54 | 46.3 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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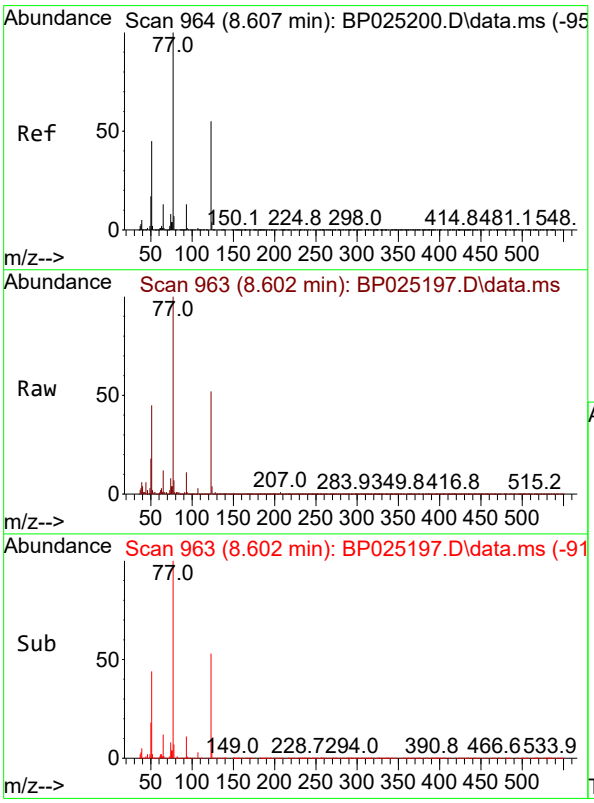
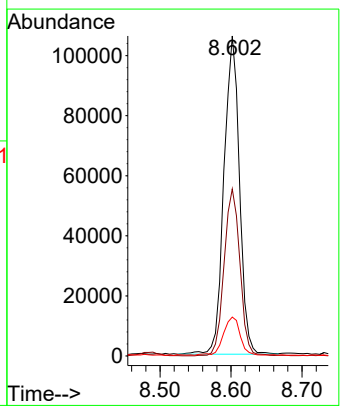
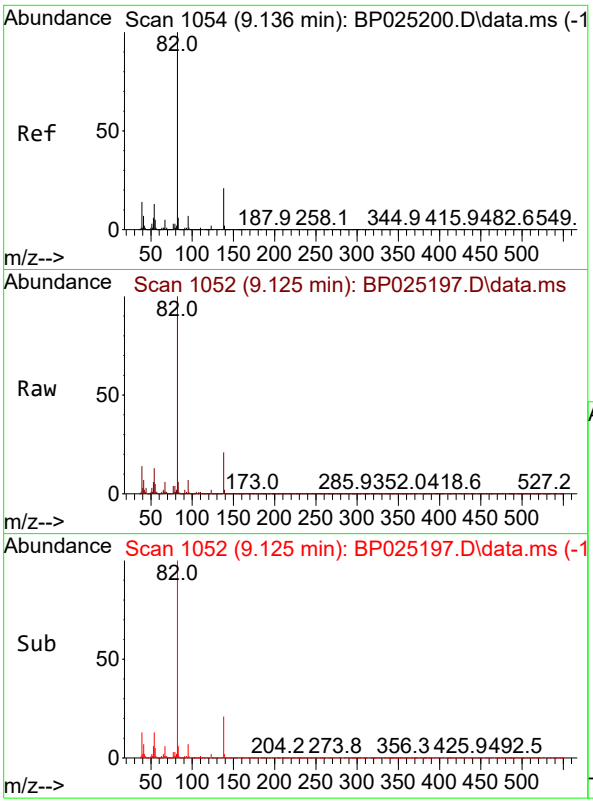



#24
Nitrobenzene
Concen: 4.982 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 160535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.2 | 43.6 | 65.4 |
| 65 | 12.2 | 10.2 | 15.2 |

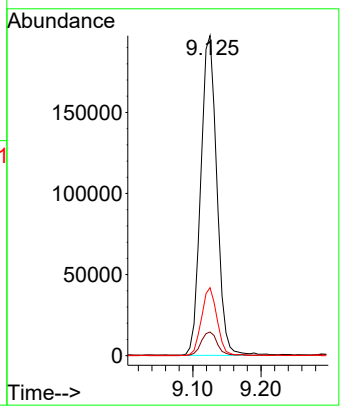





#25
Isophorone
Concen: 5.082 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 82 Resp: 32360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.6 | 8.4 |
| 138 | 21.3 | 16.6 | 25.0 |




**Instrument :**
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**ClientSampleId :**
SSTDICC005

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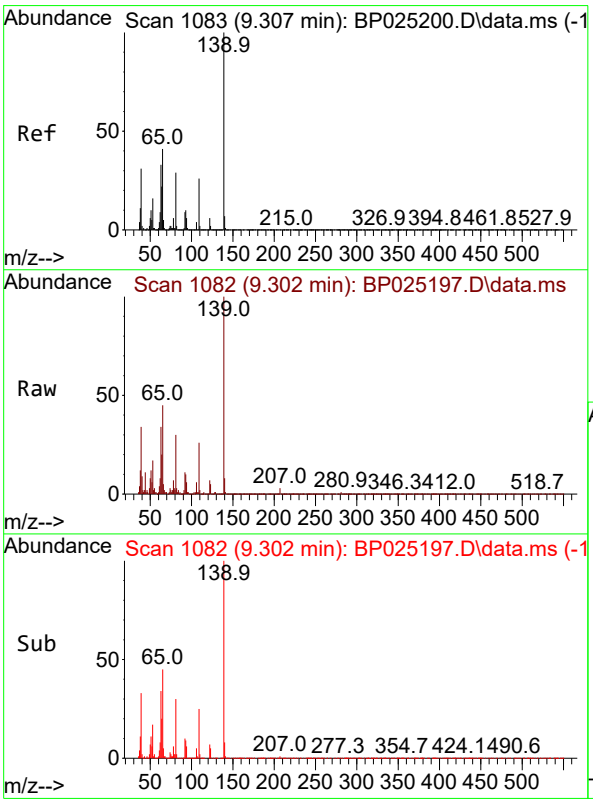
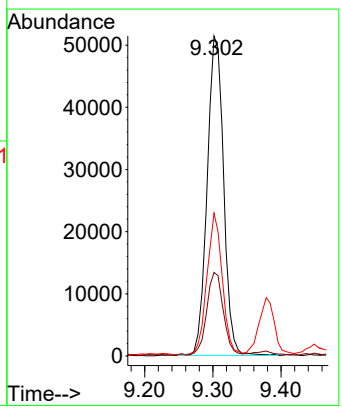
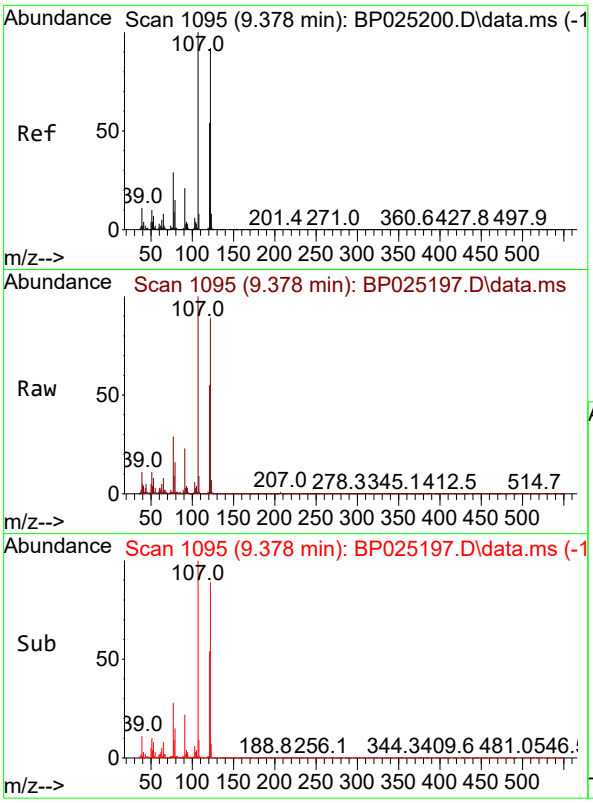



#26
2-Nitrophenol
Concen: 4.758 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 86302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.1 | 21.0 | 31.6 |
| 65 | 44.6 | 32.7 | 49.1 |






#27
2,4-Dimethylphenol
Concen: 4.939 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:122 Resp: 15248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 87.0 | 130.4 |
| 121 | 61.5 | 46.7 | 70.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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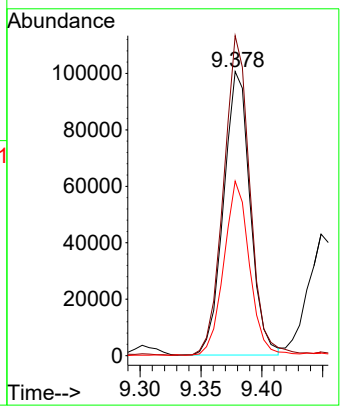
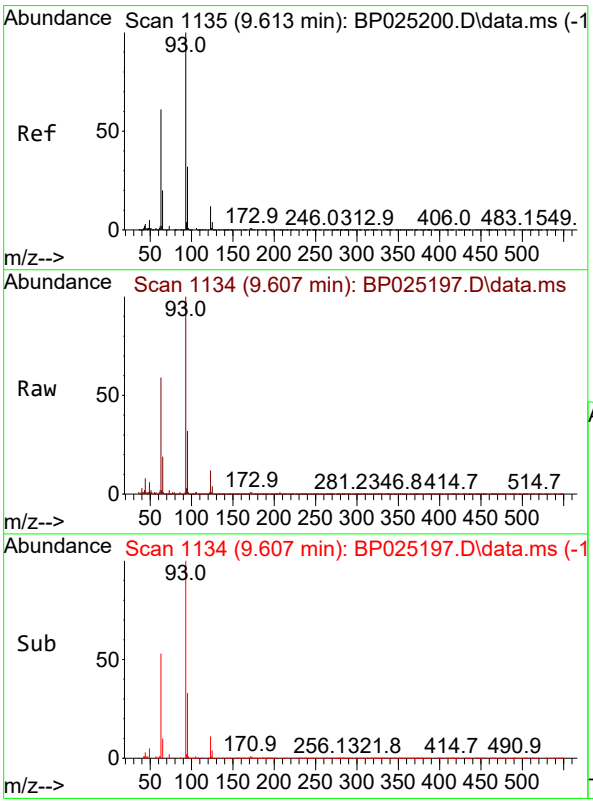
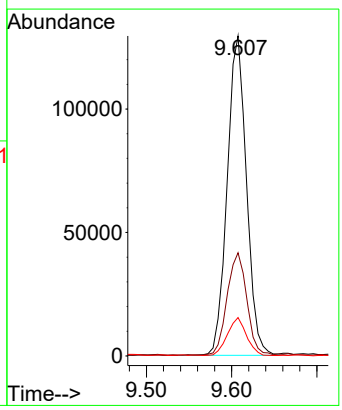


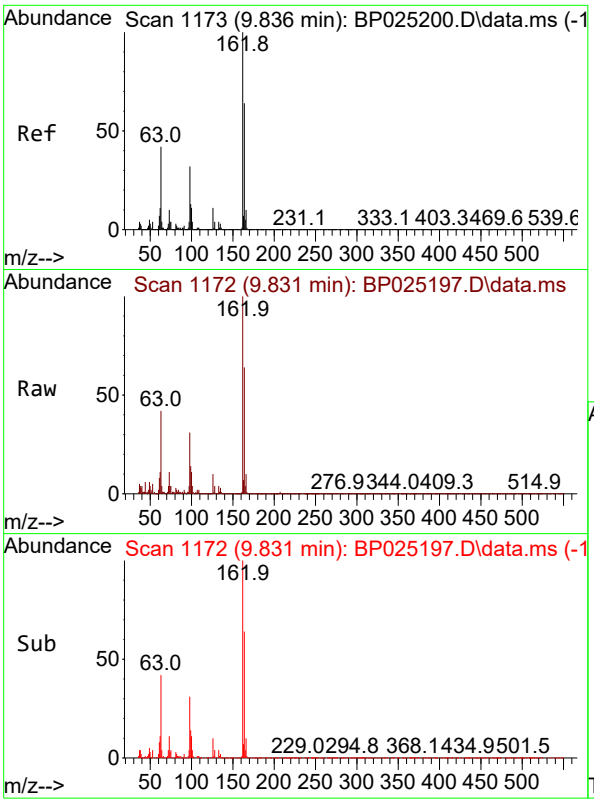




#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 203537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.0 | 39.0 |
| 123 | 12.0 | 9.8 | 14.6 |






#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:162 Resp: 15648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 44.2 | 84.2 |
| 98 | 30.6 | 11.7 | 51.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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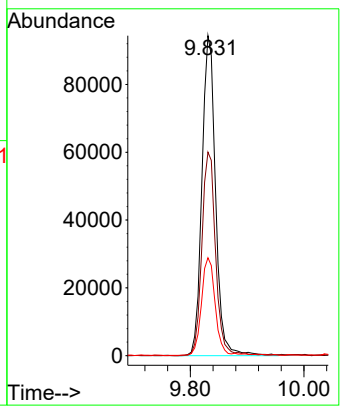
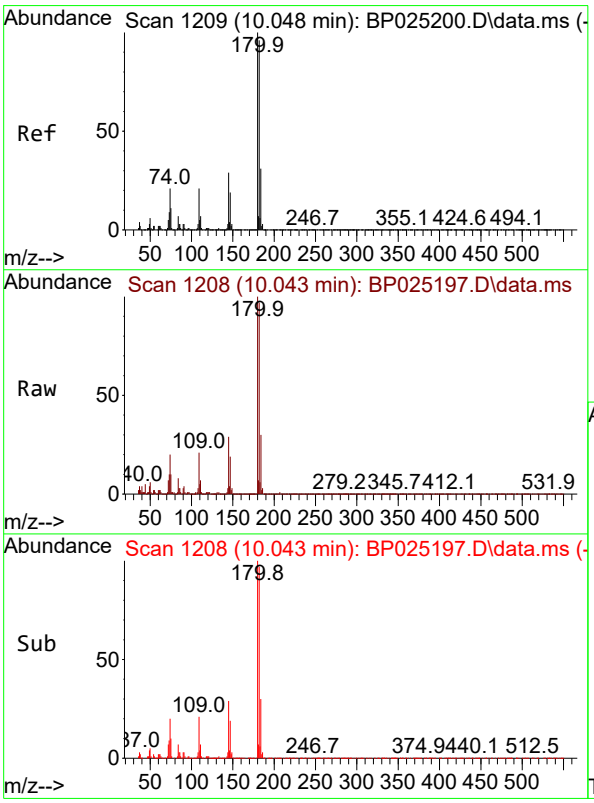
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

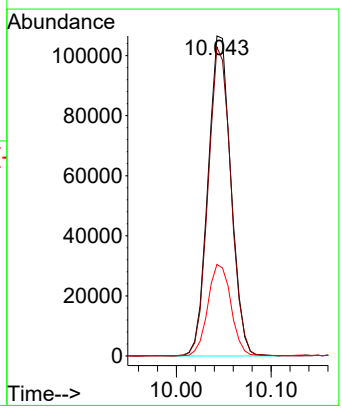


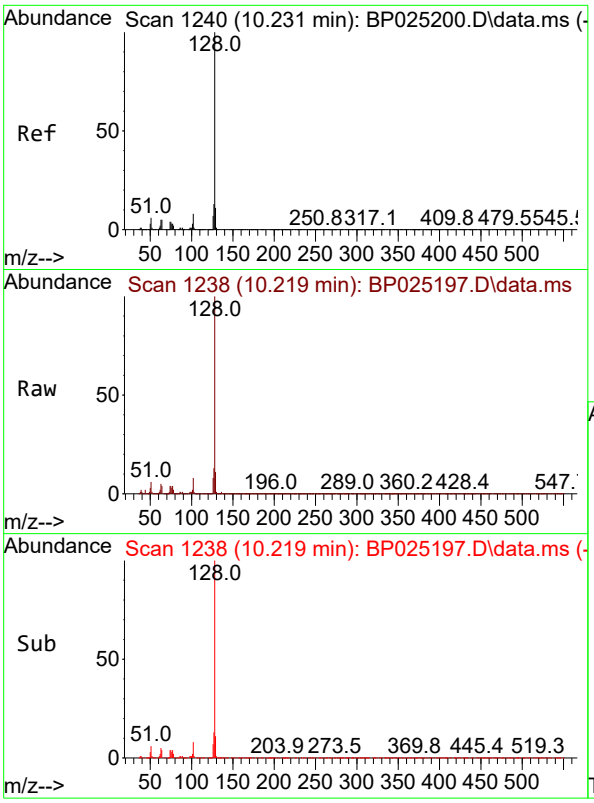




#30
1,2,4-Trichlorobenzene
Concen: 5.128 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:180 Resp: 178685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 76.7 | 115.1 |
| 145 | 28.6 | 23.5 | 35.3 |

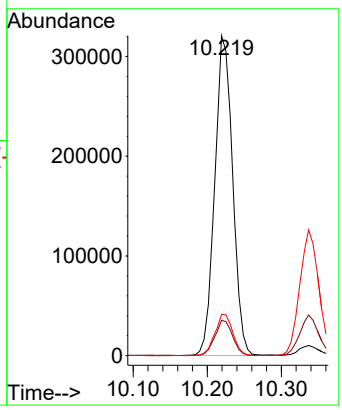





#31
Naphthalene
Concen: 5.175 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 53728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.9 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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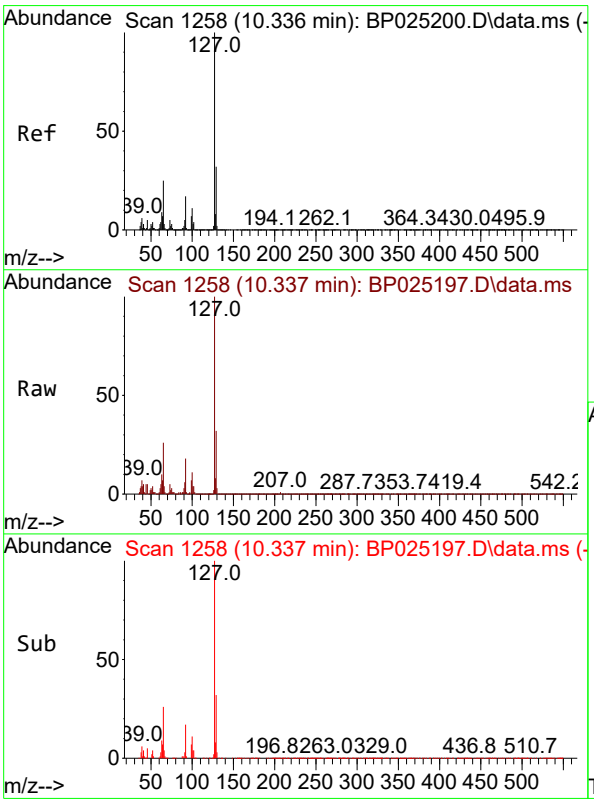
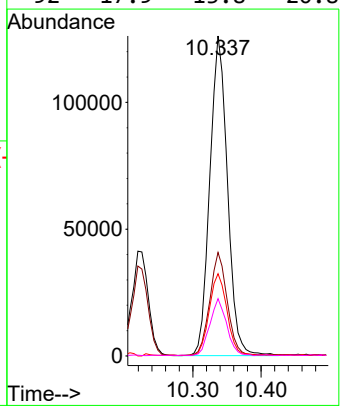
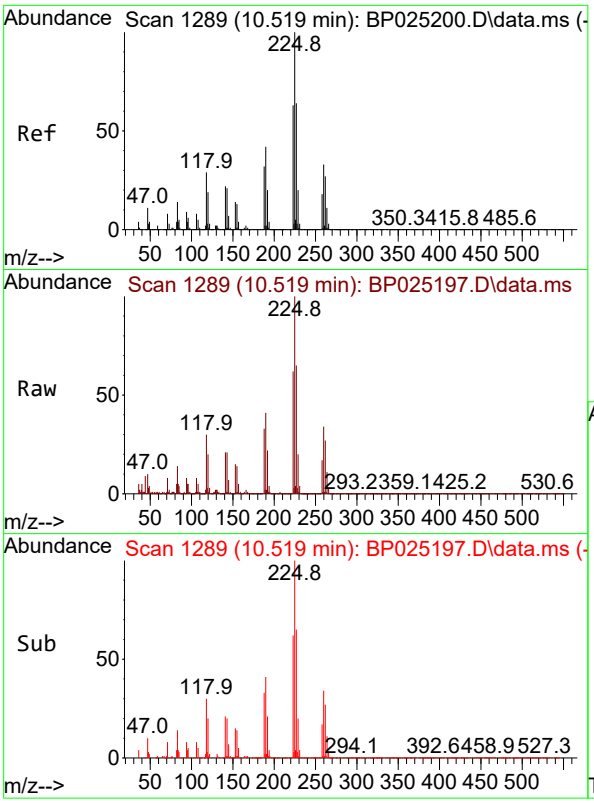



#33
4-Chloroaniline
Concen: 5.041 ng
RT: 10.337 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:127 Resp: 227222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.9 | 38.9 |
| 65 | 25.7 | 20.2 | 30.4 |
| 92 | 17.9 | 13.8 | 20.8 |

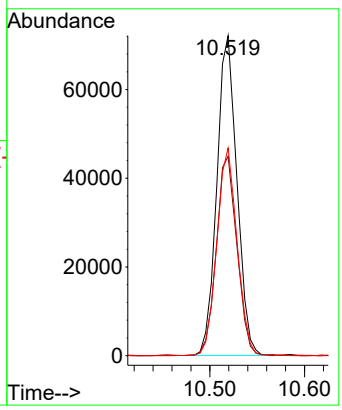





#34
Hexachlorobutadiene
Concen: 5.084 ng
RT: 10.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:225 Resp: 10638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.1 | 75.1 |
| 227 | 64.9 | 51.4 | 77.0 |




**Instrument :**
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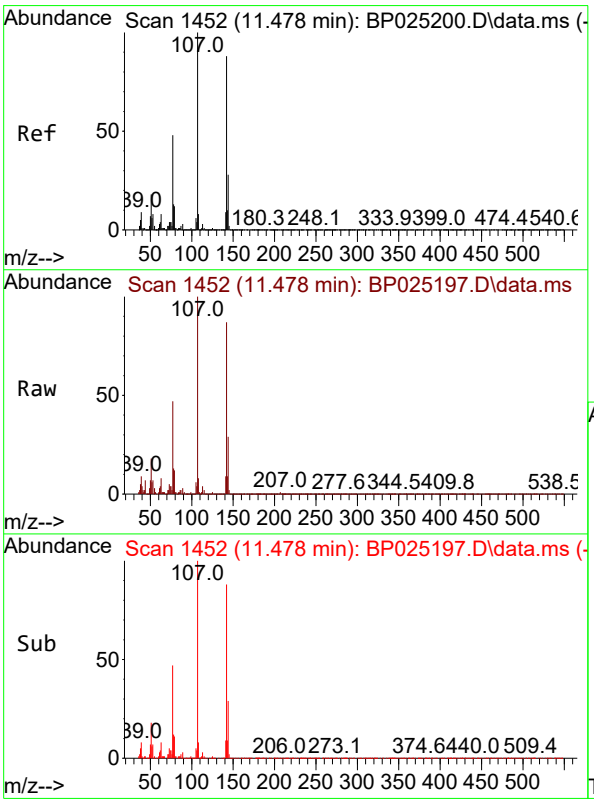
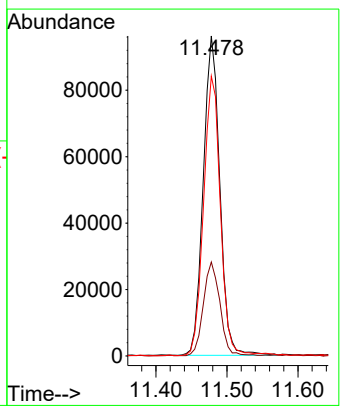
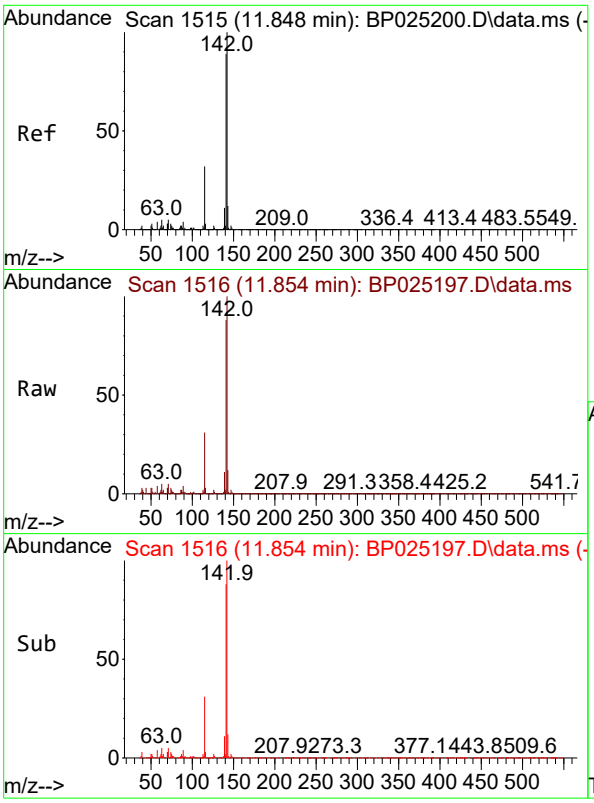



#36
4-Chloro-3-methylphenol
Concen: 4.939 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 156207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.3 | 22.5 | 33.7 |
| 142 | 87.5 | 70.6 | 105.8 |

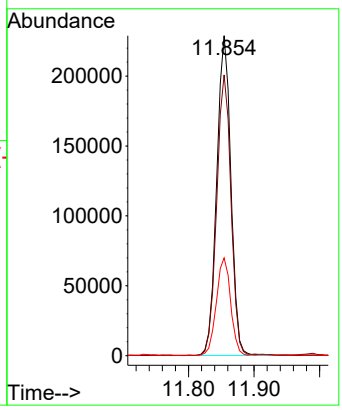





#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 34232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 71.2 | 106.8 |
| 115 | 30.6 | 25.3 | 37.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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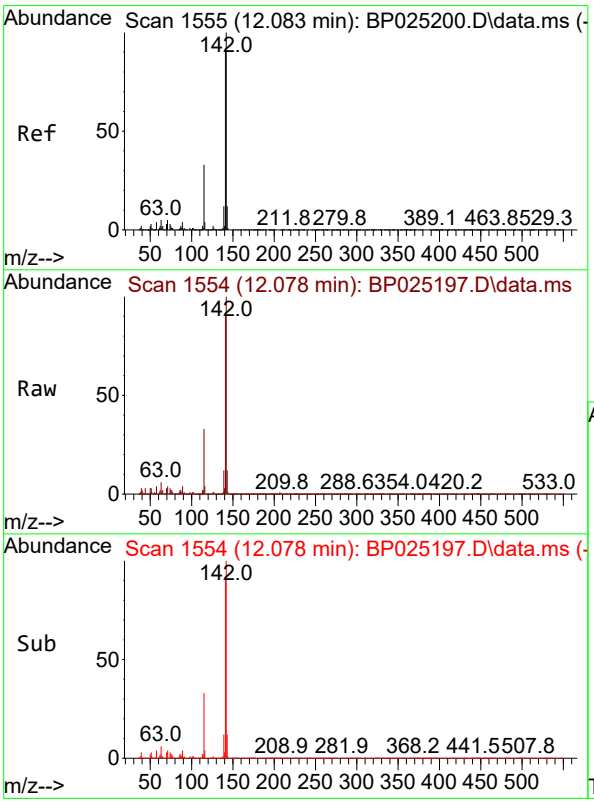
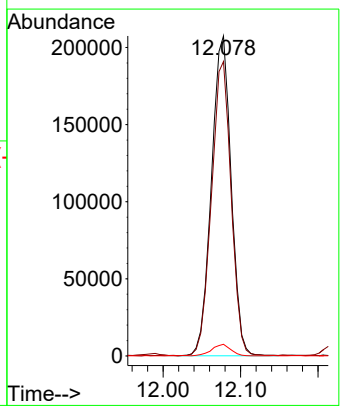
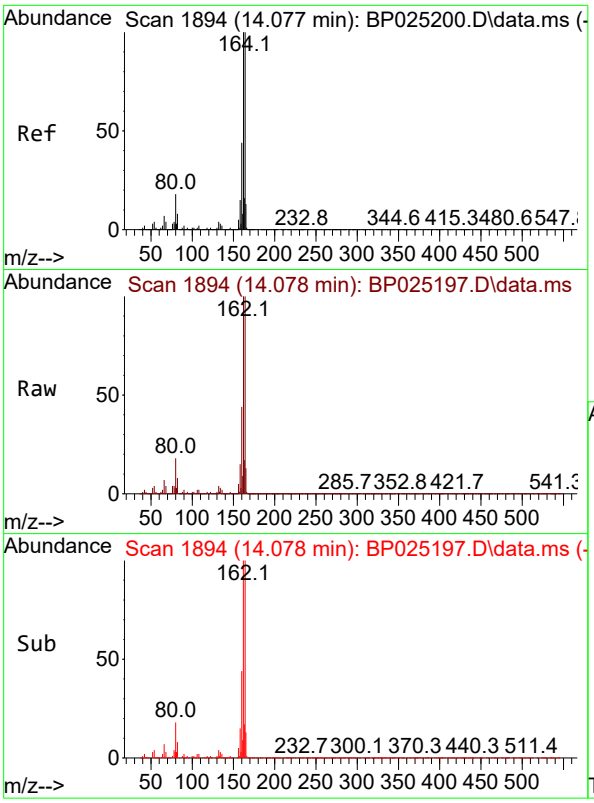



#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 365319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |

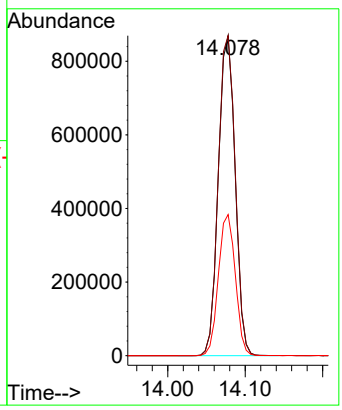





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:164 Resp: 130906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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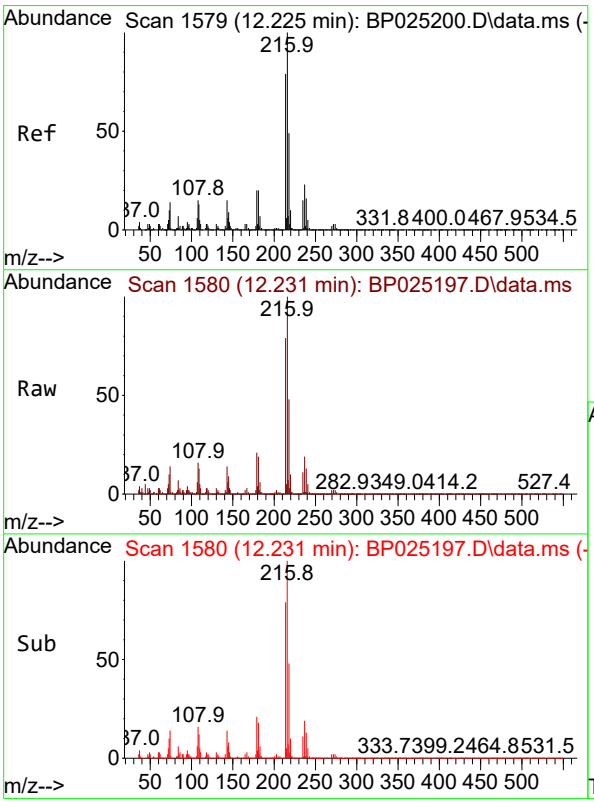
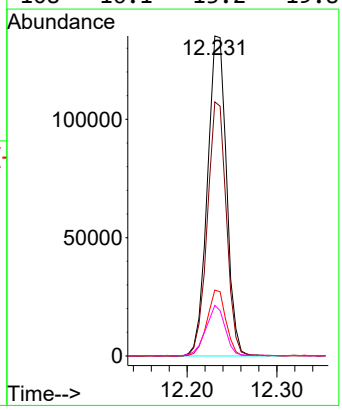
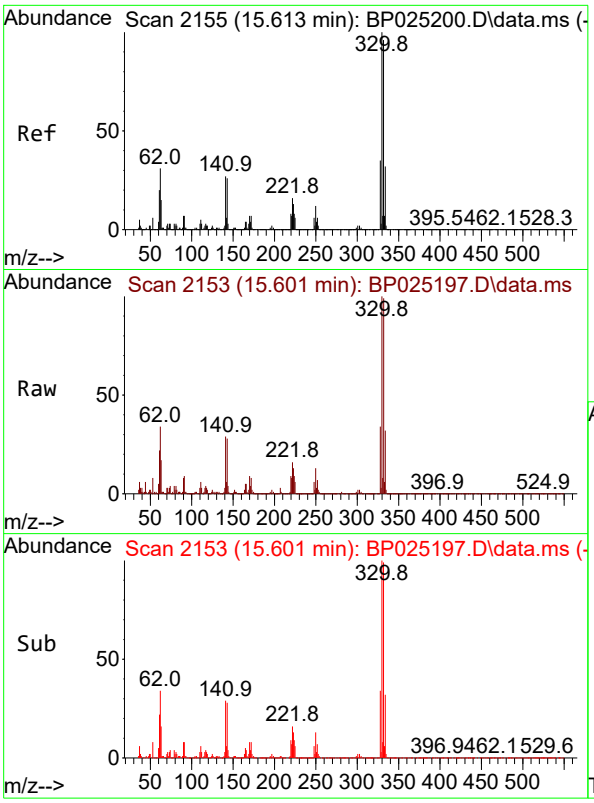



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.042 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:216 Resp: 199889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.1 | 13.2 | 19.8 |

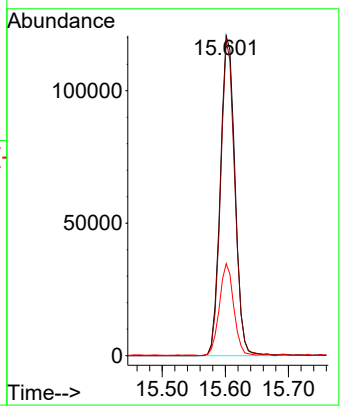





#42
2,4,6-Tribromophenol
Concen: 10.002 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:330 Resp: 19469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.1 | 115.7 |
| 141 | 28.3 | 22.4 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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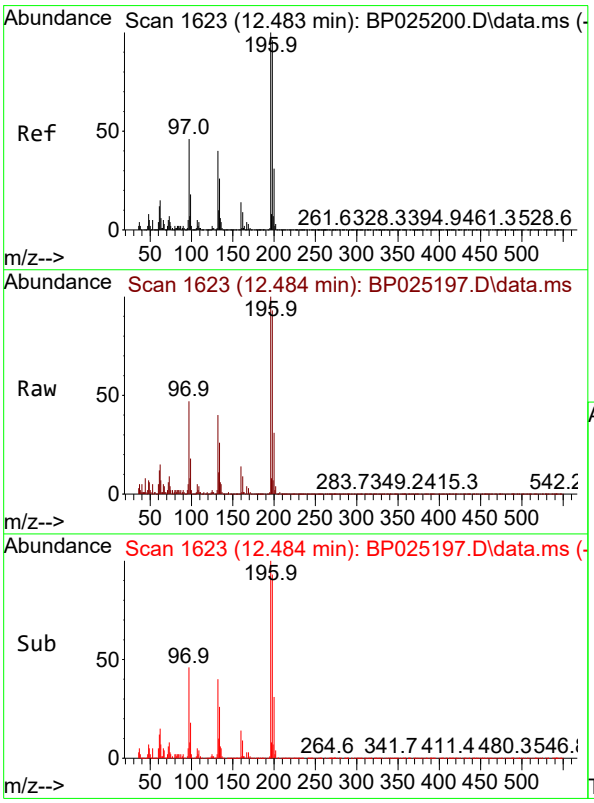
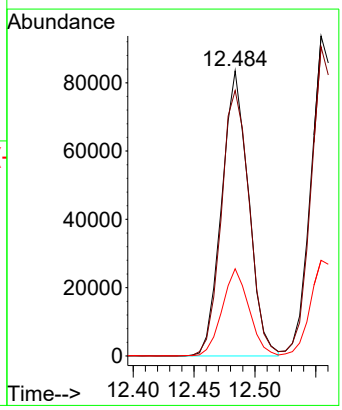
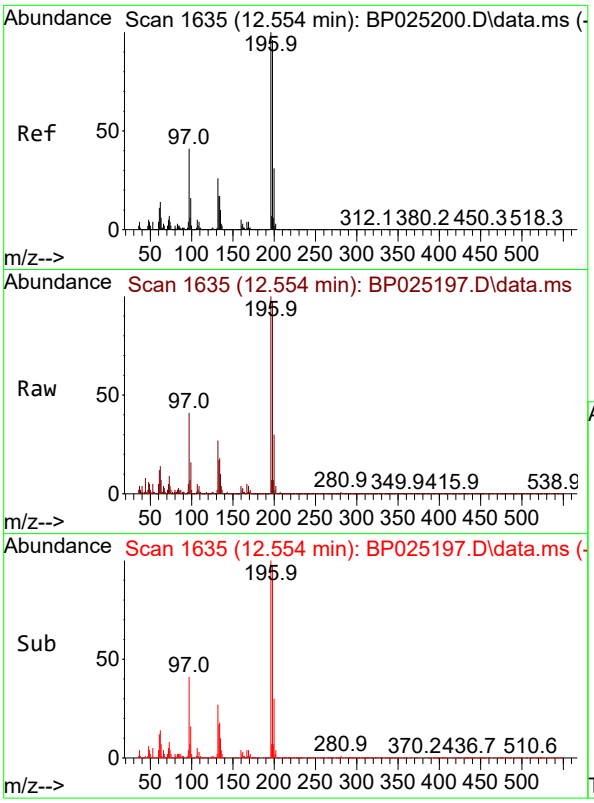



#43
2,4,6-Trichlorophenol
Concen: 4.774 ng
RT: 12.484 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 127876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.1 | 76.6 | 114.8 |
| 200 | 30.6 | 24.7 | 37.1 |

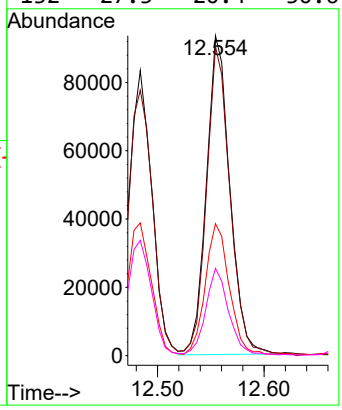





#44
2,4,5-Trichlorophenol
Concen: 4.844 ng
RT: 12.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 14301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 76.7 | 115.1 |
| 97 | 41.3 | 33.0 | 49.4 |
| 132 | 27.3 | 20.4 | 30.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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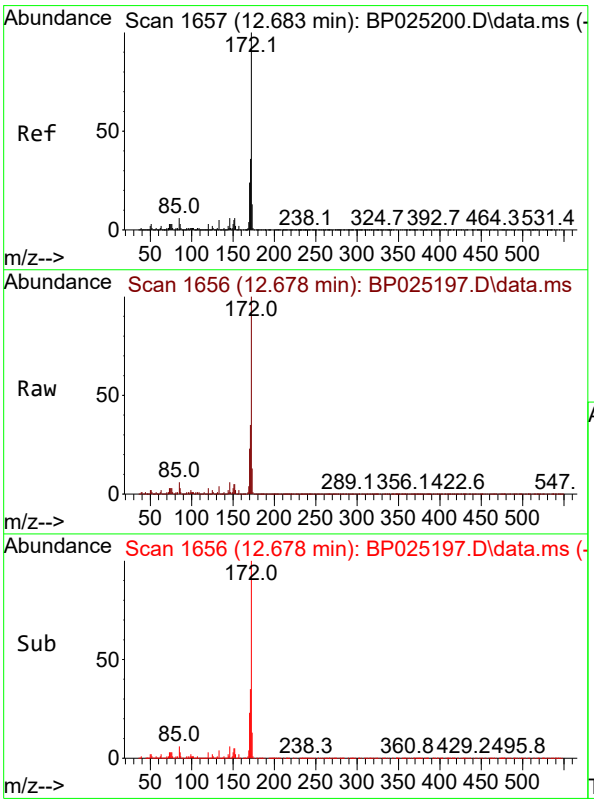
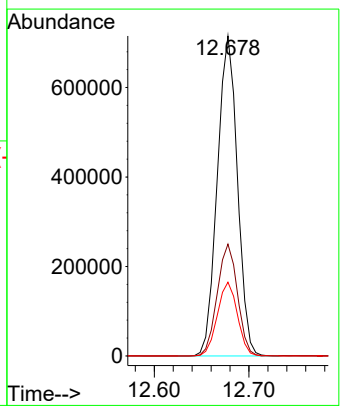
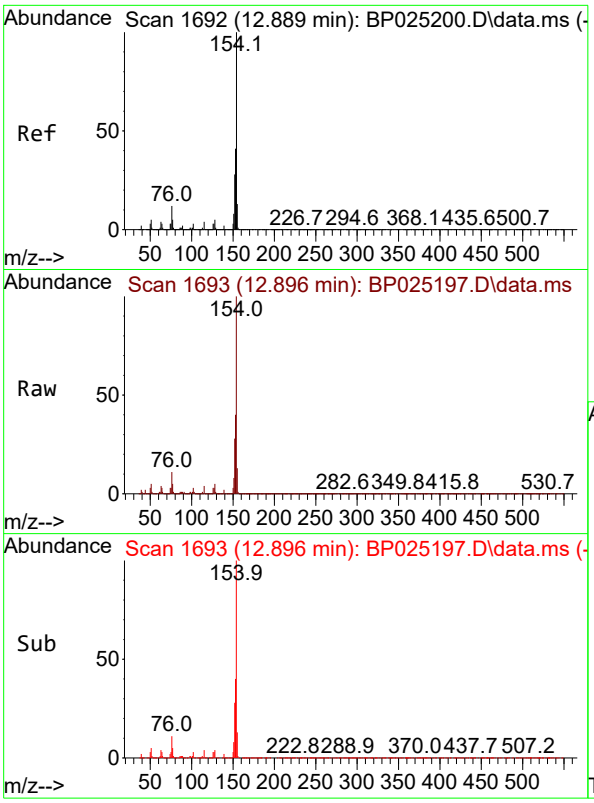



#45
2-Fluorobiphenyl
Concen: 10.698 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:172 Resp: 1057796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.8 | 43.2 |
| 170 | 23.1 | 19.2 | 28.8 |

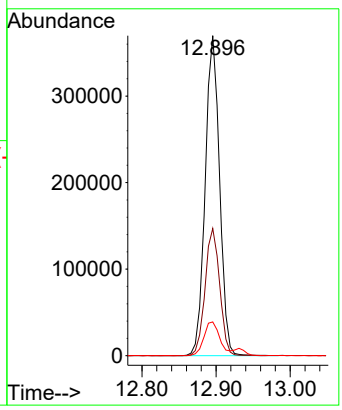





#46
1,1'-Biphenyl
Concen: 5.148 ng
RT: 12.896 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 49835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.8 | 60.8 |
| 76 | 10.6 | 0.0 | 31.6 |




**Instrument :**
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SSTDICC005

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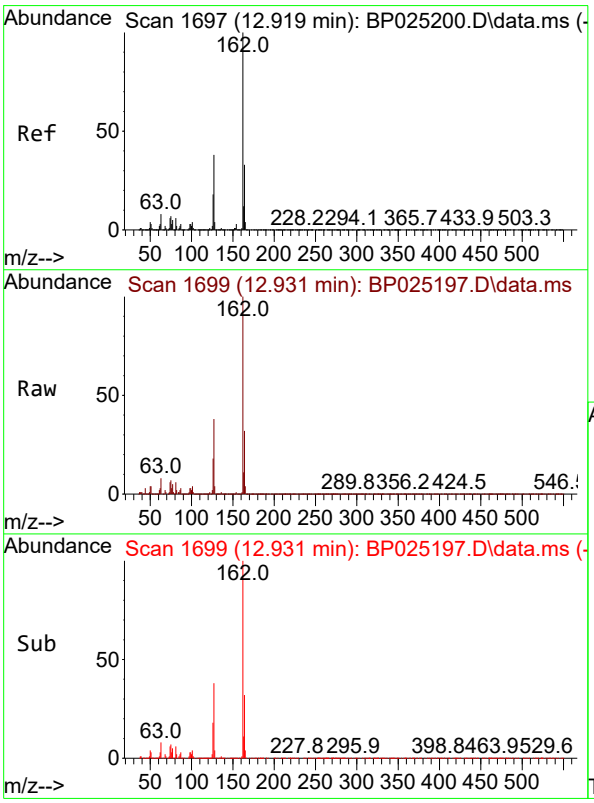
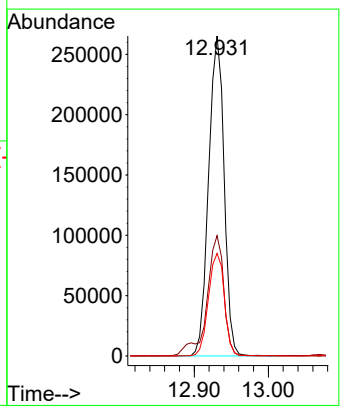
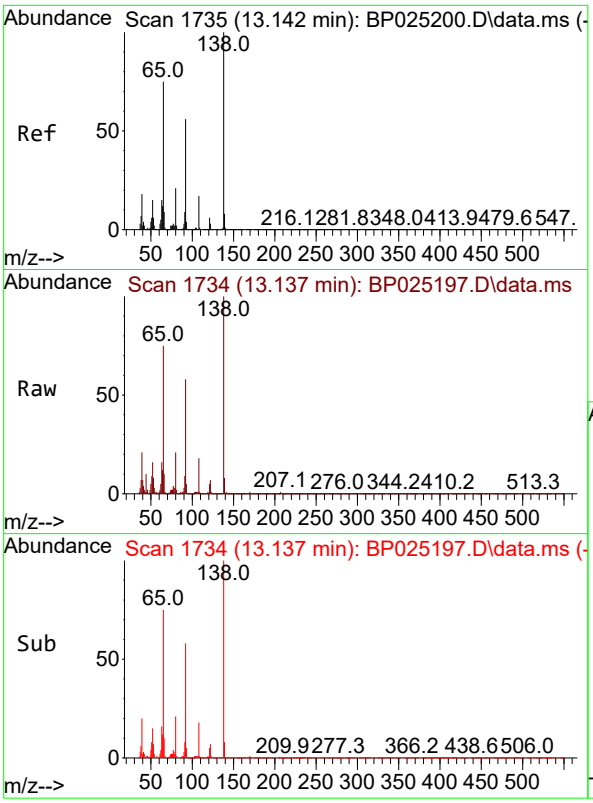



#47
2-Chloronaphthalene
Concen: 5.132 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:162 Resp: 384841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 32.0 | 26.5 | 39.7 |

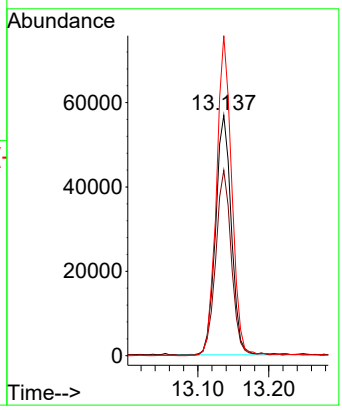





#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 65 Resp: 8740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.1 | 59.9 | 89.9 |
| 138 | 133.1 | 107.1 | 160.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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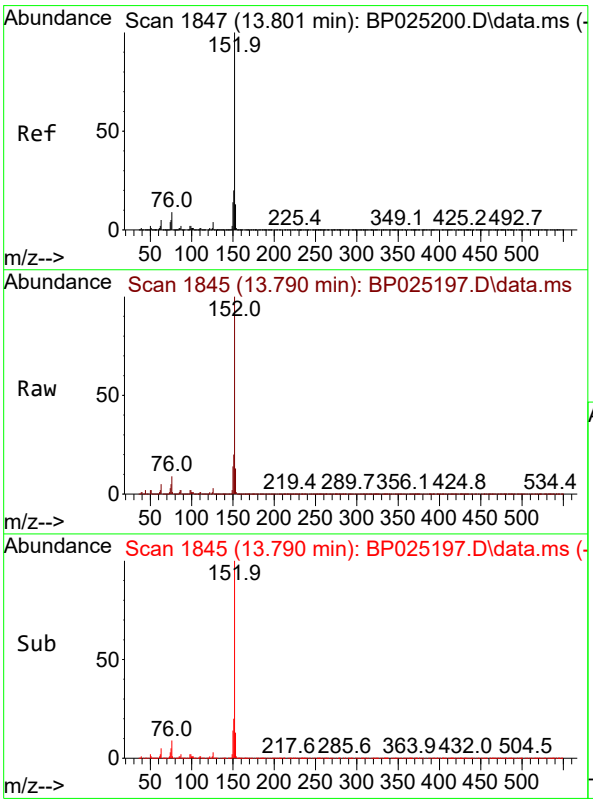
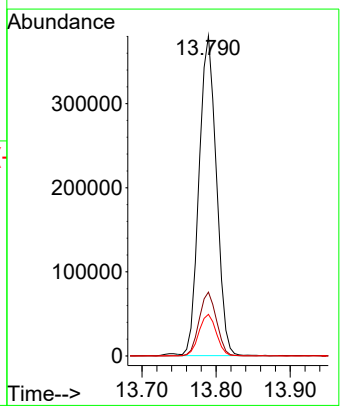
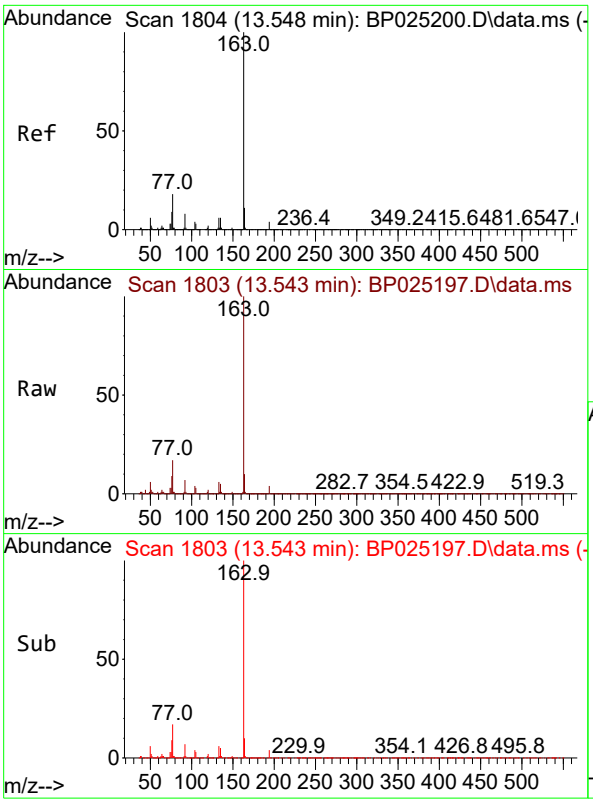



#49
Acenaphthylene
Concen: 5.030 ng
RT: 13.790 min Scan# 1845
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:152 Resp: 618618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.2 | 24.2 |
| 153 | 13.0 | 10.6 | 15.8 |

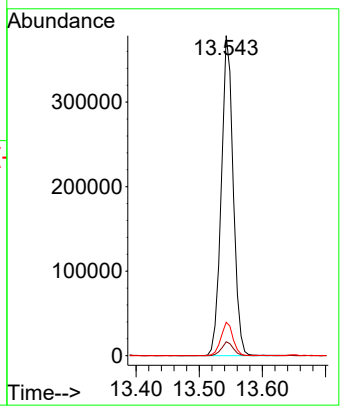





#50
Dimethylphthalate
Concen: 5.191 ng
RT: 13.543 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:163 Resp: 49577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.4 | 8.5 | 12.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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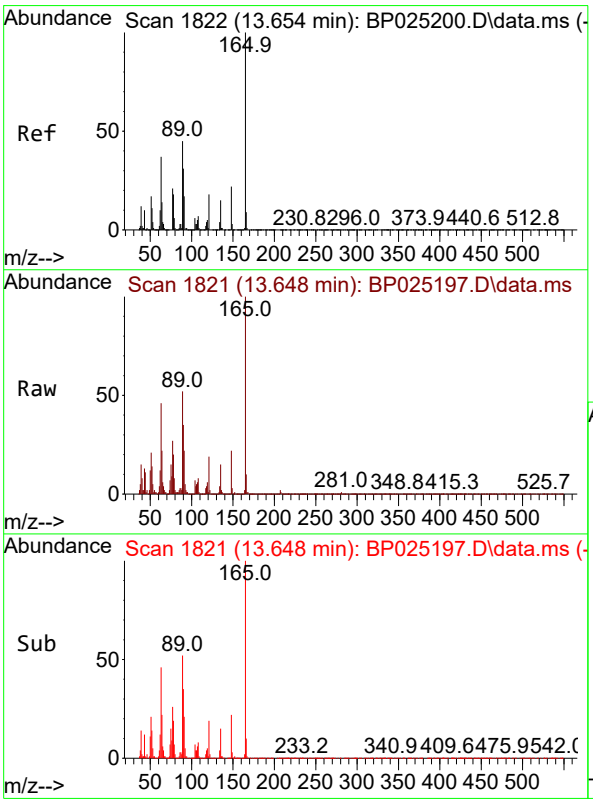
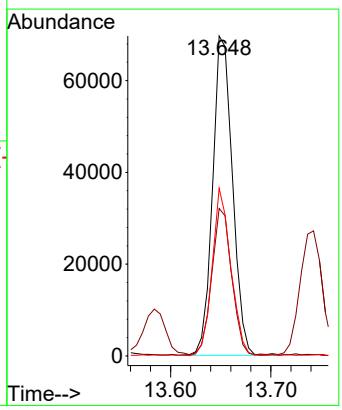
Supervised By :Jagrut Upadhyay 07/22/2025

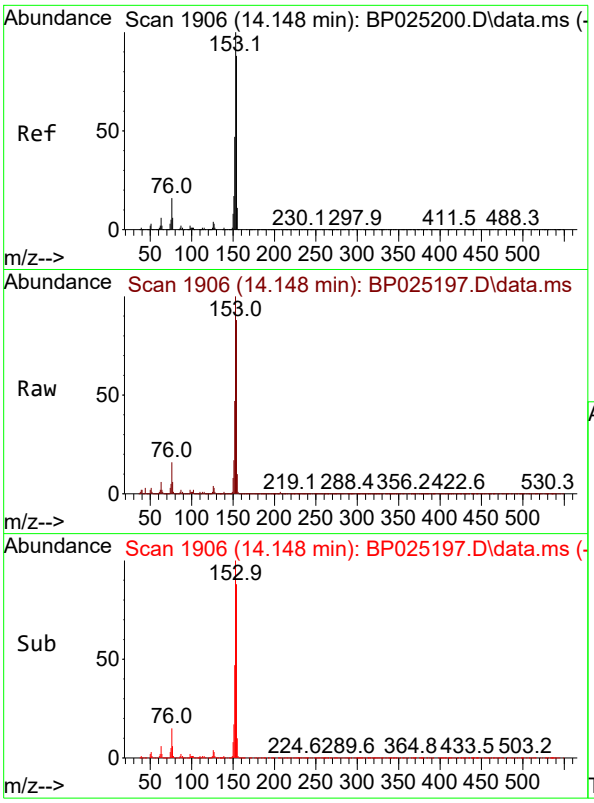



#51
2,6-Dinitrotoluene
Concen: 4.731 ng
RT: 13.648 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 95645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.1 | 33.4 | 50.2 |
| 89 | 52.4 | 36.3 | 54.5 |

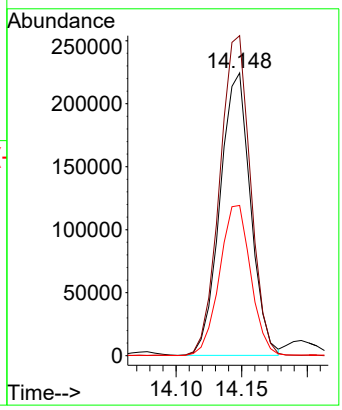





#52
Acenaphthene
Concen: 5.121 ng
RT: 14.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 36276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.7 | 136.1 |
| 152 | 53.2 | 42.9 | 64.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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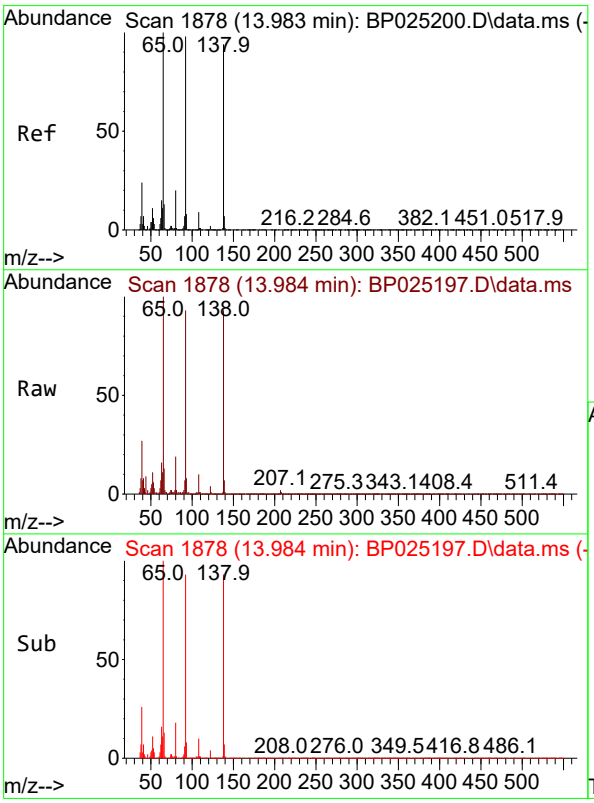
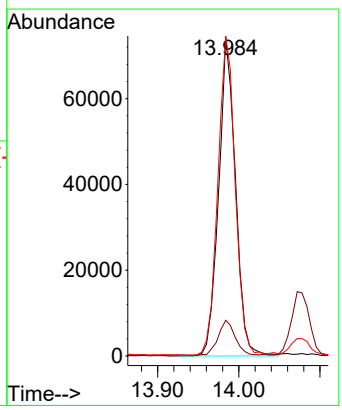
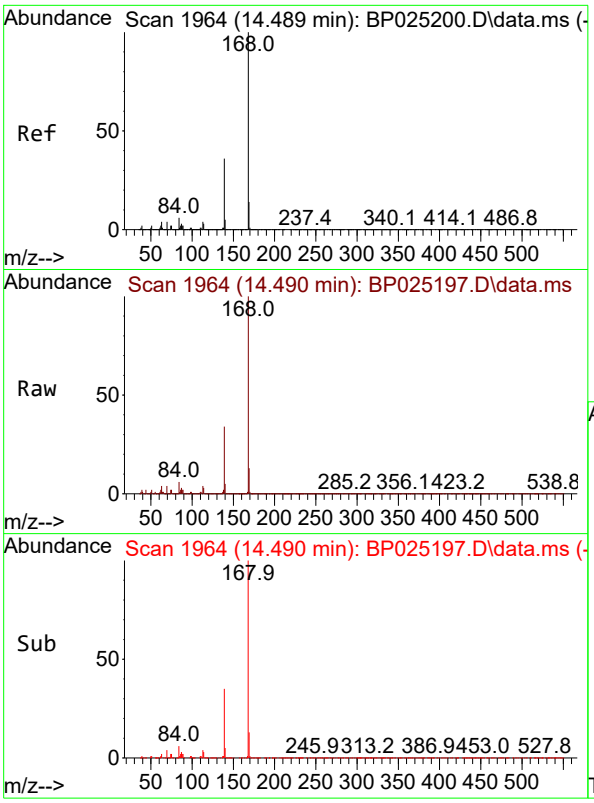



#53
3-Nitroaniline
Concen: 4.706 ng
RT: 13.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 107353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 7.5 | 11.3 |
| 92 | 100.5 | 83.2 | 124.8 |

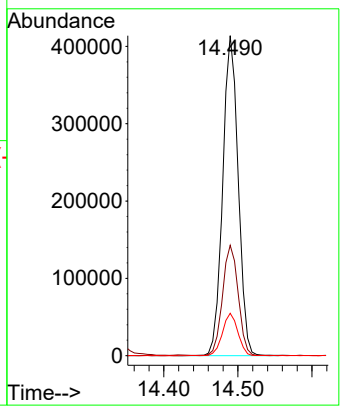





#55
Dibenzofuran
Concen: 5.225 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:168 Resp: 59935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.5 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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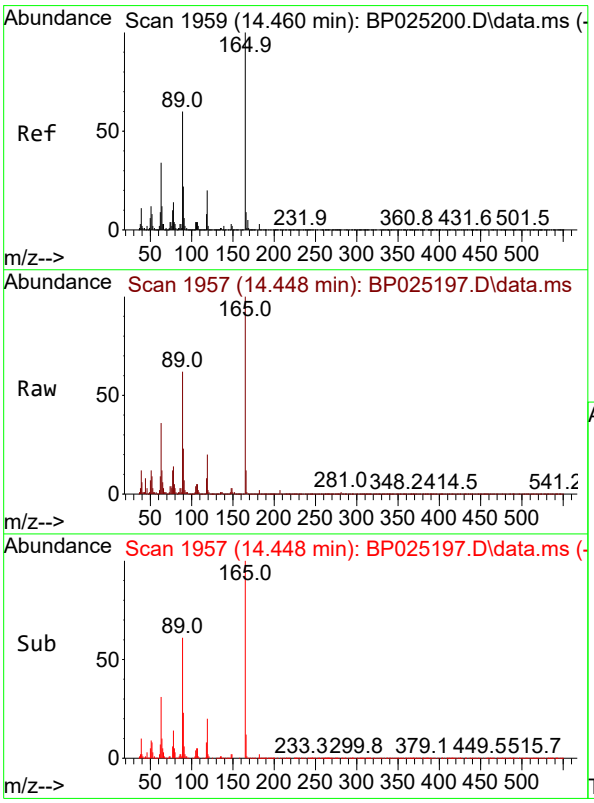
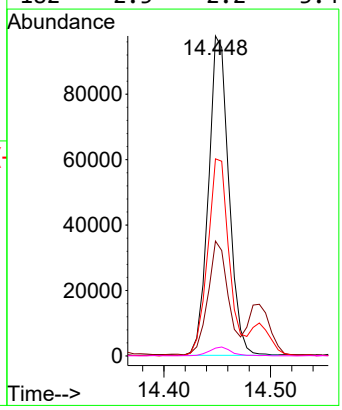
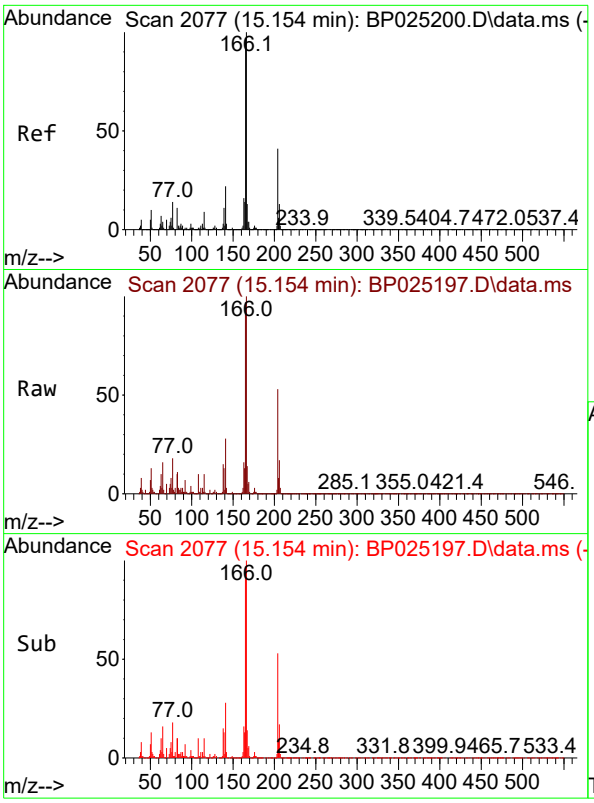



#57
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:165 Resp: 129201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.9 | 27.0 | 40.4 |
| 89 | 61.6 | 47.8 | 71.6 |
| 182 | 2.5 | 2.2 | 3.4 |

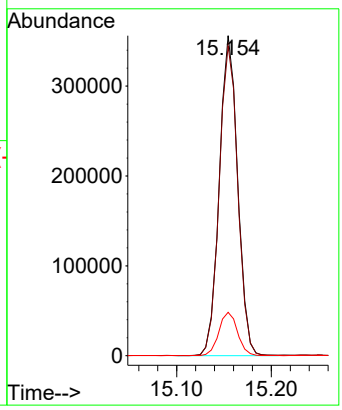





#58
Fluorene
Concen: 5.250 ng
RT: 15.154 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:166 Resp: 48025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.8 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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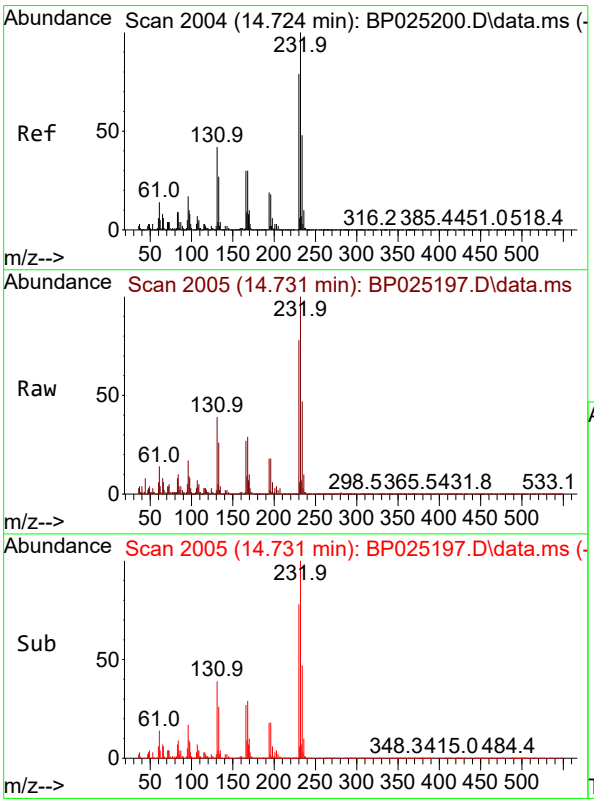
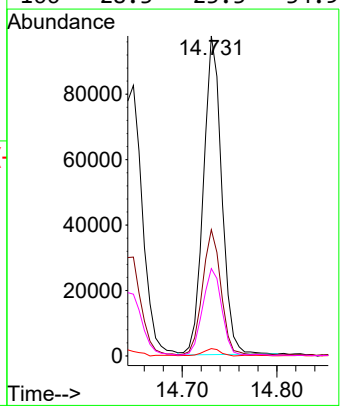
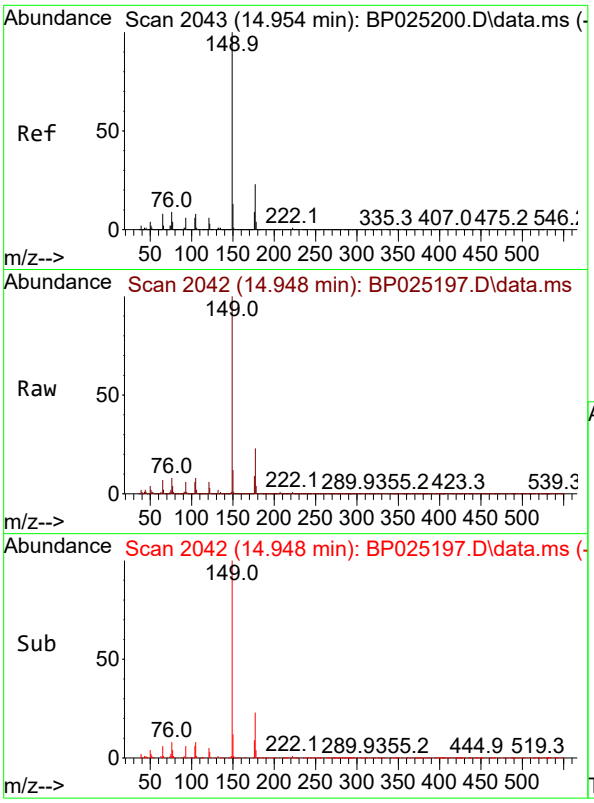



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.967 ng
RT: 14.731 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:232 Resp: 129817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.0 | 32.6 | 48.8 |
| 130 | 2.2 | 1.6 | 2.4 |
| 166 | 28.3 | 23.3 | 34.9 |

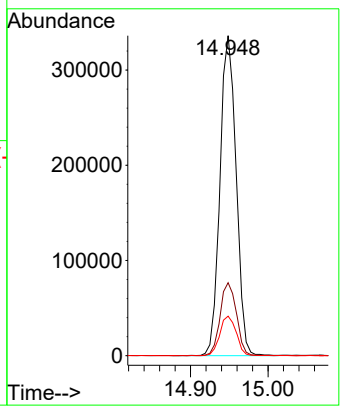





#60
Diethylphthalate
Concen: 5.166 ng
RT: 14.948 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 48753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.3 | 10.0 | 15.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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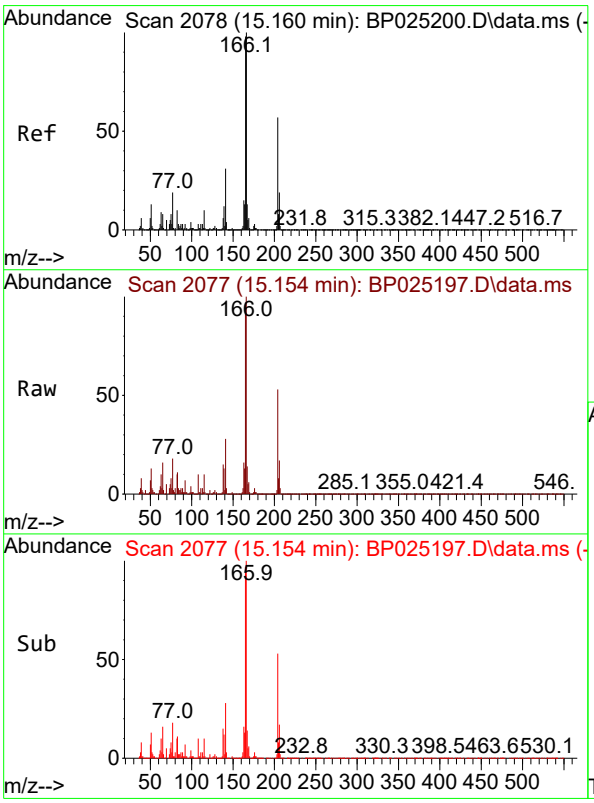
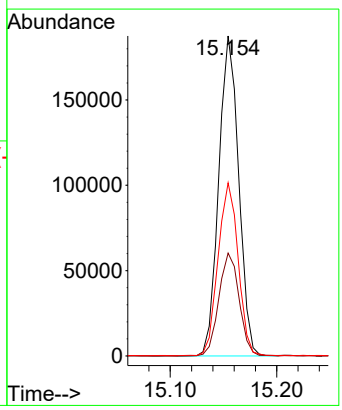
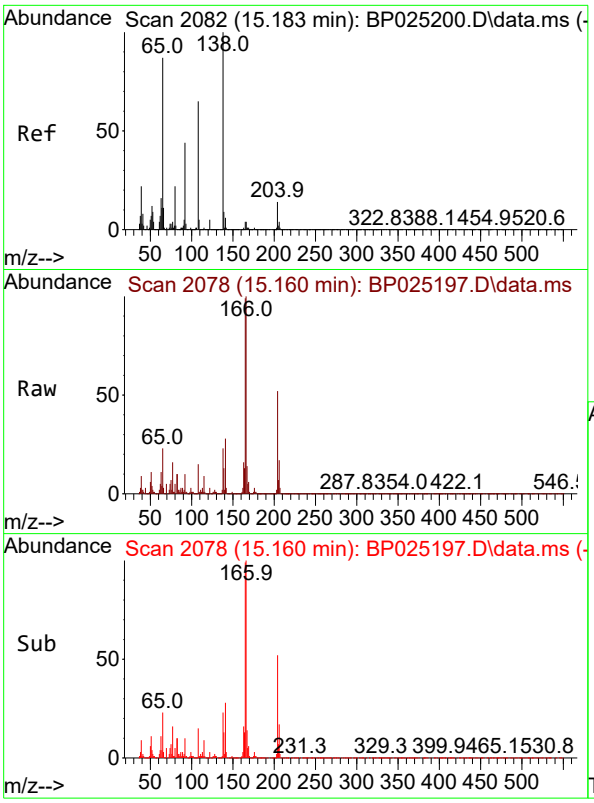



#61
4-Chlorophenyl-phenylether
Concen: 5.269 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:204 Resp: 242941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 26.3 | 39.5 |
| 141 | 54.1 | 43.0 | 64.6 |

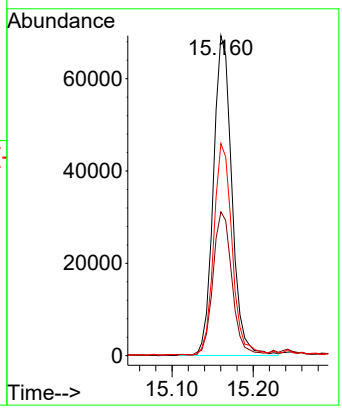





#62
4-Nitroaniline
Concen: 4.709 ng
RT: 15.160 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 10947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.0 | 24.0 | 64.0 |
| 108 | 66.3 | 44.9 | 84.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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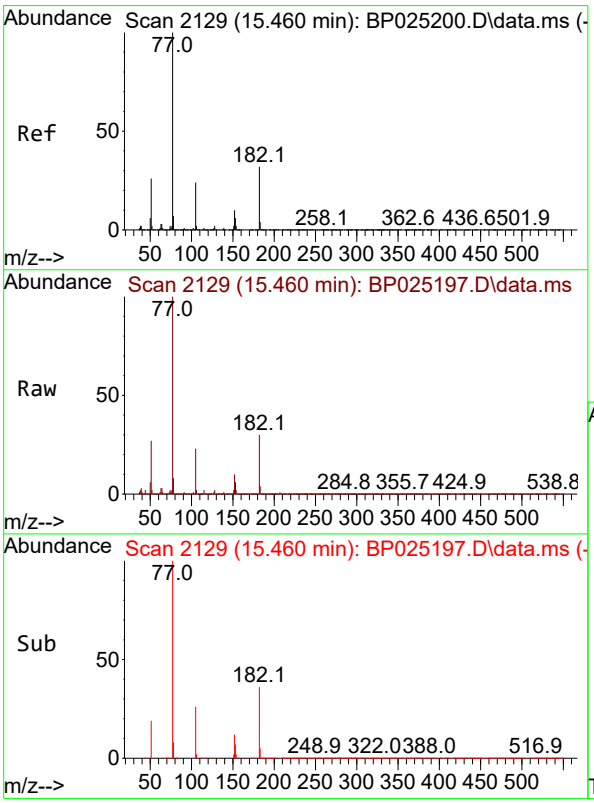
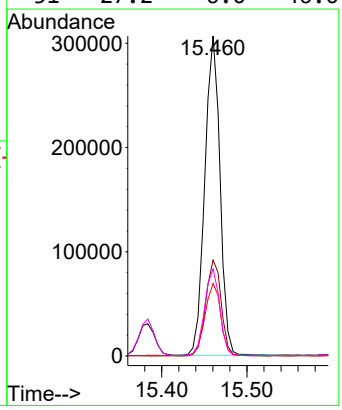
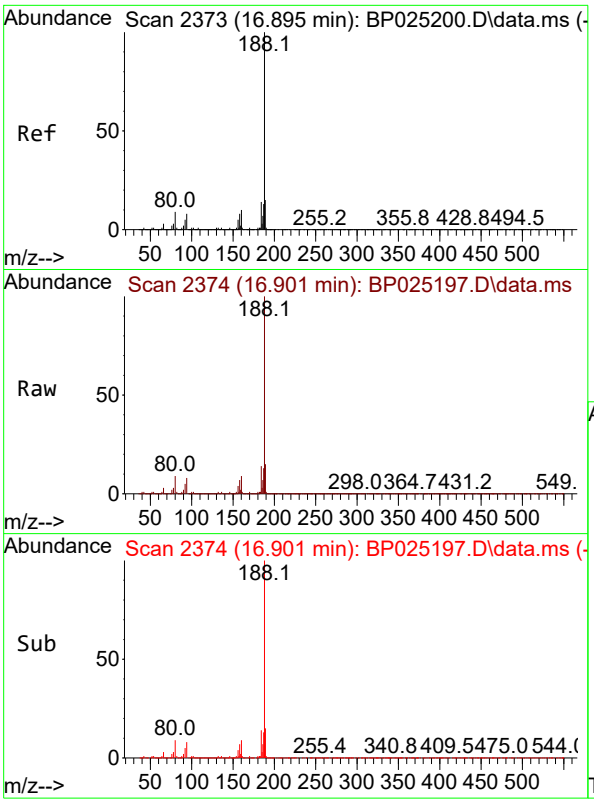



#63
Azobenzene
Concen: 5.004 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 379326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.9 | 12.0 | 52.0 |
| 105 | 22.7 | 3.6 | 43.6 |
| 51 | 27.2 | 6.0 | 46.0 |

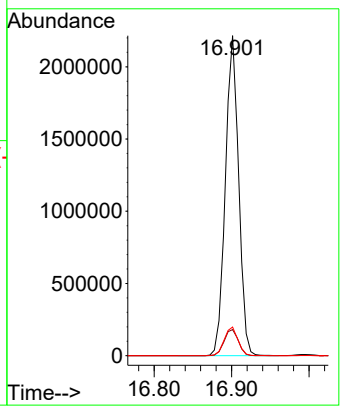





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:188 Resp: 263635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.8 | 10.2 |
| 80 | 8.9 | 7.3 | 10.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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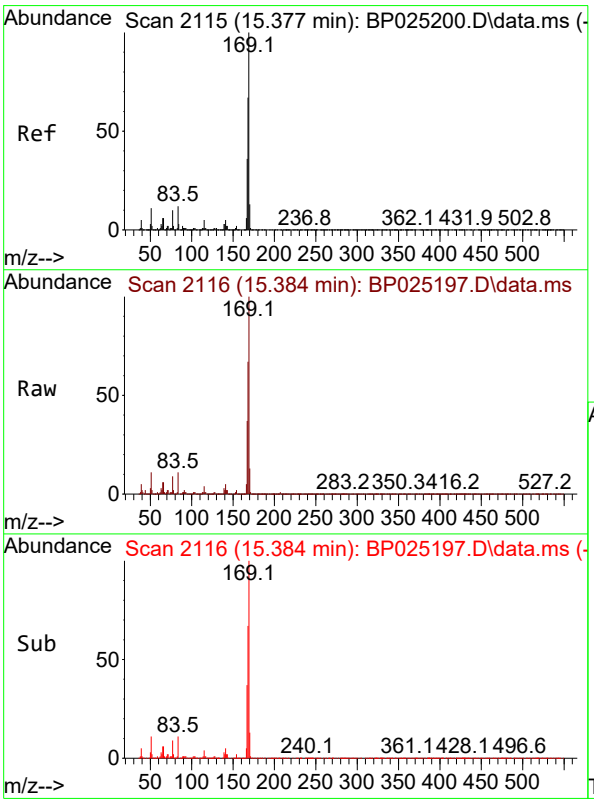
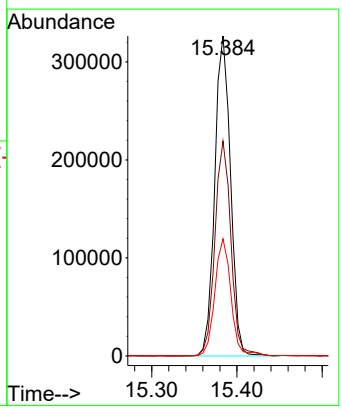
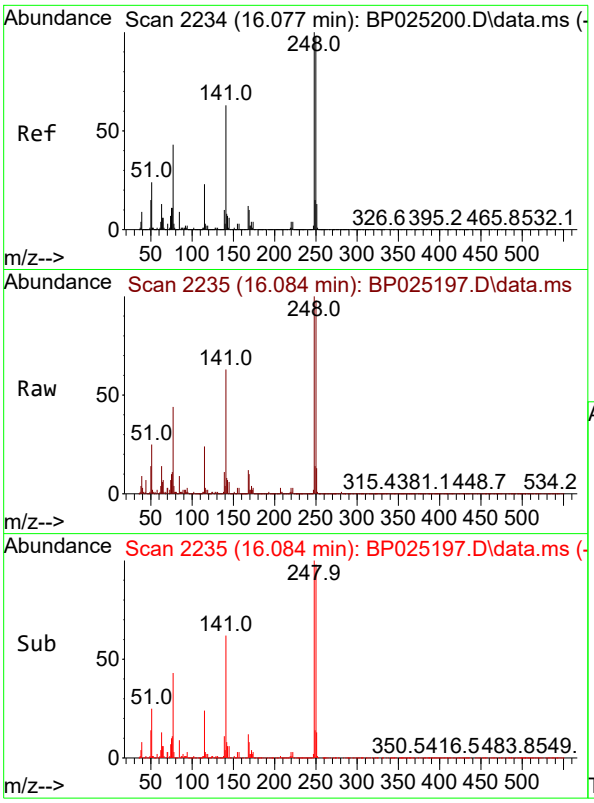



#66
n-Nitrosodiphenylamine
Concen: 5.115 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:169 Resp: 419927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 53.7 | 80.5 |
| 167 | 36.6 | 29.0 | 43.6 |

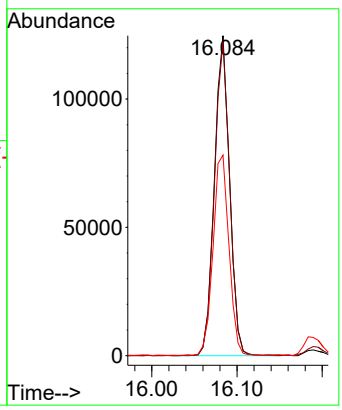





#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:248 Resp: 15413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.1 | 78.5 | 117.7 |
| 141 | 62.7 | 50.5 | 75.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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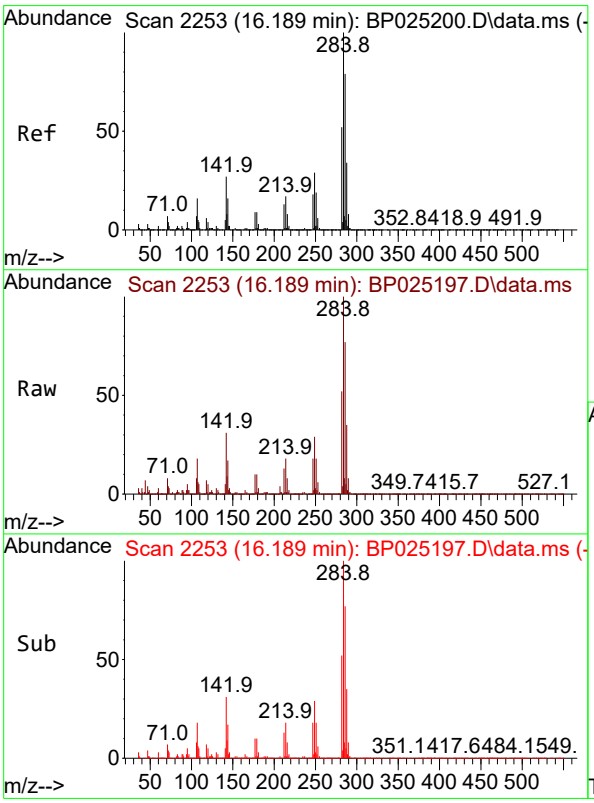
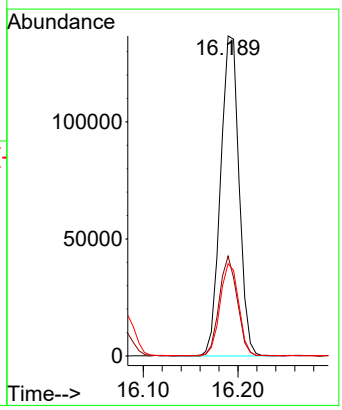
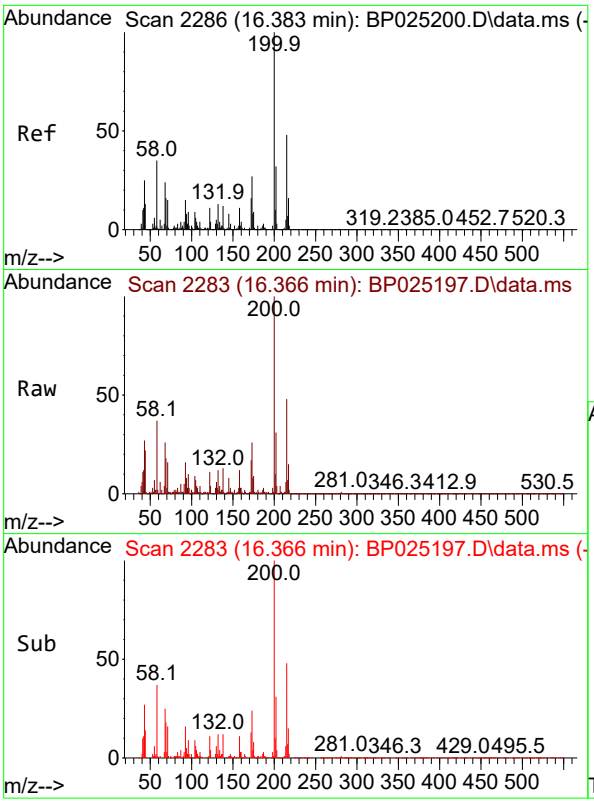



#68
Hexachlorobenzene
Concen: 5.013 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:284 Resp: 186075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.2 | 21.5 | 32.3 |
| 249 | 28.9 | 23.4 | 35.0 |

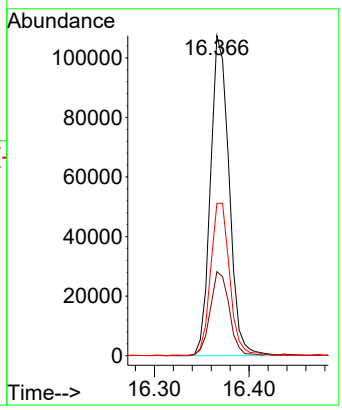





#69
Atrazine
Concen: 4.896 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:200 Resp: 14652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 47.6 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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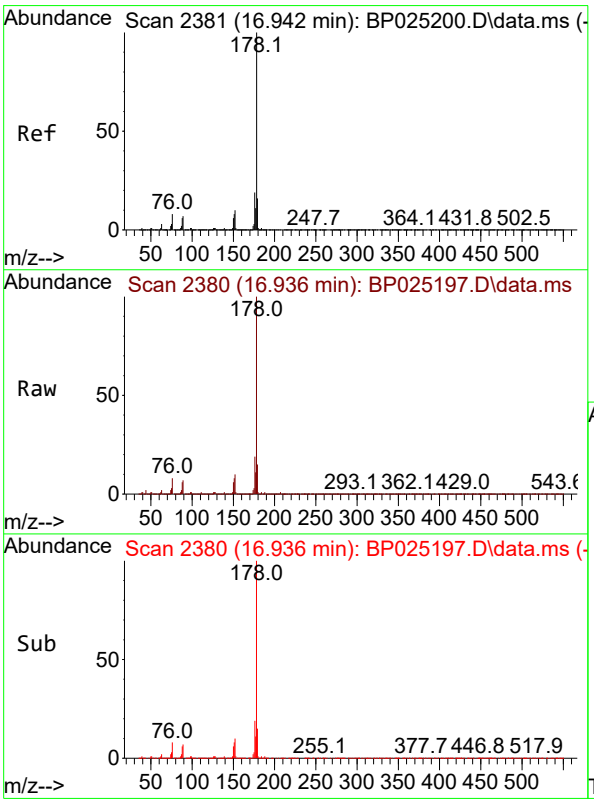
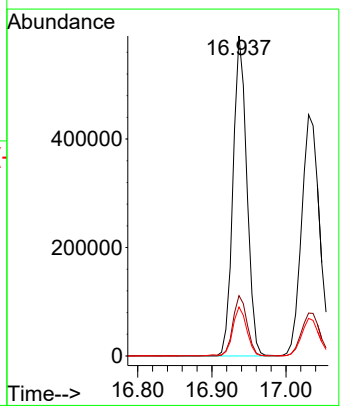
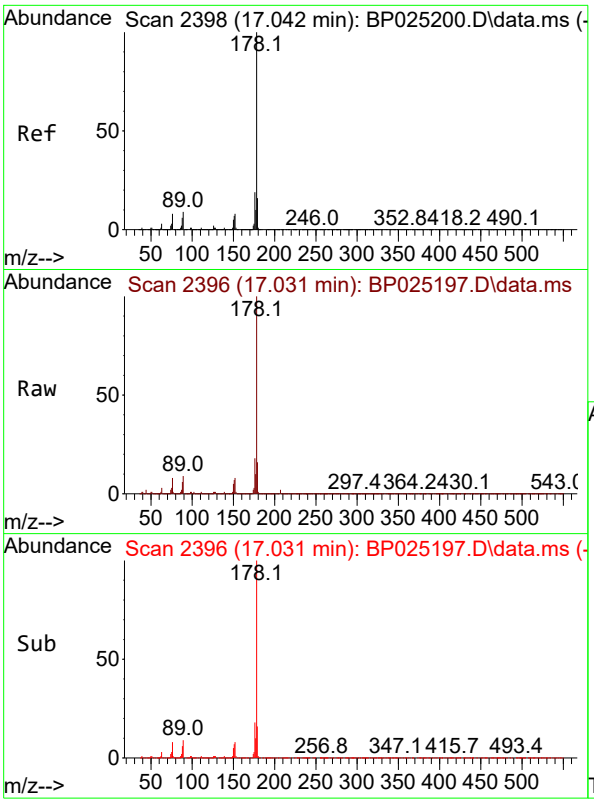



#71
Phenanthrene
Concen: 5.196 ng
RT: 16.936 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 763302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.6 | 23.4 |
| 179 | 15.3 | 12.5 | 18.7 |

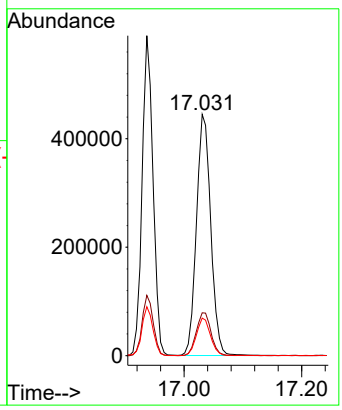





#72
Anthracene
Concen: 5.040 ng
RT: 17.031 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 75162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 15.0 | 22.4 |
| 179 | 15.6 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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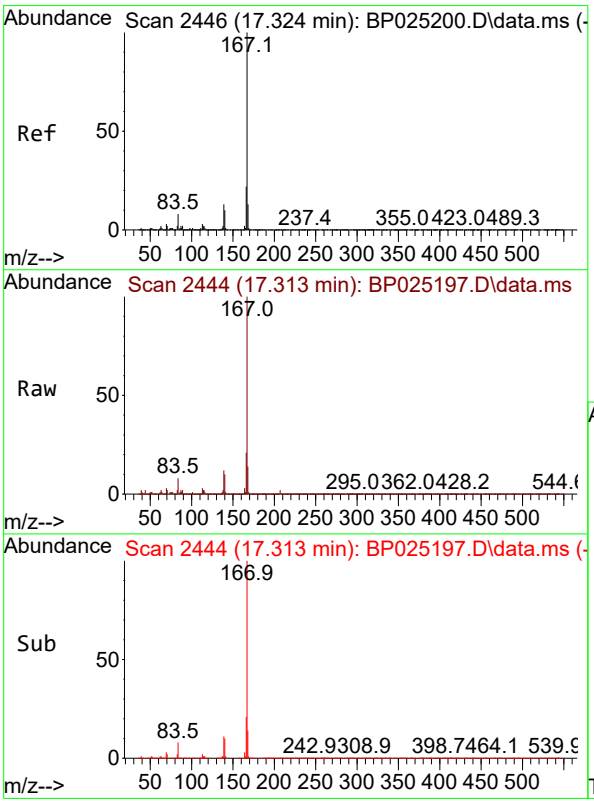
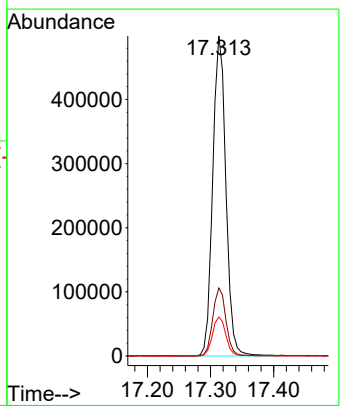
Supervised By :Jagrut Upadhyay 07/22/2025

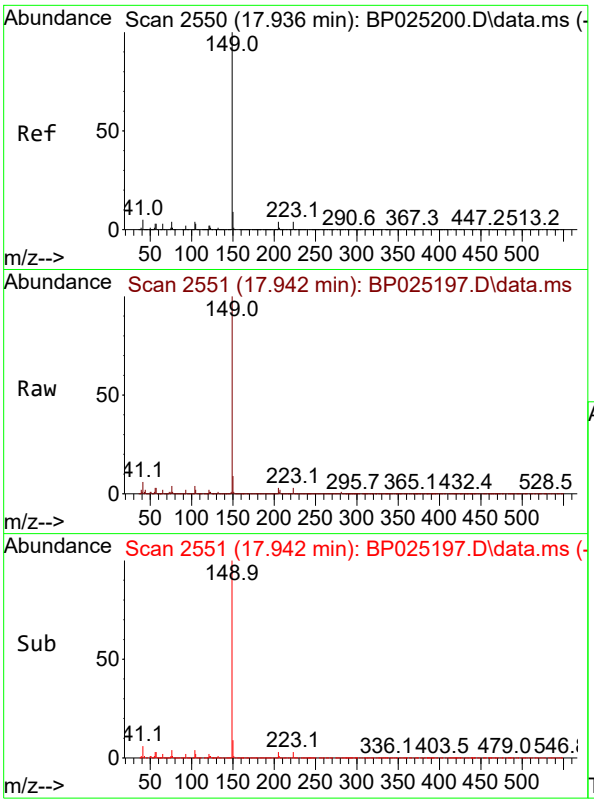



#73
Carbazole
Concen: 5.085 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:167 Resp: 721457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.3 | 25.9 |
| 139 | 12.1 | 10.1 | 15.1 |

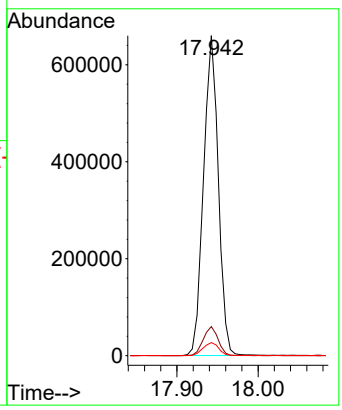





#74
Di-n-butylphthalate
Concen: 5.006 ng
RT: 17.942 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 83283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.6 | 11.4 |
| 104 | 4.1 | 3.5 | 5.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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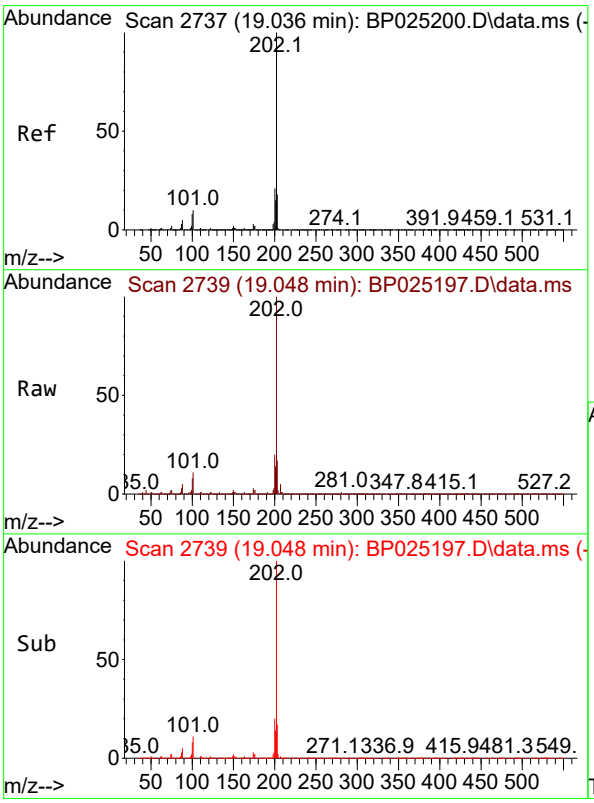
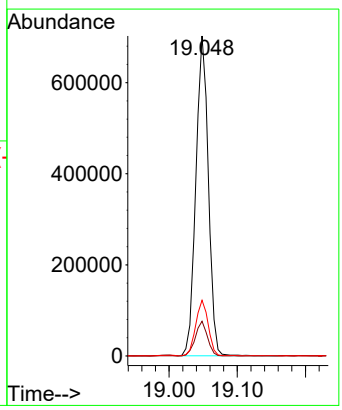
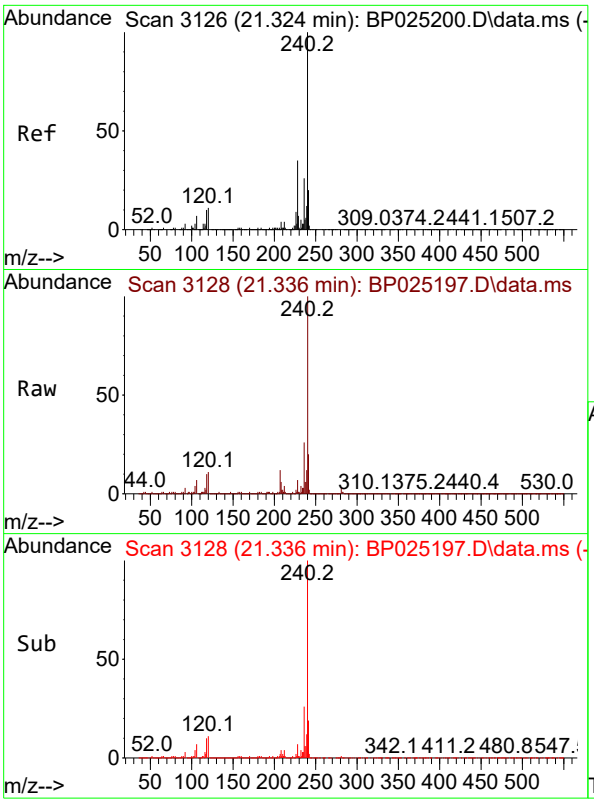



#75
Fluoranthene
Concen: 5.122 ng
RT: 19.048 min Scan# 2739
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 889535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.3 |
| 203 | 17.4 | 0.0 | 38.0 |

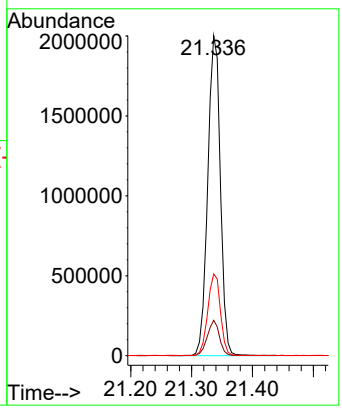





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:240 Resp: 287336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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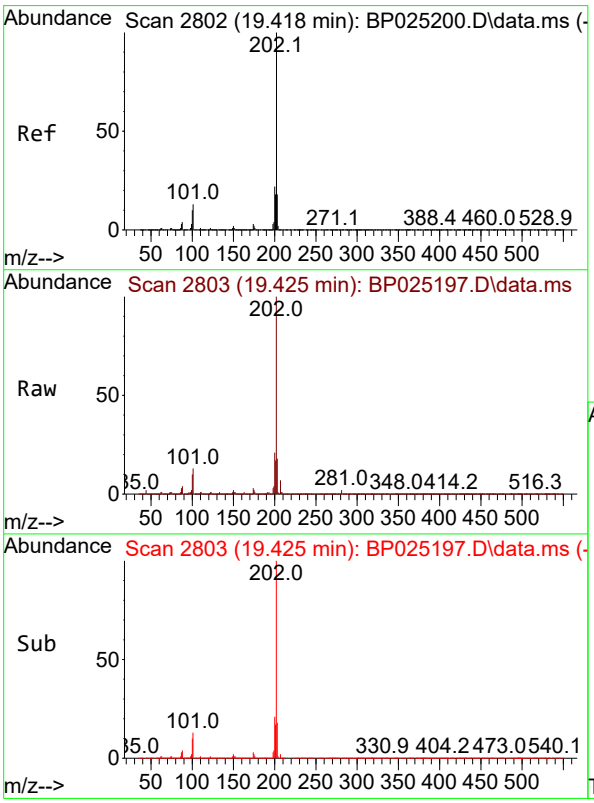
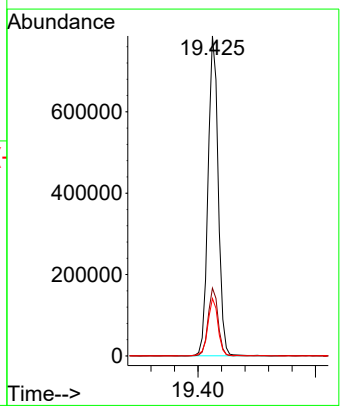
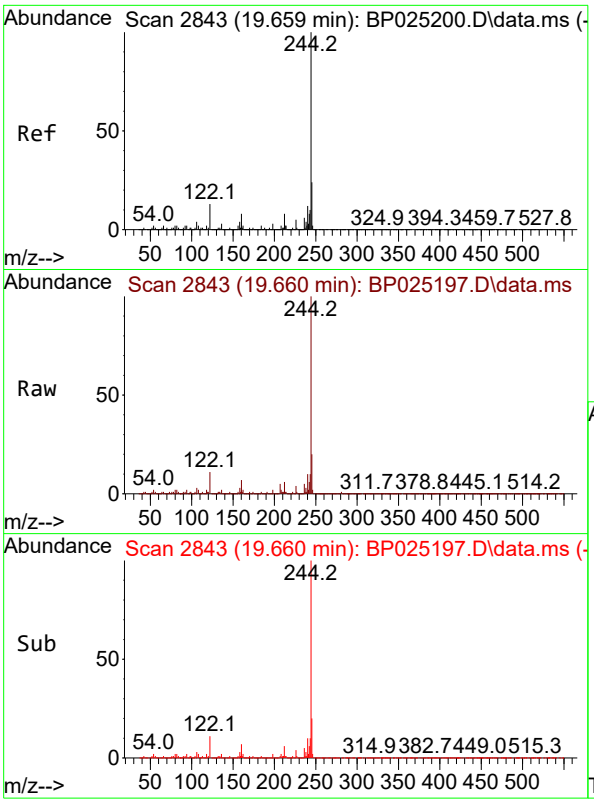



#78
Pyrene
Concen: 5.177 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 945415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |

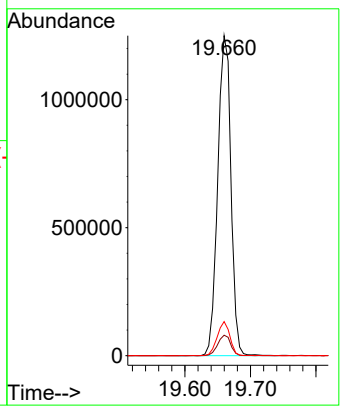





#79
Terphenyl-d14
Concen: 11.285 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:244 Resp: 173635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 6.6 | 9.8 |
| 122 | 10.7 | 10.3 | 15.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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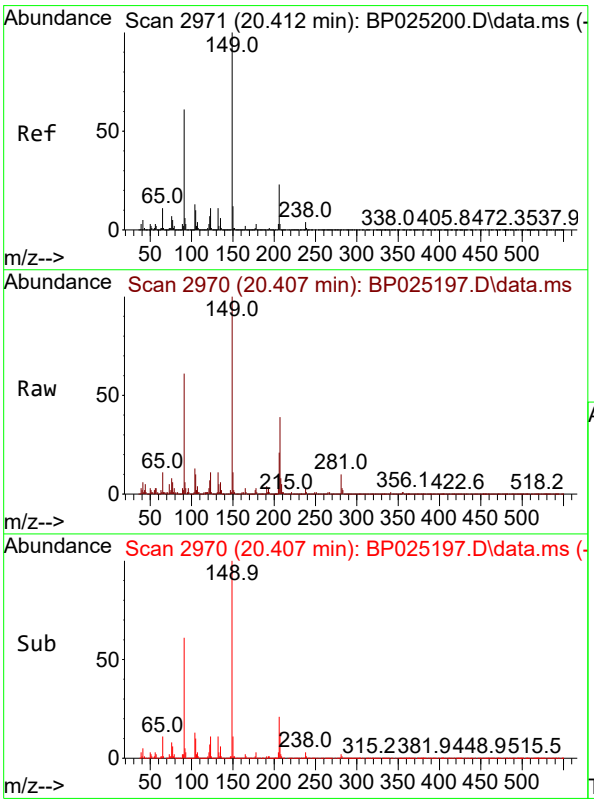
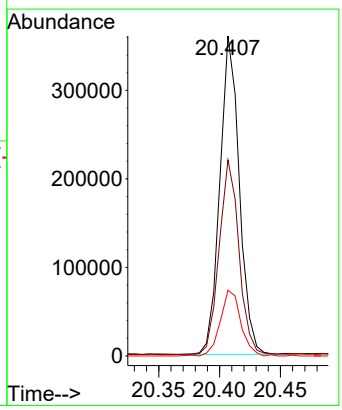
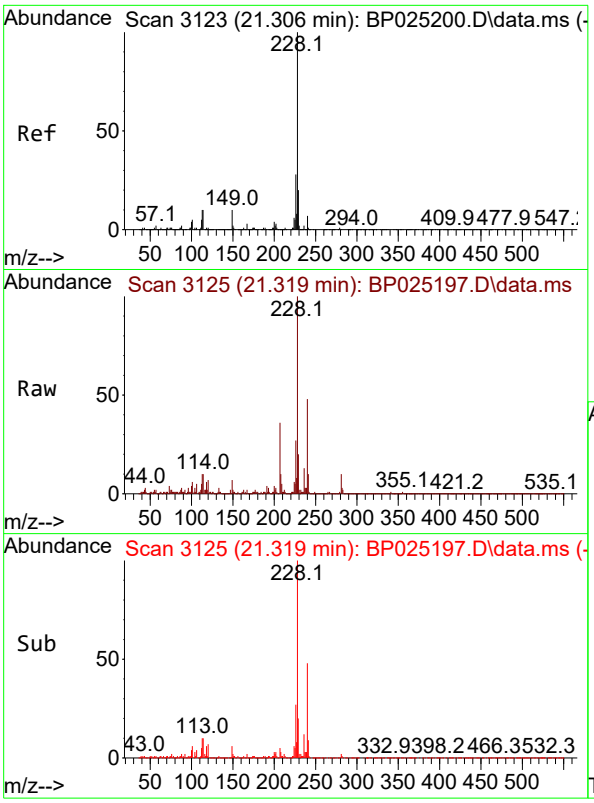



#80
Butylbenzylphthalate
Concen: 4.973 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 400726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.3 | 48.8 | 73.2 |
| 206 | 20.6 | 18.4 | 27.6 |

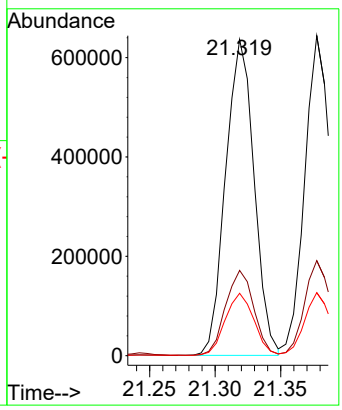





#81
Benzo(a)anthracene
Concen: 5.147 ng
RT: 21.319 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:228 Resp: 96193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 22.3 | 33.5 |
| 229 | 19.7 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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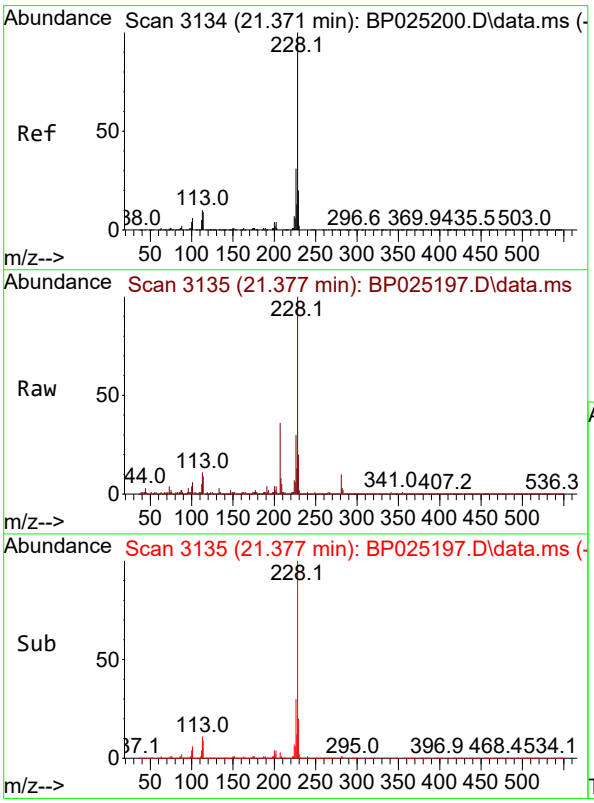
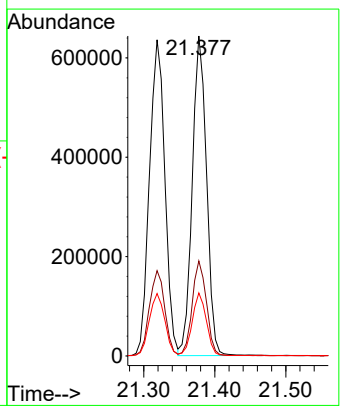
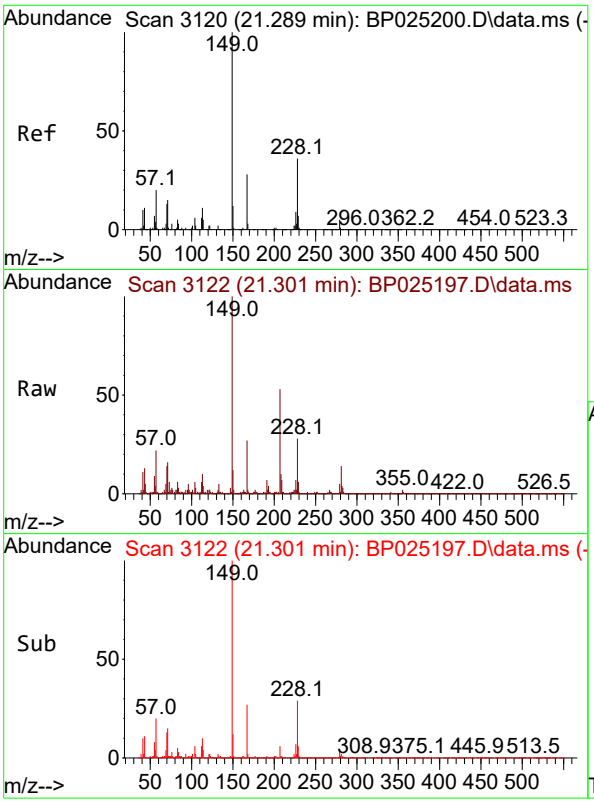



#83
Chrysene
Concen: 5.166 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:228 Resp: 900450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.6 | 37.0 |
| 229 | 19.7 | 16.0 | 24.0 |






#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 21.301 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 59495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
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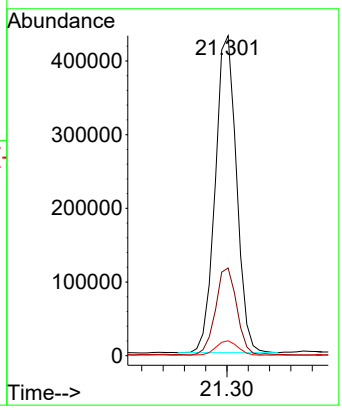
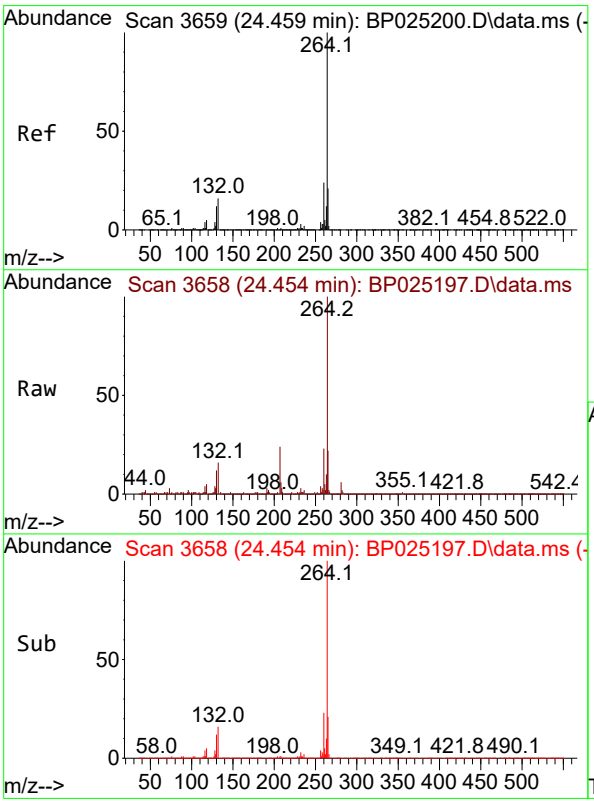
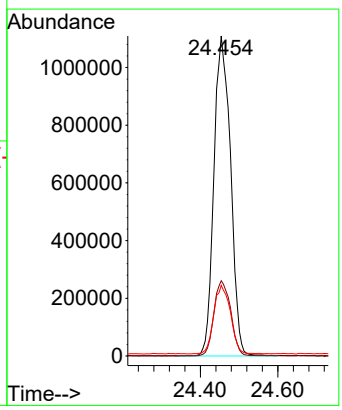


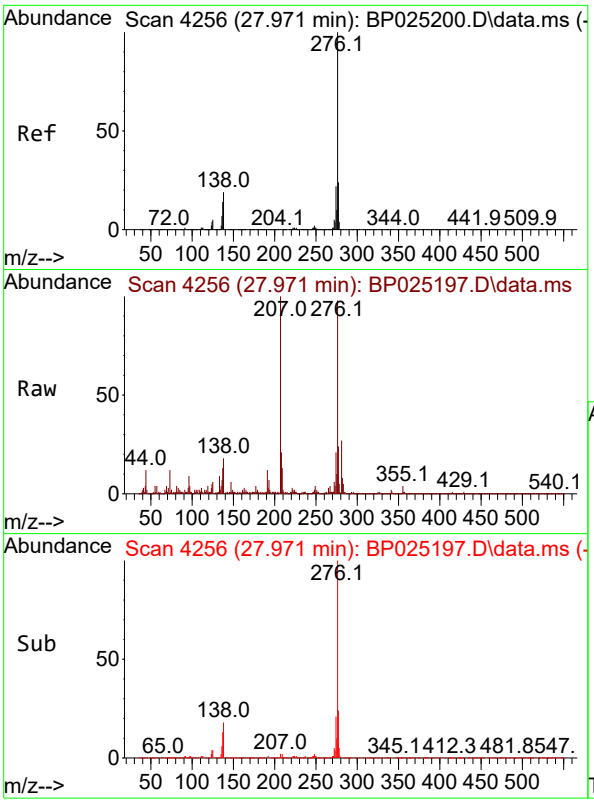




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:264 Resp: 3311045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |

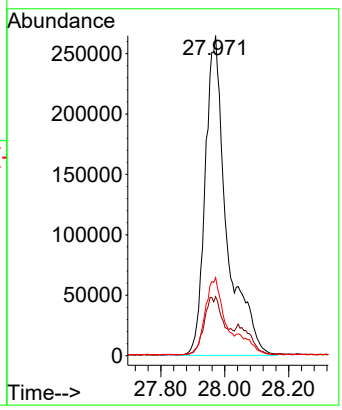





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.093 ng m
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 123959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.6 | 12.8 | 19.2 |
| 277 | 20.8 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

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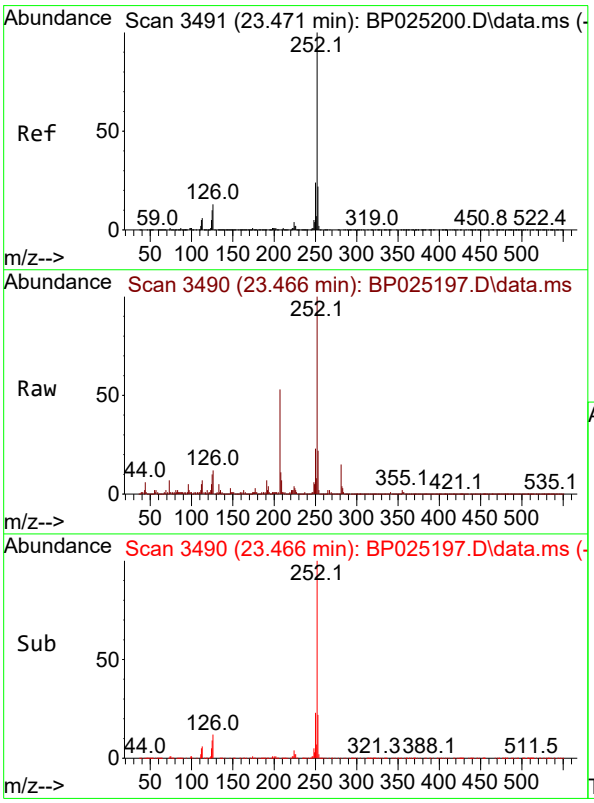
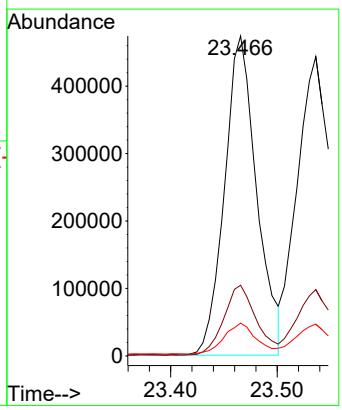
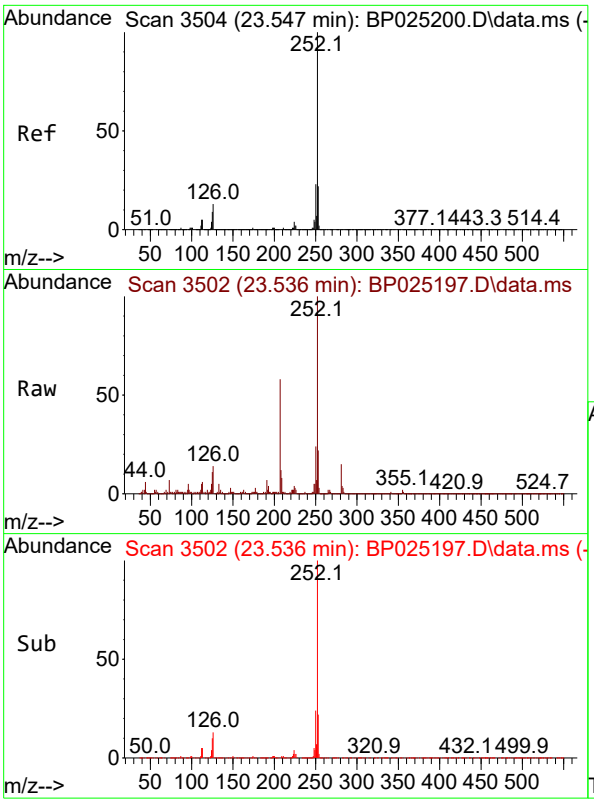



#88
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 23.466 min Scan# 3490
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 993434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 10.3 | 7.8 | 11.8 |

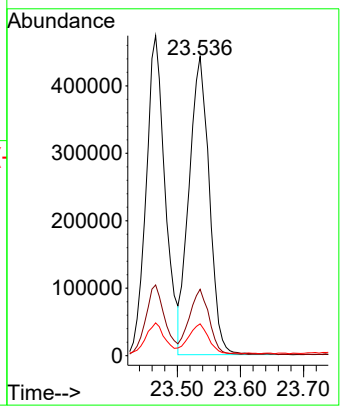





#89
Benzo(k)fluoranthene
Concen: 5.140 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 98547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.6 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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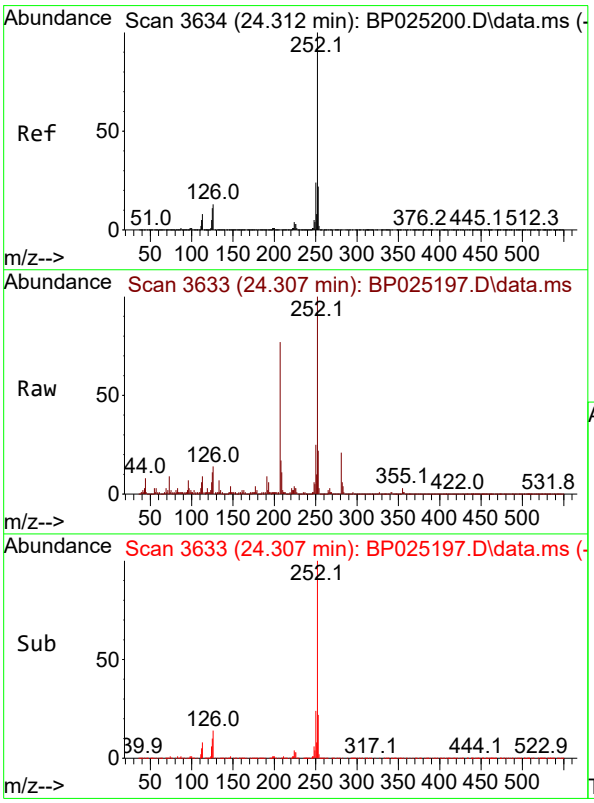
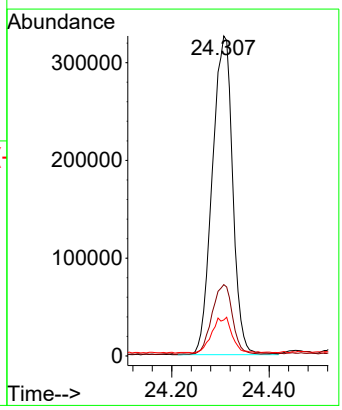
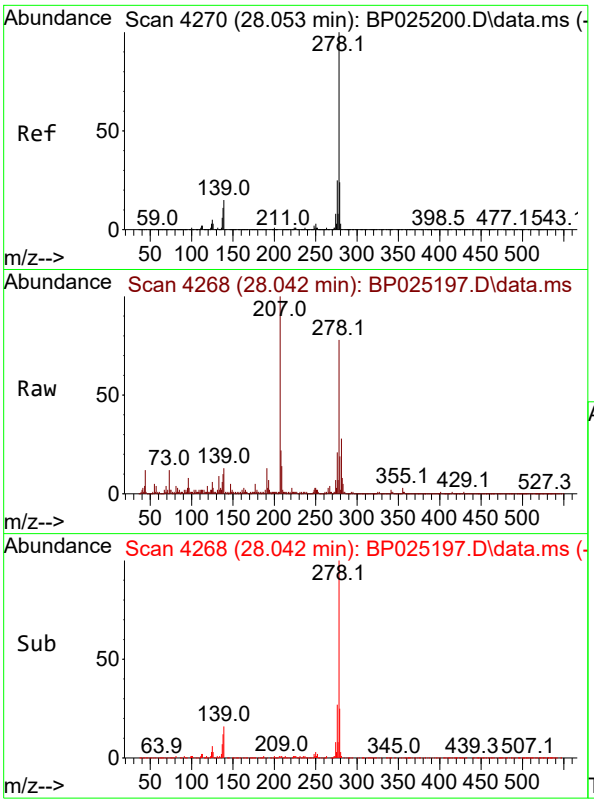



#90
Benzo(a)pyrene
Concen: 5.054 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 947324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |

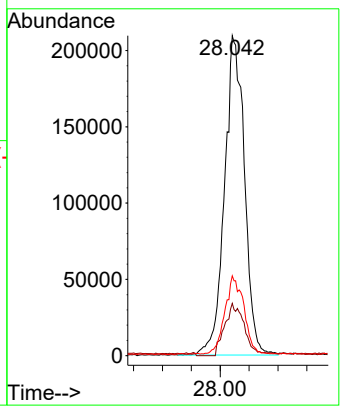





#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:278 Resp: 100633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.4 | 12.0 | 18.0 |
| 279 | 24.9 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

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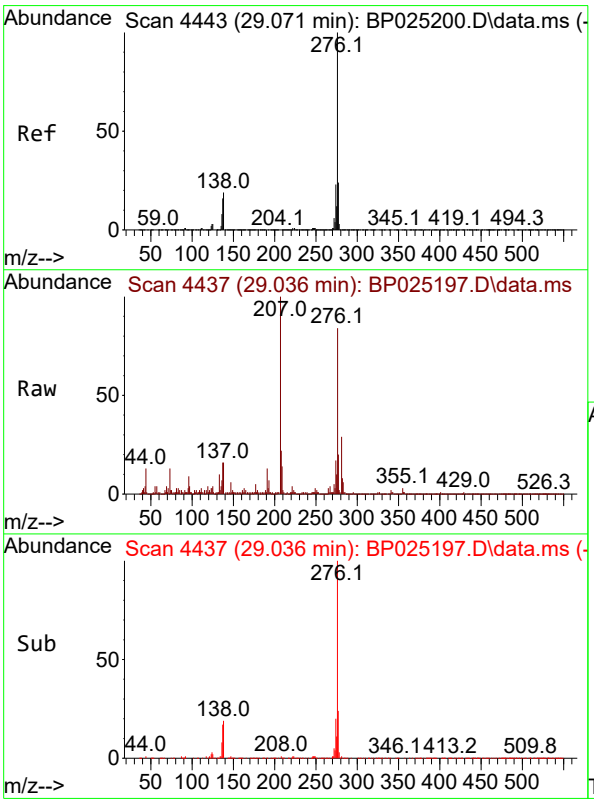
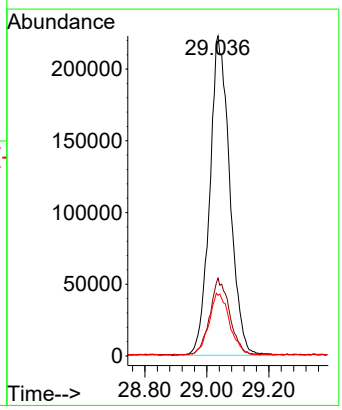



#92
Benzo(g,h,i)perylene
Concen: 5.127 ng
RT: 29.036 min Scan# 4437
Delta R.T. -0.035 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 1002521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 19.0 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 520728 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2046616 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.083 | 164 | 1320566 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2625603 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 2939535 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.453 | 264 | 3517768 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 602627 | 19.333 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 742472 | 19.294 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 726773 | 19.470 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 380466 | 19.375 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 2013844 | 20.189 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.654 | 244 | 3414680 | 21.694 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 116581 | 9.952 | ng | | 99 |
| 3) Pyridine | 3.496 | 79 | 296665 | 9.561 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 115366 | 9.421 | ng | # | 93 |
| 6) Aniline | 6.772 | 93 | 473154 | 9.455 | ng | | 99 |
| 8) 2-Chlorophenol | 7.013 | 128 | 335129 | 9.555 | ng | | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 240839 | 8.757 | ng | | 98 |
| 10) Phenol | 6.660 | 94 | 381137 | 9.573 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.872 | 93 | 293018 | 9.585 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 388508 | 9.764 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 389463 | 9.699 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 369794 | 9.584 | ng | | 98 |
| 15) Benzyl Alcohol | 7.672 | 79 | 260442 | 9.442 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 373210 | 9.518 | ng | | 98 |
| 17) 2-Methylphenol | 7.878 | 107 | 261165 | 9.483 | ng | | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 132688 | 9.677 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 217824 | 9.392 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.195 | 107 | 352479 | 9.371 | ng | | 98 |
| 22) Acetophenone | 8.243 | 105 | 478842 | 9.878 | ng | # | 98 |
| 24) Nitrobenzene | 8.607 | 77 | 324205 | 9.800 | ng | | 98 |
| 25) Isophorone | 9.131 | 82 | 627451 | 9.598 | ng | | 98 |
| 26) 2-Nitrophenol | 9.307 | 139 | 172919 | 9.287 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 307178 | 9.690 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 399970 | 9.745 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 312211 | 9.603 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 353497 | 9.881 | ng | | 99 |
| 31) Naphthalene | 10.225 | 128 | 1041389 | 9.771 | ng | | 100 |
| 32) Benzoic acid | 9.472 | 122 | 186508 | 8.056 | ng | | 96 |
| 33) 4-Chloroaniline | 10.342 | 127 | 447675 | 9.674 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 210009 | 9.775 | ng | | 97 |
| 35) Caprolactam | 11.107 | 113 | 101593 | 9.495 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 318251 | 9.801 | ng | | 98 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 674086 | 9.778 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 708010 | 9.738 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.236 | 216 | 388223 | 9.708 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.225 | 237 | 190047 | 8.380 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.489 | 196 | 260478 | 9.640 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

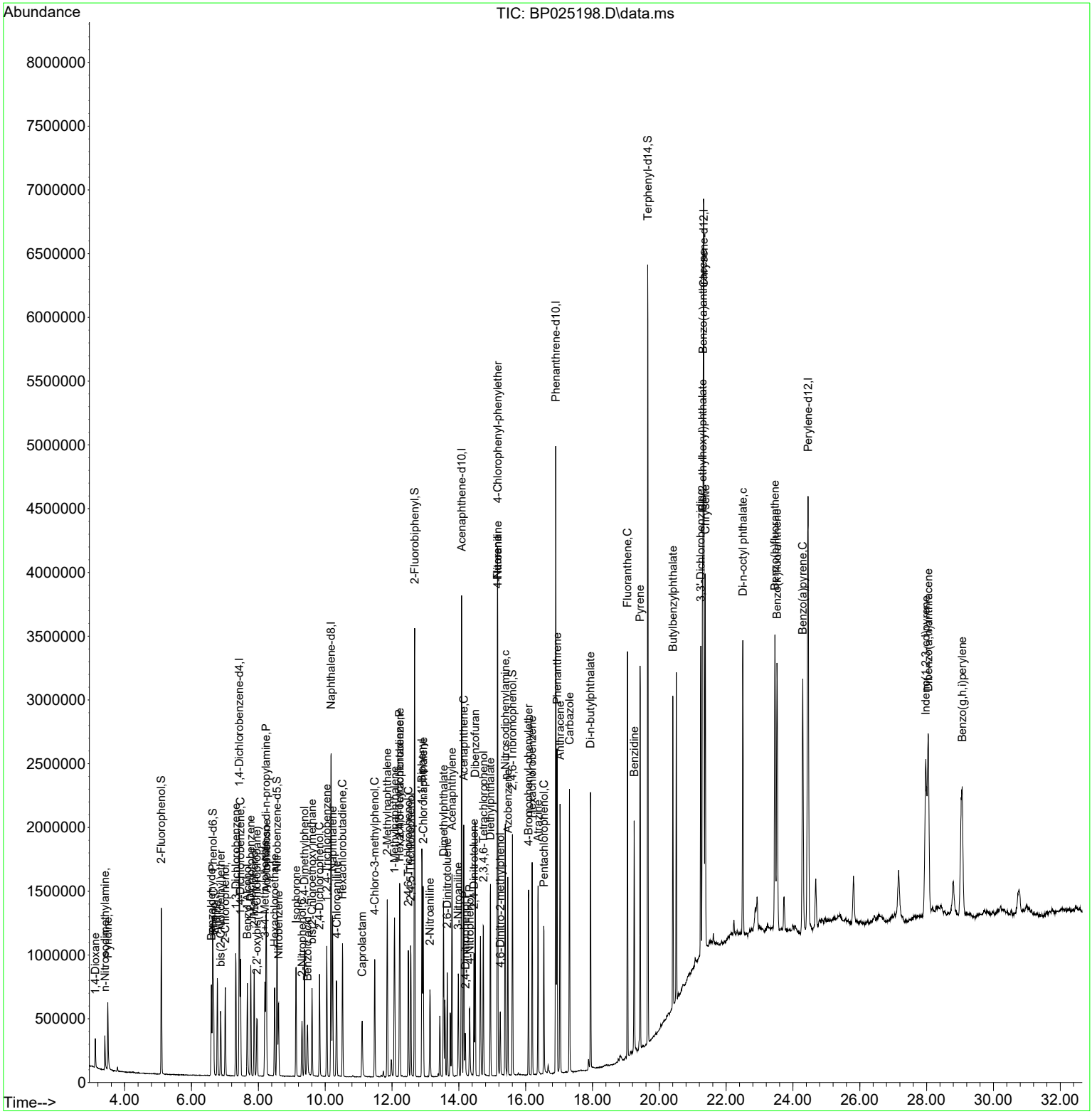
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 289420 | 9.717 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 973396 | 9.969 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.936 | 162 | 755649 | 9.989 | ng | 99 |
| 48) 2-Nitroaniline | 13.136 | 65 | 181056 | 9.541 | ng | 95 |
| 49) Acenaphthylene | 13.795 | 152 | 1217151 | 9.811 | ng | 98 |
| 50) Dimethylphthalate | 13.542 | 163 | 949801 | 9.858 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 194525 | 9.537 | ng | 98 |
| 52) Acenaphthene | 14.148 | 154 | 705723 | 9.875 | ng | 100 |
| 53) 3-Nitroaniline | 13.983 | 138 | 222495 | 9.668 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.195 | 184 | 88097 | 7.708 | ng | 99 |
| 55) Dibenzofuran | 14.489 | 168 | 1136303 | 9.821 | ng | 99 |
| 56) 4-Nitrophenol | 14.325 | 139 | 182691 | 9.316 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.454 | 165 | 265442 | 9.342 | ng | 98 |
| 58) Fluorene | 15.154 | 166 | 912923 | 9.892 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.736 | 232 | 251016 | 9.520 | ng | 98 |
| 60) Diethylphthalate | 14.948 | 149 | 929443 | 9.763 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 466528 | 10.029 | ng | 99 |
| 62) 4-Nitroaniline | 15.166 | 138 | 223854 | 9.546 | ng | 98 |
| 63) Azobenzene | 15.466 | 77 | 741495 | 9.696 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 132736 | 8.075 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.389 | 169 | 810248 | 9.909 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.089 | 248 | 303682 | 9.810 | ng | 97 |
| 68) Hexachlorobenzene | 16.195 | 284 | 360593 | 9.755 | ng | 96 |
| 69) Atrazine | 16.372 | 200 | 292440 | 9.812 | ng | 98 |
| 70) Pentachlorophenol | 16.548 | 266 | 223420 | 9.080 | ng | 98 |
| 71) Phenanthrene | 16.942 | 178 | 1465440 | 10.017 | ng | 99 |
| 72) Anthracene | 17.030 | 178 | 1482992 | 9.985 | ng | 99 |
| 73) Carbazole | 17.313 | 167 | 1406173 | 9.951 | ng | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 1638310 | 9.887 | ng | 99 |
| 75) Fluoranthene | 19.048 | 202 | 1762633 | 10.190 | ng | 99 |
| 77) Benzidine | 19.248 | 184 | 1045235 | 9.309 | ng | 99 |
| 78) Pyrene | 19.424 | 202 | 1805942 | 9.667 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 787501 | 9.553 | ng | 98 |
| 81) Benzo(a)anthracene | 21.312 | 228 | 1894426 | 9.908 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.242 | 252 | 770405 | 9.826 | ng | 98 |
| 83) Chrysene | 21.377 | 228 | 1767347 | 9.912 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 1177770 | 9.800 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 2011265 | 9.601 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.977 | 276 | 2512454 | 9.716 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.459 | 252 | 2047782 | 9.982 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.524 | 252 | 1965076 | 9.648 | ng | 99 |
| 90) Benzo(a)pyrene | 24.295 | 252 | 1933168 | 9.708 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 28.053 | 278 | 2076587 | 9.792 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.065 | 276 | 2006207 | 9.658 | ng | 98 |

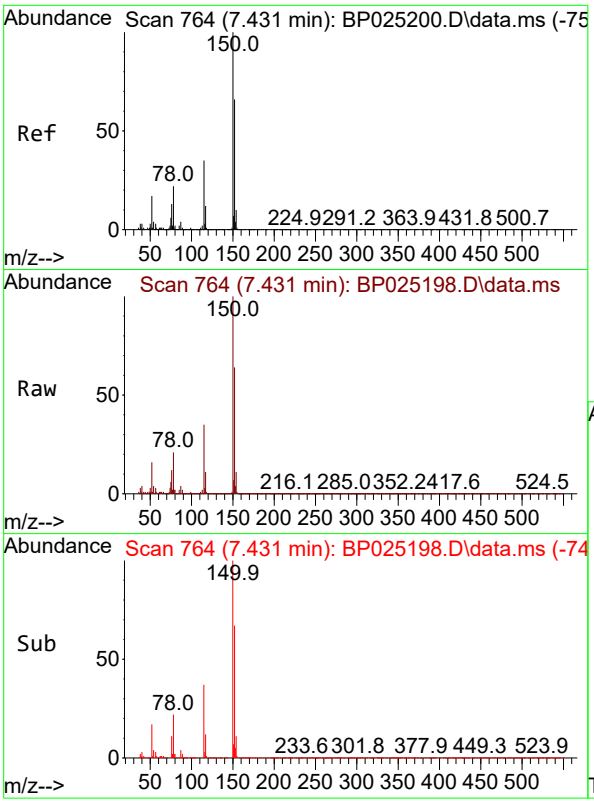
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 22 02:29:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



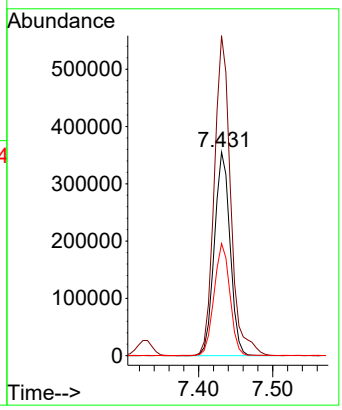


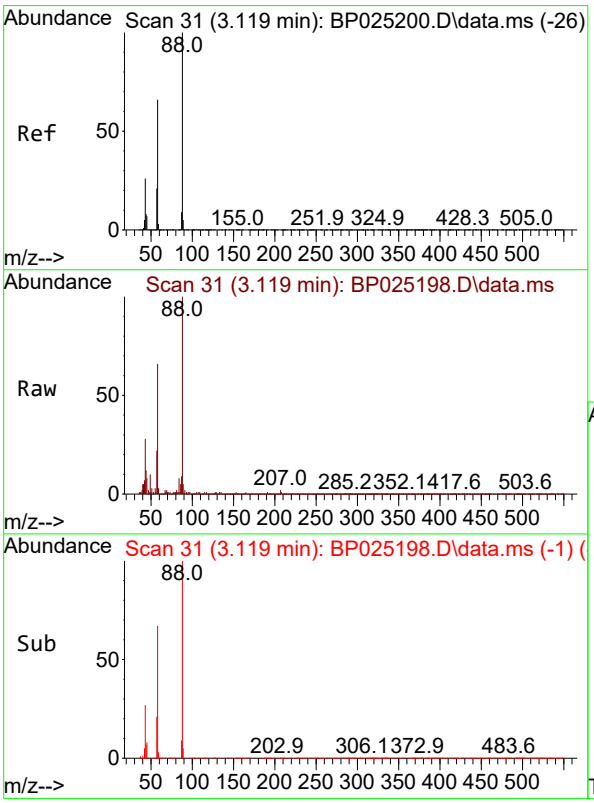

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 520728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 121.9 | 182.9 |
| 115 | 55.1 | 43.0 | 64.6 |

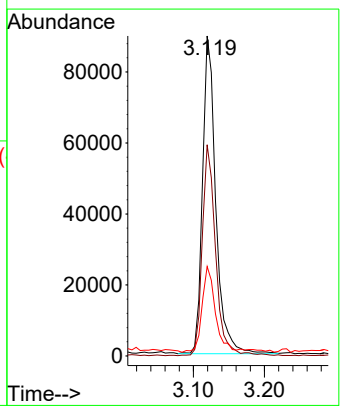


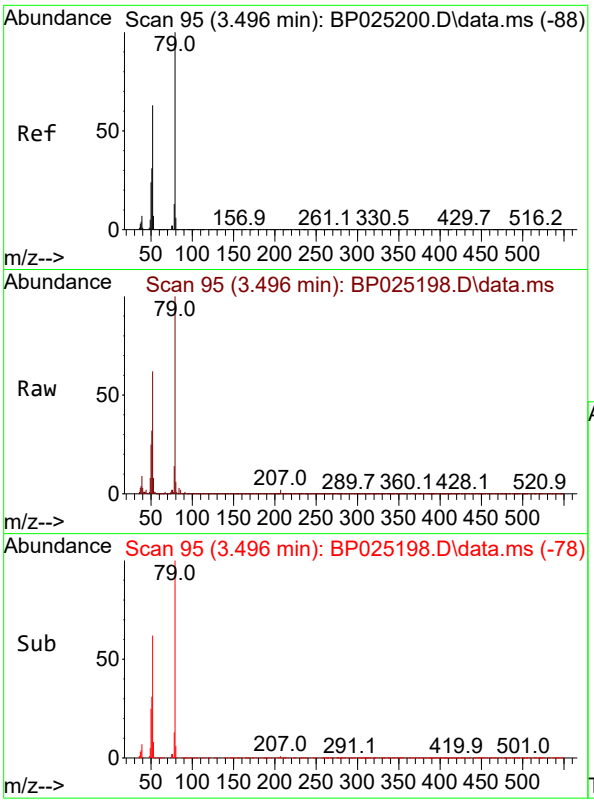




#2
1,4-Dioxane
Concen: 9.952 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 88 Resp: 116581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.7 | 53.5 | 80.3 |
| 43 | 26.9 | 20.8 | 31.2 |



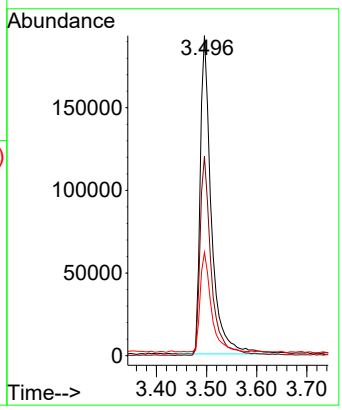


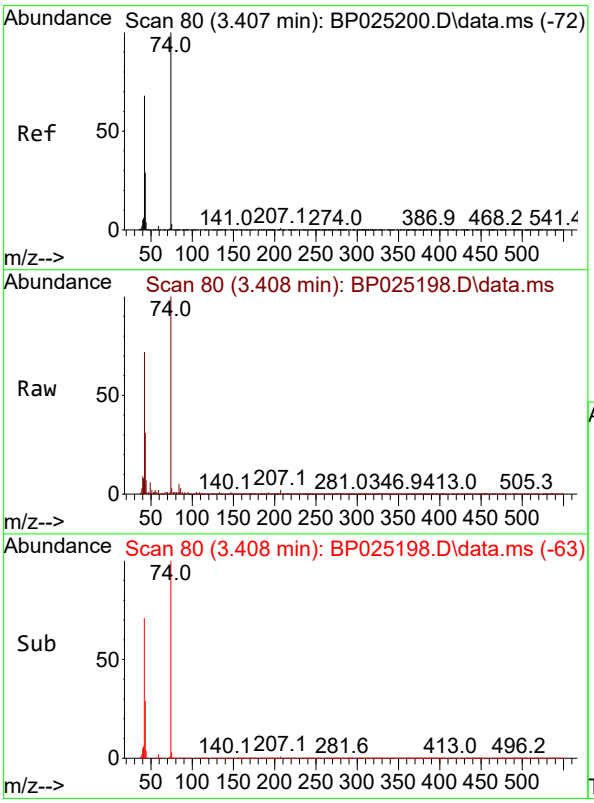

#3
Pyridine
Concen: 9.561 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 296665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.2 | 50.2 | 75.4 |
| 51 | 32.3 | 25.0 | 37.4 |

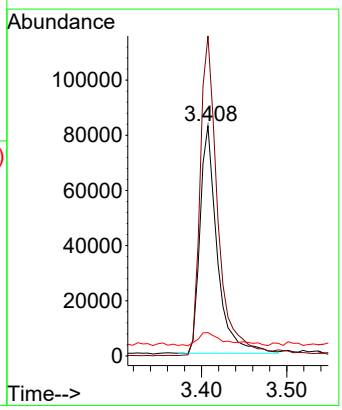


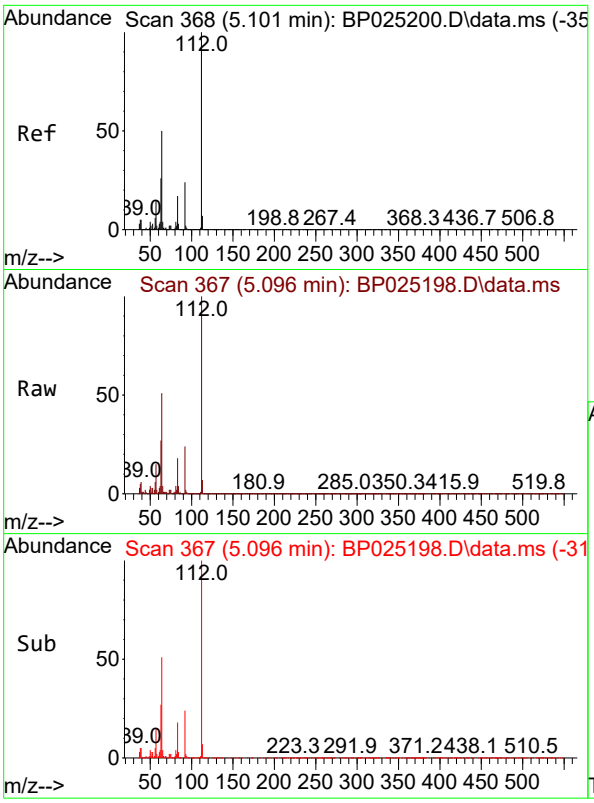




#4
n-Nitrosodimethylamine
Concen: 9.421 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 42 Resp: 115366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 139.0 | 118.0 | 177.0 |
| 44 | 10.2 | 5.5 | 8.3# |



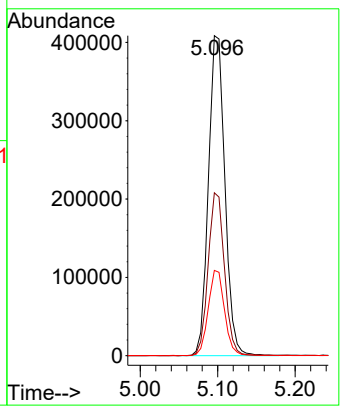


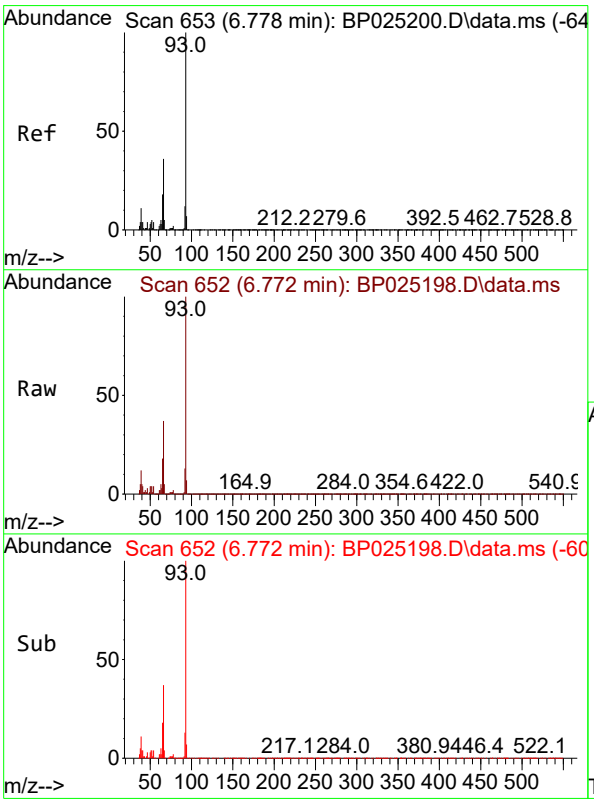

#5
2-Fluorophenol
Concen: 19.333 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:112 Resp: 602627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.9 | 39.8 | 59.6 |
| 63 | 26.7 | 20.5 | 30.7 |

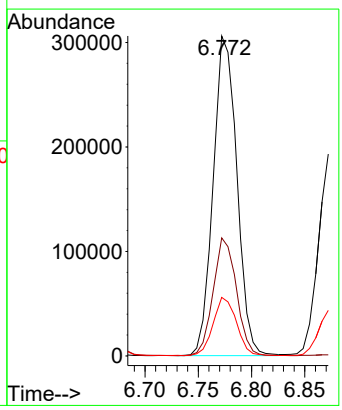


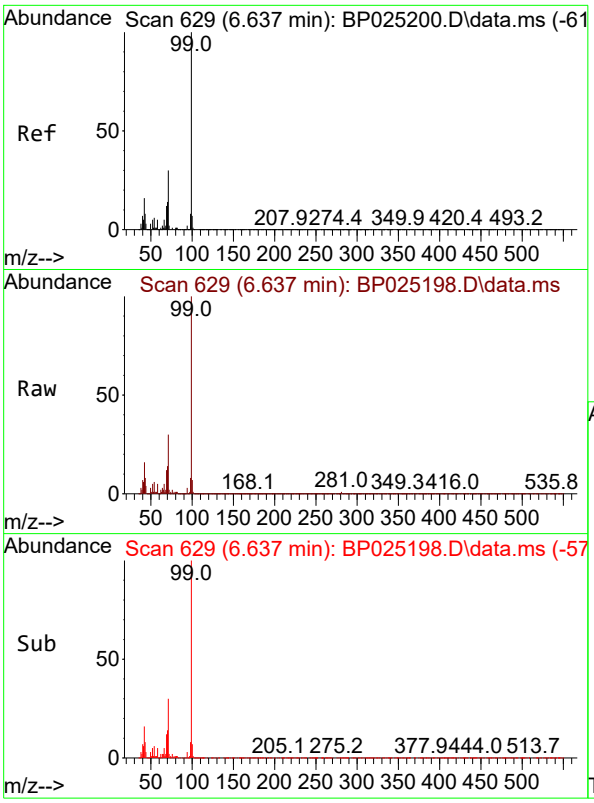




#6
Aniline
Concen: 9.455 ng
RT: 6.772 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 473154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.9 | 28.6 | 43.0 |
| 65 | 18.3 | 14.6 | 21.8 |



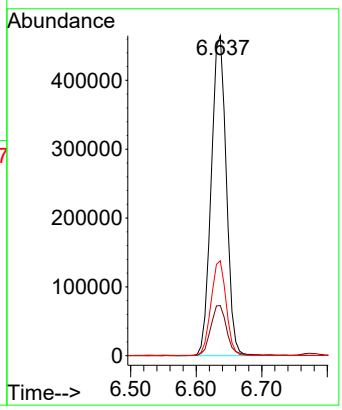


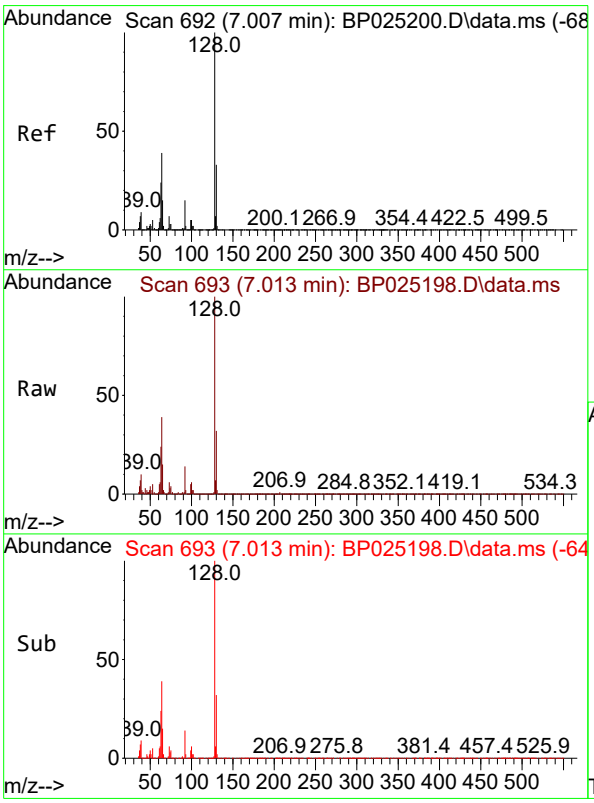

#7
Phenol-d6
Concen: 19.294 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 99 Resp: 742472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 29.7 | 24.2 | 36.2 |

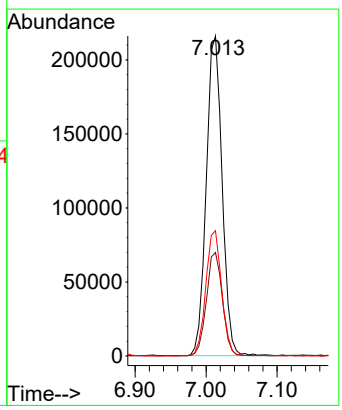


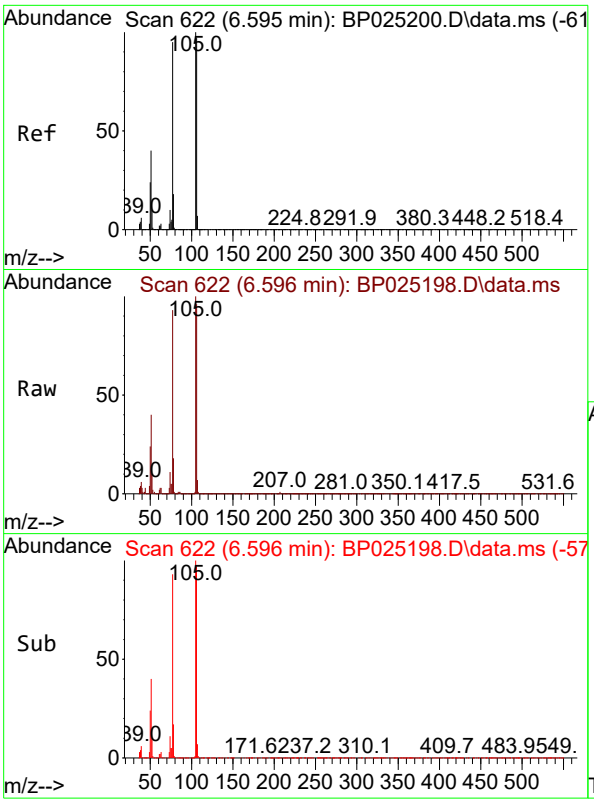




#8
2-Chlorophenol
Concen: 9.555 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:128 Resp: 335129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.9 | 52.9 |
| 64 | 39.1 | 19.2 | 59.2 |



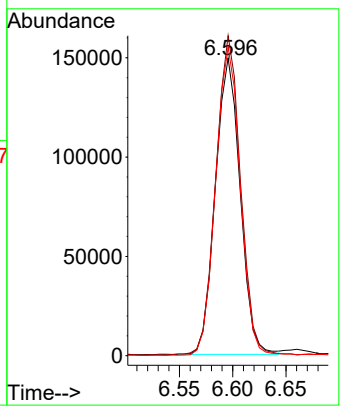


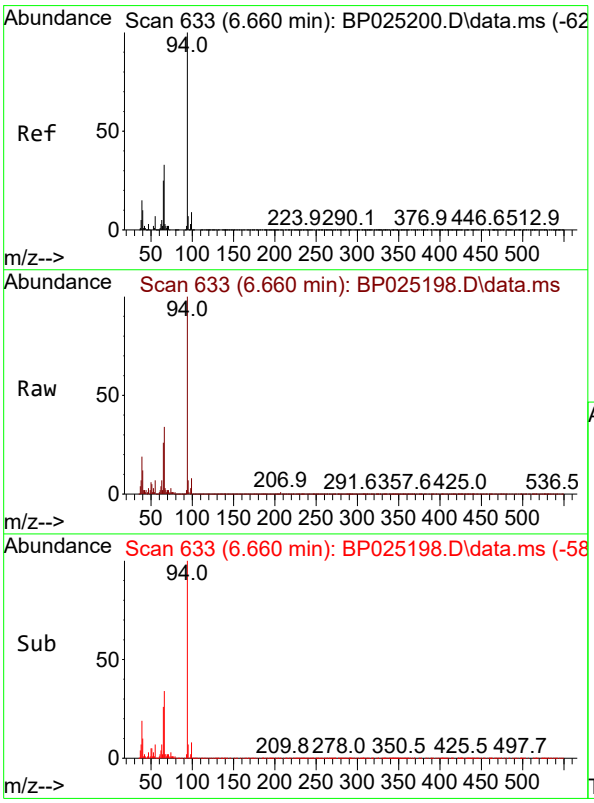

#9
Benzaldehyde
Concen: 8.757 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 240839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.5 | 85.5 | 125.5 |
| 106 | 103.7 | 81.9 | 121.9 |

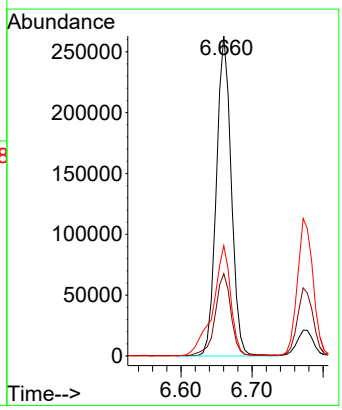


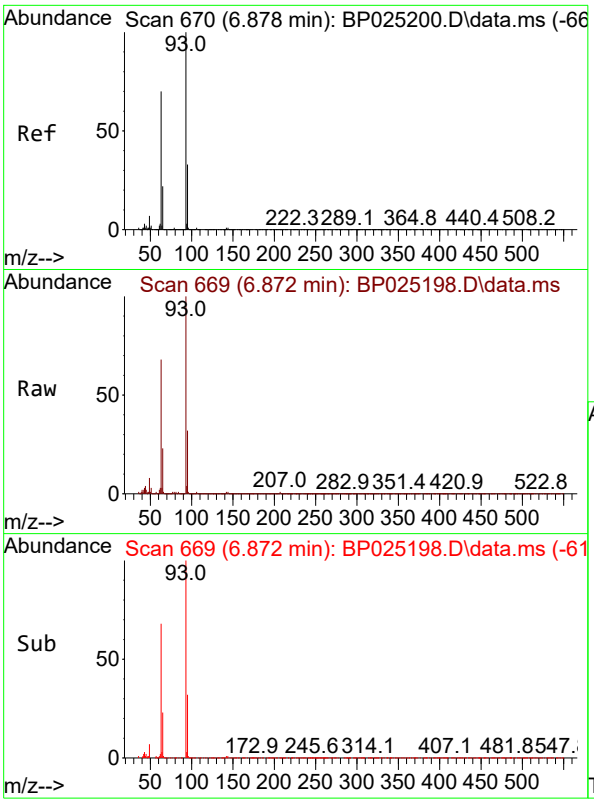




#10
Phenol
Concen: 9.573 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 94 Resp: 381137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.7 | 5.4 | 45.4 |
| 66 | 34.4 | 13.5 | 53.5 |



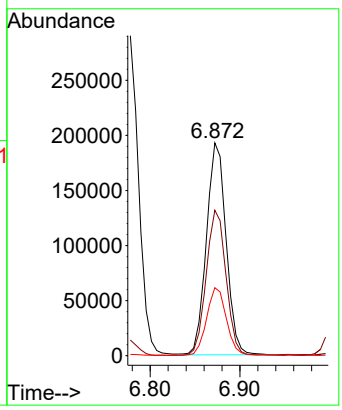


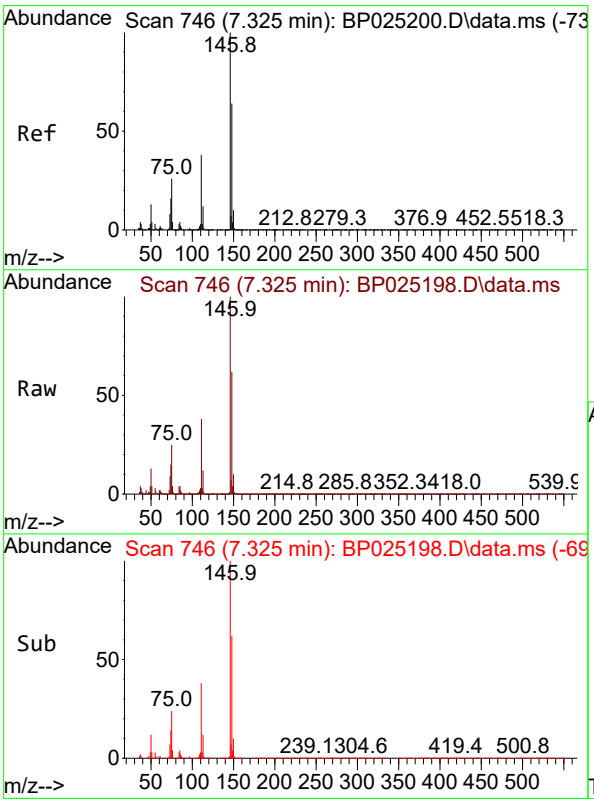

#11
bis(2-Chloroethyl)ether
Concen: 9.585 ng
RT: 6.872 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 93 Resp: 293018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.4 | 50.0 | 90.0 |
| 95 | 31.9 | 12.9 | 52.9 |

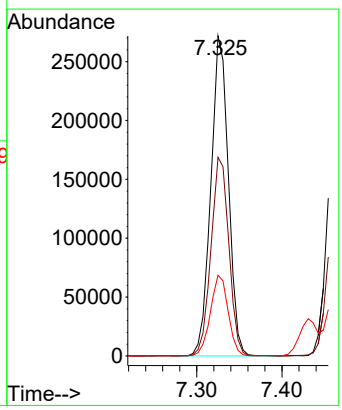


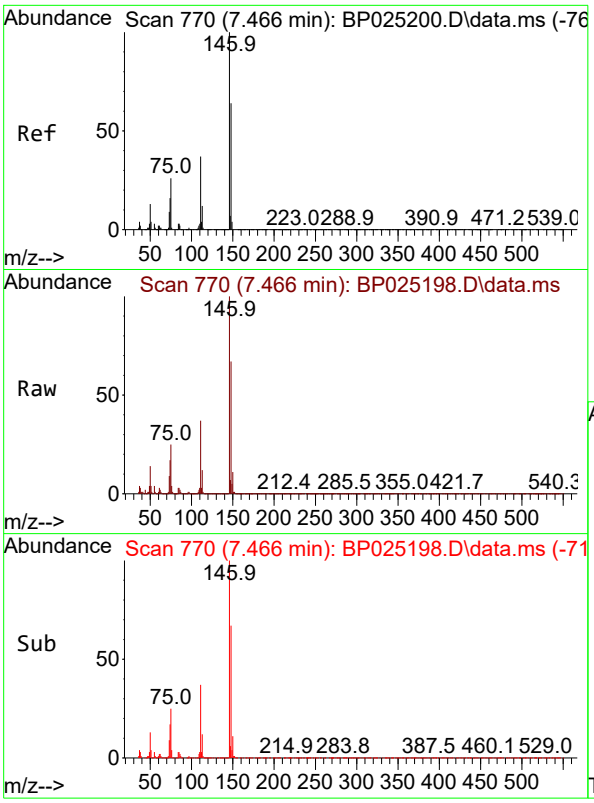




#12
1,3-Dichlorobenzene
Concen: 9.764 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 388508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.0 | 51.4 | 77.0 |
| 75 | 25.3 | 20.6 | 31.0 |



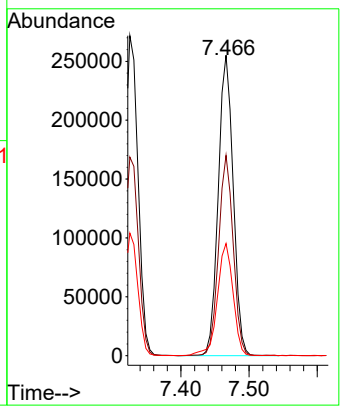


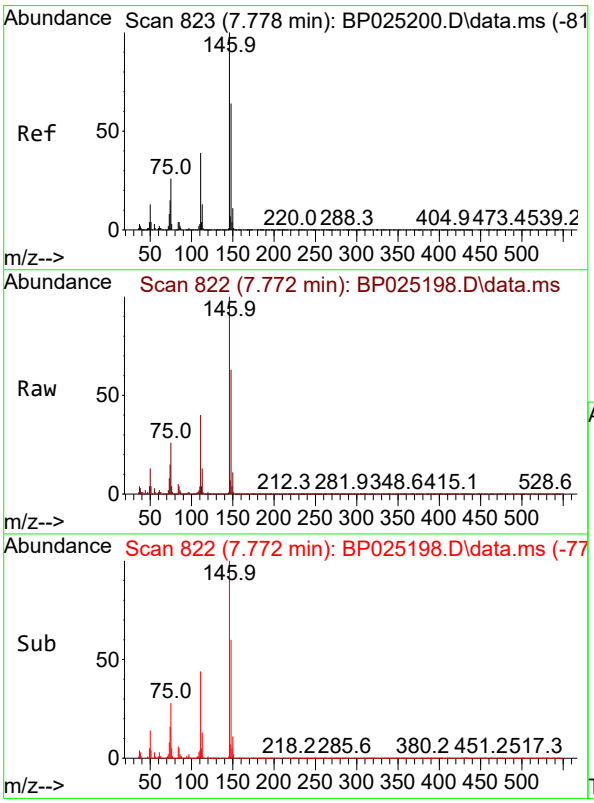

#13
1,4-Dichlorobenzene
Concen: 9.699 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:146 Resp: 389463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.6 | 51.4 | 77.2 |
| 111 | 37.3 | 29.9 | 44.9 |

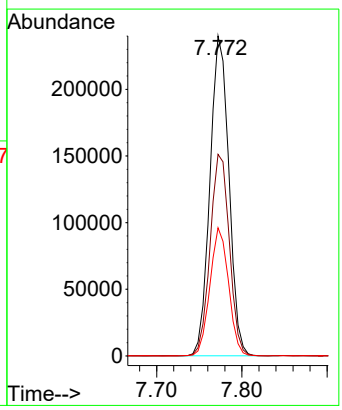


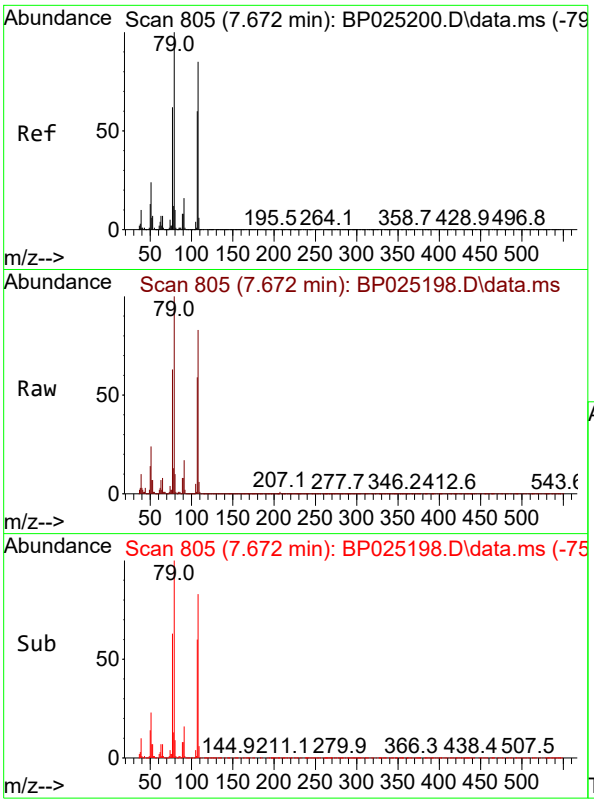




#14
1,2-Dichlorobenzene
Concen: 9.584 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:146 Resp: 369794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 51.5 | 77.3 |
| 111 | 40.0 | 31.3 | 46.9 |



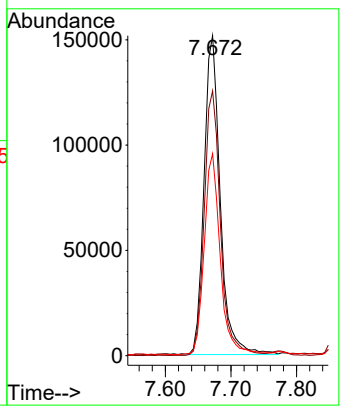


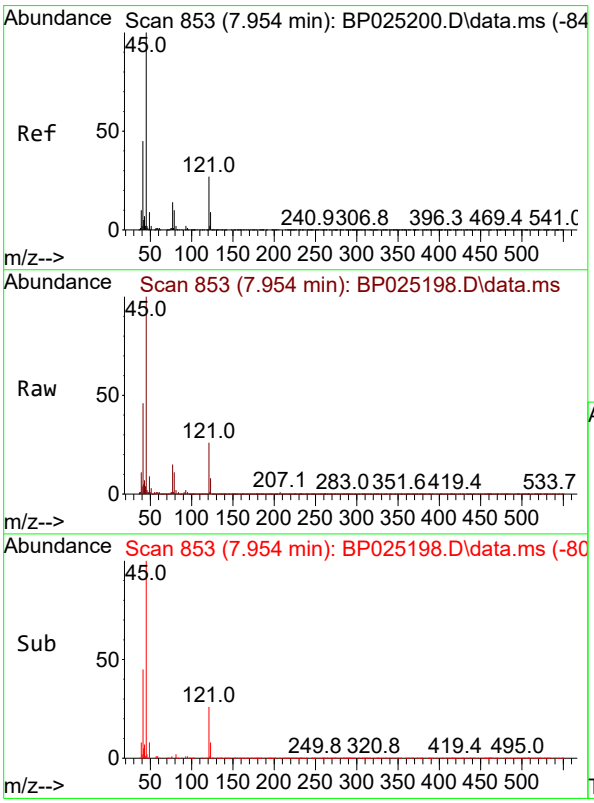

#15
Benzyl Alcohol
Concen: 9.442 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 260442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.7 | 67.8 | 101.6 |
| 77 | 63.1 | 49.9 | 74.9 |

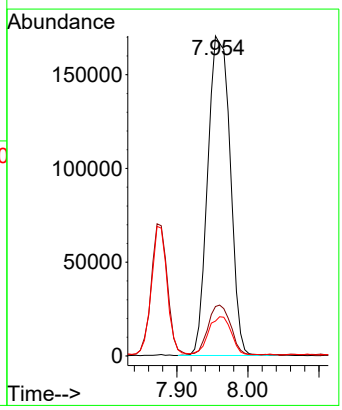


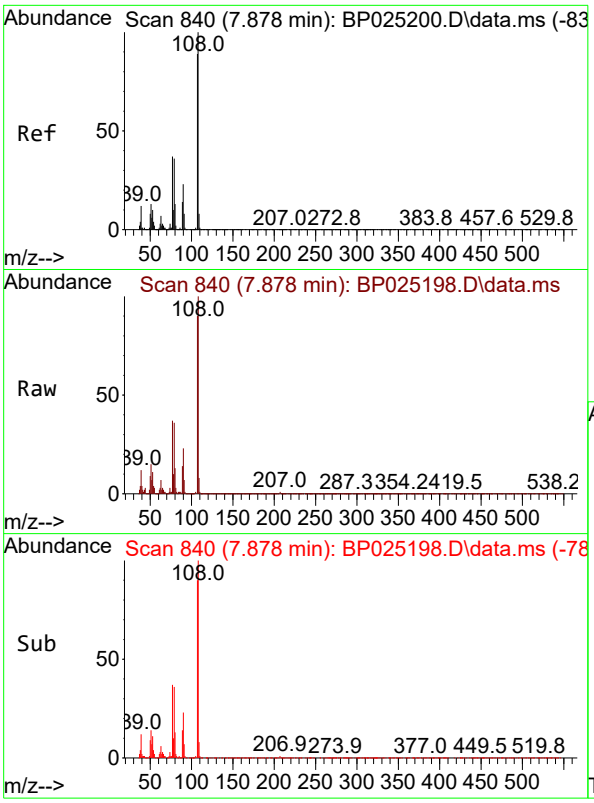




#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.518 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 45 Resp: 373210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.4 | 0.0 | 36.0 |
| 79 | 10.9 | 0.0 | 31.7 |



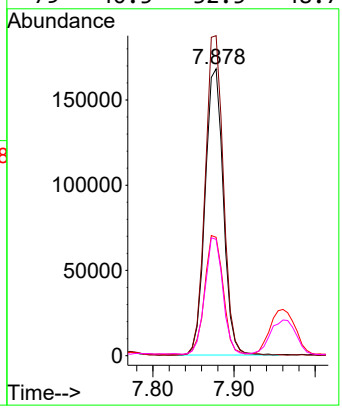


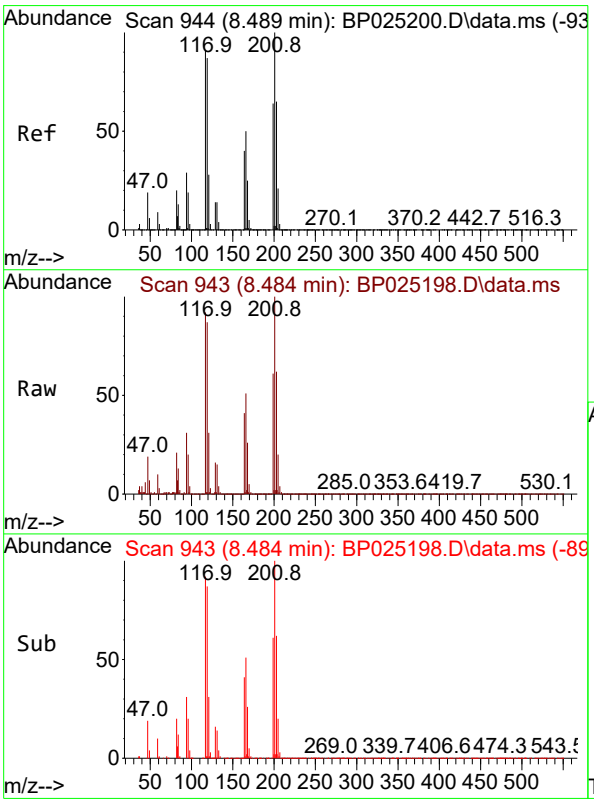

#17
2-Methylphenol
Concen: 9.483 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:107 Resp: 261165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.5 | 89.8 | 134.8 |
| 77 | 41.3 | 33.2 | 49.8 |
| 79 | 40.5 | 32.5 | 48.7 |

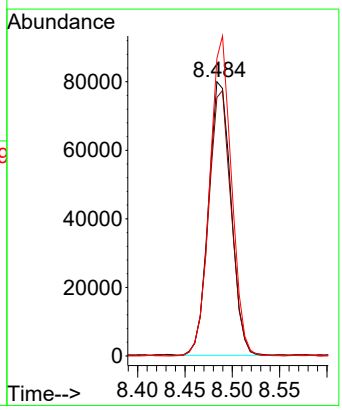


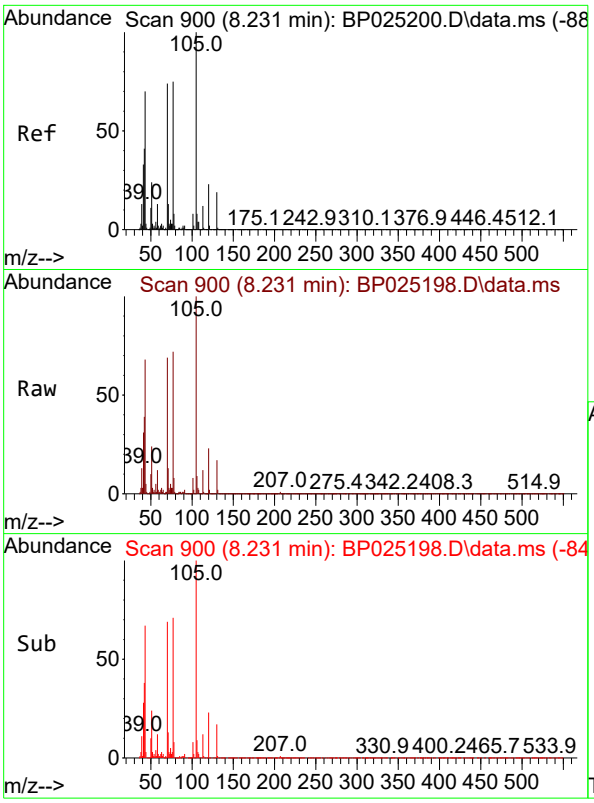




#18
Hexachloroethane
Concen: 9.677 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:117 Resp: 132688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 77.0 | 115.6 |
| 201 | 108.5 | 88.3 | 132.5 |



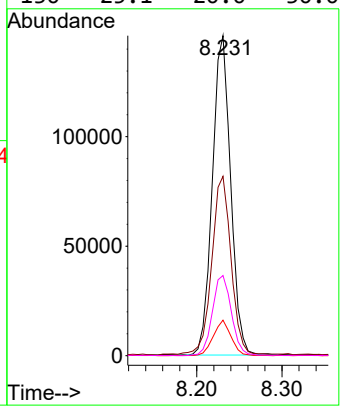


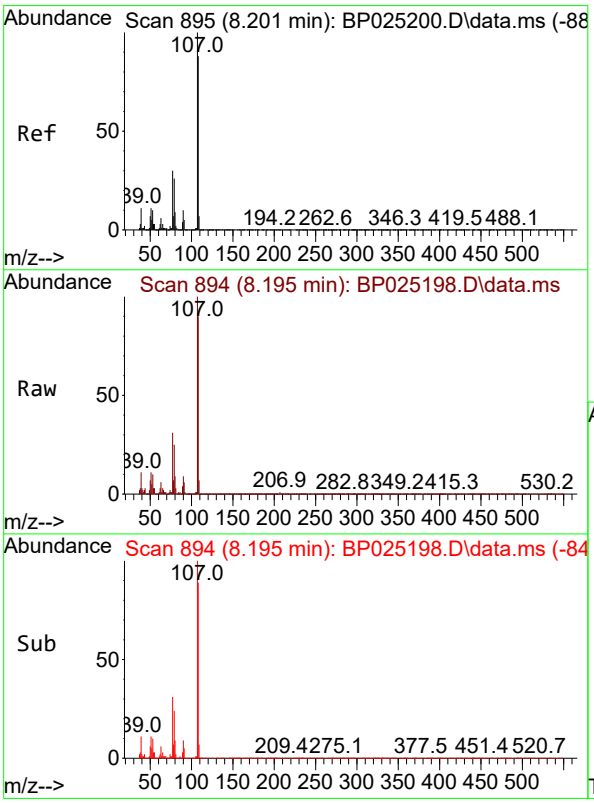

#19
n-Nitroso-di-n-propylamine
Concen: 9.392 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 70 Resp: 217824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.0 | 44.2 | 66.2 |
| 101 | 11.1 | 8.6 | 12.8 |
| 130 | 25.1 | 20.0 | 30.0 |

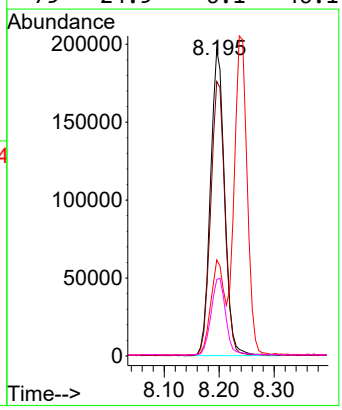


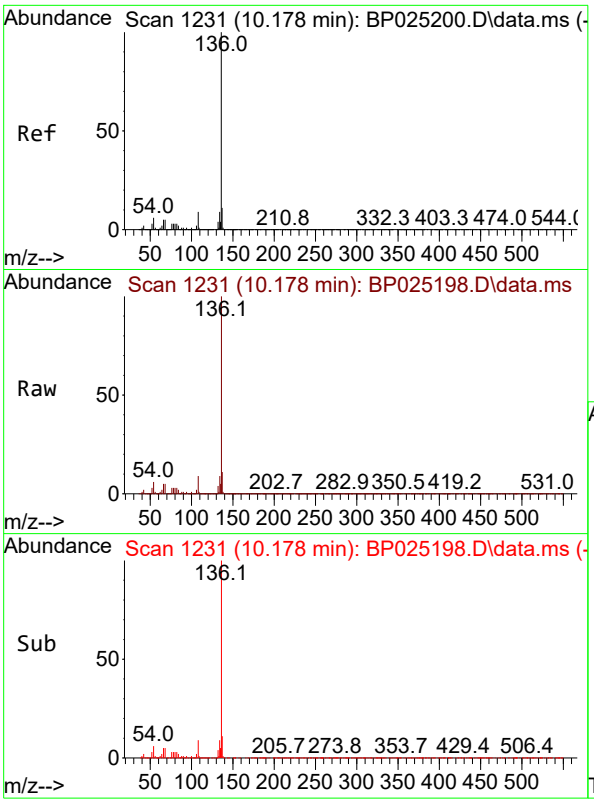




#20
3+4-Methylphenols
Concen: 9.371 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 352479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.6 | 67.8 | 107.8 |
| 77 | 31.3 | 10.3 | 50.3 |
| 79 | 24.9 | 6.1 | 46.1 |



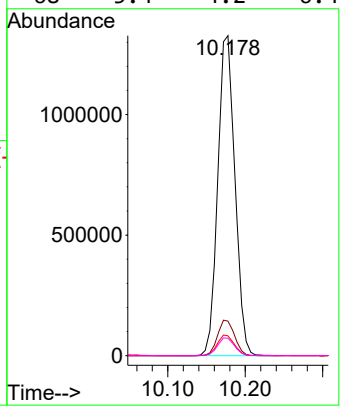


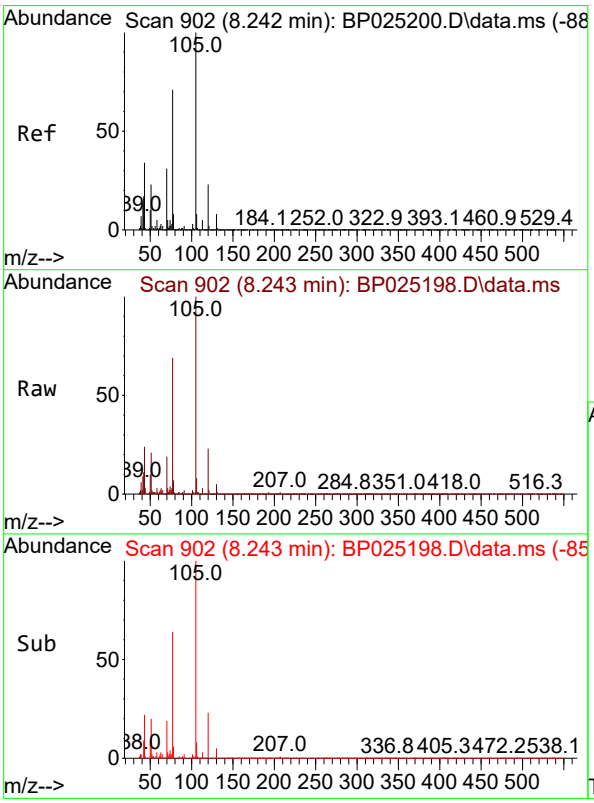

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:136 Resp: 2046616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 6.2 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |

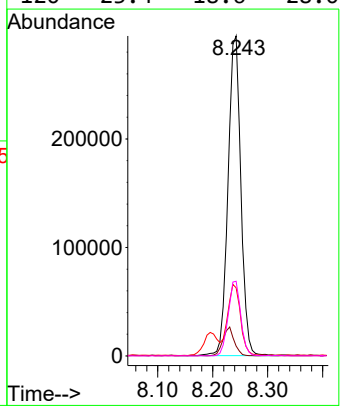


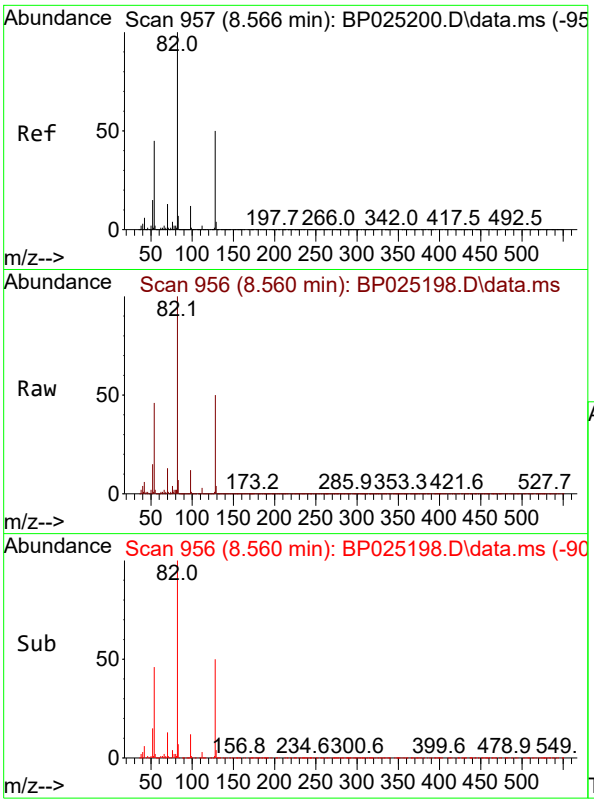




#22
Acetophenone
Concen: 9.878 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:105 Resp: 478842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.1 | 4.1 | 6.1# |
| 51 | 21.3 | 18.5 | 27.7 |
| 120 | 23.4 | 18.6 | 28.0 |



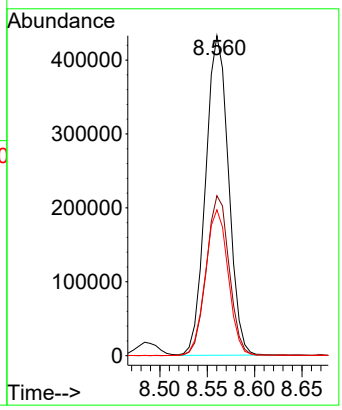


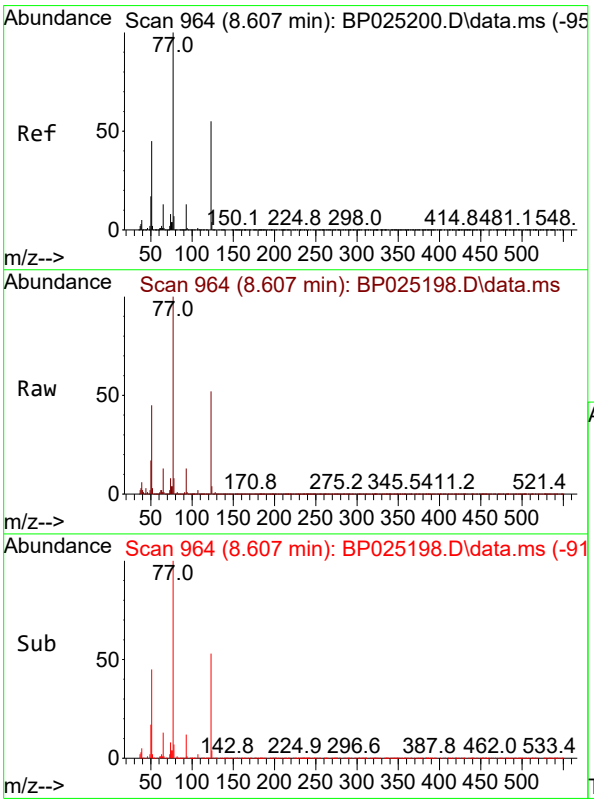

#23
Nitrobenzene-d5
Concen: 19.470 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 726773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.0 | 40.2 | 60.4 |
| 54 | 45.6 | 36.3 | 54.5 |

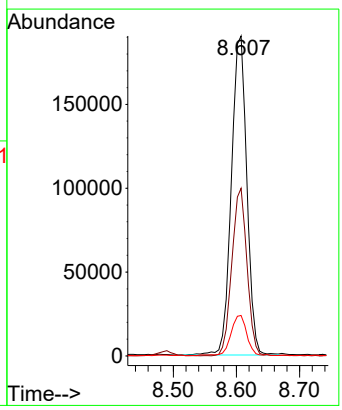


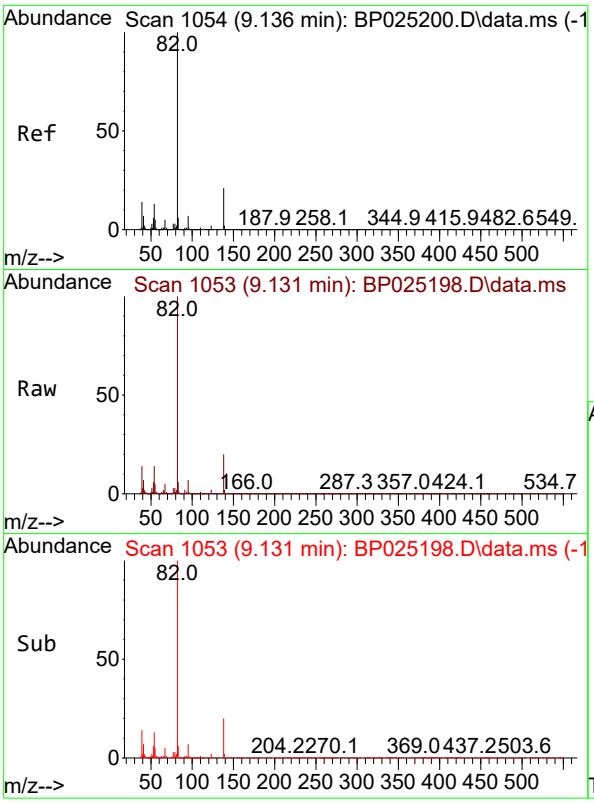




#24
Nitrobenzene
Concen: 9.800 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 77 Resp: 324205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.4 | 43.6 | 65.4 |
| 65 | 12.6 | 10.2 | 15.2 |



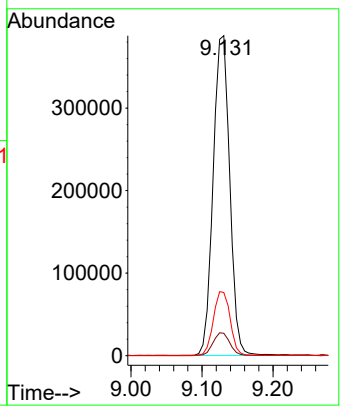


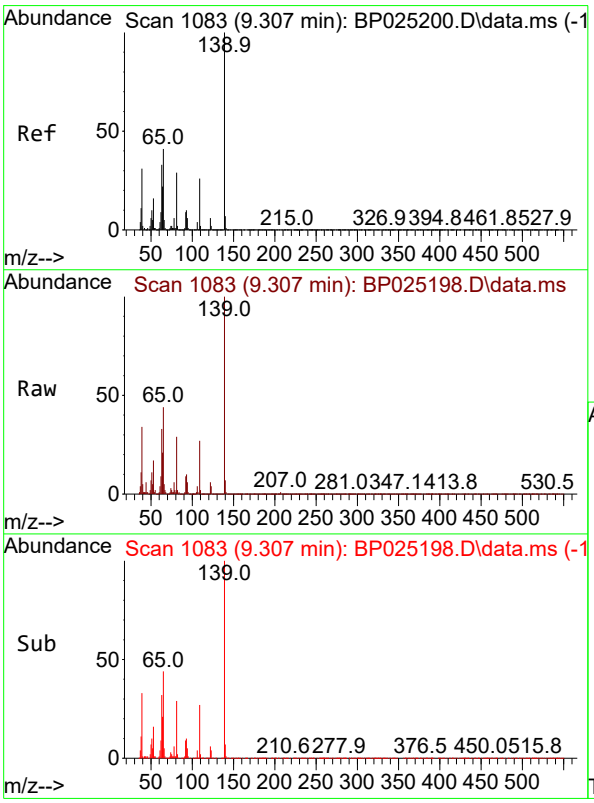

#25
Isophorone
Concen: 9.598 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 627451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 19.8 | 16.6 | 25.0 |

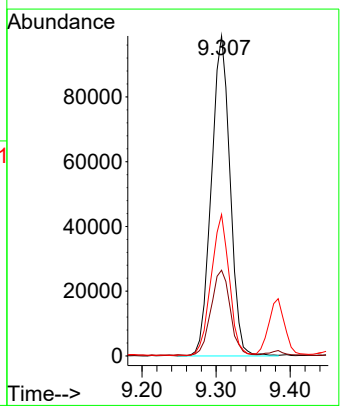


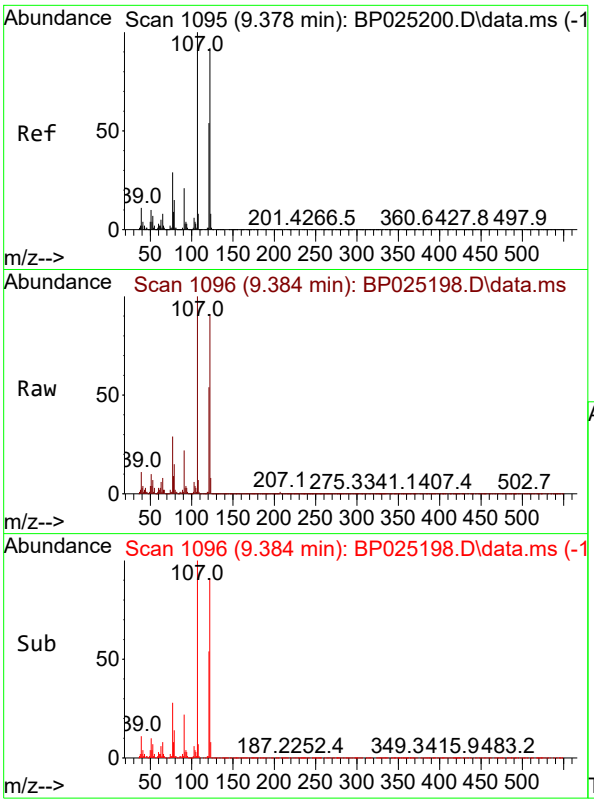




#26
2-Nitrophenol
Concen: 9.287 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 172919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.8 | 21.0 | 31.6 |
| 65 | 44.2 | 32.7 | 49.1 |



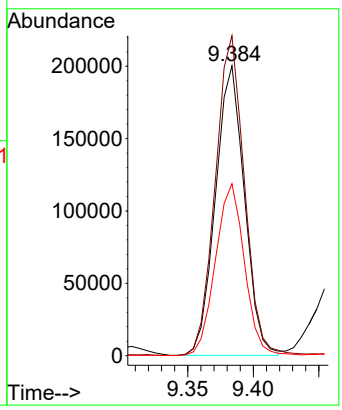


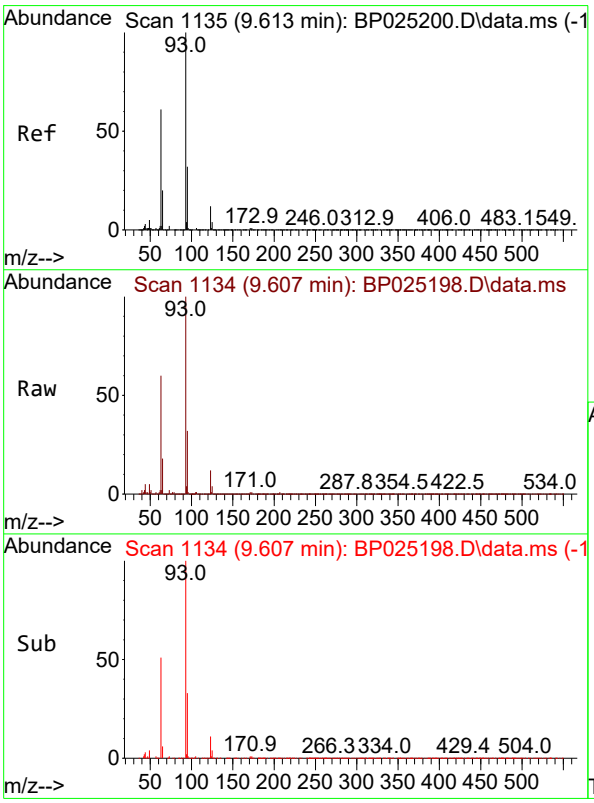

#27
2,4-Dimethylphenol
Concen: 9.690 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:122 Resp: 307178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.4 | 87.0 | 130.4 |
| 121 | 59.3 | 46.7 | 70.1 |

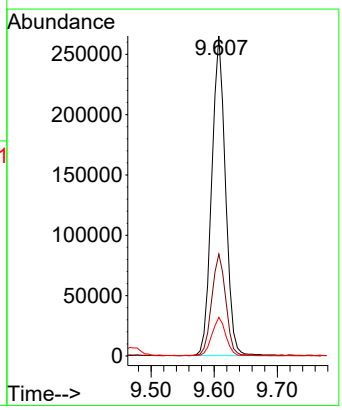


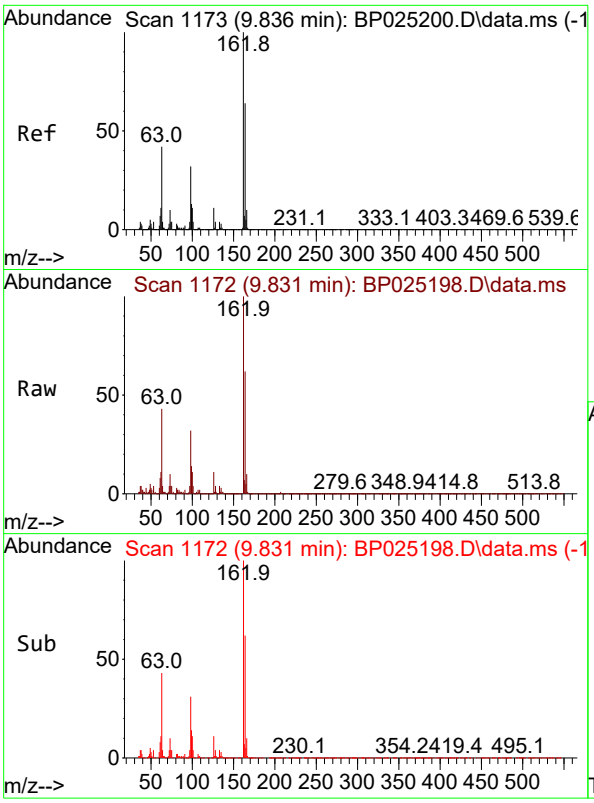




#28
bis(2-Chloroethoxy)methane
Concen: 9.745 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 93 Resp: 399970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 26.0 | 39.0 |
| 123 | 12.1 | 9.8 | 14.6 |



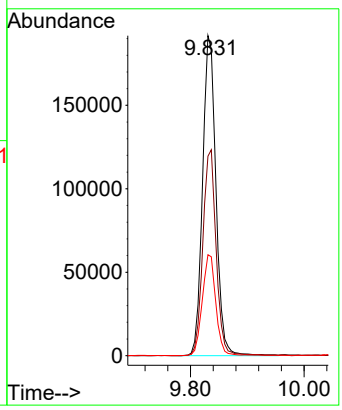


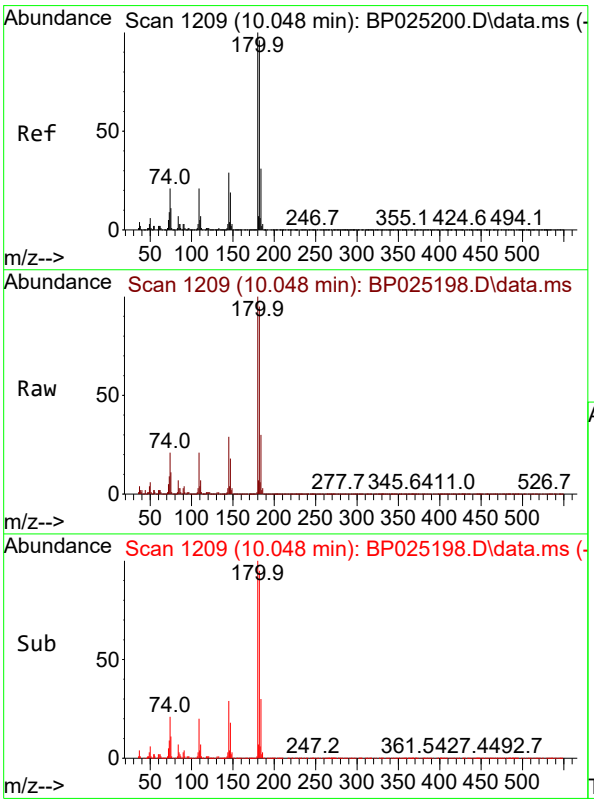

#29
2,4-Dichlorophenol
Concen: 9.603 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 312211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.4 | 44.2 | 84.2 |
| 98 | 31.6 | 11.7 | 51.7 |

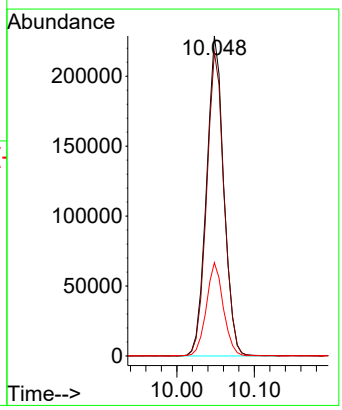


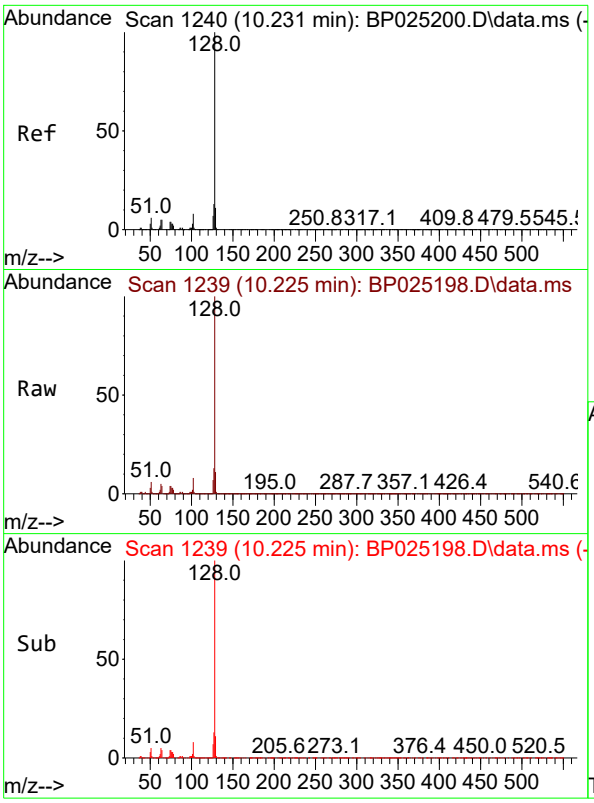




#30
1,2,4-Trichlorobenzene
Concen: 9.881 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:180 Resp: 353497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 76.7 | 115.1 |
| 145 | 29.2 | 23.5 | 35.3 |



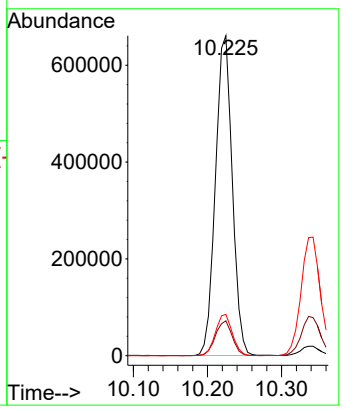


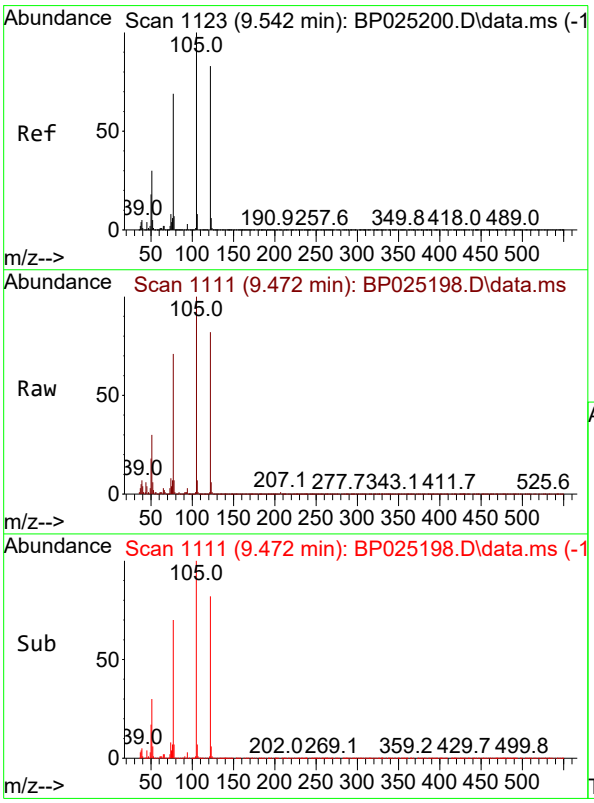

#31
Naphthalene
Concen: 9.771 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:128 Resp: 1041389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.4 |
| 127 | 12.9 | 10.4 | 15.6 |

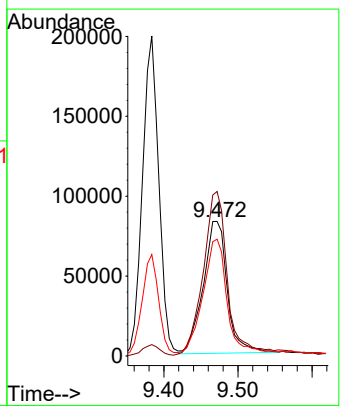


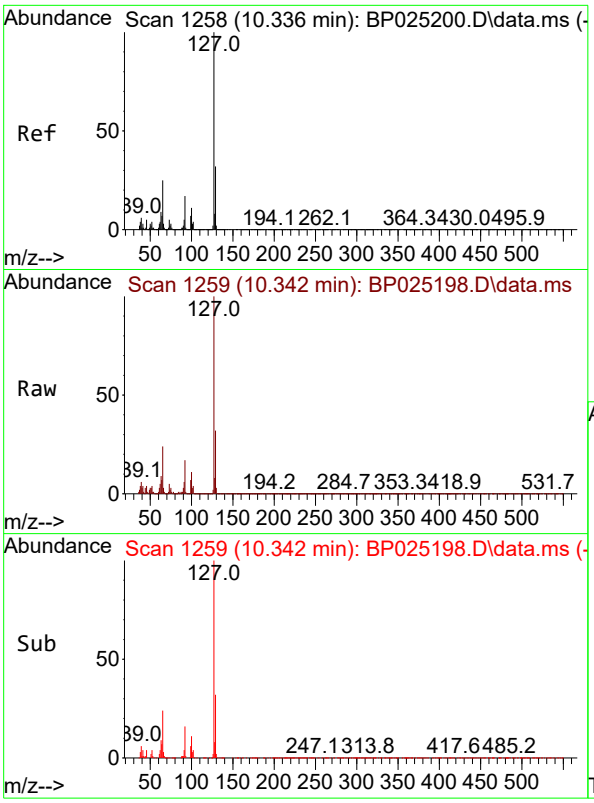




#32
Benzoic acid
Concen: 8.056 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.070 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:122 Resp: 186508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.2 | 98.1 | 138.1 |
| 77 | 86.8 | 62.7 | 102.7 |



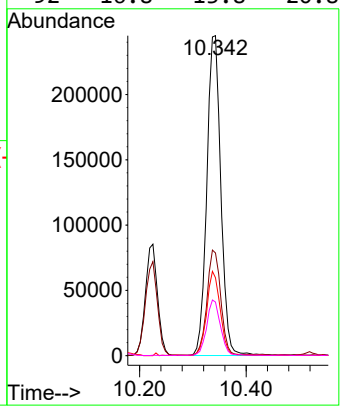


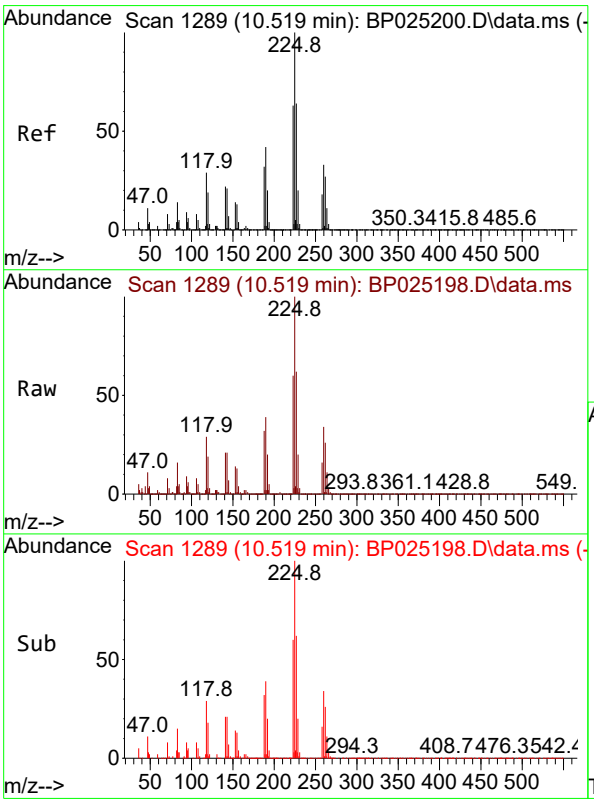

#33
4-Chloroaniline
Concen: 9.674 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:127 Resp: 447675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 25.9 | 38.9 |
| 65 | 24.4 | 20.2 | 30.4 |
| 92 | 16.8 | 13.8 | 20.8 |

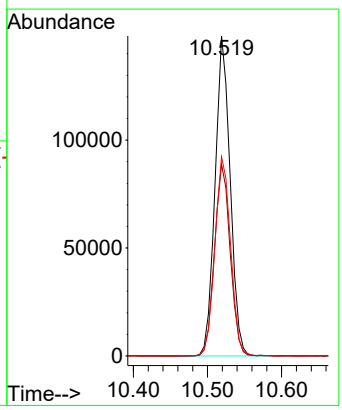


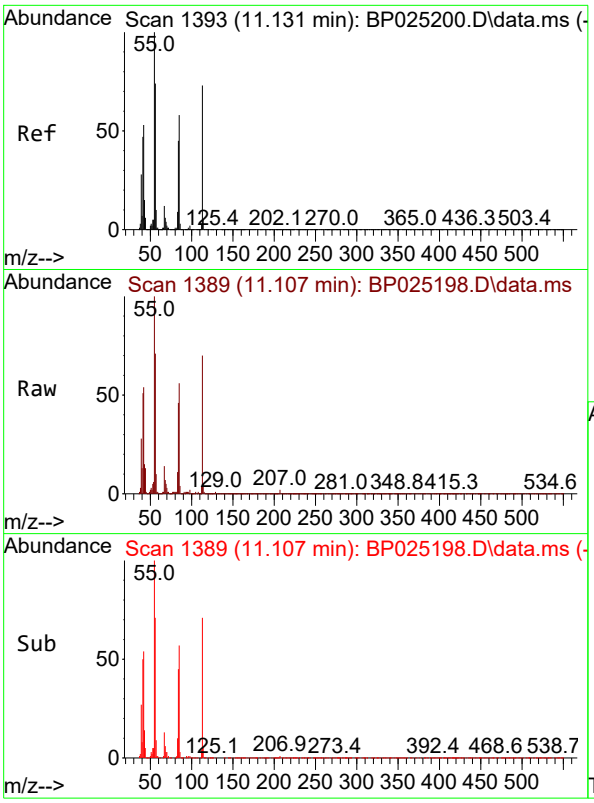




#34
Hexachlorobutadiene
Concen: 9.775 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:225 Resp: 210009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.9 | 50.1 | 75.1 |
| 227 | 62.2 | 51.4 | 77.0 |



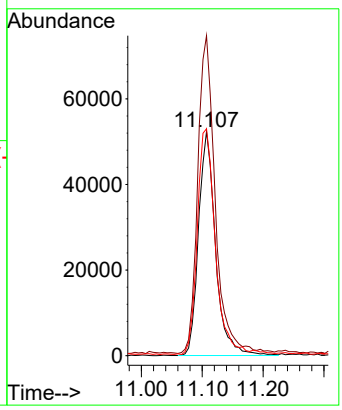


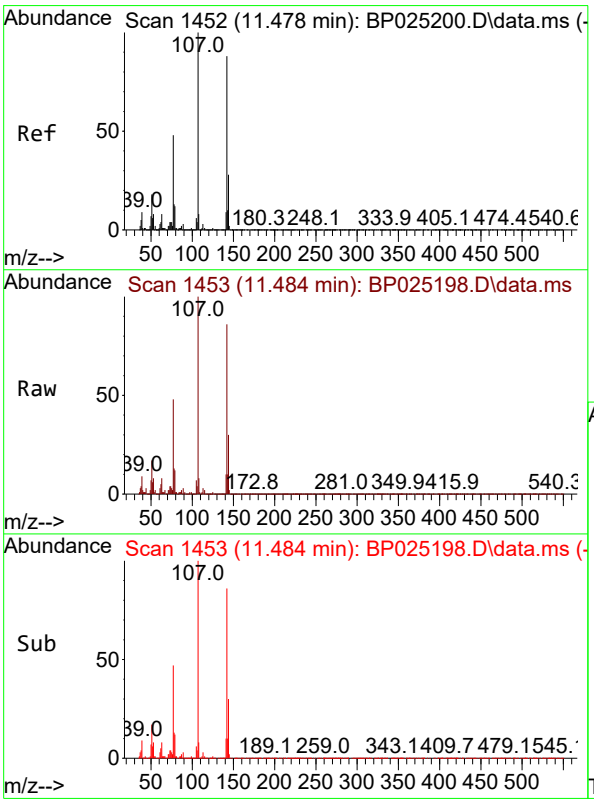

#35
Caprolactam
Concen: 9.495 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:113 Resp: 101593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 142.7 | 117.6 | 157.6 |
| 56 | 101.2 | 82.4 | 122.4 |

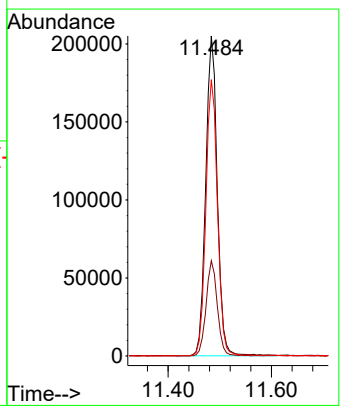


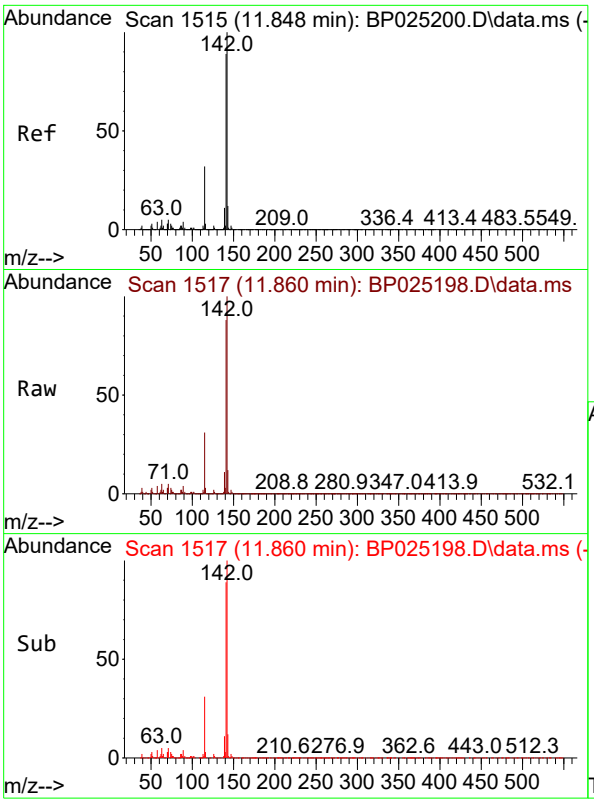




#36
4-Chloro-3-methylphenol
Concen: 9.801 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:107 Resp: 318251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.8 | 22.5 | 33.7 |
| 142 | 86.3 | 70.6 | 105.8 |



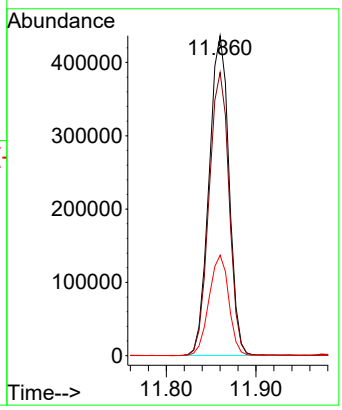


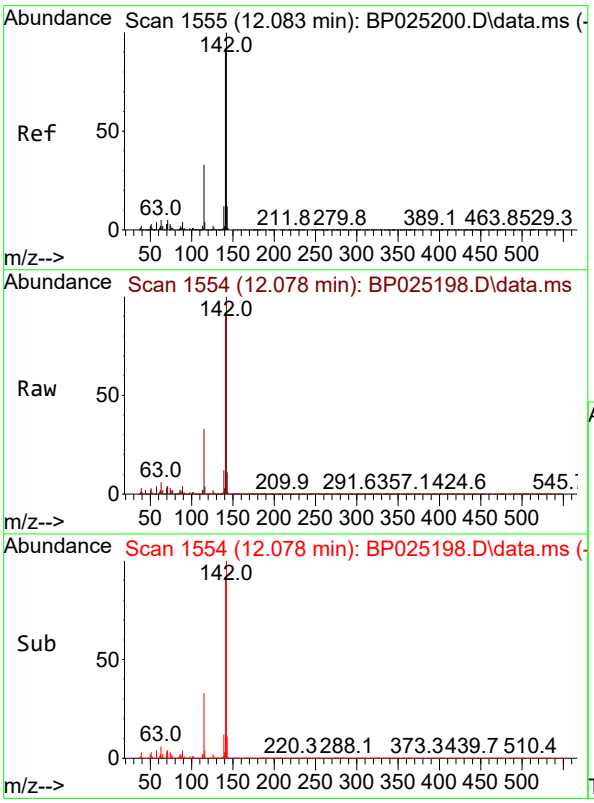

#37
2-Methylnaphthalene
Concen: 9.778 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:142 Resp: 674086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 71.2 | 106.8 |
| 115 | 31.4 | 25.3 | 37.9 |

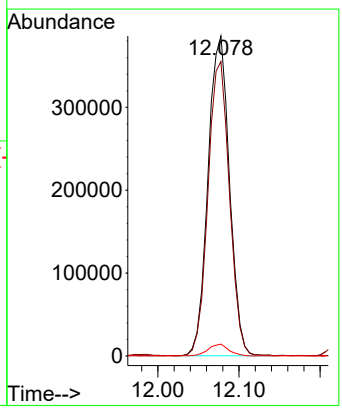


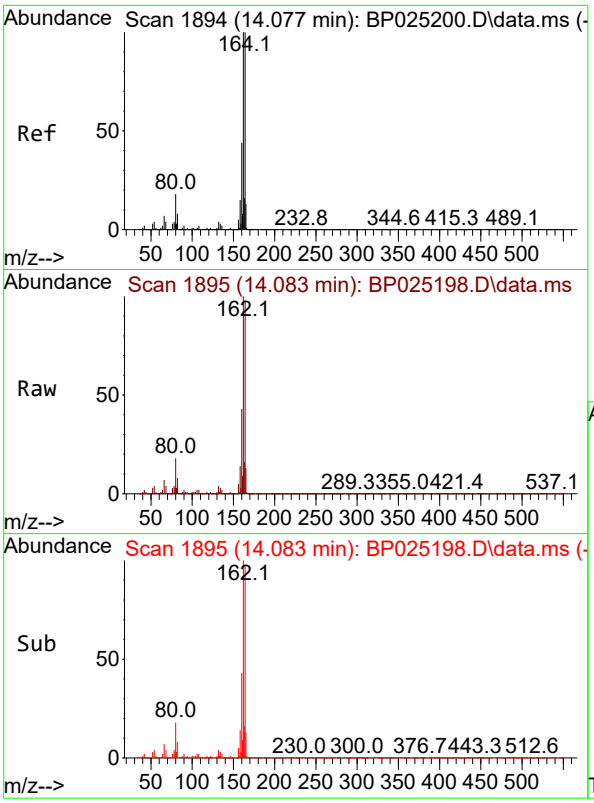




#38
1-Methylnaphthalene
Concen: 9.738 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:142 Resp: 708010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.8 | 110.8 |
| 116 | 3.7 | 2.8 | 4.2 |



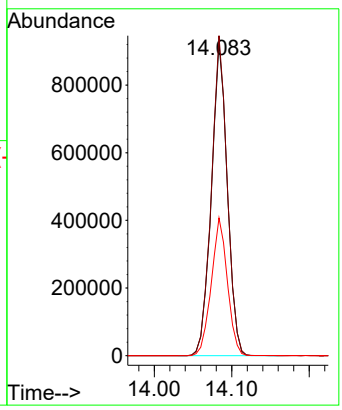


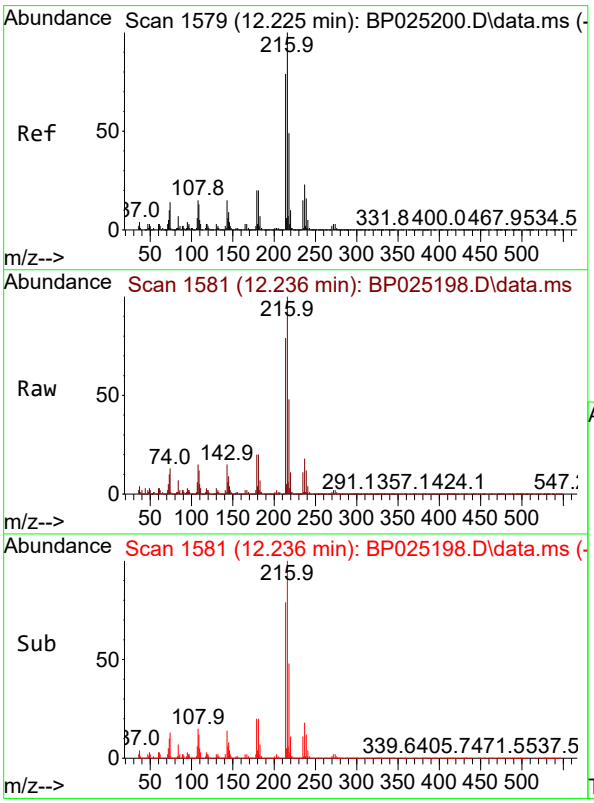

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:164 Resp: 1320566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |

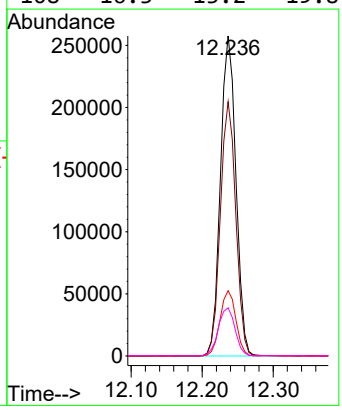


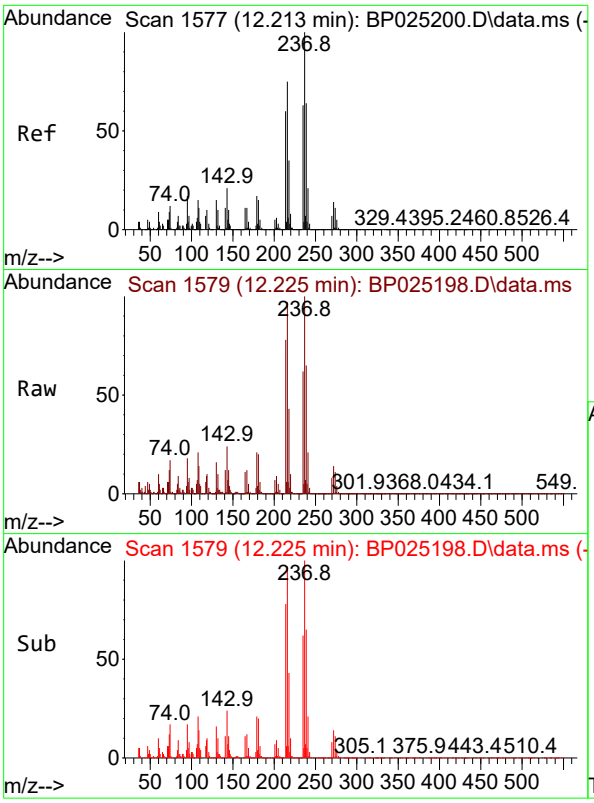




#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.708 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:216 Resp: 388223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 62.7 | 94.1 |
| 179 | 20.8 | 16.2 | 24.4 |
| 108 | 16.3 | 13.2 | 19.8 |



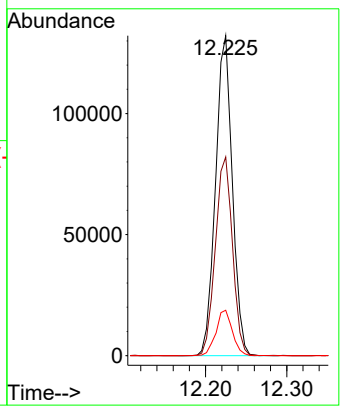


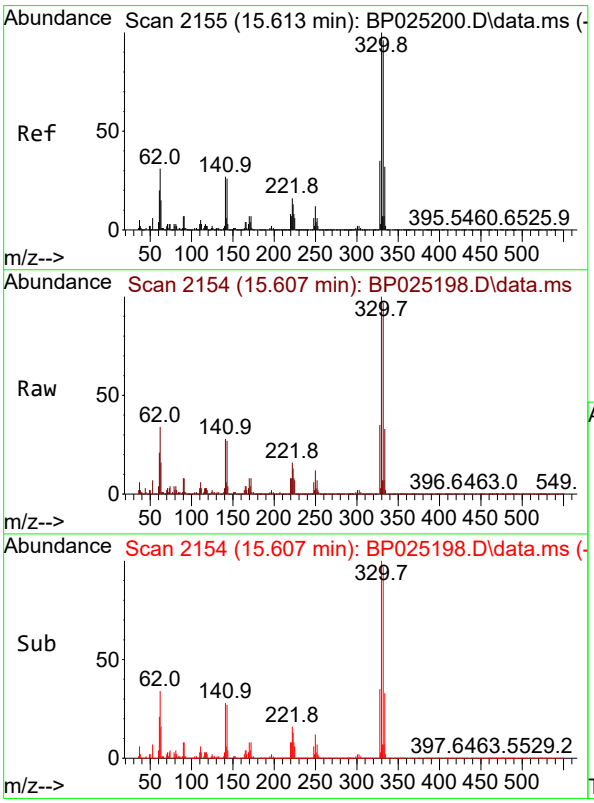

#41
Hexachlorocyclopentadiene
Concen: 8.380 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:237 Resp: 190047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.1 | 42.7 | 82.7 |
| 272 | 14.2 | 0.0 | 33.6 |

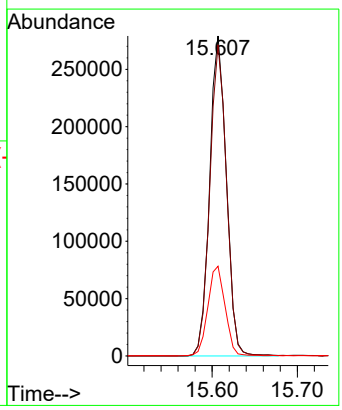


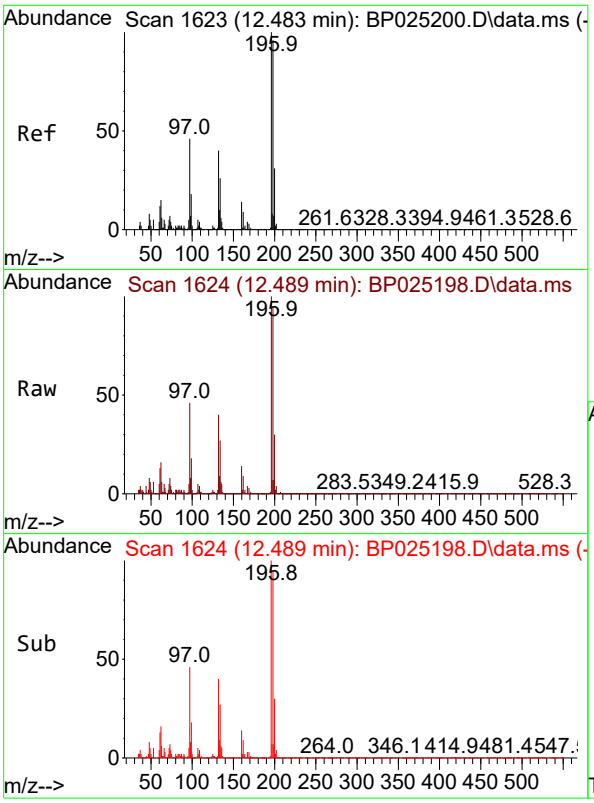




#42
2,4,6-Tribromophenol
Concen: 19.375 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:330 Resp: 380466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.1 | 115.7 |
| 141 | 28.8 | 22.4 | 33.6 |



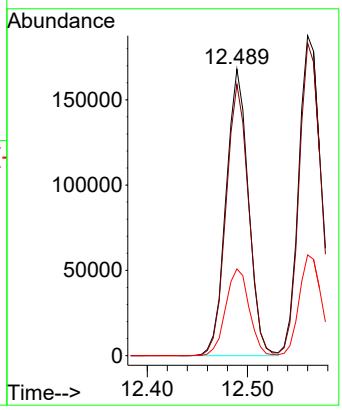


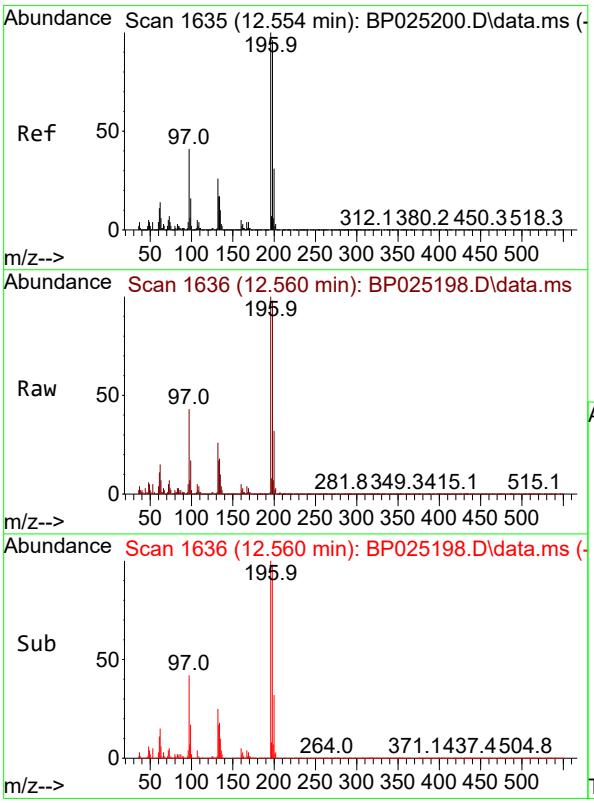

#43
2,4,6-Trichlorophenol
Concen: 9.640 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:196 Resp: 260478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.6 | 114.8 |
| 200 | 30.3 | 24.7 | 37.1 |

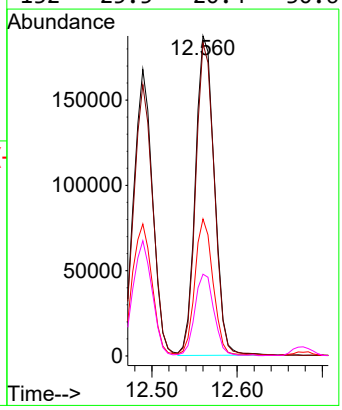


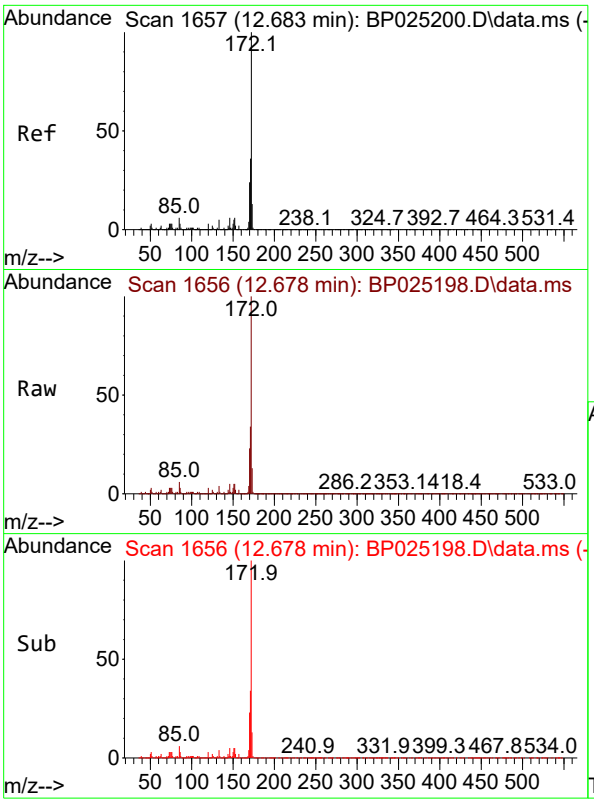




#44
2,4,5-Trichlorophenol
Concen: 9.717 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:196 Resp: 289420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 76.7 | 115.1 |
| 97 | 42.8 | 33.0 | 49.4 |
| 132 | 25.5 | 20.4 | 30.6 |



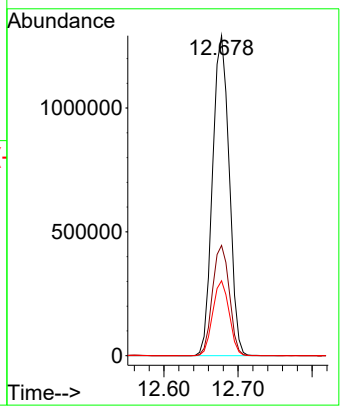


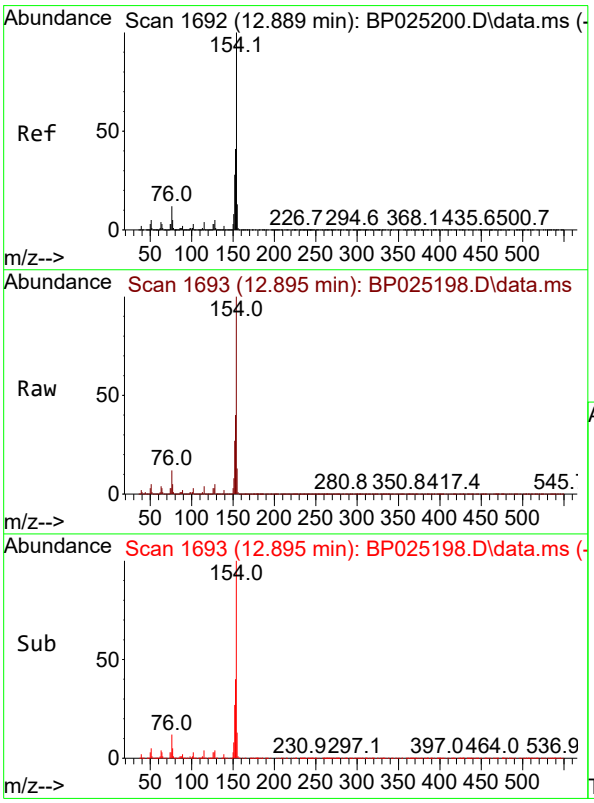

#45
2-Fluorobiphenyl
Concen: 20.189 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:172 Resp: 2013844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.8 | 43.2 |
| 170 | 23.4 | 19.2 | 28.8 |

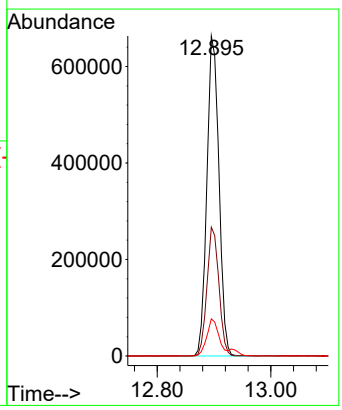


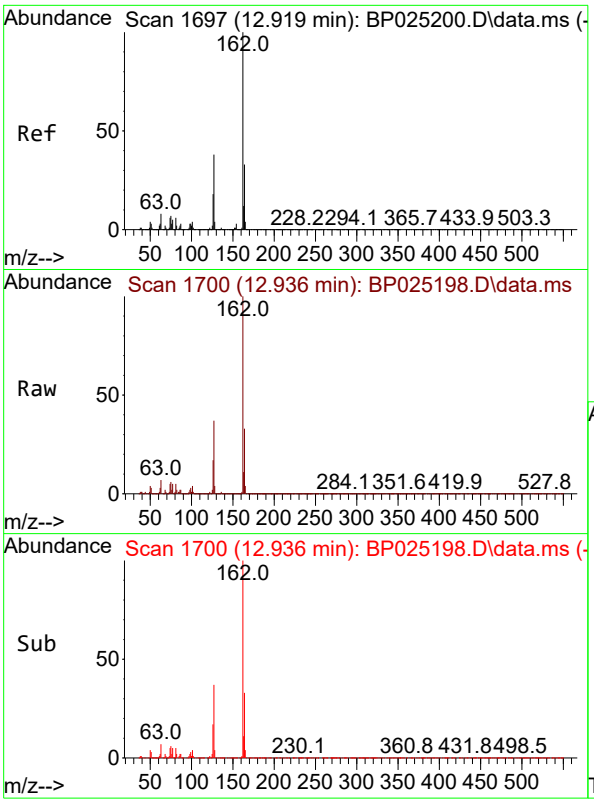




#46
1,1'-Biphenyl
Concen: 9.969 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 973396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.8 | 60.8 |
| 76 | 11.6 | 0.0 | 31.6 |



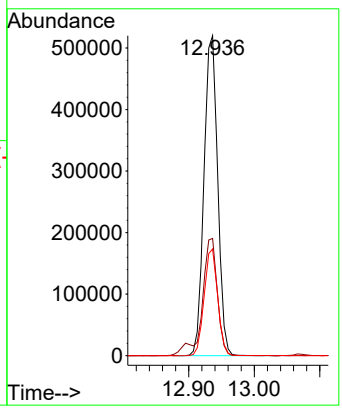


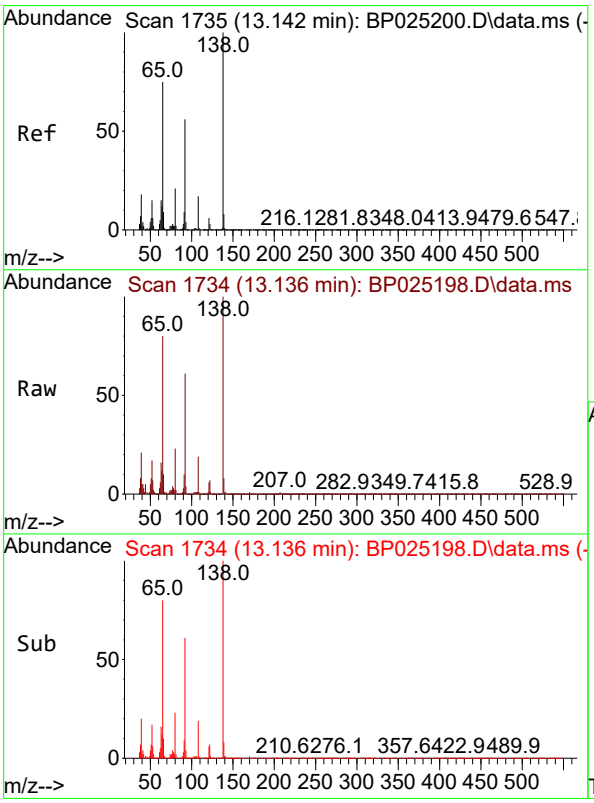

#47
2-Chloronaphthalene
Concen: 9.989 ng
RT: 12.936 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 755649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.6 | 30.1 | 45.1 |
| 164 | 33.3 | 26.5 | 39.7 |

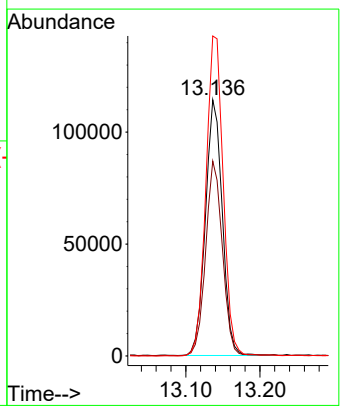


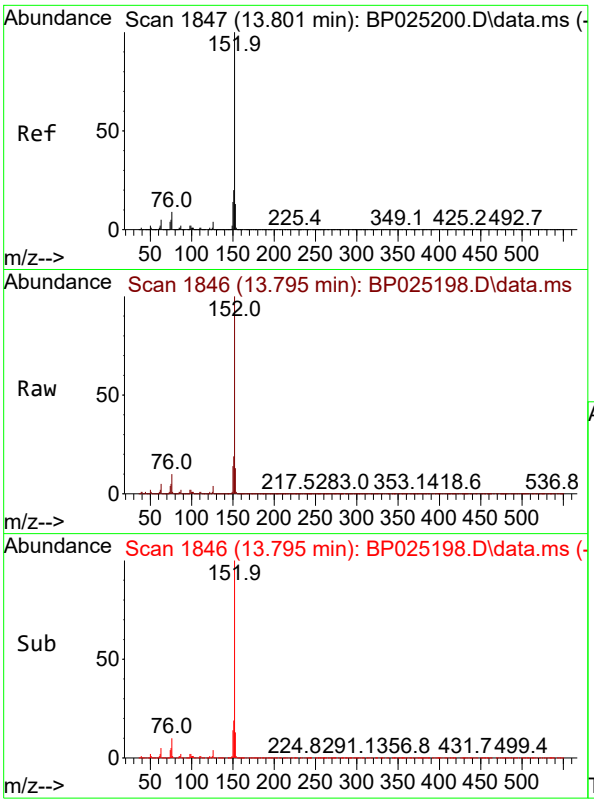




#48
2-Nitroaniline
Concen: 9.541 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion: 65 Resp: 181056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.1 | 59.9 | 89.9 |
| 138 | 124.9 | 107.1 | 160.7 |



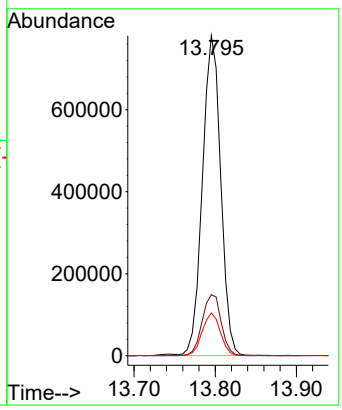


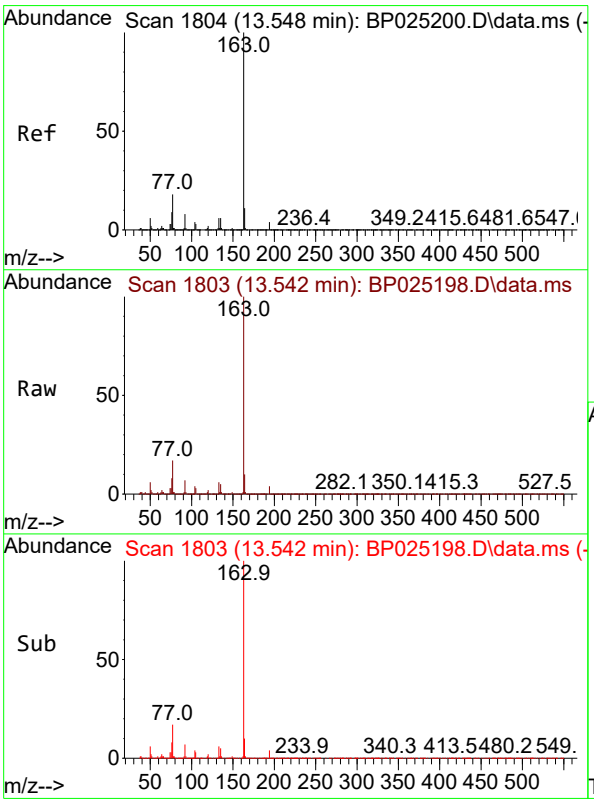

#49
Acenaphthylene
Concen: 9.811 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 1217151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |

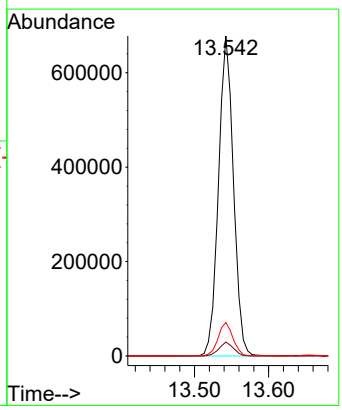


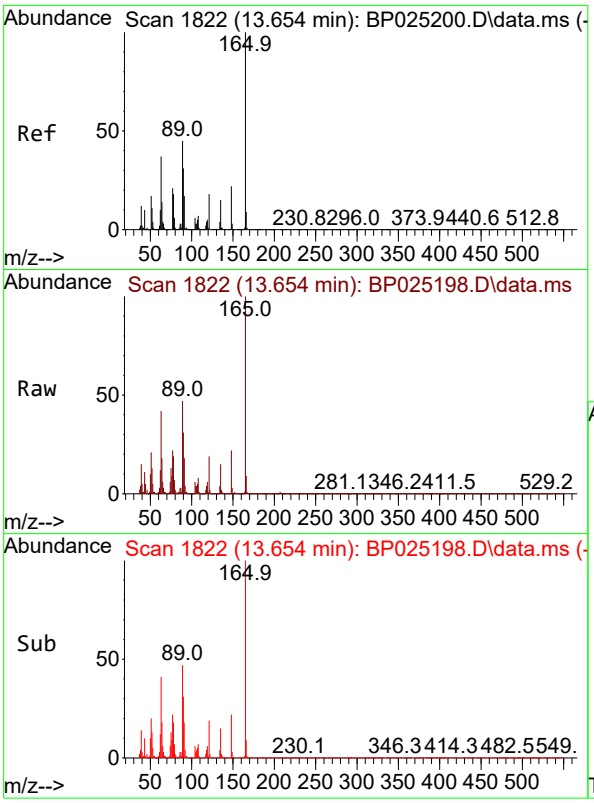




#50
Dimethylphthalate
Concen: 9.858 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:163 Resp: 949801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.3 | 4.9 |
| 164 | 10.5 | 8.5 | 12.7 |



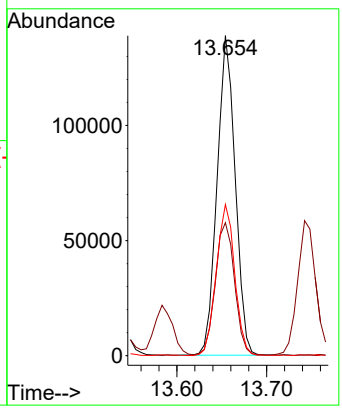


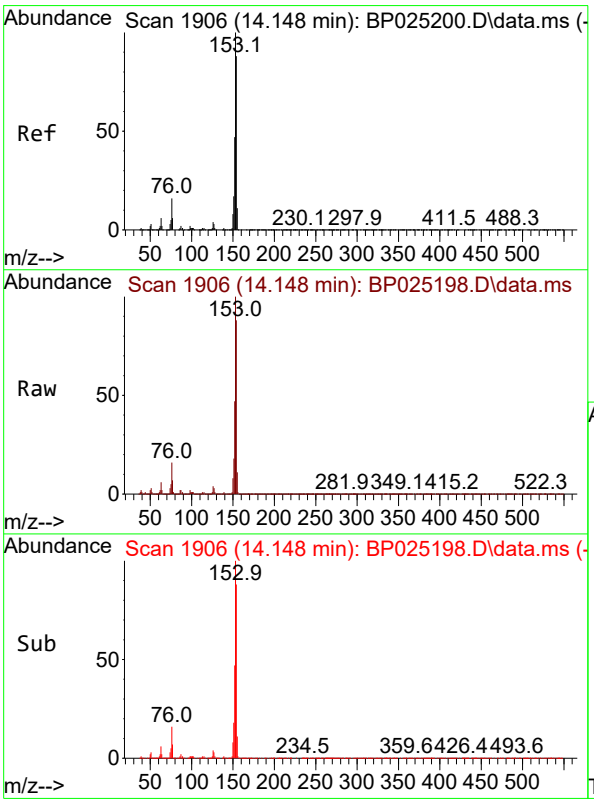

#51
2,6-Dinitrotoluene
Concen: 9.537 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 194525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.6 | 33.4 | 50.2 |
| 89 | 47.2 | 36.3 | 54.5 |

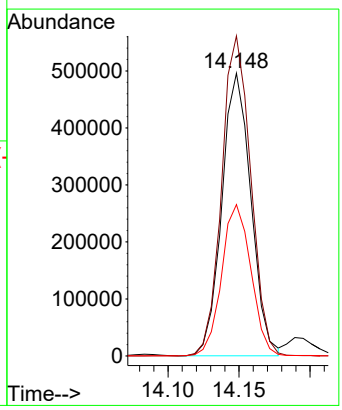


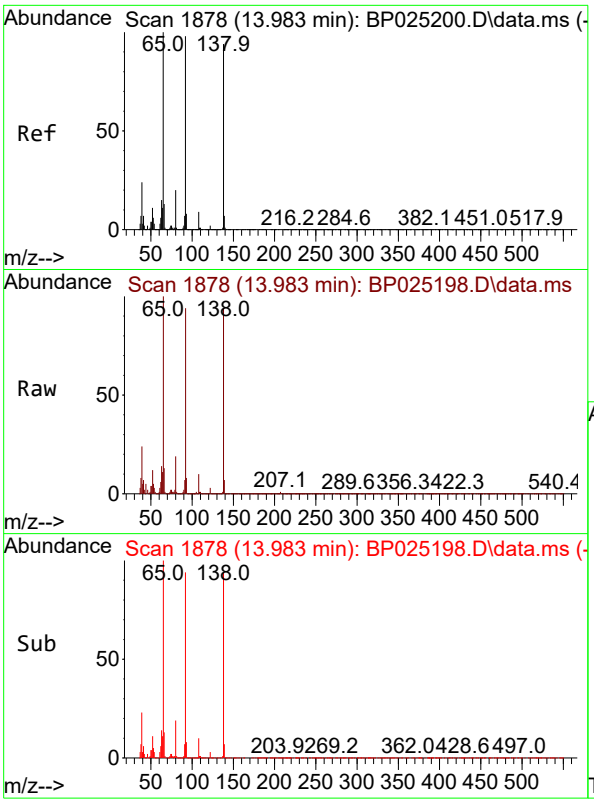




#52
Acenaphthene
Concen: 9.875 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:154 Resp: 705723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.7 | 136.1 |
| 152 | 53.5 | 42.9 | 64.3 |



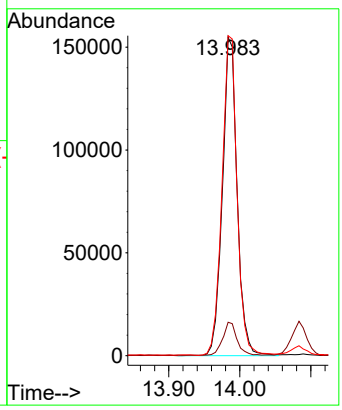


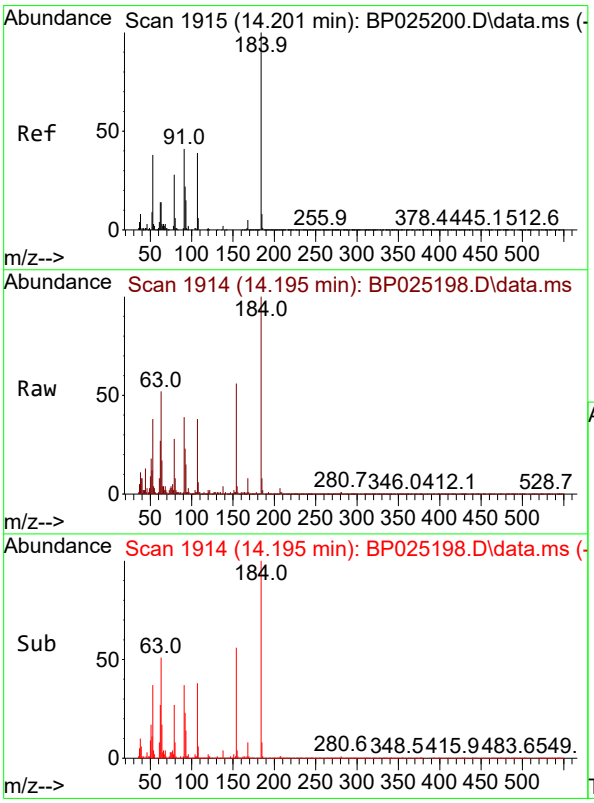

#53
3-Nitroaniline
Concen: 9.668 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:138 Resp: 222495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 7.5 | 11.3 |
| 92 | 100.5 | 83.2 | 124.8 |

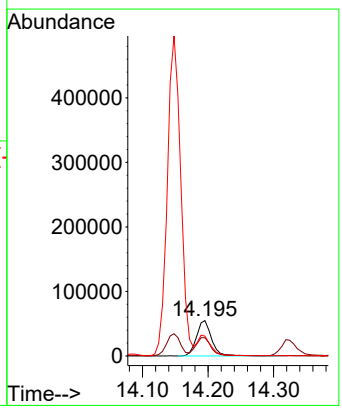


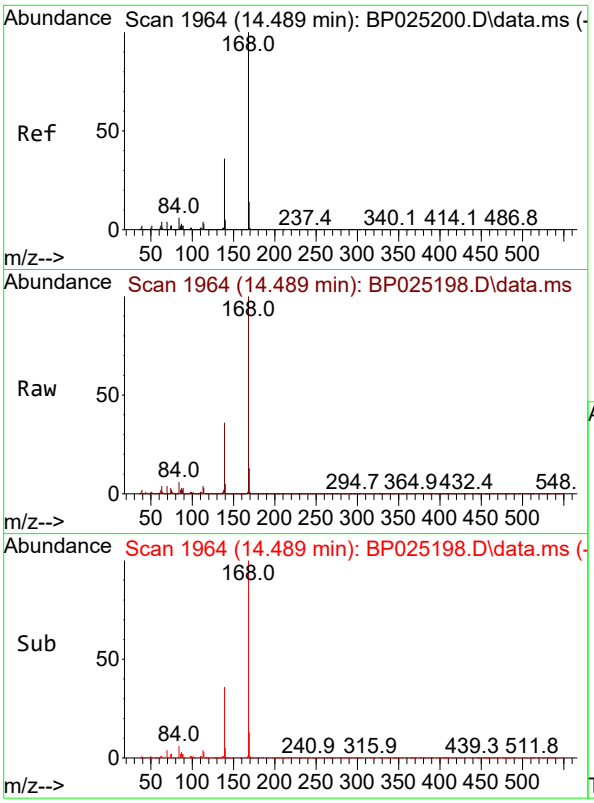




#54
2,4-Dinitrophenol
Concen: 7.708 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:184 Resp: 88097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.6 | 41.8 | 62.8 |
| 154 | 56.1 | 45.7 | 68.5 |



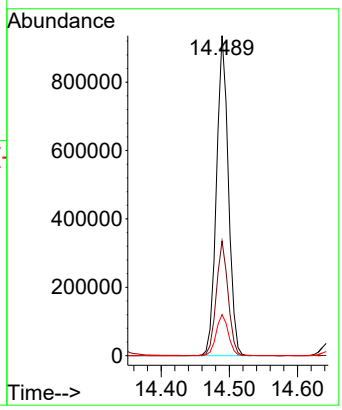


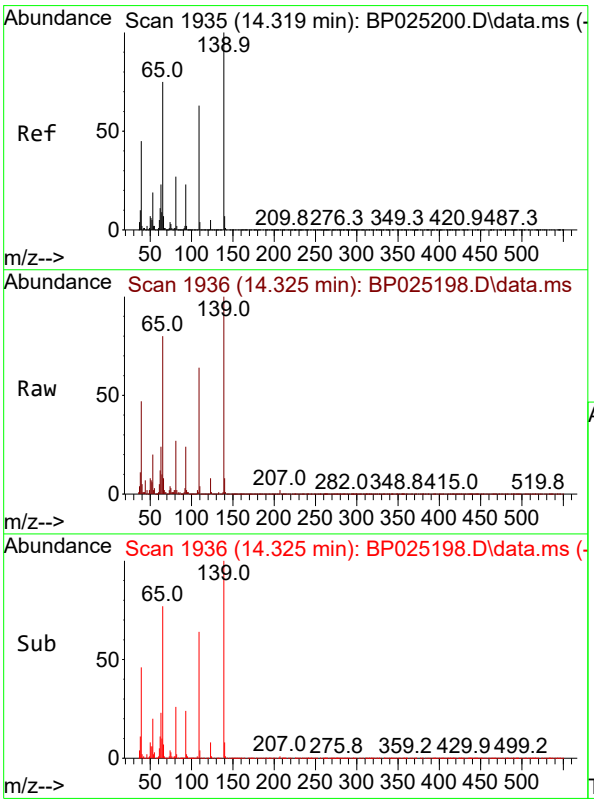

#55
Dibenzofuran
Concen: 9.821 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:168 Resp: 1136303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.8 | 28.7 | 43.1 |
| 169 | 12.9 | 10.9 | 16.3 |

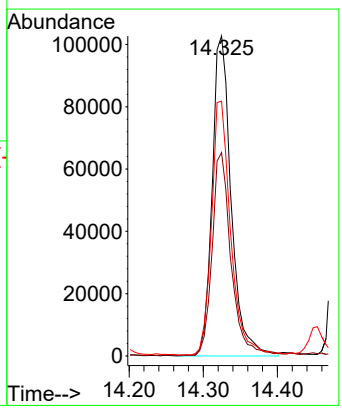


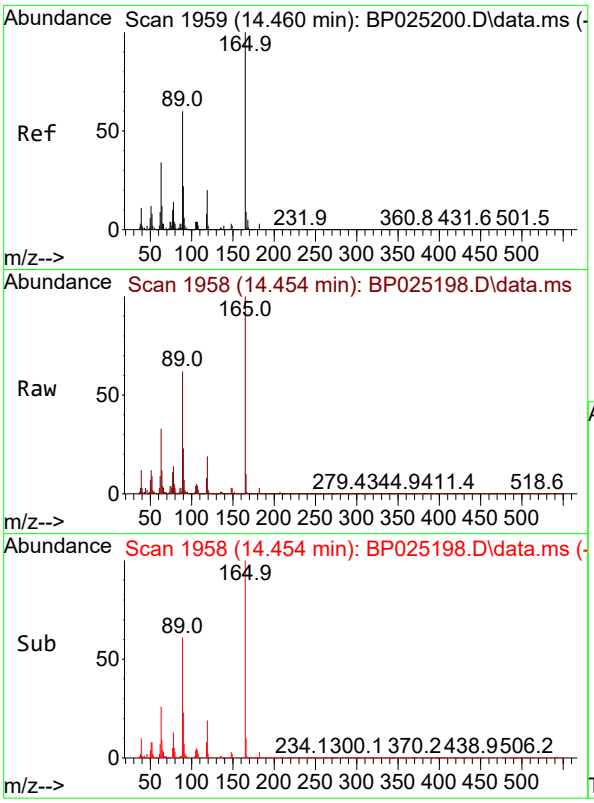




#56
4-Nitrophenol
Concen: 9.316 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:139 Resp: 182691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.5 | 42.6 | 82.6 |
| 65 | 79.6 | 55.4 | 95.4 |



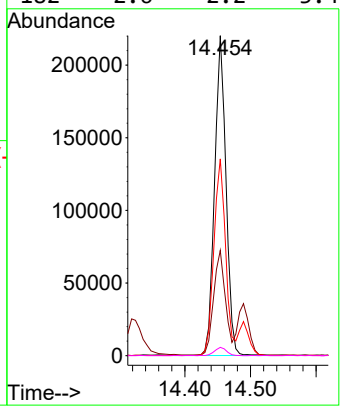


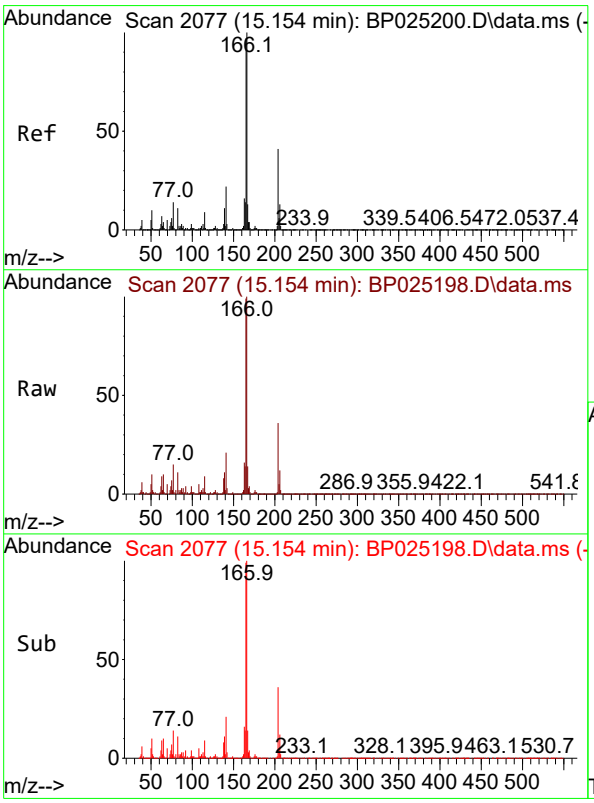

#57
2,4-Dinitrotoluene
Concen: 9.342 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 265442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.9 | 27.0 | 40.4 |
| 89 | 61.5 | 47.8 | 71.6 |
| 182 | 2.6 | 2.2 | 3.4 |

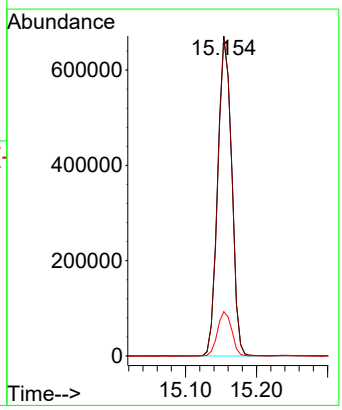


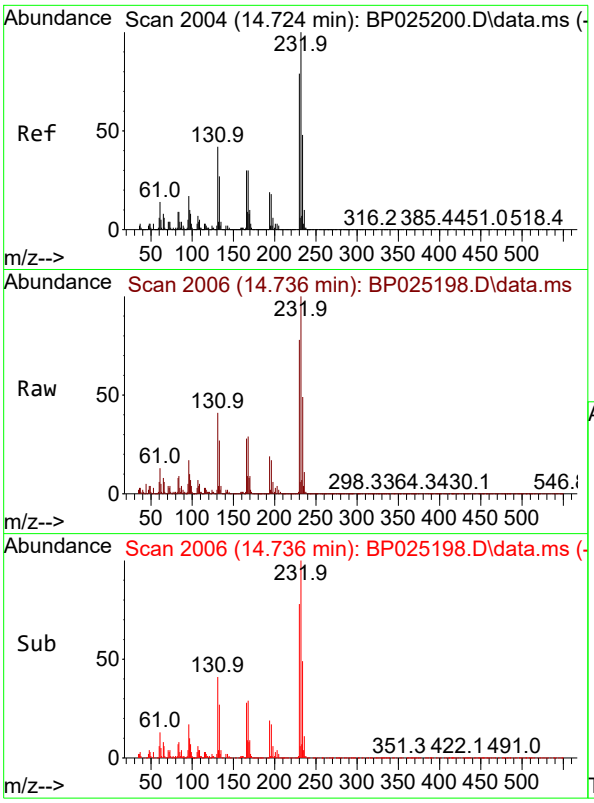




#58
Fluorene
Concen: 9.892 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:166 Resp: 912923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 78.0 | 117.0 |
| 167 | 13.8 | 10.7 | 16.1 |



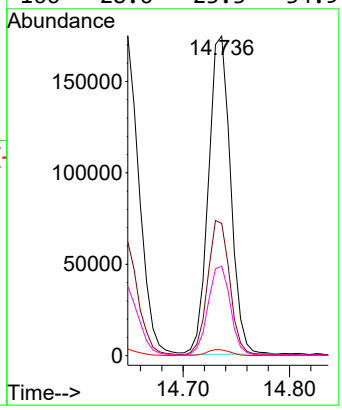


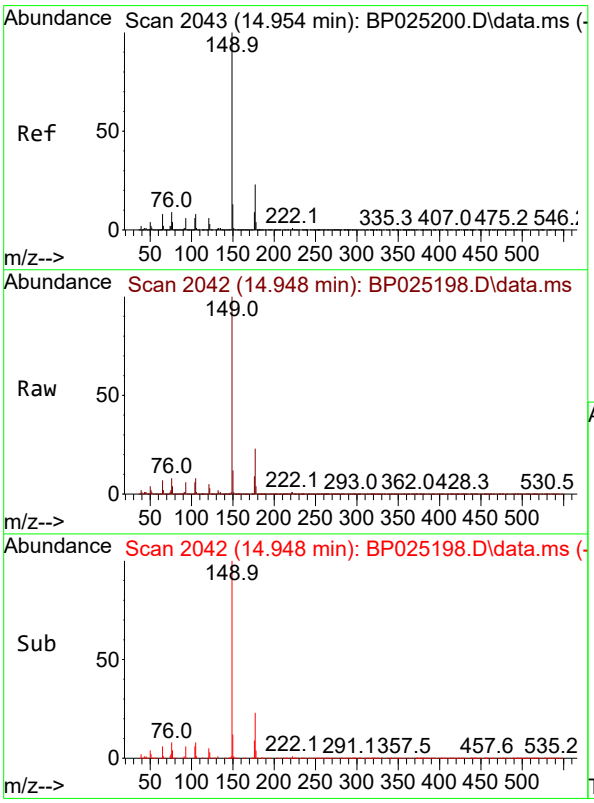

#59
2,3,4,6-Tetrachlorophenol
Concen: 9.520 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:232 Resp: 251016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.6 | 32.6 | 48.8 |
| 130 | 2.2 | 1.6 | 2.4 |
| 166 | 28.6 | 23.3 | 34.9 |

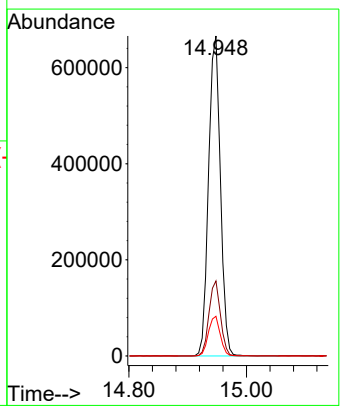


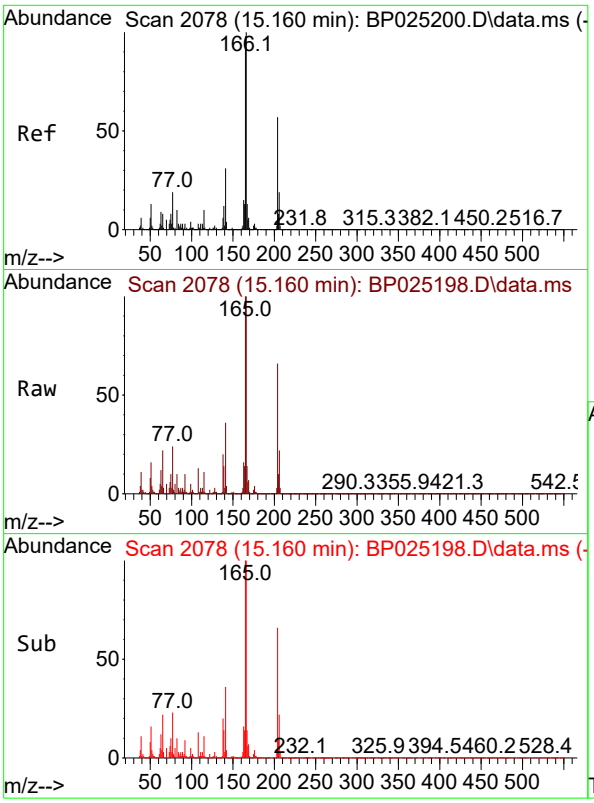




#60
Diethylphthalate
Concen: 9.763 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 929443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.5 | 18.4 | 27.6 |
| 150 | 12.4 | 10.0 | 15.0 |



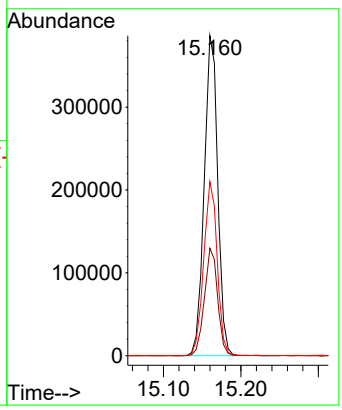


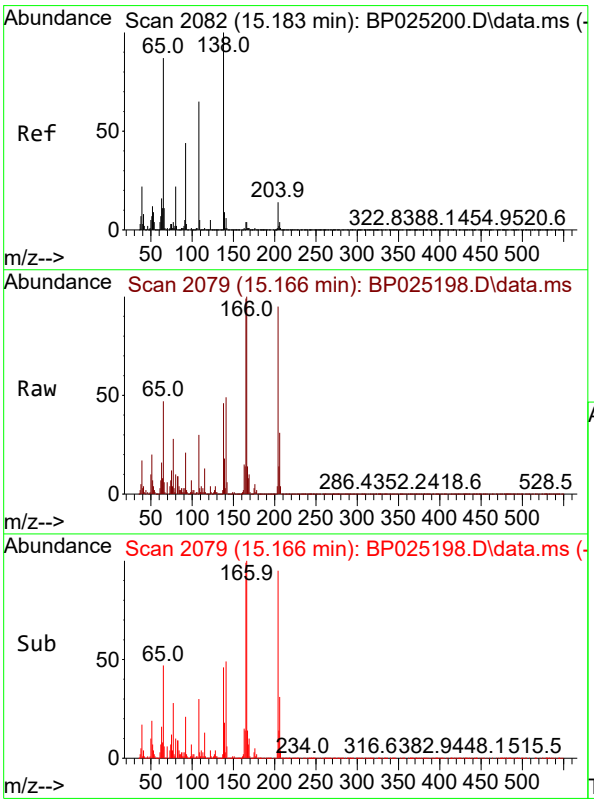

#61
4-Chlorophenyl-phenylether
Concen: 10.029 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:204 Resp: 466528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.6 | 26.3 | 39.5 |
| 141 | 54.4 | 43.0 | 64.6 |

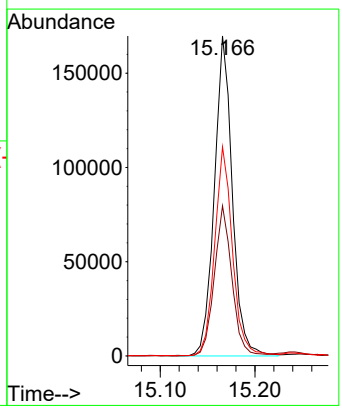


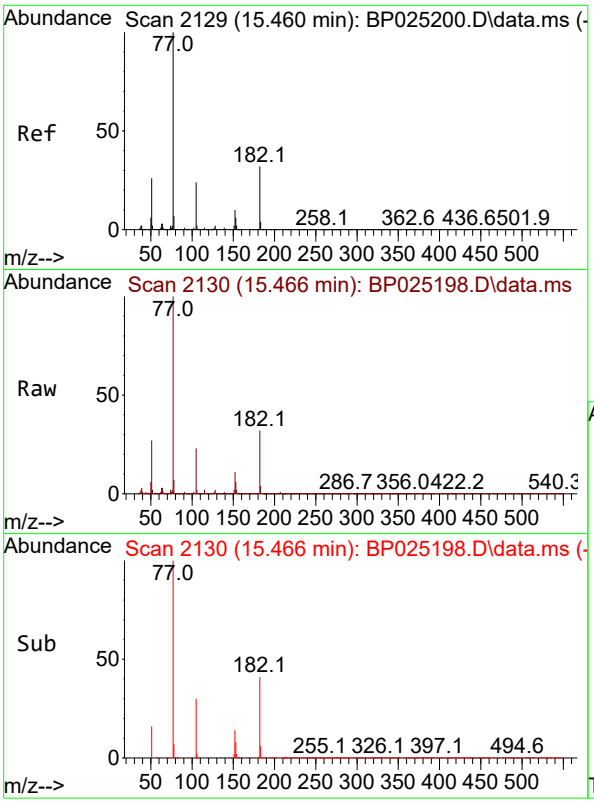




#62
4-Nitroaniline
Concen: 9.546 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:138 Resp: 223854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.9 | 24.0 | 64.0 |
| 108 | 65.4 | 44.9 | 84.9 |



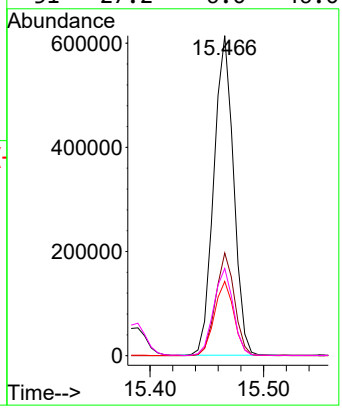


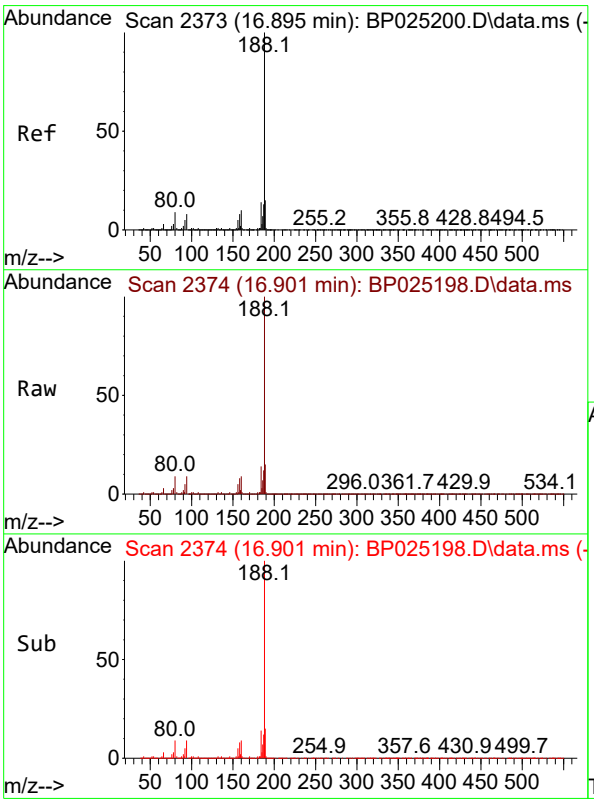

#63
Azobenzene
Concen: 9.696 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 741495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.1 | 12.0 | 52.0 |
| 105 | 23.2 | 3.6 | 43.6 |
| 51 | 27.2 | 6.0 | 46.0 |

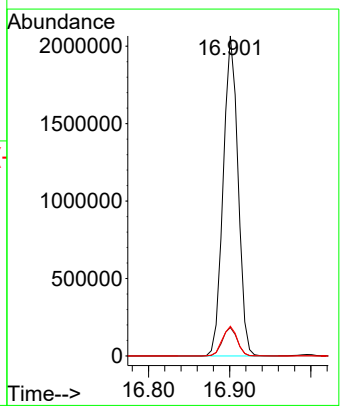


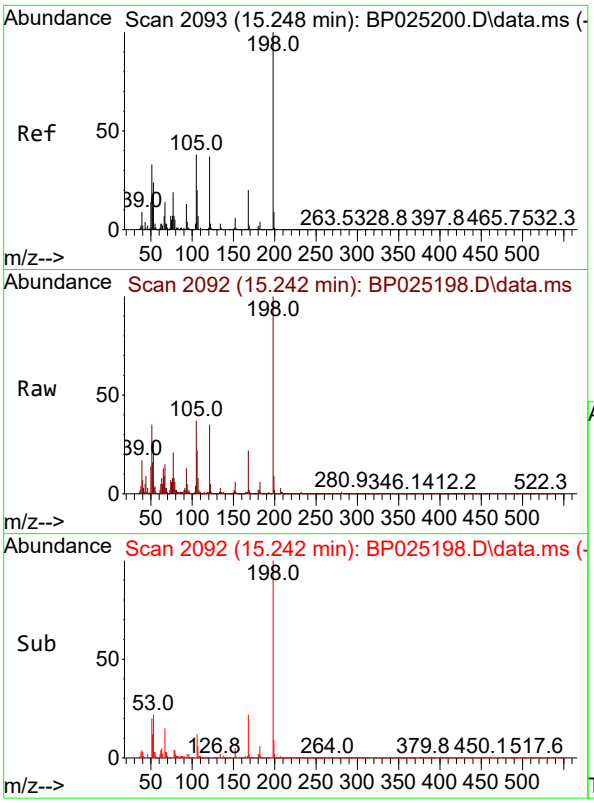




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:188 Resp: 2625603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |



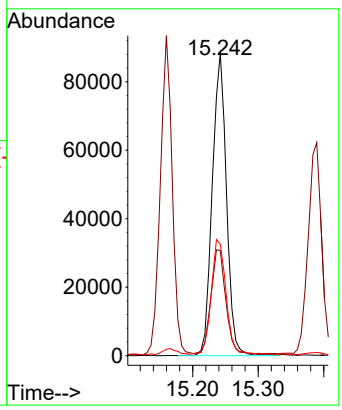


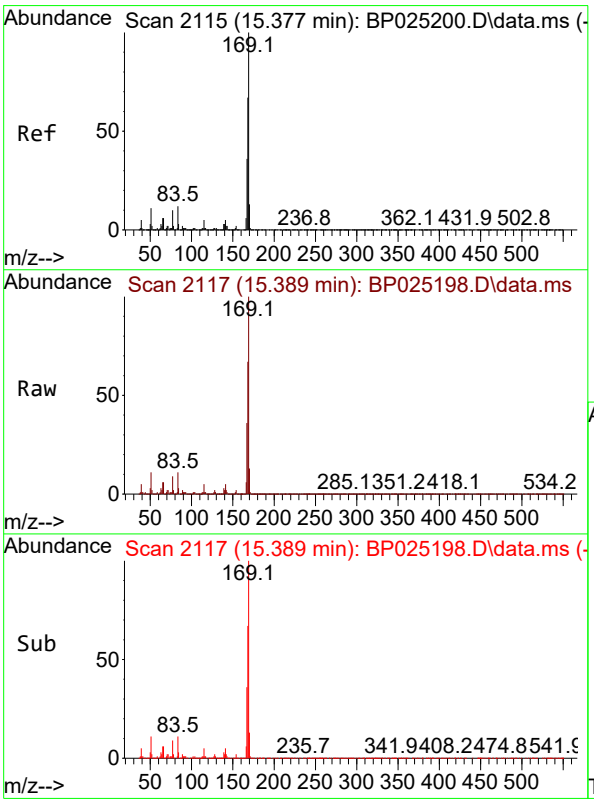

#65
4,6-Dinitro-2-methylphenol
Concen: 8.075 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:198 Resp: 132736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.8 | 14.6 | 54.6 |
| 105 | 36.8 | 18.3 | 58.3 |

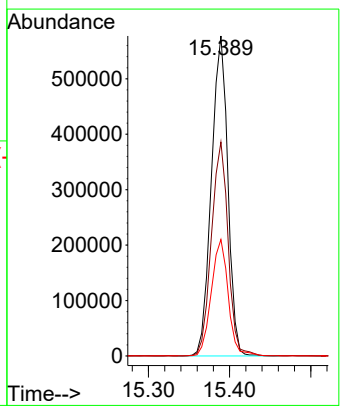


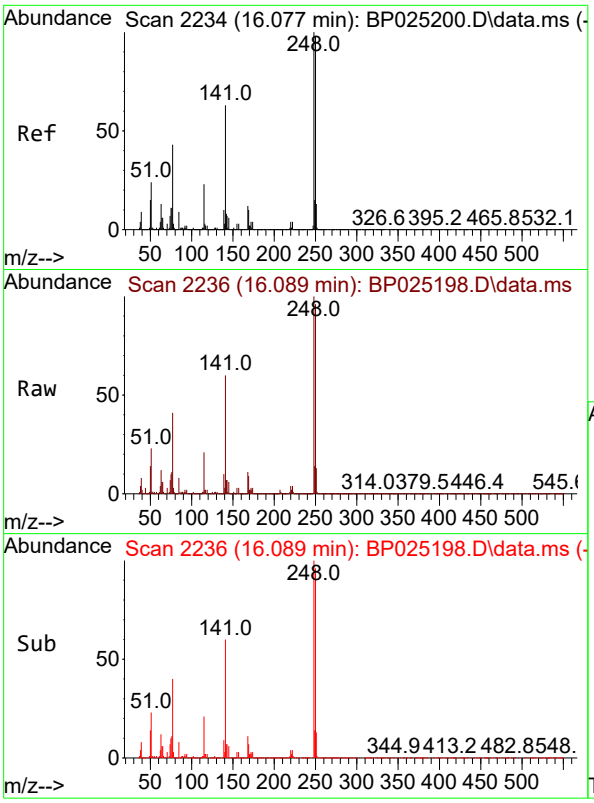




#66
n-Nitrosodiphenylamine
Concen: 9.909 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:169 Resp: 810248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 53.7 | 80.5 |
| 167 | 36.4 | 29.0 | 43.6 |



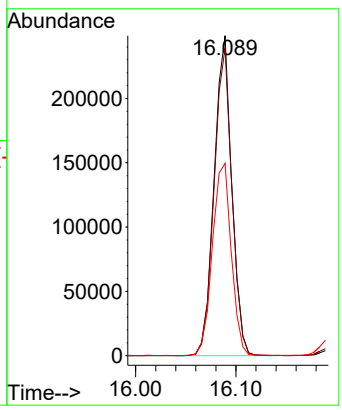


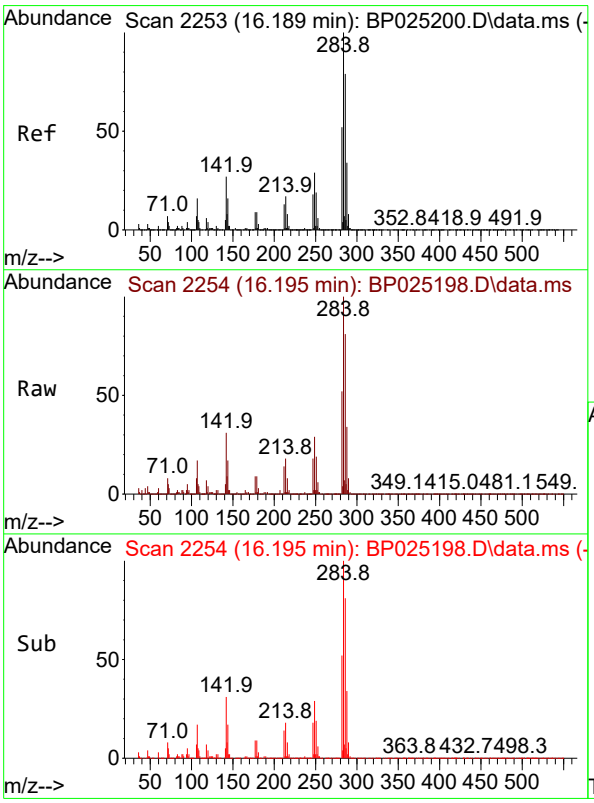

#67
4-Bromophenyl-phenylether
Concen: 9.810 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:248 Resp: 303682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 78.5 | 117.7 |
| 141 | 60.1 | 50.5 | 75.7 |

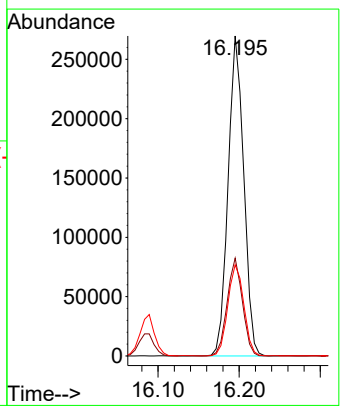


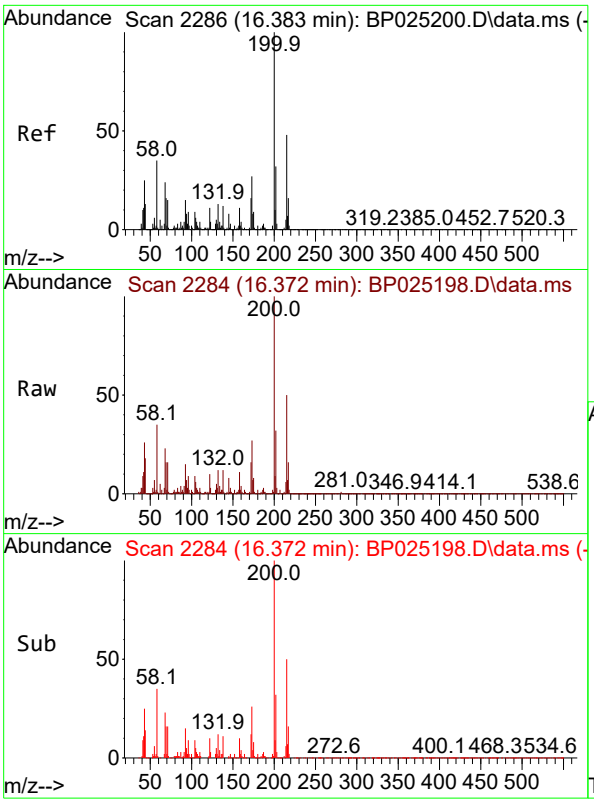




#68
Hexachlorobenzene
Concen: 9.755 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:284 Resp: 360593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.6 | 21.5 | 32.3 |
| 249 | 28.5 | 23.4 | 35.0 |



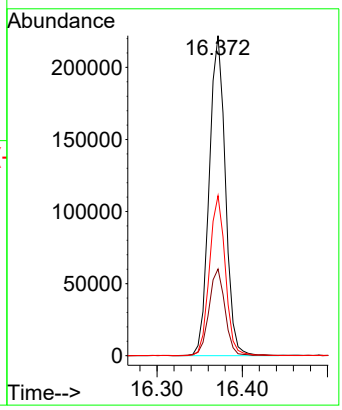


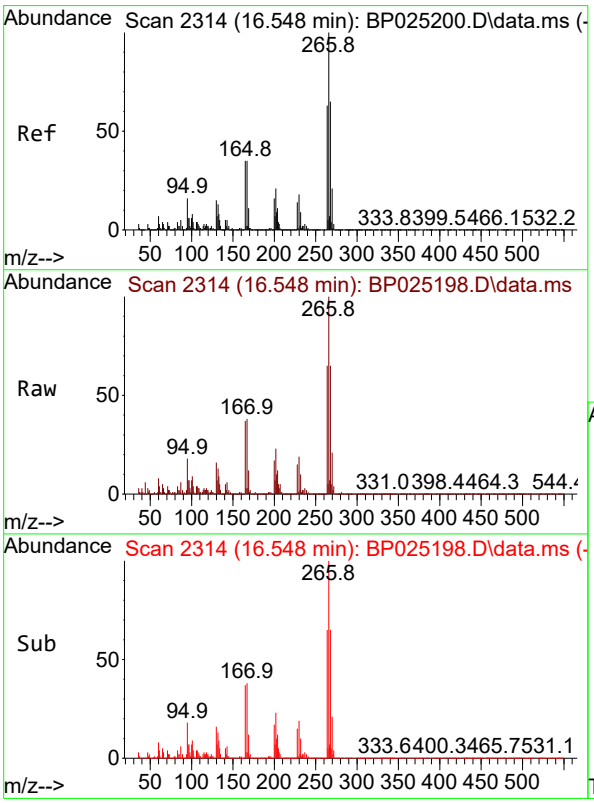

#69
Atrazine
Concen: 9.812 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:200 Resp: 292440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 7.4 | 47.4 |
| 215 | 50.0 | 28.5 | 68.5 |

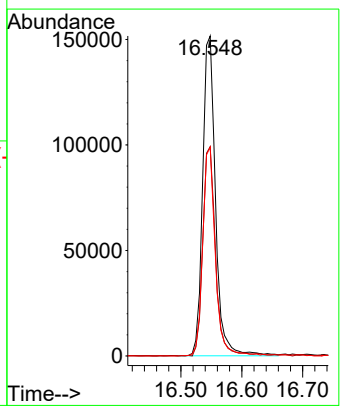


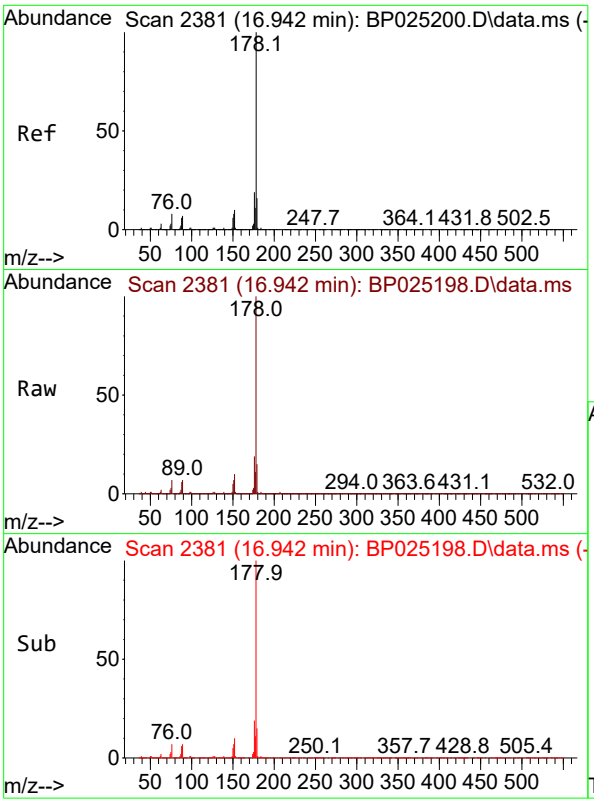




#70
Pentachlorophenol
Concen: 9.080 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:266 Resp: 223420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.4 | 51.8 | 77.6 |
| 264 | 65.2 | 50.3 | 75.5 |



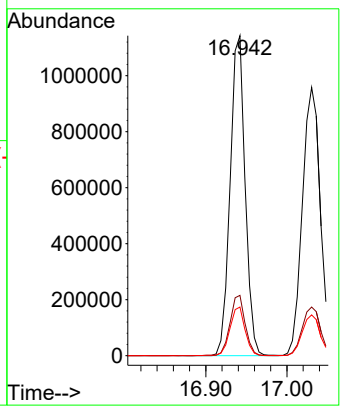


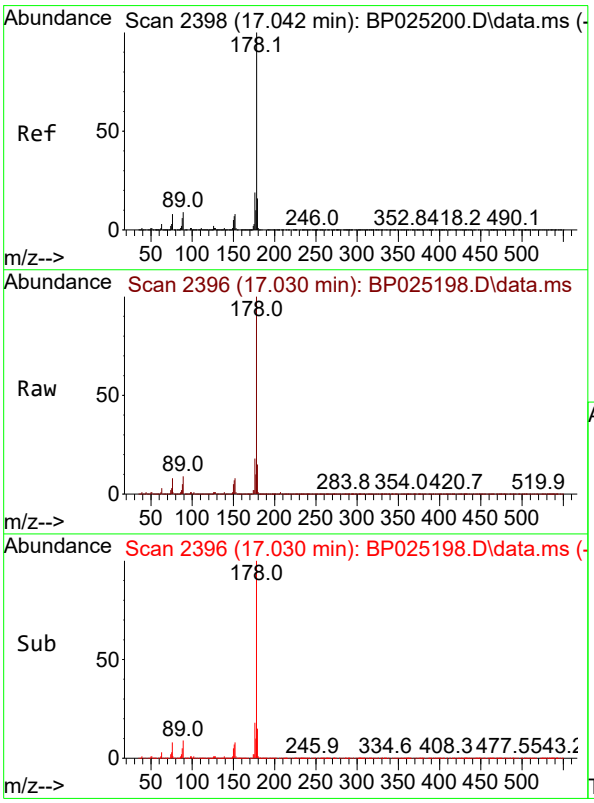

#71
Phenanthrene
Concen: 10.017 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:178 Resp: 1465440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.6 | 23.4 |
| 179 | 15.2 | 12.5 | 18.7 |

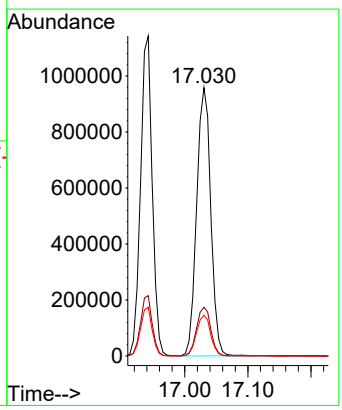


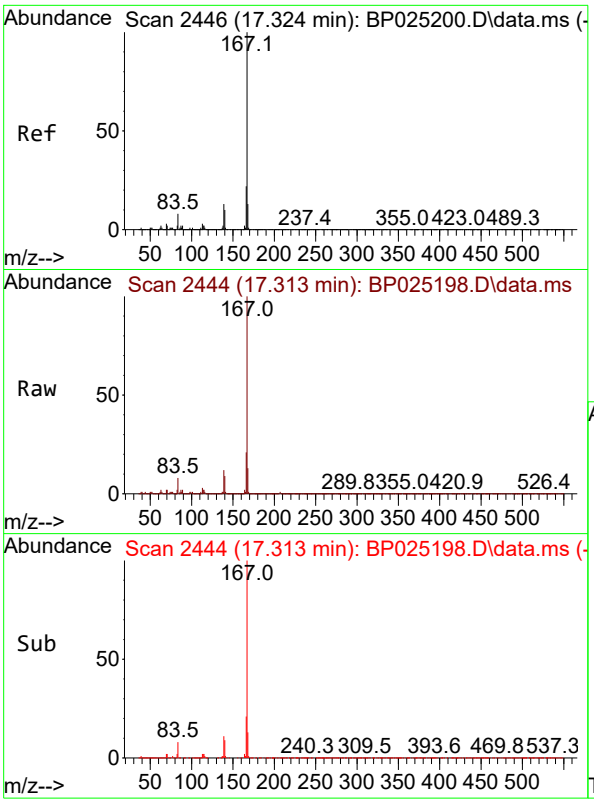




#72
Anthracene
Concen: 9.985 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:178 Resp: 1482992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 15.0 | 22.4 |
| 179 | 15.2 | 12.5 | 18.7 |



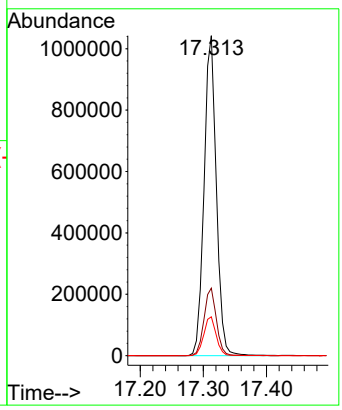


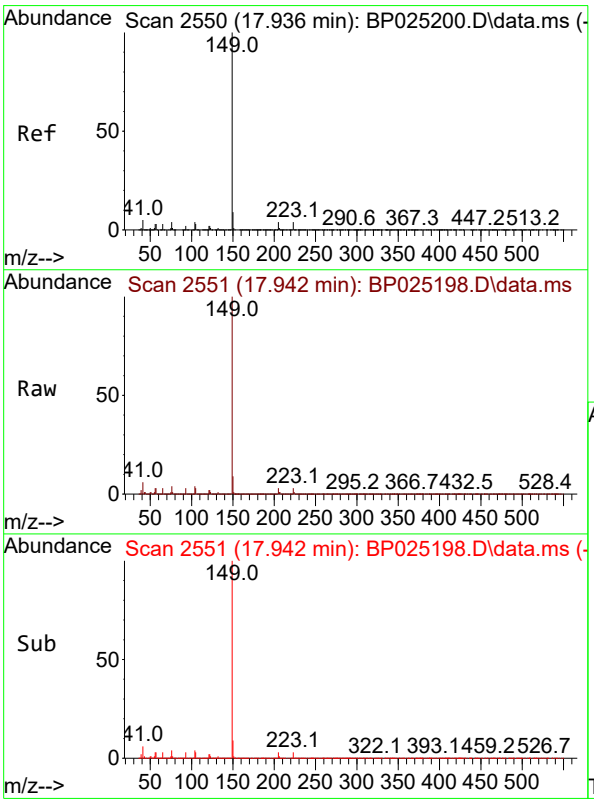

#73
Carbazole
Concen: 9.951 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:167 Resp: 1406173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.3 | 25.9 |
| 139 | 12.1 | 10.1 | 15.1 |

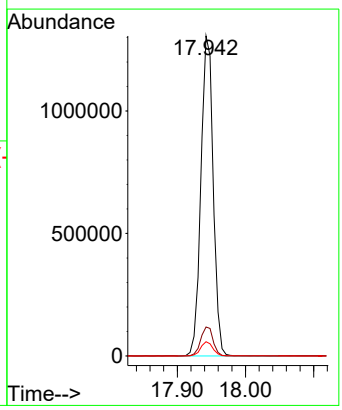


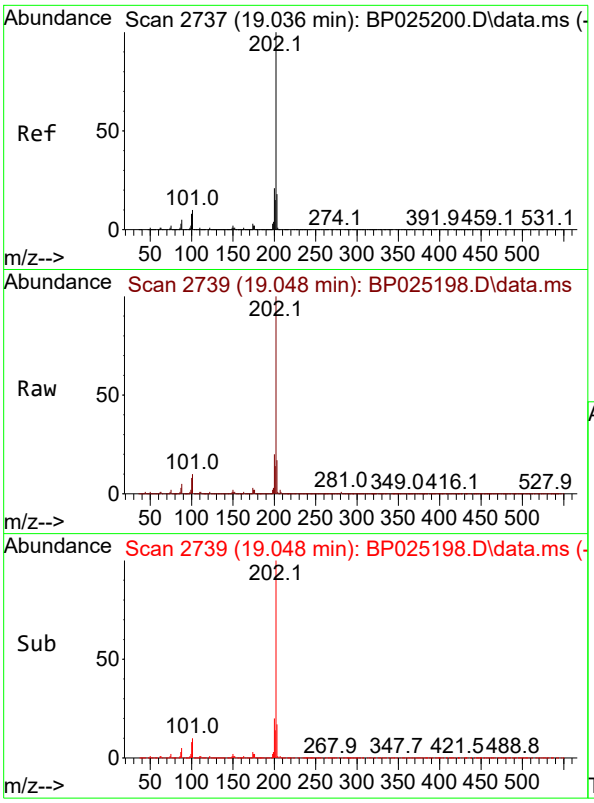




#74
Di-n-butylphthalate
Concen: 9.887 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1638310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.6 | 11.4 |
| 104 | 4.4 | 3.5 | 5.3 |



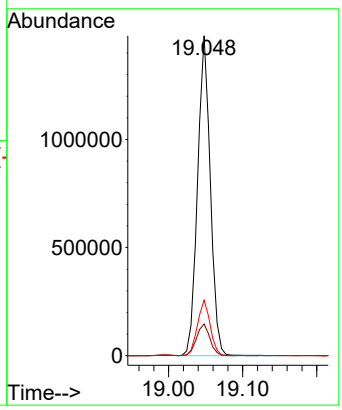


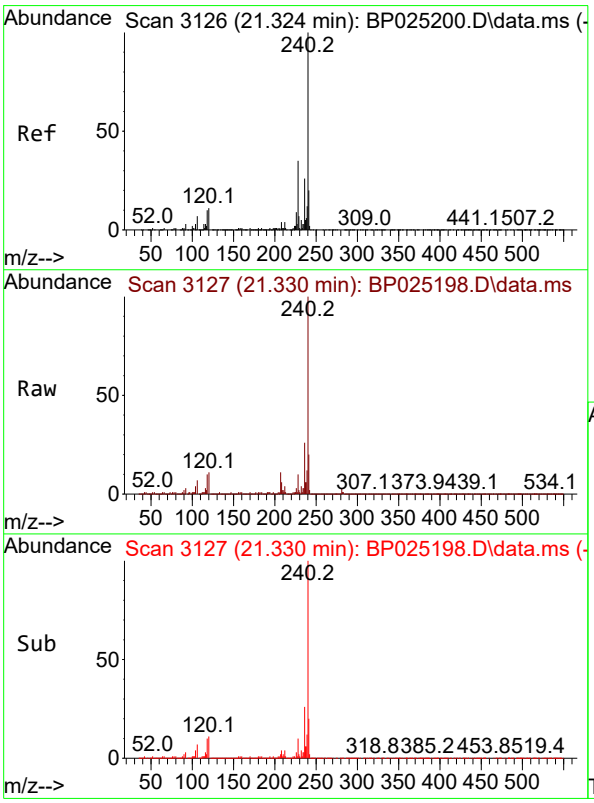

#75
Fluoranthene
Concen: 10.190 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:202 Resp: 1762633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 0.0 | 30.3 |
| 203 | 17.4 | 0.0 | 38.0 |

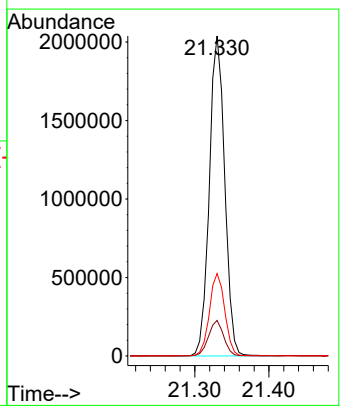


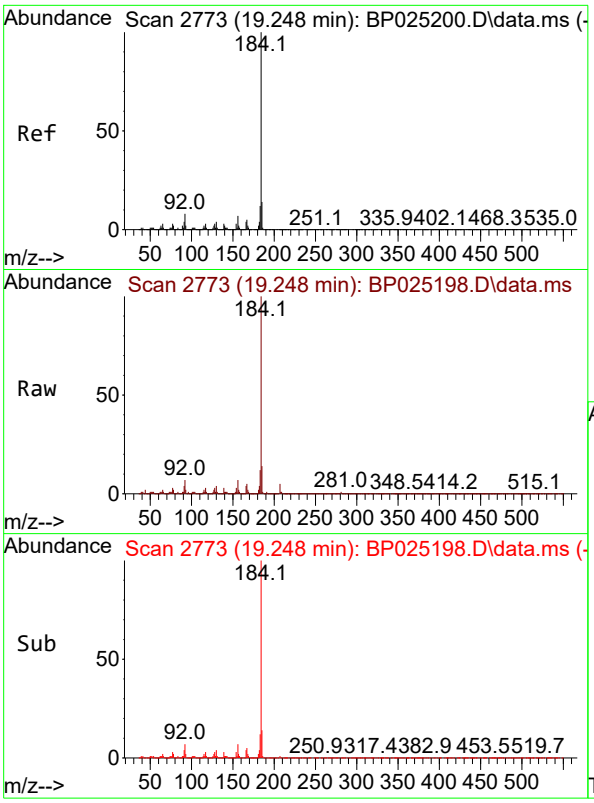




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:240 Resp: 2939535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



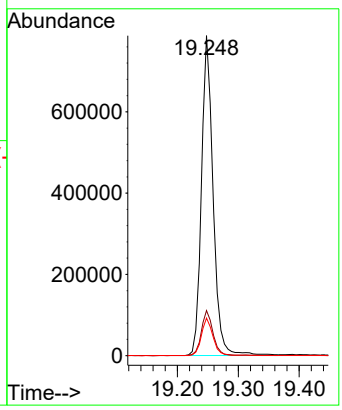


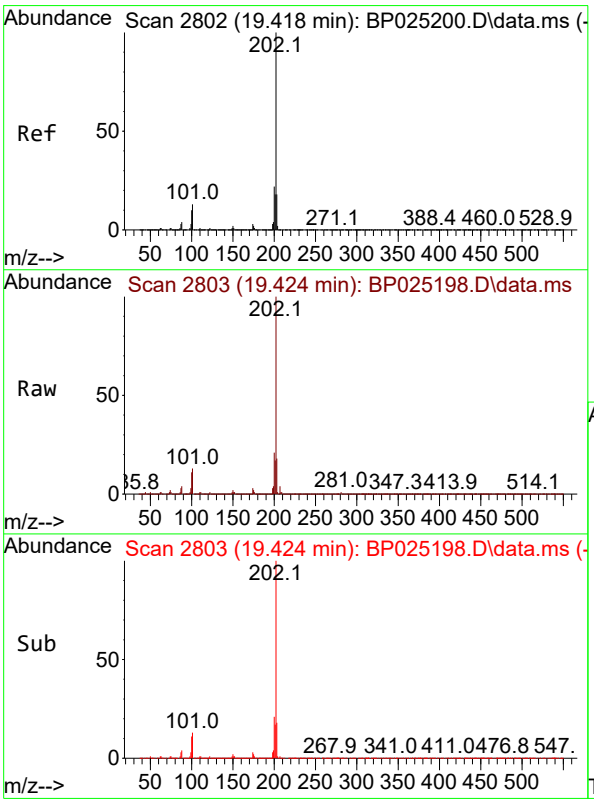

#77
Benzidine
Concen: 9.309 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:184 Resp: 1045235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.5 | 17.3 |
| 183 | 11.7 | 9.6 | 14.4 |

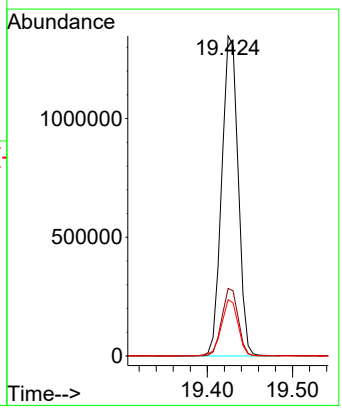


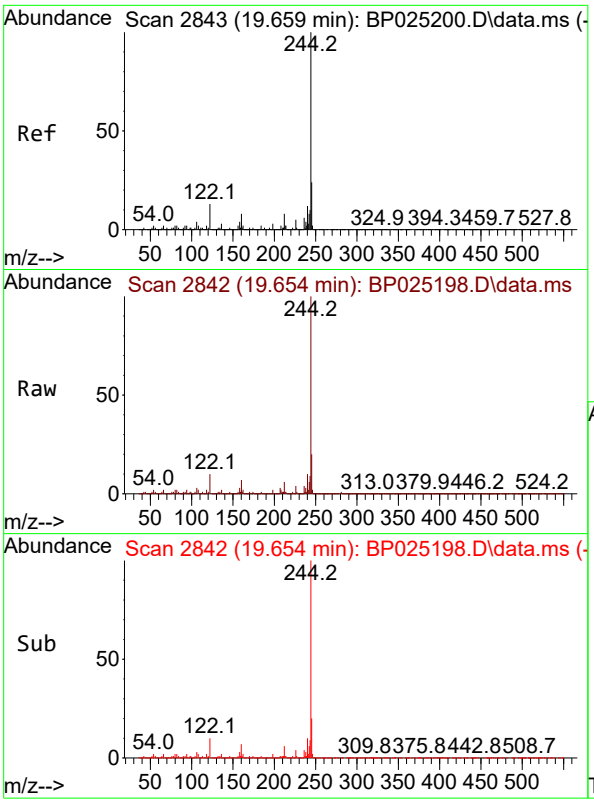




#78
Pyrene
Concen: 9.667 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:202 Resp: 1805942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 17.6 | 14.3 | 21.5 |



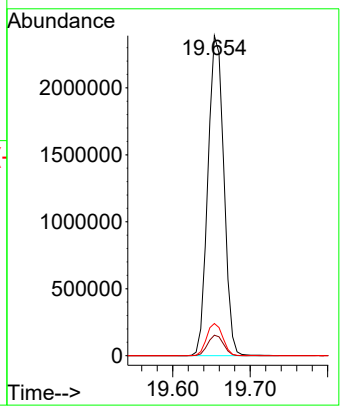


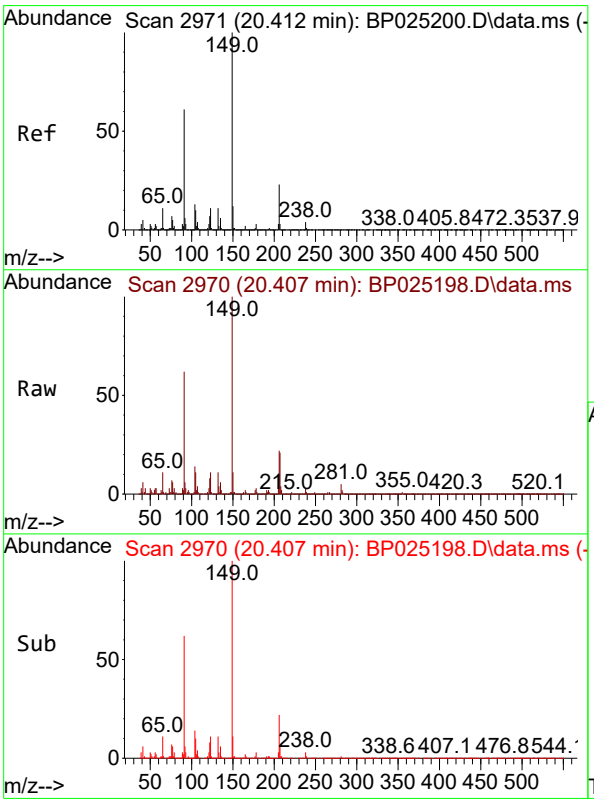

#79
Terphenyl-d14
Concen: 21.694 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:244 Resp: 3414680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 6.6 | 9.8# |
| 122 | 10.1 | 10.3 | 15.5# |

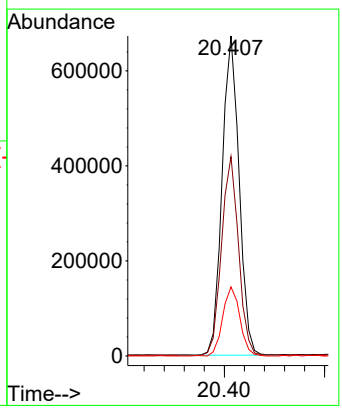


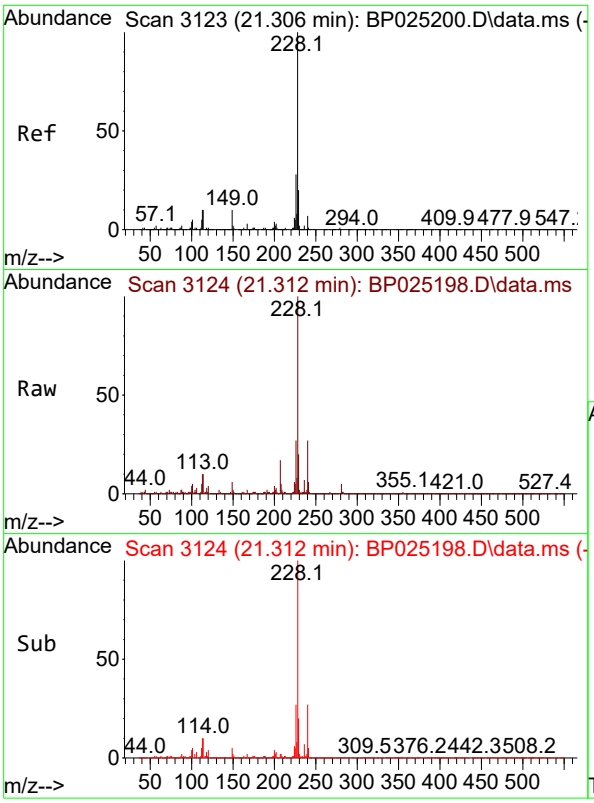




#80
Butylbenzylphthalate
Concen: 9.553 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 787501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.3 | 48.8 | 73.2 |
| 206 | 21.6 | 18.4 | 27.6 |



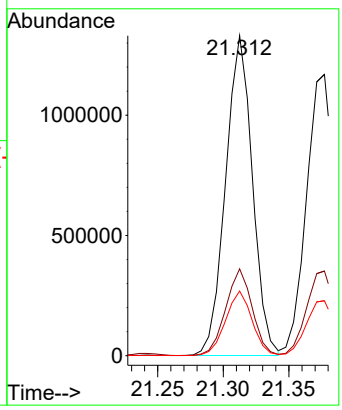


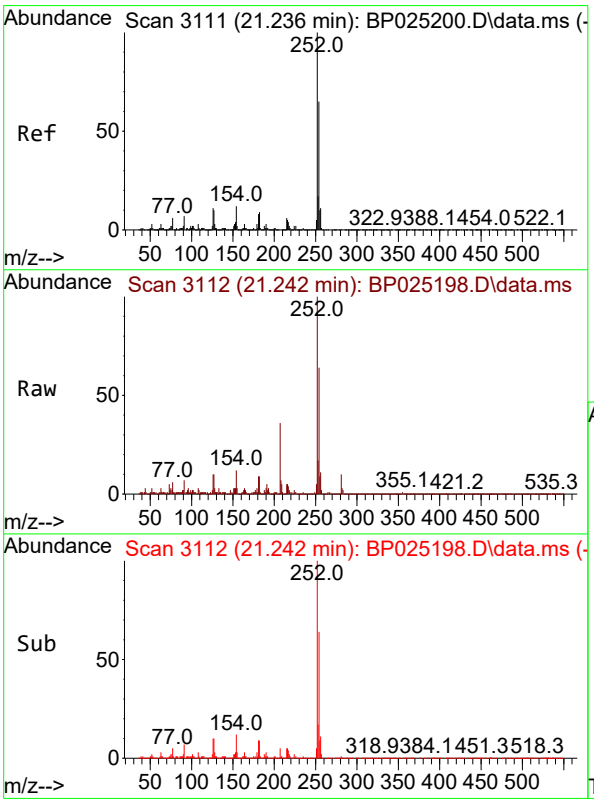

#81
Benzo(a)anthracene
Concen: 9.908 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1894426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |

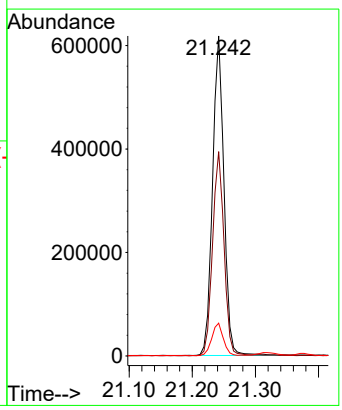


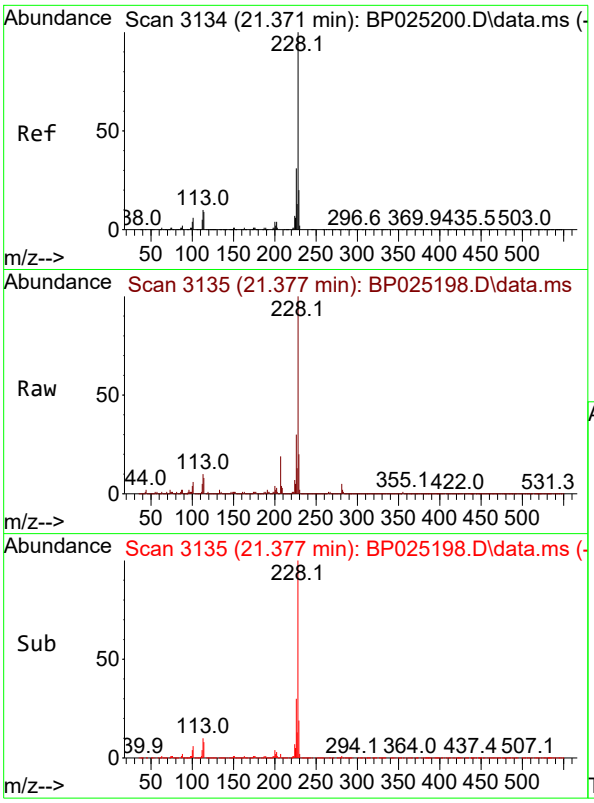




#82
3,3'-Dichlorobenzidine
Concen: 9.826 ng
RT: 21.242 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 770405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 52.1 | 78.1 |
| 126 | 10.3 | 8.6 | 12.8 |



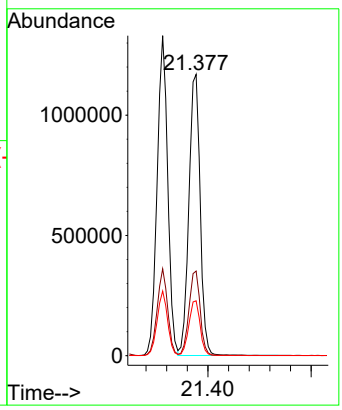


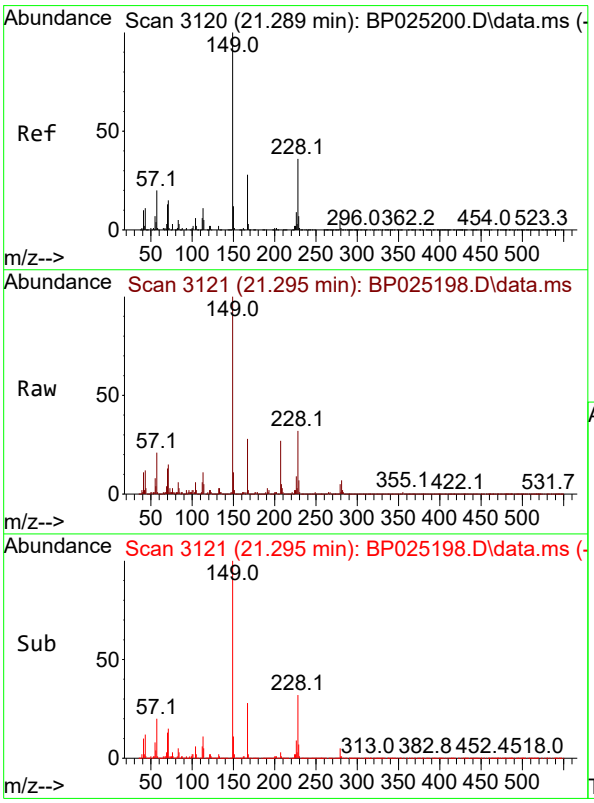

#83
Chrysene
Concen: 9.912 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1767347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 24.6 | 37.0 |
| 229 | 19.5 | 16.0 | 24.0 |

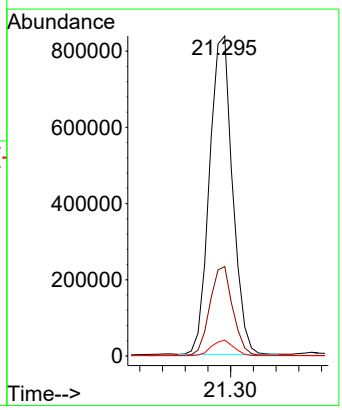


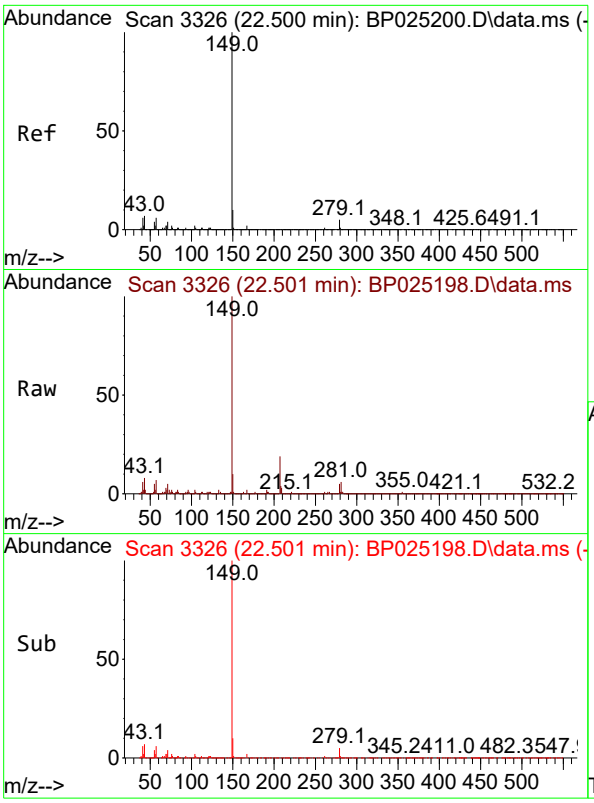




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.800 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:149 Resp: 1177770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.6 | 34.0 |
| 279 | 4.9 | 4.0 | 6.0 |



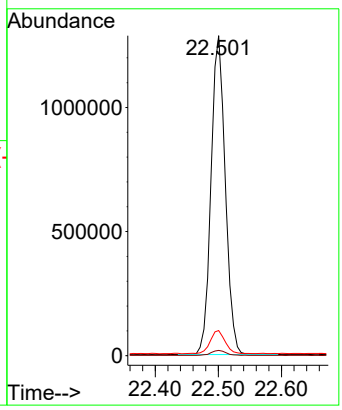


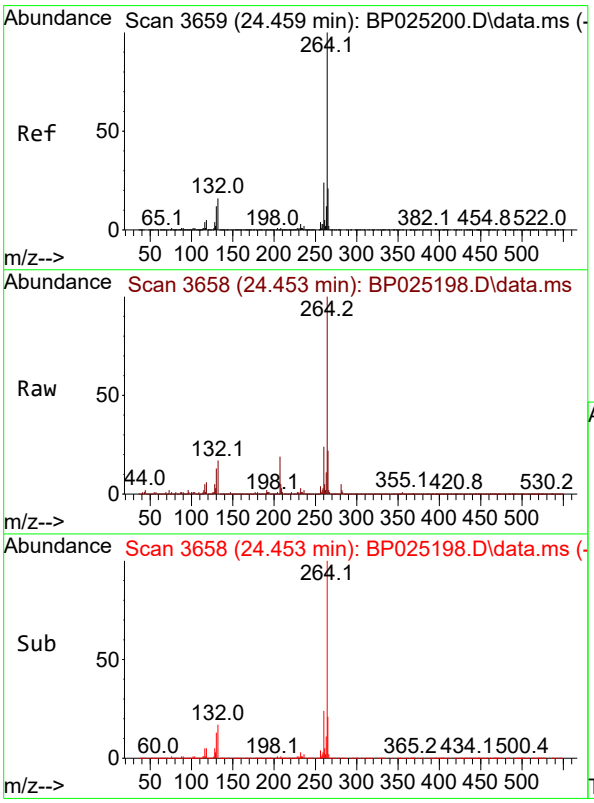

#85
Di-n-octyl phthalate
Concen: 9.601 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:149 Resp: 2011265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 7.7 | 6.1 | 9.1 |

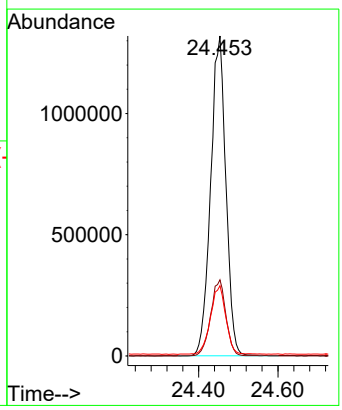


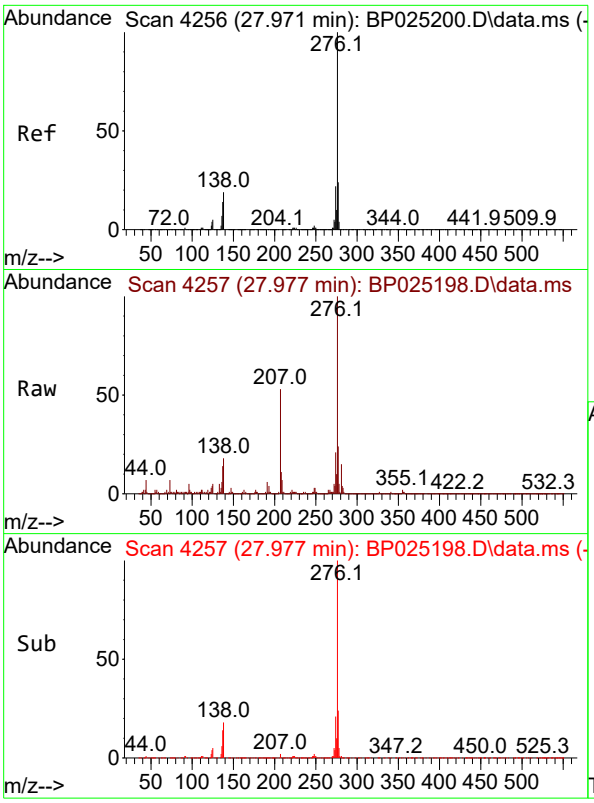




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:264 Resp: 3517768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.6 |
| 265 | 21.9 | 17.5 | 26.3 |



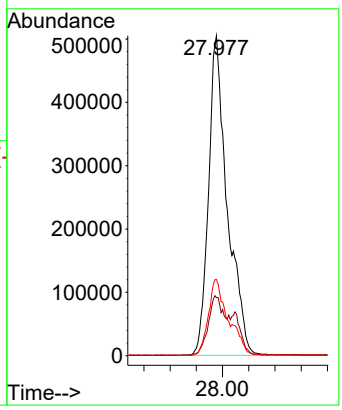


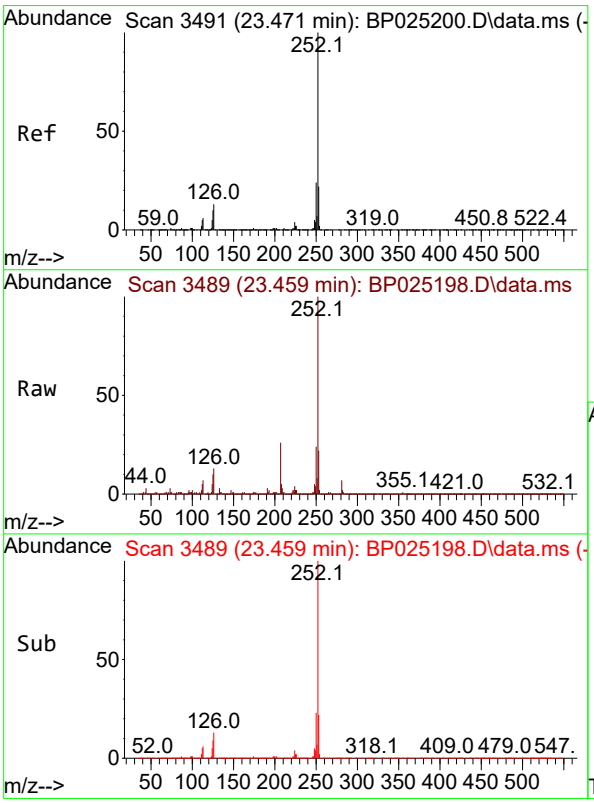

#87
Indeno(1,2,3-cd)pyrene
Concen: 9.716 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:276 Resp: 2512454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.5 | 12.8 | 19.2 |
| 277 | 25.3 | 20.3 | 30.5 |

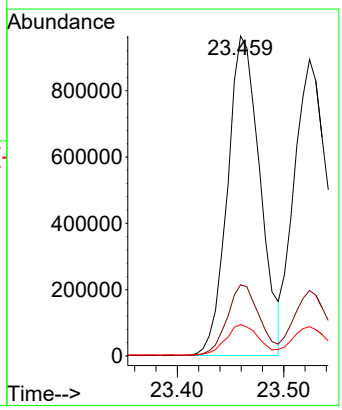


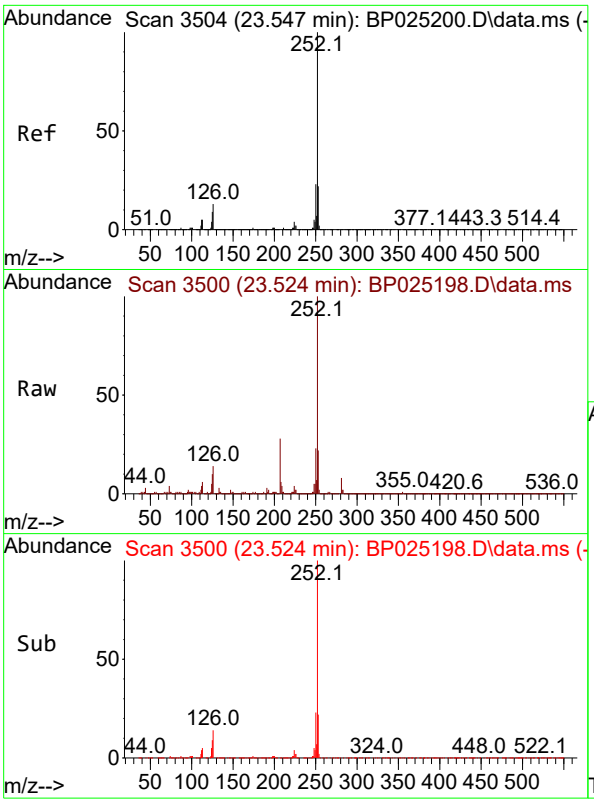




#88
Benzo(b)fluoranthene
Concen: 9.982 ng
RT: 23.459 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 2047782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 9.8 | 7.8 | 11.8 |



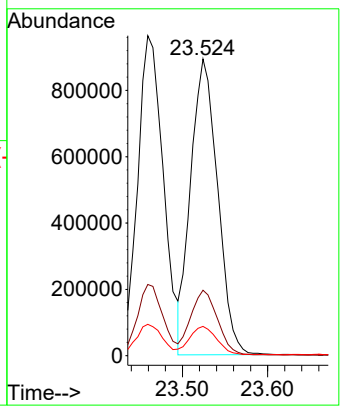


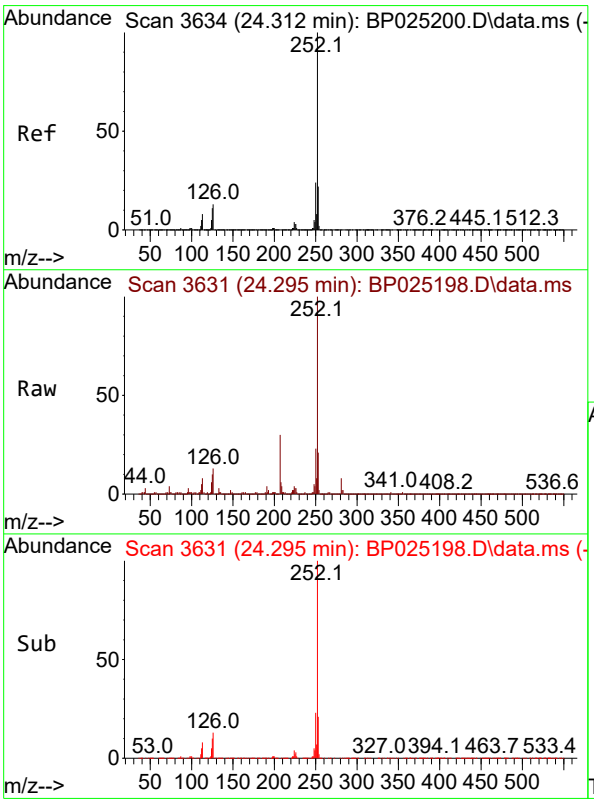

#89
Benzo(k)fluoranthene
Concen: 9.648 ng
RT: 23.524 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:252 Resp: 1965076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 9.9 | 7.5 | 11.3 |

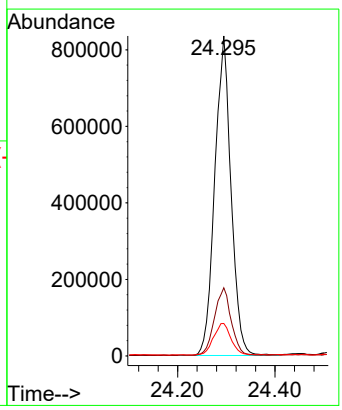


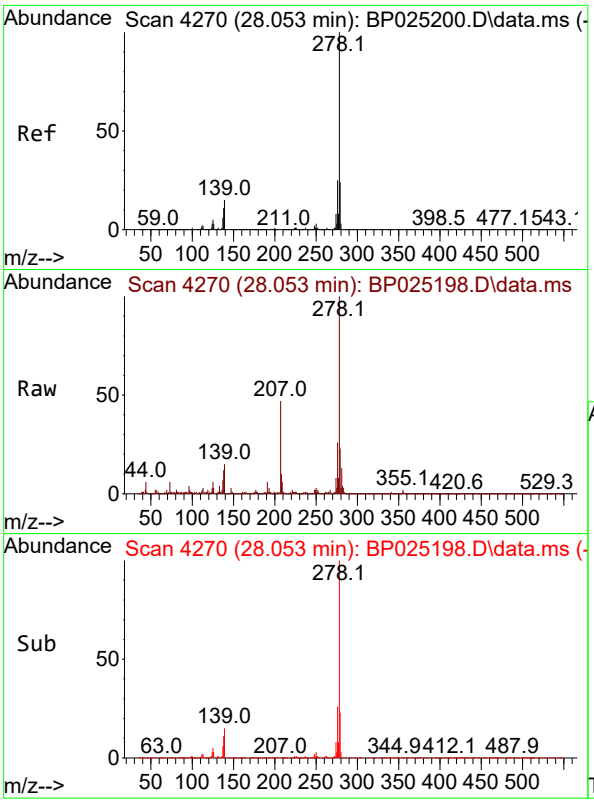




#90
Benzo(a)pyrene
Concen: 9.708 ng
RT: 24.295 min Scan# 3631
Delta R.T. -0.018 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:252 Resp: 1933168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.8 | 26.6 |
| 125 | 10.2 | 8.6 | 12.8 |



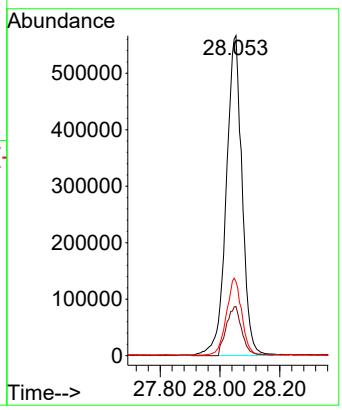


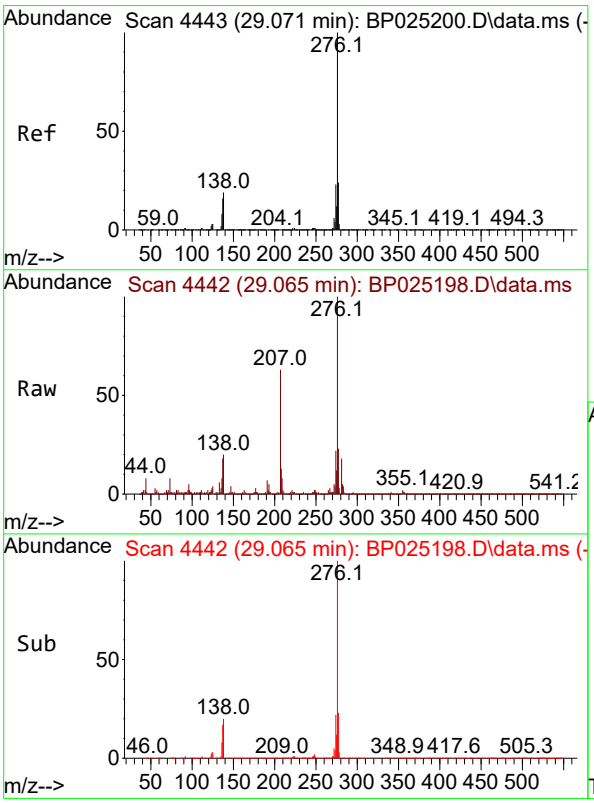

#91
Dibenzo(a,h)anthracene
Concen: 9.792 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:278 Resp: 2076587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.3 | 12.0 | 18.0 |
| 279 | 23.2 | 19.5 | 29.3 |

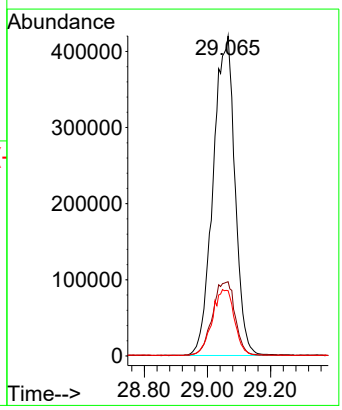



#92
Benzo(g,h,i)perylene
Concen: 9.658 ng
RT: 29.065 min Scan# 4442
Delta R.T. -0.006 min
Lab File: BP025198.D
Acq: 21 Jul 2025 15:47

Tgt Ion:276 Resp: 2006207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.2 | 19.2 | 28.8 |
| 138 | 20.4 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 661165 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2624373 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.083 | 164 | 1725537 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3420424 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 3723190 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.459 | 264 | 4465504 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1586240 | 40.080 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 1952718 | 39.965 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 1937093 | 40.469 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 1028445 | 40.082 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.672 | 172 | 5263353 | 40.382 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.660 | 244 | 8390472 | 42.086 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 293388 | 19.725 | ng | 100 |
| 3) Pyridine | 3.496 | 79 | 778928 | 19.772 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 309184 | 19.886 | ng | 94 |
| 6) Aniline | 6.778 | 93 | 1264692 | 19.904 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 890007 | 19.986 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 630829 | 18.066 | ng | 100 |
| 10) Phenol | 6.660 | 94 | 1005845 | 19.897 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 764760 | 19.703 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1000926 | 19.812 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1012968 | 19.869 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 966008 | 19.719 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 695033 | 19.845 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 989741 | 19.879 | ng | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 696041 | 19.906 | ng | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 341991 | 19.645 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 594405 | 20.185 | ng | 99 |
| 20) 3+4-Methylphenols | 8.195 | 107 | 949514 | 19.881 | ng | 97 |
| 22) Acetophenone | 8.237 | 105 | 1264897 | 20.349 | ng | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 854569 | 20.145 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 1696703 | 20.239 | ng | 100 |
| 26) 2-Nitrophenol | 9.307 | 139 | 480785 | 20.136 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 818802 | 20.144 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 1064963 | 20.235 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 840876 | 20.169 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 916180 | 19.972 | ng | 100 |
| 31) Naphthalene | 10.225 | 128 | 2744118 | 20.078 | ng | 99 |
| 32) Benzoic acid | 9.501 | 122 | 592400 | 19.955 | ng | 97 |
| 33) 4-Chloroaniline | 10.337 | 127 | 1195494 | 20.146 | ng | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 554225 | 20.117 | ng | 98 |
| 35) Caprolactam | 11.113 | 113 | 280019 | 20.409 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 845122 | 20.298 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 1787280 | 20.219 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 1873159 | 20.091 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 1037365 | 19.852 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 568117 | 19.172 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.489 | 196 | 710607 | 20.126 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

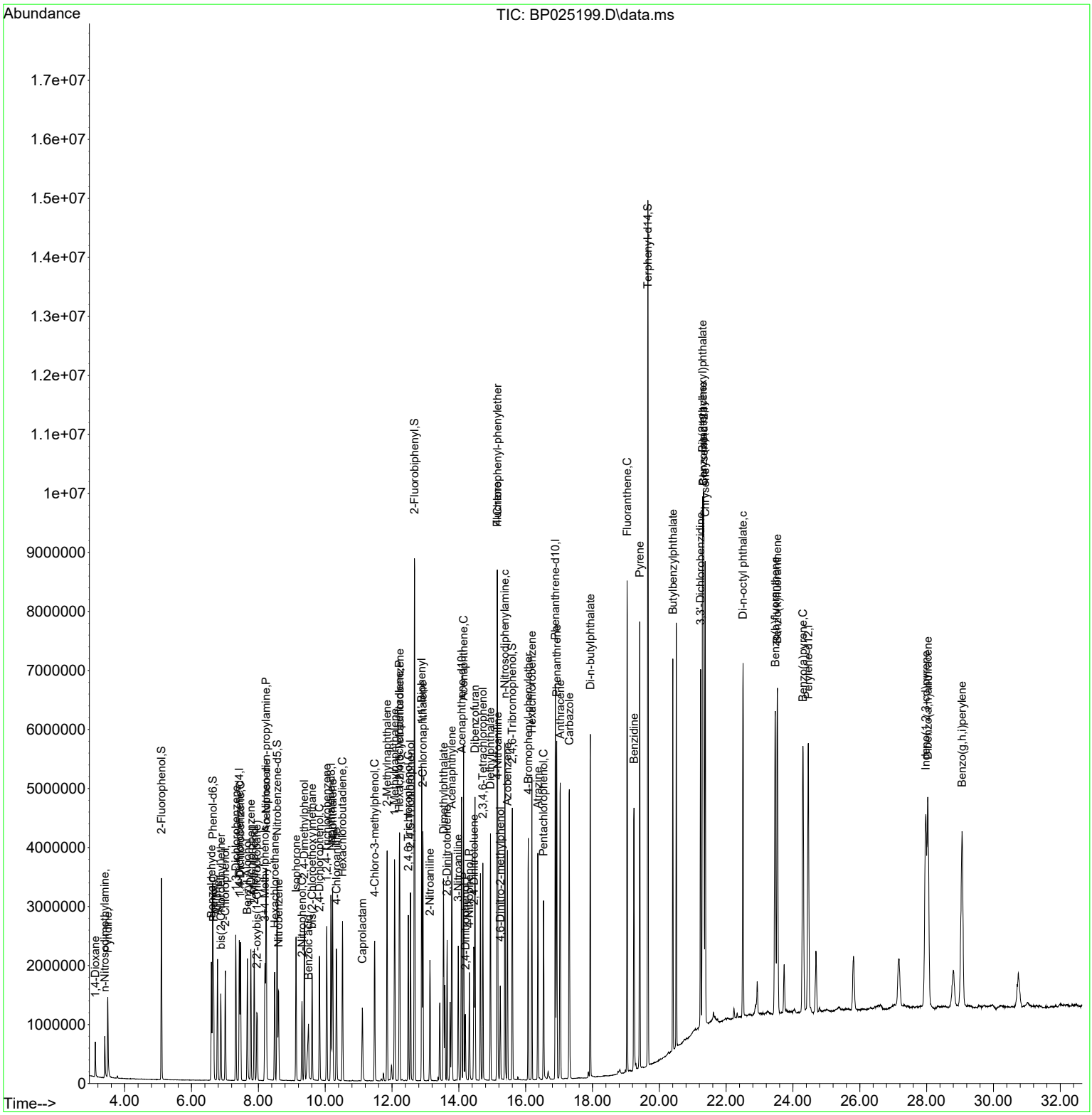
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 779183 | 20.021 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.889 | 154 | 2534298 | 19.863 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 1943669 | 19.663 | ng | 100 |
| 48) 2-Nitroaniline | 13.136 | 65 | 499848 | 20.158 | ng | 99 |
| 49) Acenaphthylene | 13.789 | 152 | 3266617 | 20.152 | ng | 100 |
| 50) Dimethylphthalate | 13.542 | 163 | 2514591 | 19.973 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.648 | 165 | 539220 | 20.233 | ng | 98 |
| 52) Acenaphthene | 14.142 | 154 | 1858898 | 19.907 | ng | 100 |
| 53) 3-Nitroaniline | 13.983 | 138 | 607977 | 20.219 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.195 | 184 | 289004 | 19.352 | ng | 99 |
| 55) Dibenzofuran | 14.483 | 168 | 3017432 | 19.958 | ng | 99 |
| 56) 4-Nitrophenol | 14.313 | 139 | 516291 | 20.148 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.454 | 165 | 756940 | 20.387 | ng | 97 |
| 58) Fluorene | 15.148 | 166 | 2413500 | 20.014 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.719 | 232 | 693949 | 20.143 | ng | 99 |
| 60) Diethylphthalate | 14.948 | 149 | 2464234 | 19.809 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 1202237 | 19.780 | ng | 98 |
| 62) 4-Nitroaniline | 15.166 | 138 | 633835 | 20.685 | ng | 99 |
| 63) Azobenzene | 15.454 | 77 | 2017191 | 20.187 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 419051 | 19.570 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.377 | 169 | 2138707 | 20.077 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.077 | 248 | 797636 | 19.779 | ng | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 962844 | 19.994 | ng | 99 |
| 69) Atrazine | 16.366 | 200 | 786929 | 20.267 | ng | 99 |
| 70) Pentachlorophenol | 16.536 | 266 | 639966 | 19.965 | ng | 99 |
| 71) Phenanthrene | 16.930 | 178 | 3812811 | 20.006 | ng | 99 |
| 72) Anthracene | 17.036 | 178 | 3906820 | 20.193 | ng | 99 |
| 73) Carbazole | 17.307 | 167 | 3714018 | 20.175 | ng | 100 |
| 74) Di-n-butylphthalate | 17.936 | 149 | 4406649 | 20.415 | ng | 99 |
| 75) Fluoranthene | 19.036 | 202 | 4574063 | 20.298 | ng | 99 |
| 77) Benzidine | 19.242 | 184 | 2913500 | 20.485 | ng | 99 |
| 78) Pyrene | 19.413 | 202 | 4741470 | 20.039 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 2085097 | 19.969 | ng | 100 |
| 81) Benzo(a)anthracene | 21.312 | 228 | 4880320 | 20.152 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.236 | 252 | 2048334 | 20.627 | ng | 100 |
| 83) Chrysene | 21.371 | 228 | 4523656 | 20.030 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 3041538 | 19.981 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.506 | 149 | 5425668 | 20.449 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.977 | 276 | 6525812 | 19.880 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.471 | 252 | 5129956 | 19.698 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.536 | 252 | 5125128 | 19.822 | ng | 100 |
| 90) Benzo(a)pyrene | 24.301 | 252 | 5051354 | 19.982 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.041 | 278 | 5381616 | 19.991 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.059 | 276 | 5259660 | 19.946 | ng | 99 |

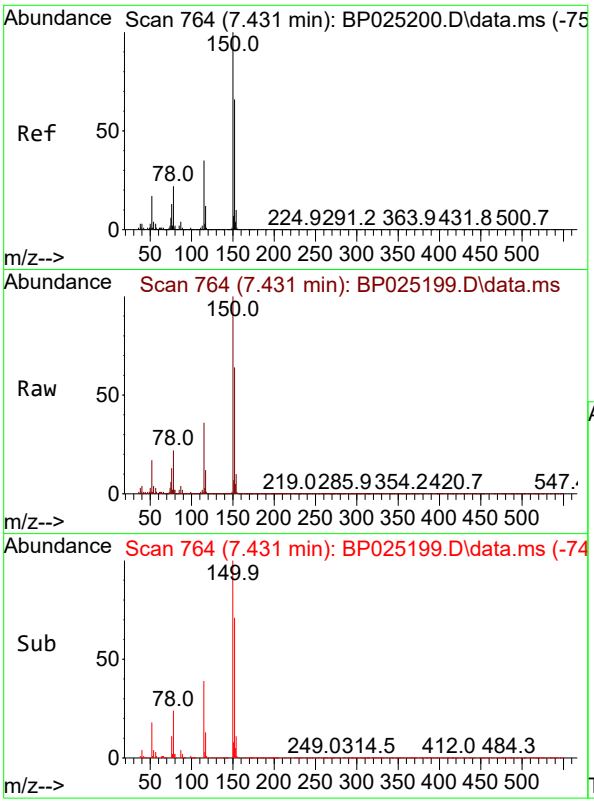
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025199.D
Acq On : 21 Jul 2025 16:29
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 22 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



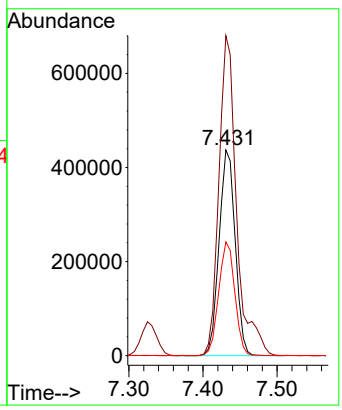


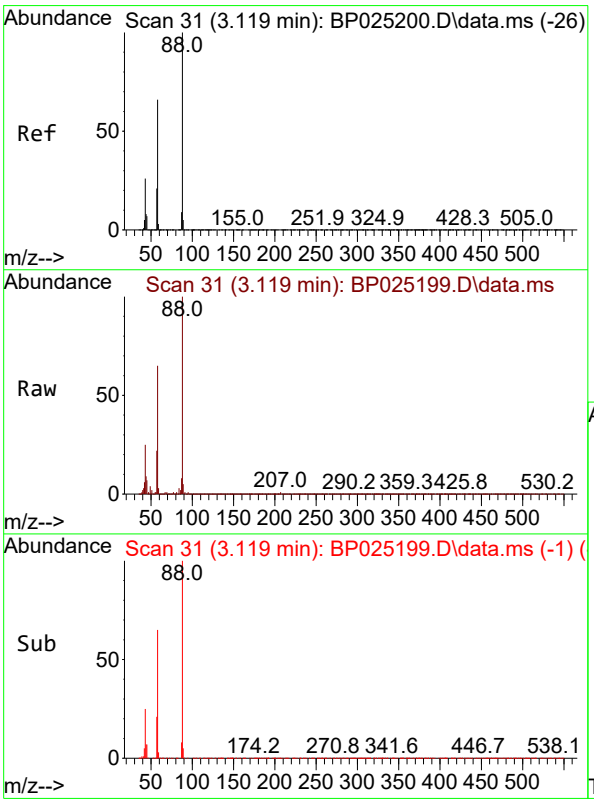

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 661165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 121.9 | 182.9 |
| 115 | 55.3 | 43.0 | 64.6 |

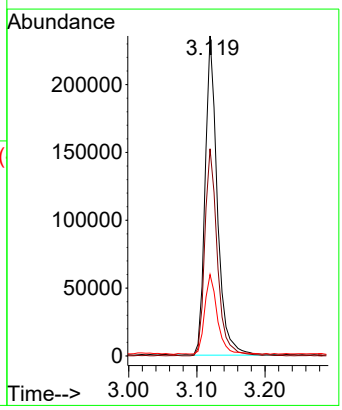


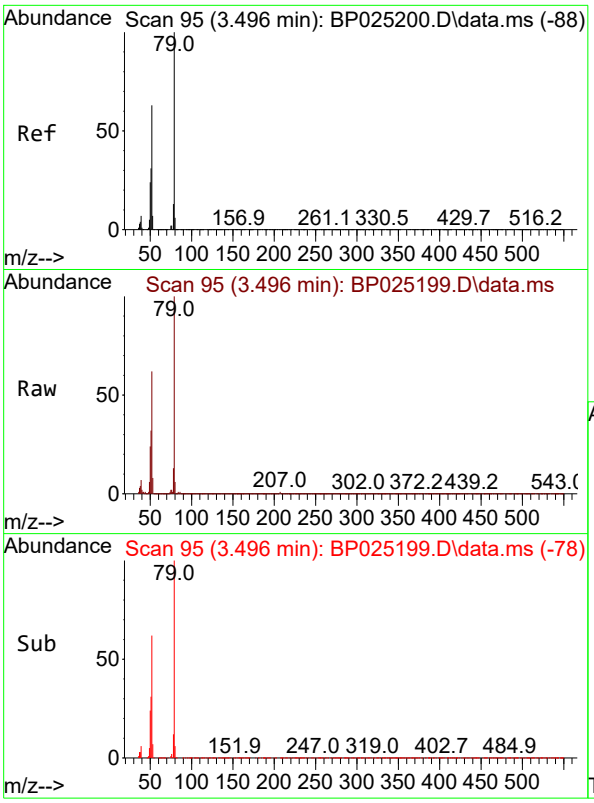




#2
1,4-Dioxane
Concen: 19.725 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 88 Resp: 293388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.0 | 53.5 | 80.3 |
| 43 | 25.8 | 20.8 | 31.2 |



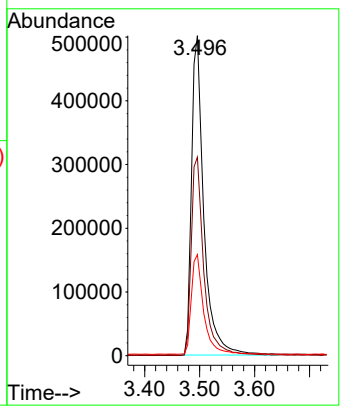


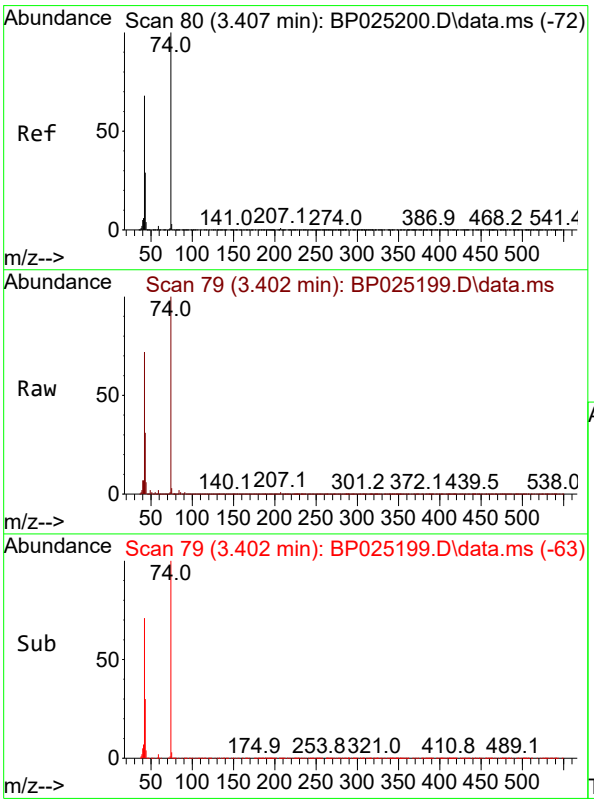

#3
Pyridine
Concen: 19.772 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 778928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.0 | 50.2 | 75.4 |
| 51 | 31.6 | 25.0 | 37.4 |

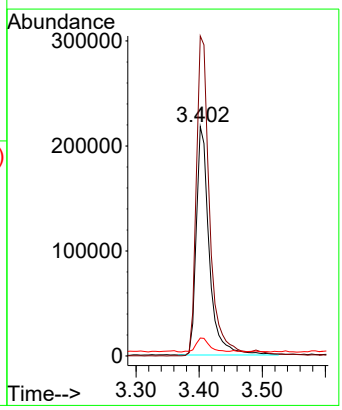


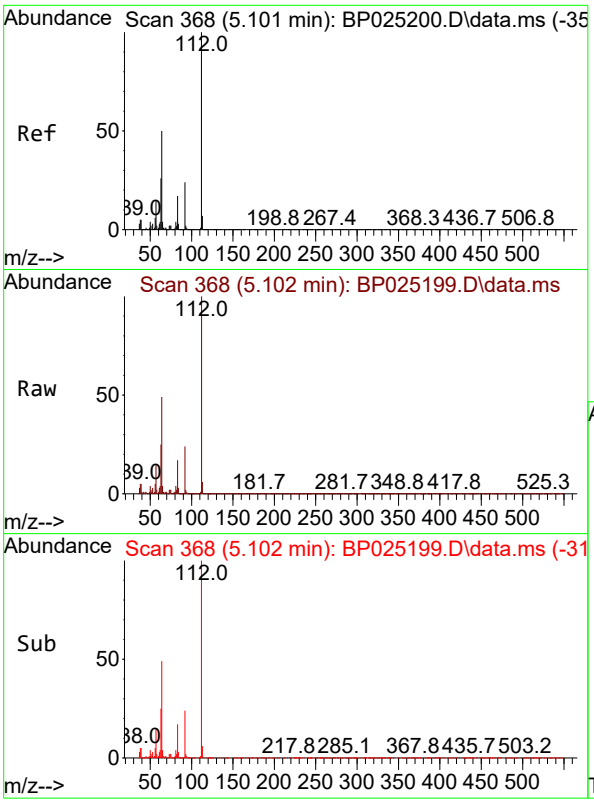




#4
n-Nitrosodimethylamine
Concen: 19.886 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 42 Resp: 309184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 139.5 | 118.0 | 177.0 |
| 44 | 7.8 | 5.5 | 8.3 |



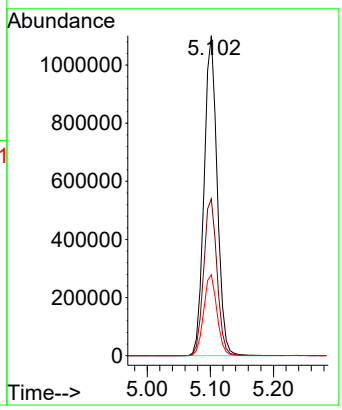


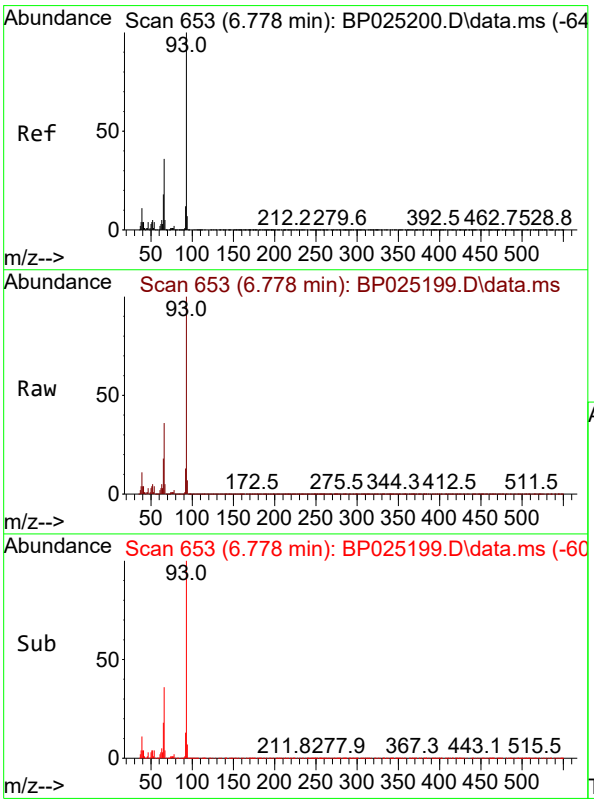

#5
2-Fluorophenol
Concen: 40.080 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:112 Resp: 1586240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.0 | 39.8 | 59.6 |
| 63 | 25.3 | 20.5 | 30.7 |

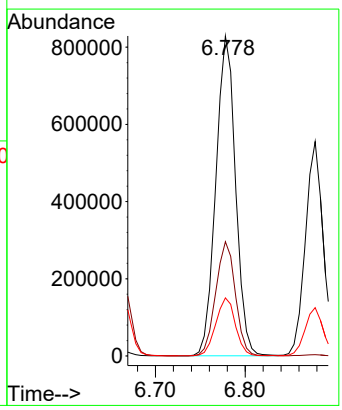


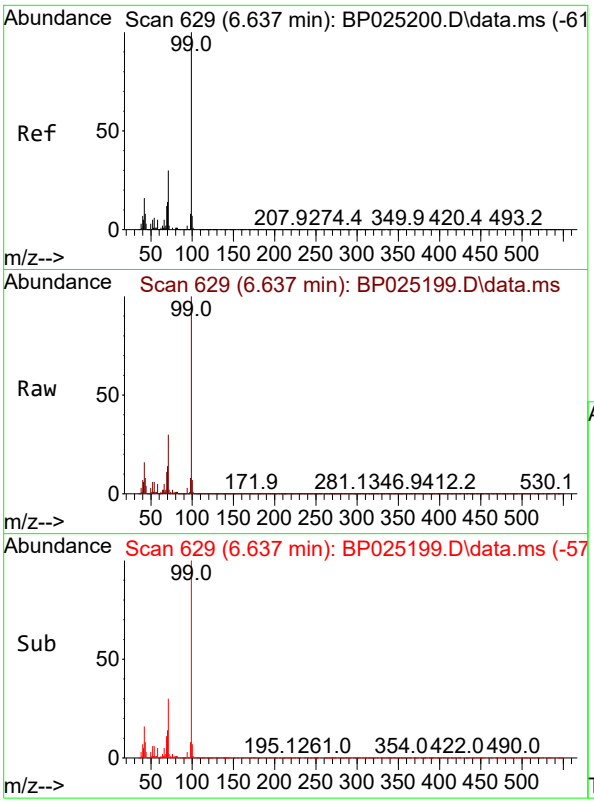




#6
Aniline
Concen: 19.904 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1264692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



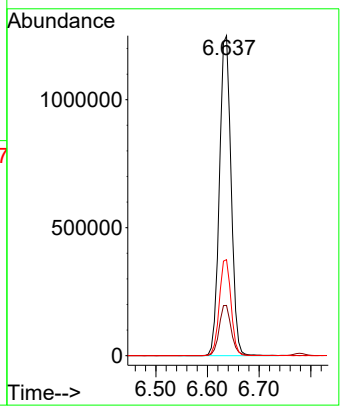


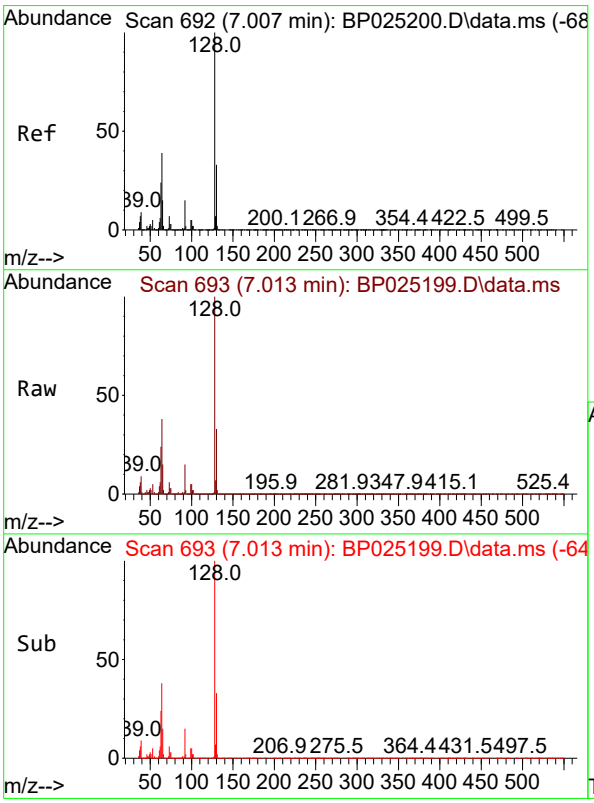

#7
Phenol-d6
Concen: 39.965 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 99 Resp: 1952718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.0 | 24.2 | 36.2 |

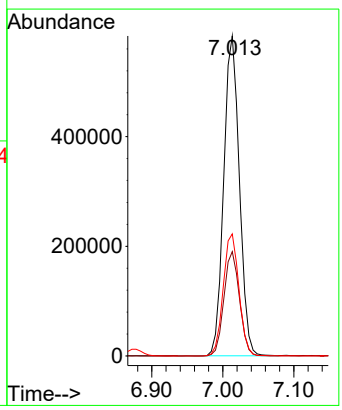


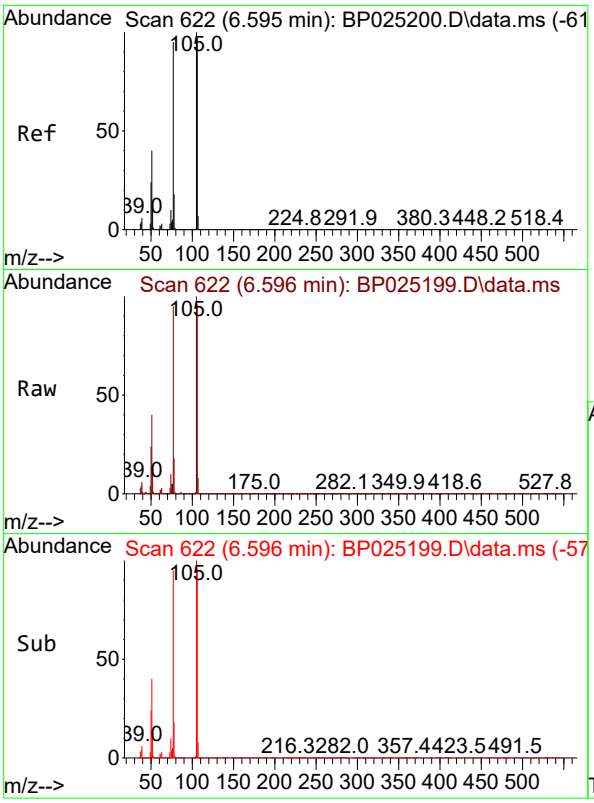




#8
2-Chlorophenol
Concen: 19.986 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:128 Resp: 890007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 38.2 | 19.2 | 59.2 |



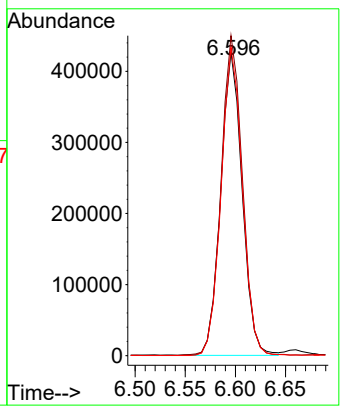


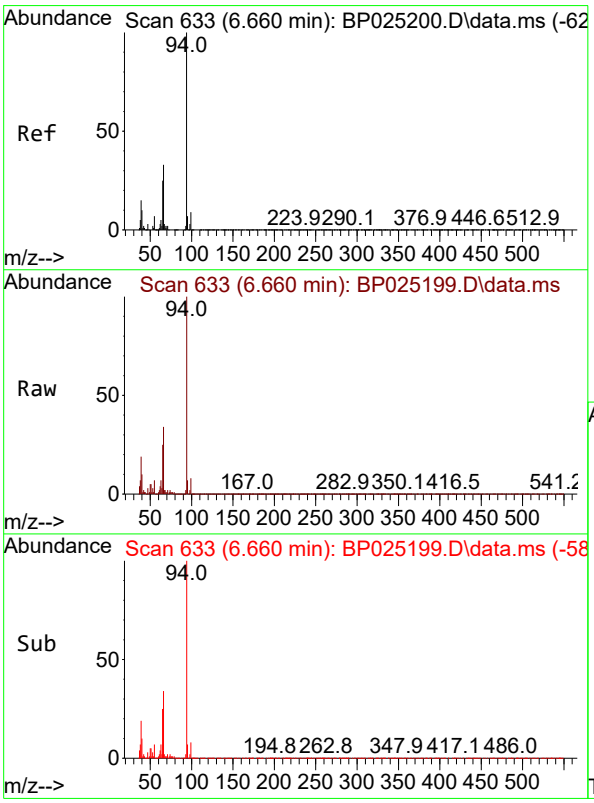

#9
Benzaldehyde
Concen: 18.066 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 630829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.5 | 85.5 | 125.5 |
| 106 | 101.6 | 81.9 | 121.9 |

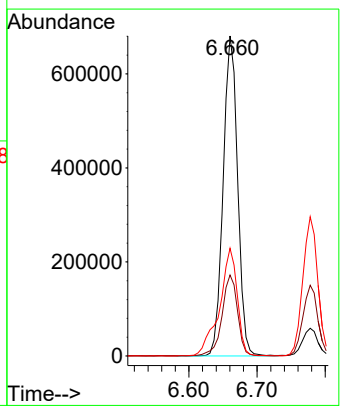


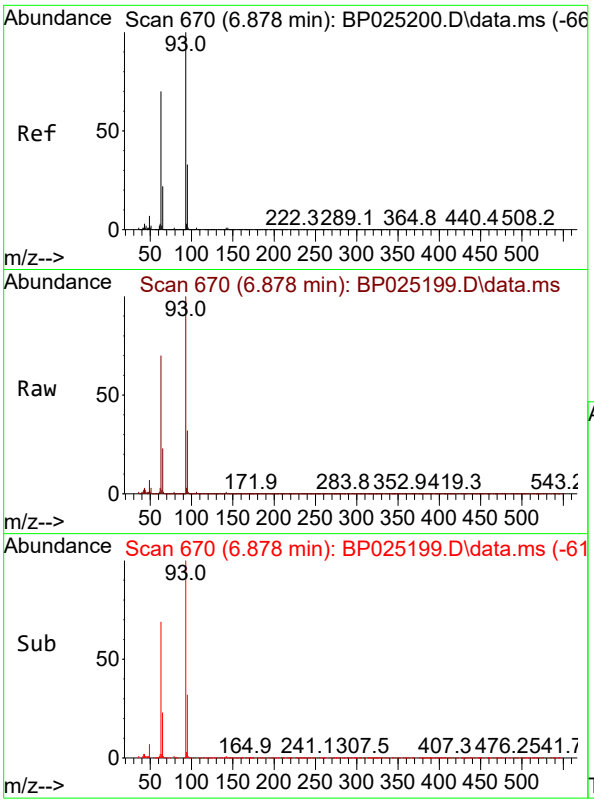




#10
Phenol
Concen: 19.897 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 94 Resp: 1005845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.3 | 5.4 | 45.4 |
| 66 | 33.6 | 13.5 | 53.5 |



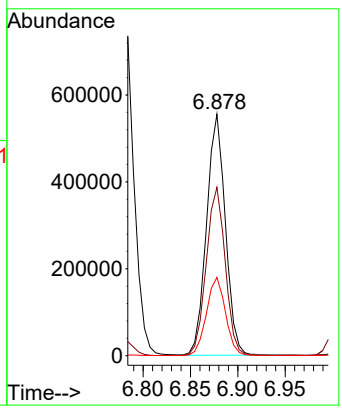


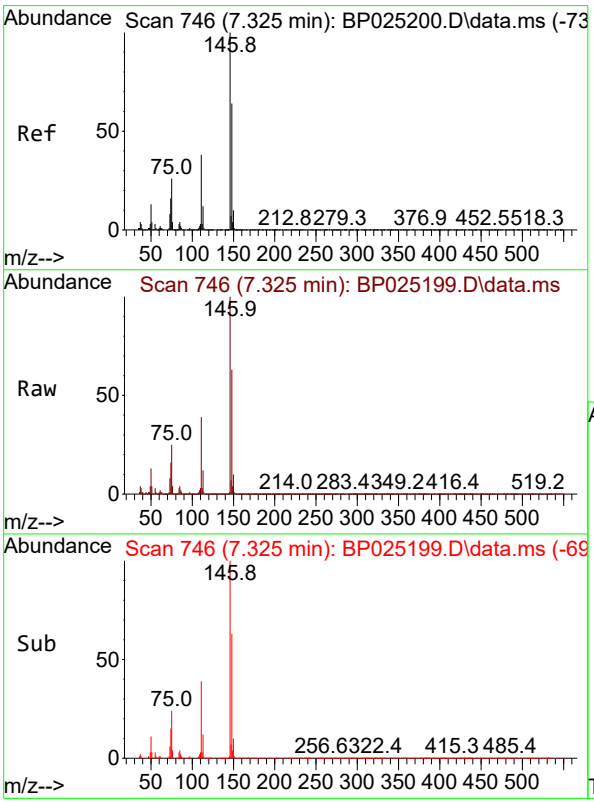

#11
bis(2-Chloroethyl)ether
Concen: 19.703 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 93 Resp: 764760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.7 | 50.0 | 90.0 |
| 95 | 32.4 | 12.9 | 52.9 |

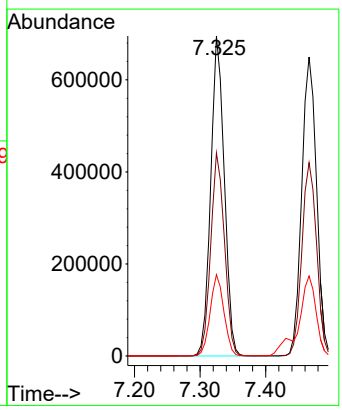


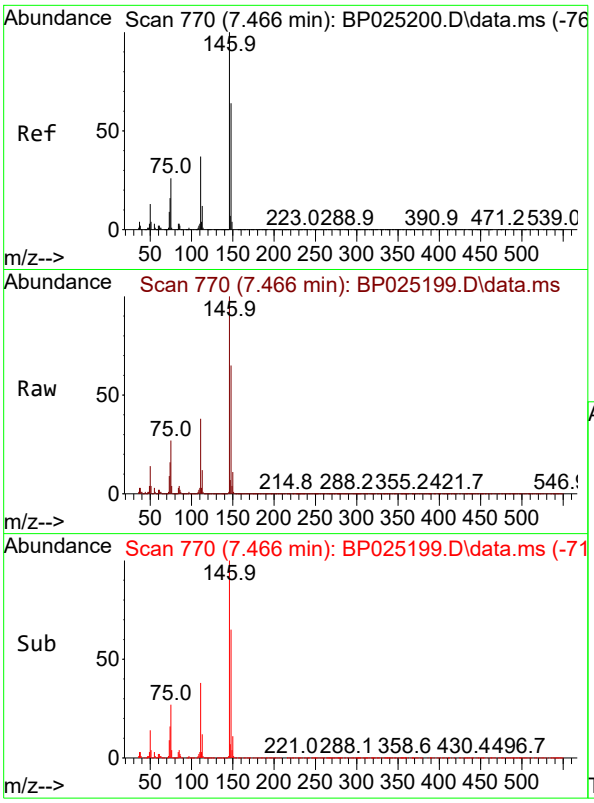




#12
1,3-Dichlorobenzene
Concen: 19.812 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 1000926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.4 | 77.0 |
| 75 | 25.4 | 20.6 | 31.0 |



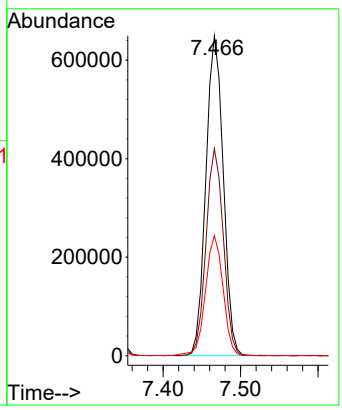


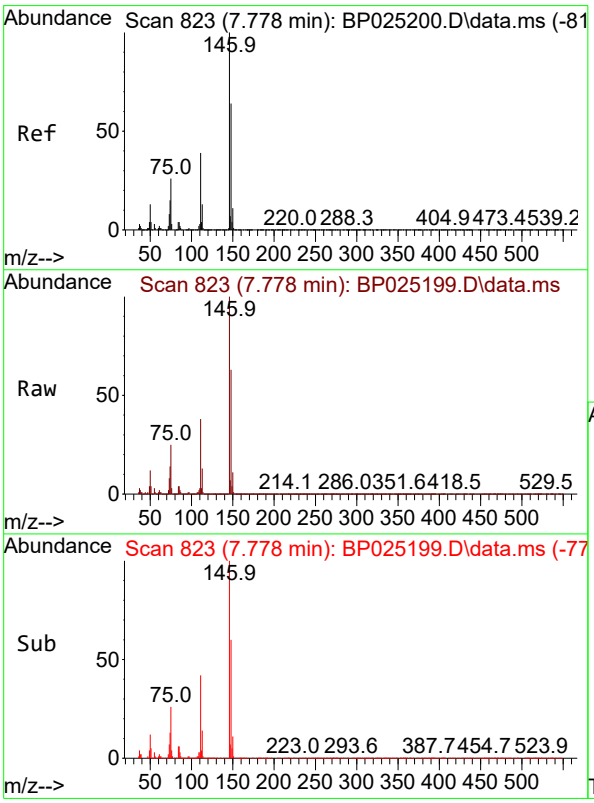

#13
1,4-Dichlorobenzene
Concen: 19.869 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:146 Resp: 1012968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 37.5 | 29.9 | 44.9 |

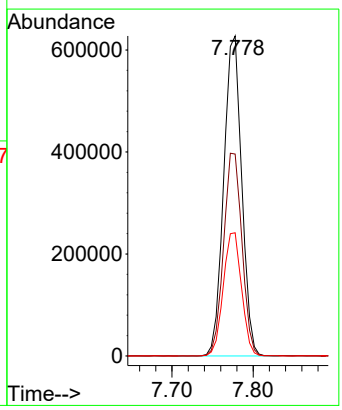


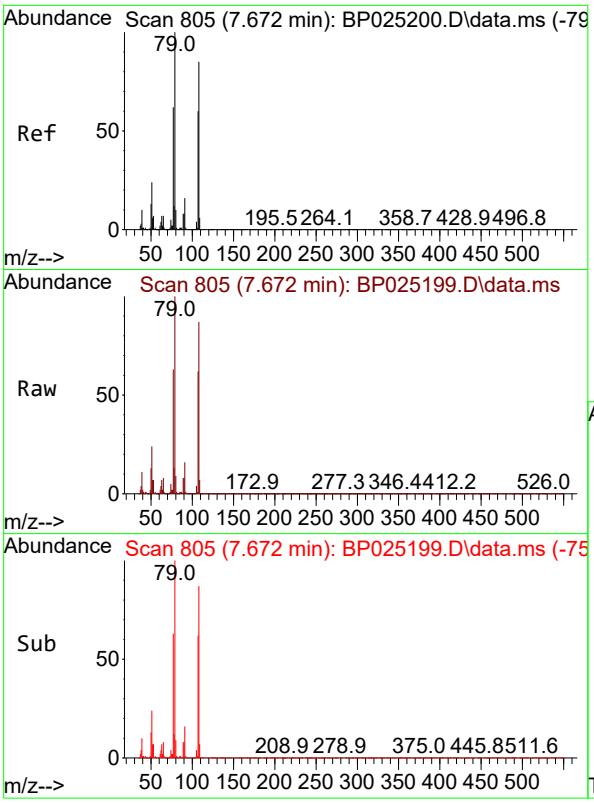




#14
1,2-Dichlorobenzene
Concen: 19.719 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:146 Resp: 966008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 51.5 | 77.3 |
| 111 | 38.5 | 31.3 | 46.9 |



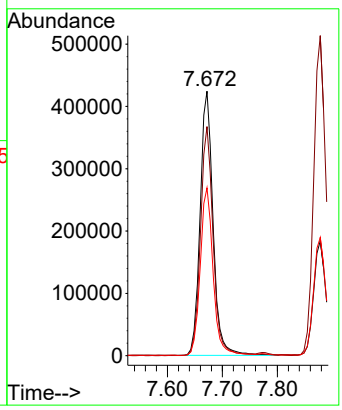


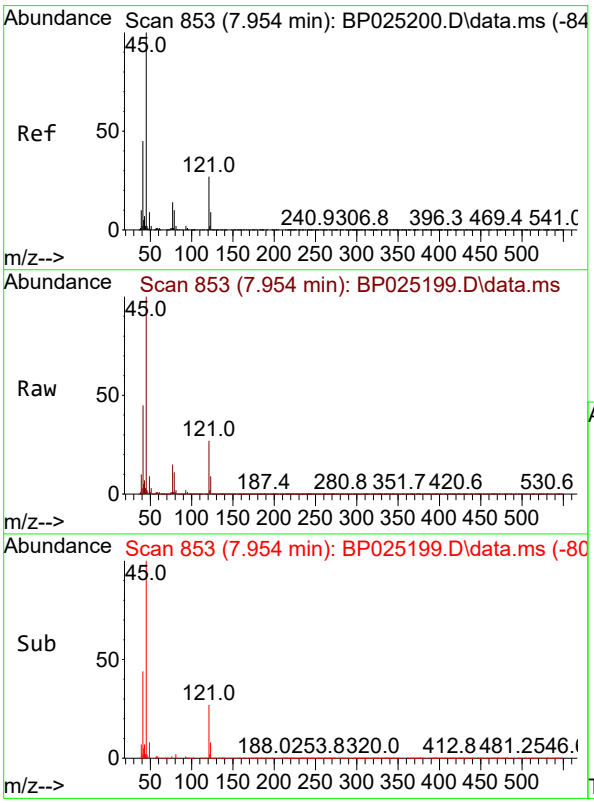

#15
Benzyl Alcohol
Concen: 19.845 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 695033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 86.6 | 67.8 | 101.6 |
| 77 | 63.4 | 49.9 | 74.9 |

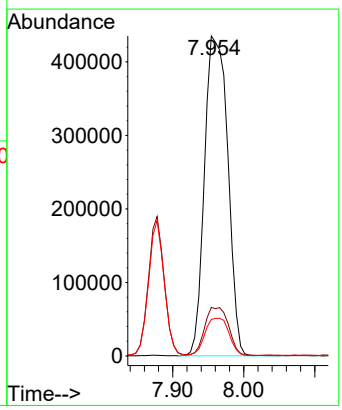


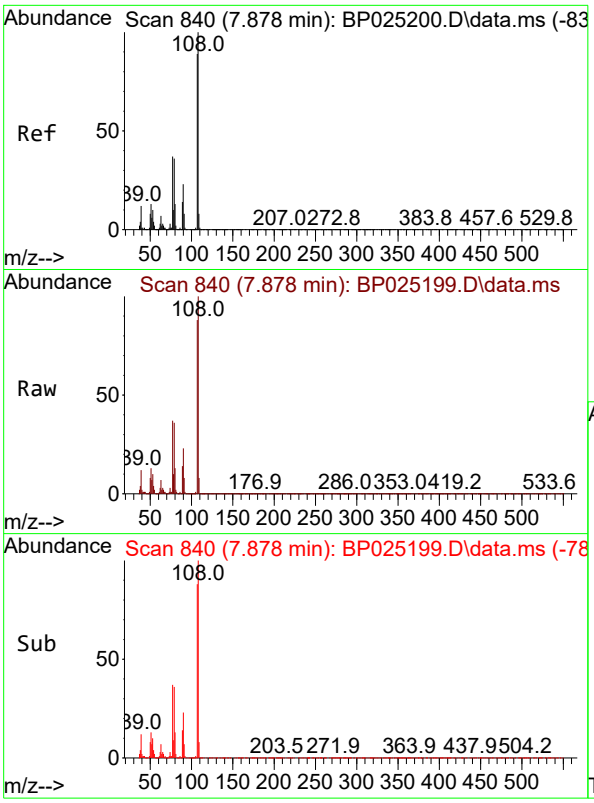




#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.879 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 45 Resp: 989741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.2 | 0.0 | 36.0 |
| 79 | 11.4 | 0.0 | 31.7 |



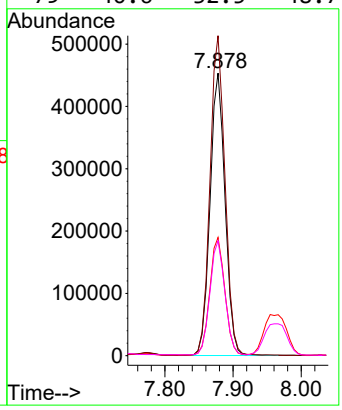


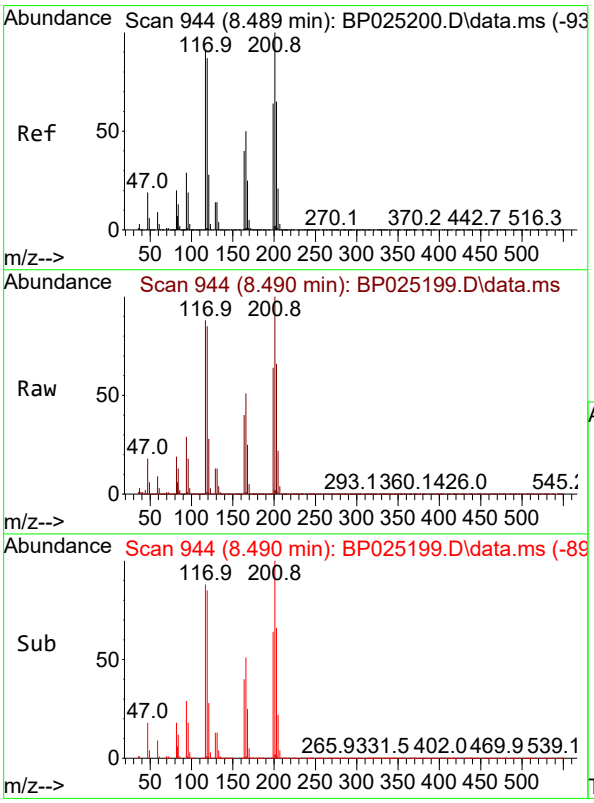

#17
2-Methylphenol
Concen: 19.906 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:107 Resp: 696041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.3 | 89.8 | 134.8 |
| 77 | 41.9 | 33.2 | 49.8 |
| 79 | 40.6 | 32.5 | 48.7 |

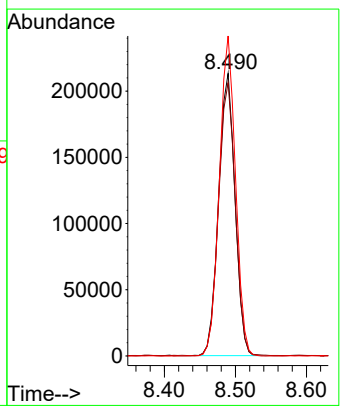


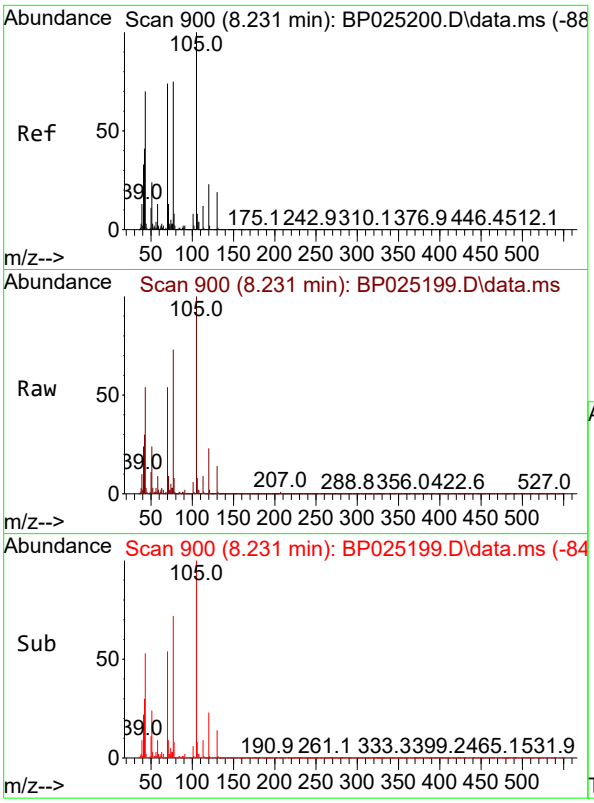




#18
Hexachloroethane
Concen: 19.645 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:117 Resp: 341991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 77.0 | 115.6 |
| 201 | 113.3 | 88.3 | 132.5 |



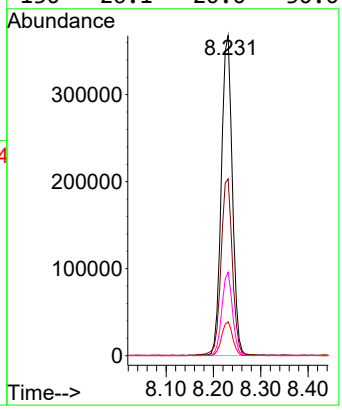


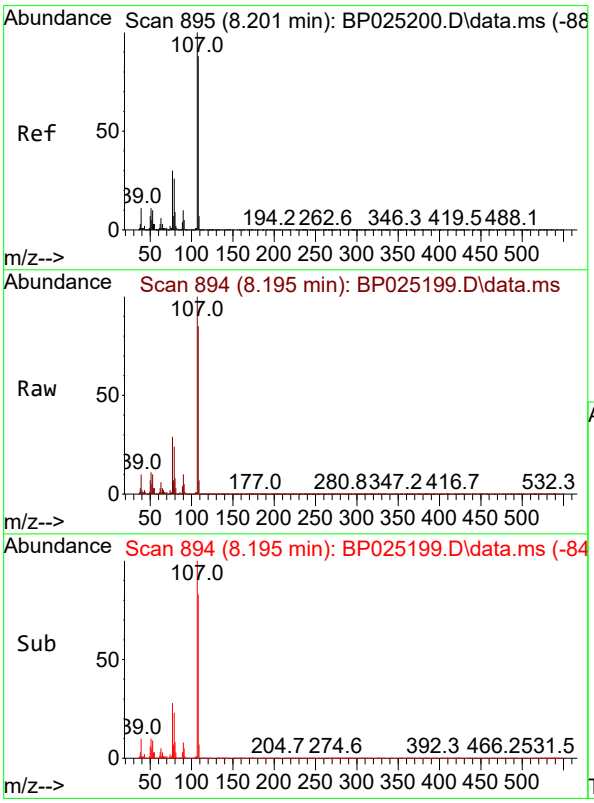

#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 70 Resp: 594405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.3 | 44.2 | 66.2 |
| 101 | 10.6 | 8.6 | 12.8 |
| 130 | 26.1 | 20.0 | 30.0 |

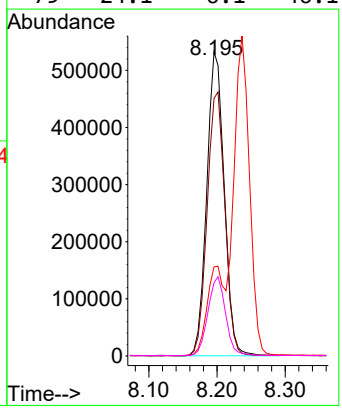


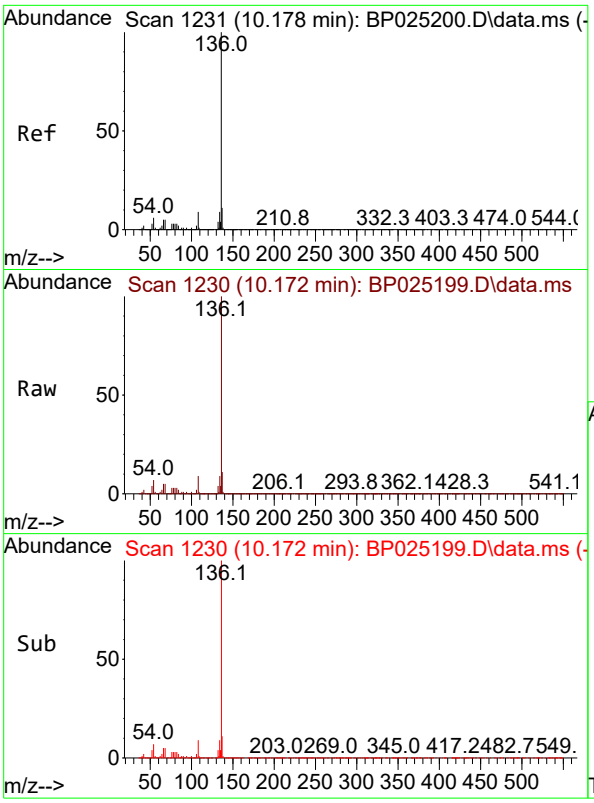




#20
3+4-Methylphenols
Concen: 19.881 ng
RT: 8.195 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 949514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.7 | 67.8 | 107.8 |
| 77 | 29.3 | 10.3 | 50.3 |
| 79 | 24.1 | 6.1 | 46.1 |



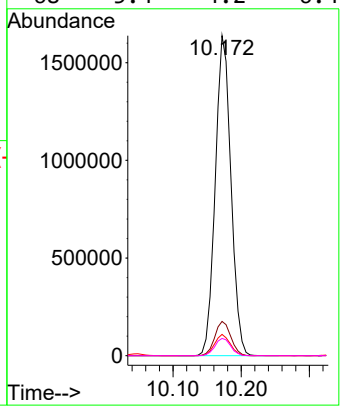


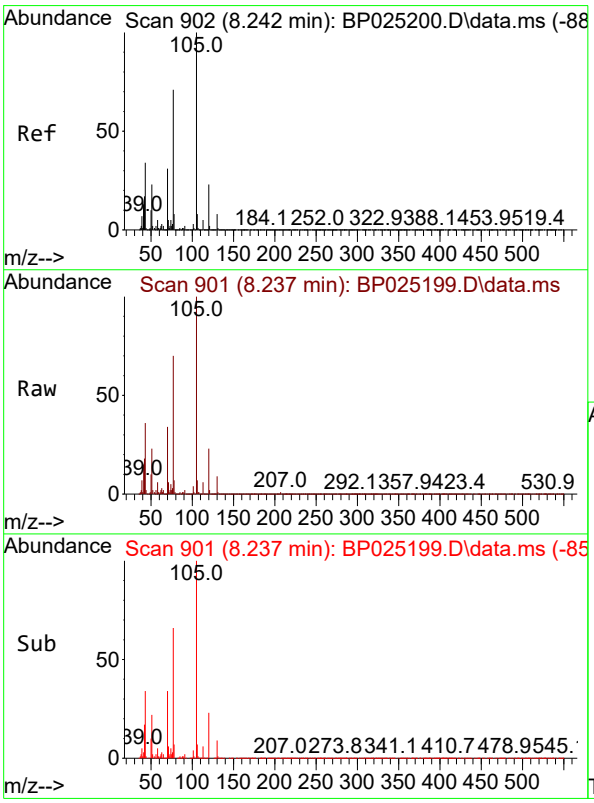

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:136 Resp: 2624373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.7 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |

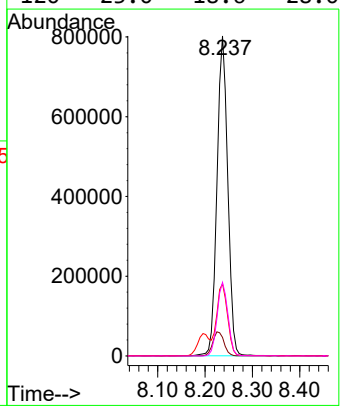


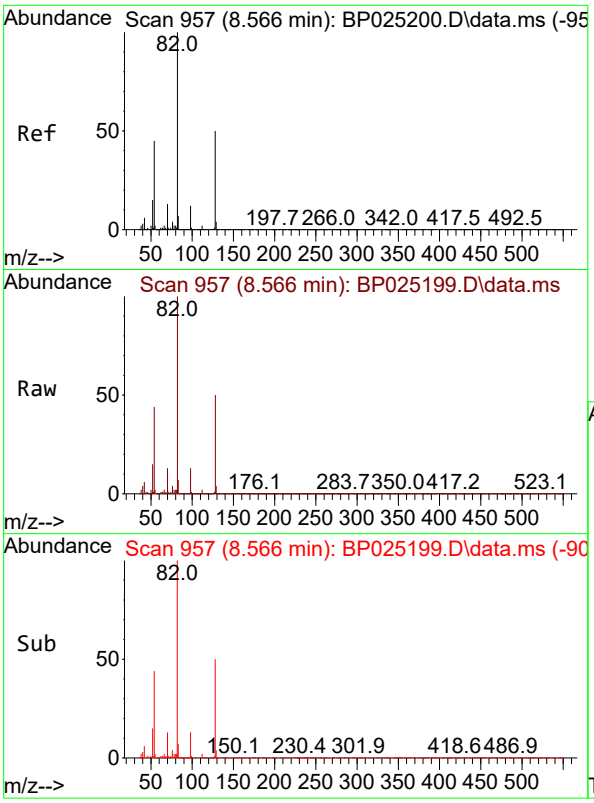




#22
Acetophenone
Concen: 20.349 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:105 Resp: 1264897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.8 | 4.1 | 6.1 |
| 51 | 22.6 | 18.5 | 27.7 |
| 120 | 23.0 | 18.6 | 28.0 |



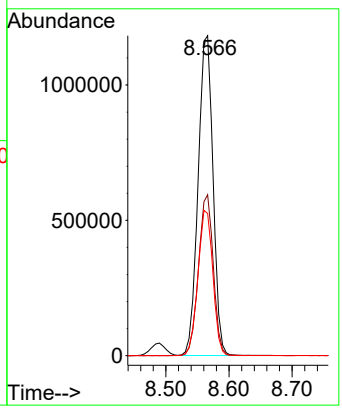


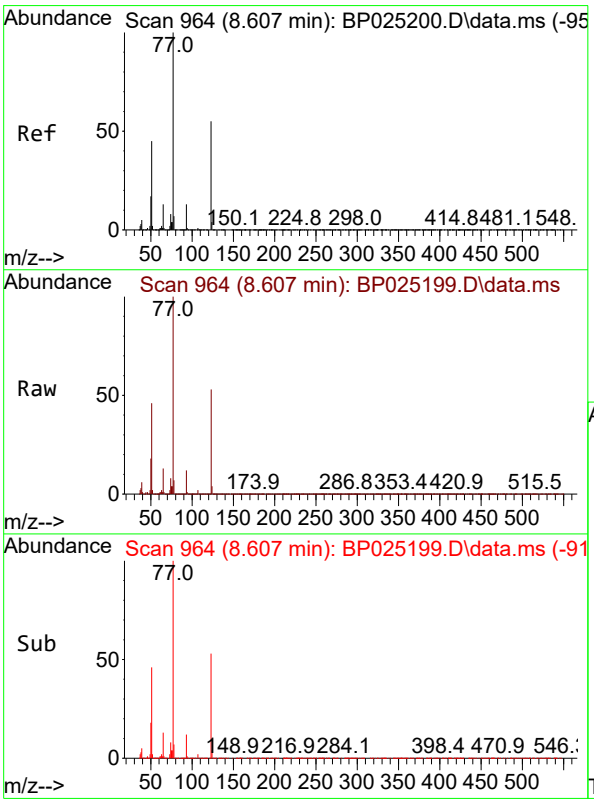

#23
Nitrobenzene-d5
Concen: 40.469 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 1937093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.3 | 40.2 | 60.4 |
| 54 | 44.5 | 36.3 | 54.5 |

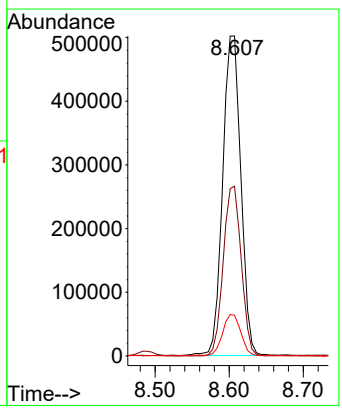


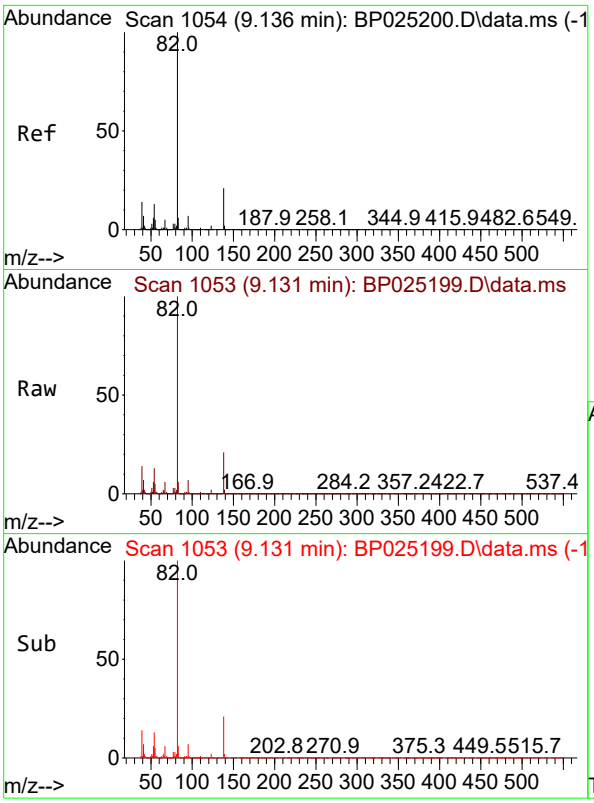




#24
Nitrobenzene
Concen: 20.145 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 77 Resp: 854569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.0 | 43.6 | 65.4 |
| 65 | 12.8 | 10.2 | 15.2 |



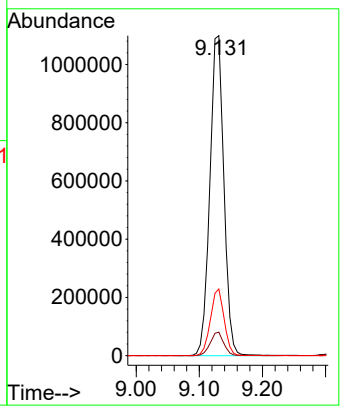


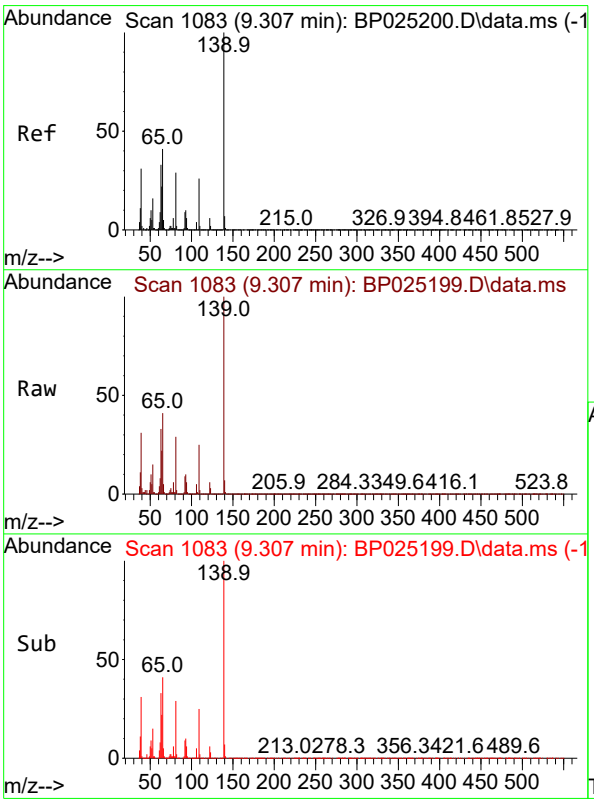

#25
Isophorone
Concen: 20.239 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 1696703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.6 | 8.4 |
| 138 | 20.9 | 16.6 | 25.0 |

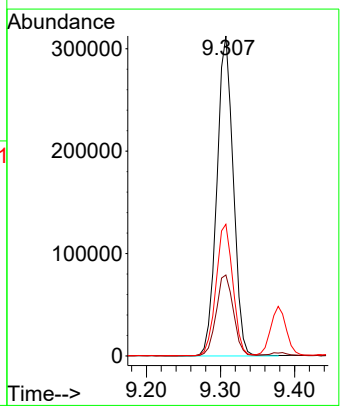


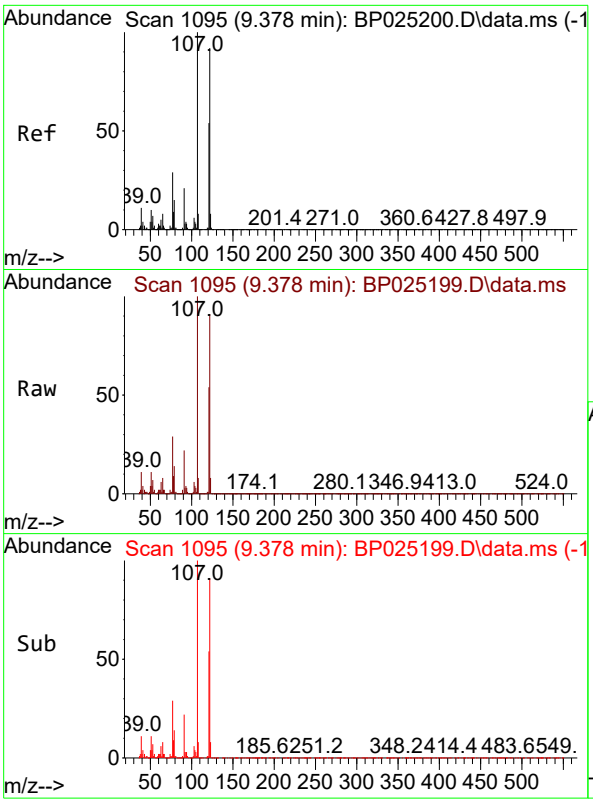




#26
2-Nitrophenol
Concen: 20.136 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 480785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.3 | 21.0 | 31.6 |
| 65 | 41.1 | 32.7 | 49.1 |



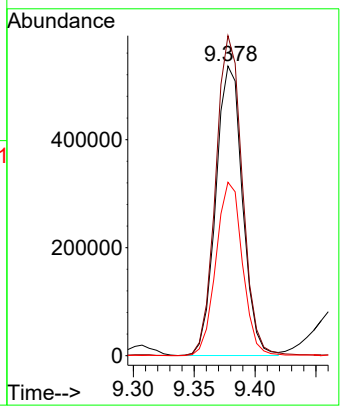


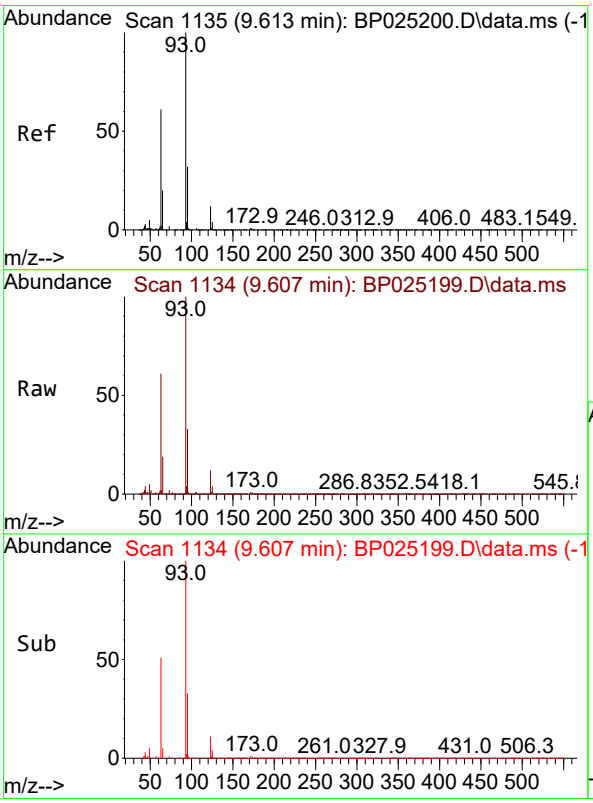

#27
2,4-Dimethylphenol
Concen: 20.144 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:122 Resp: 818802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.5 | 87.0 | 130.4 |
| 121 | 59.9 | 46.7 | 70.1 |

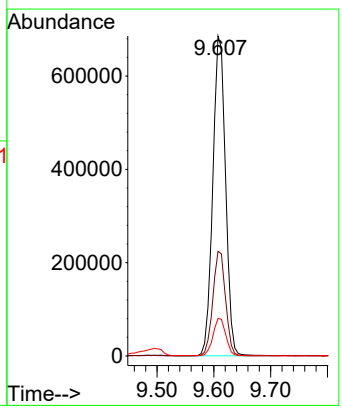


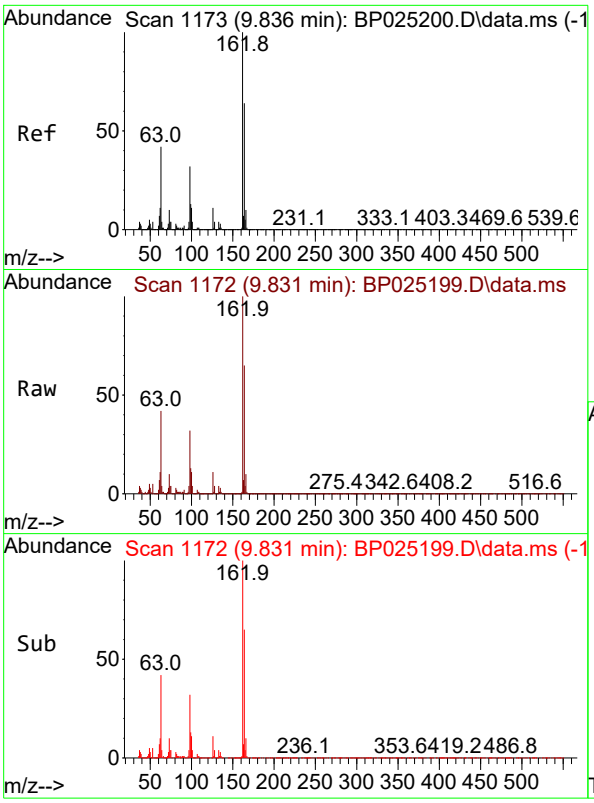




#28
bis(2-Chloroethoxy)methane
Concen: 20.235 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 93 Resp: 1064963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 11.8 | 9.8 | 14.6 |



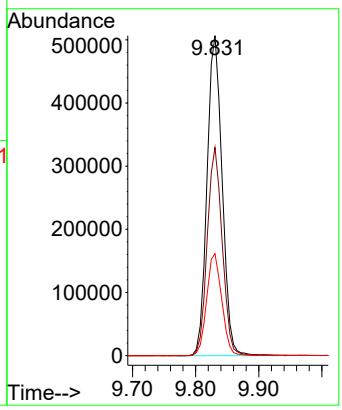


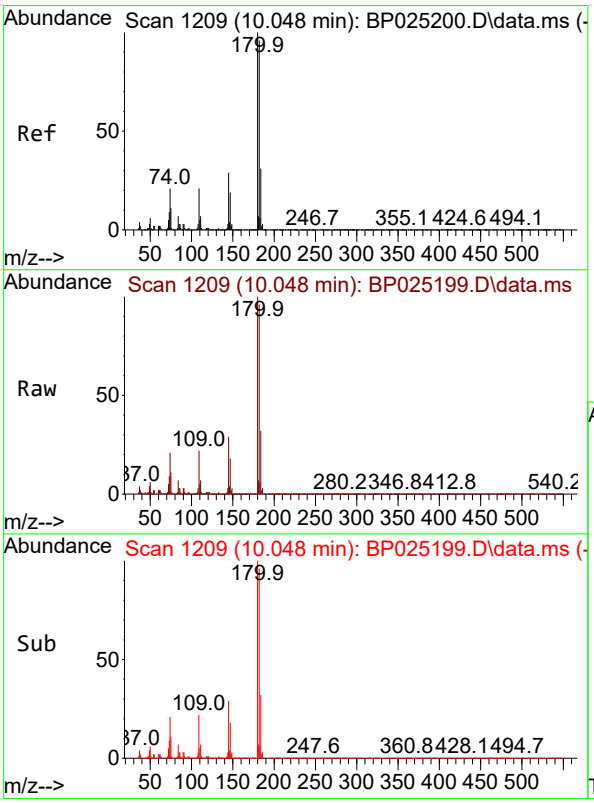

#29
2,4-Dichlorophenol
Concen: 20.169 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 840876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.0 | 44.2 | 84.2 |
| 98 | 31.9 | 11.7 | 51.7 |

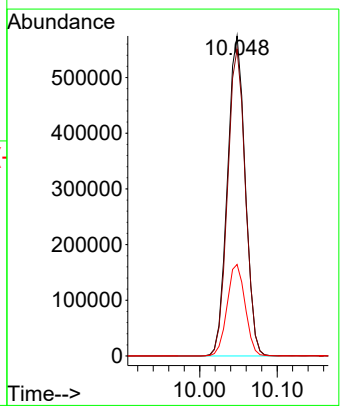


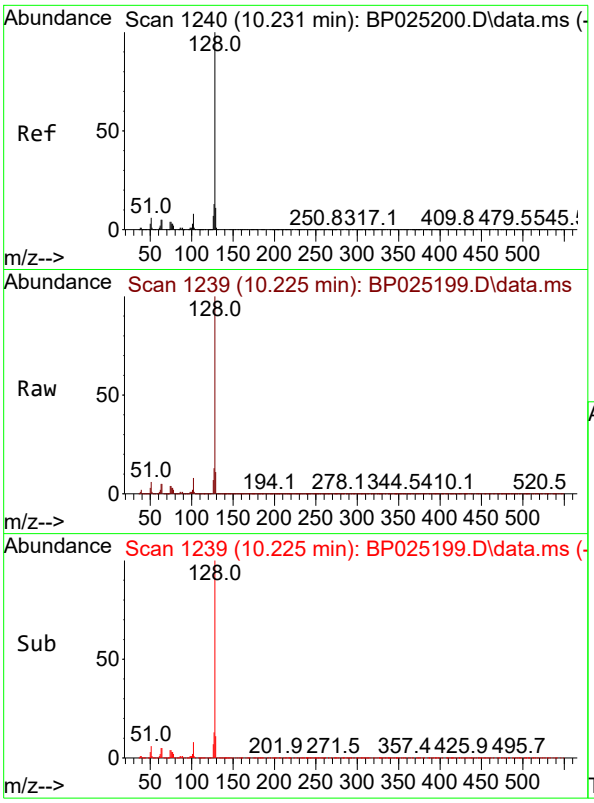




#30
1,2,4-Trichlorobenzene
Concen: 19.972 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:180 Resp: 916180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 76.7 | 115.1 |
| 145 | 28.6 | 23.5 | 35.3 |



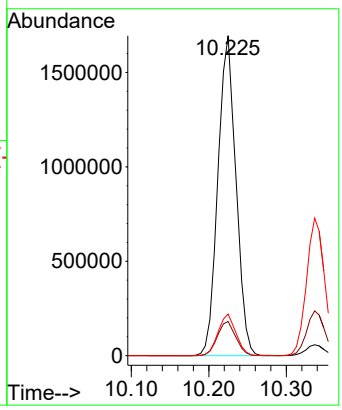


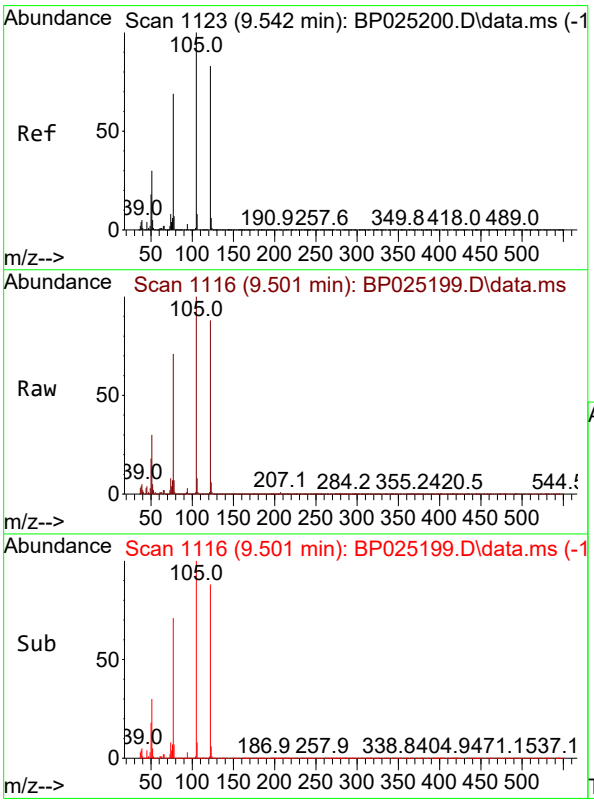

#31
Naphthalene
Concen: 20.078 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:128 Resp: 2744118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.4 |
| 127 | 13.0 | 10.4 | 15.6 |

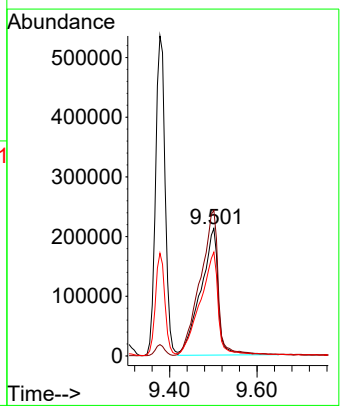


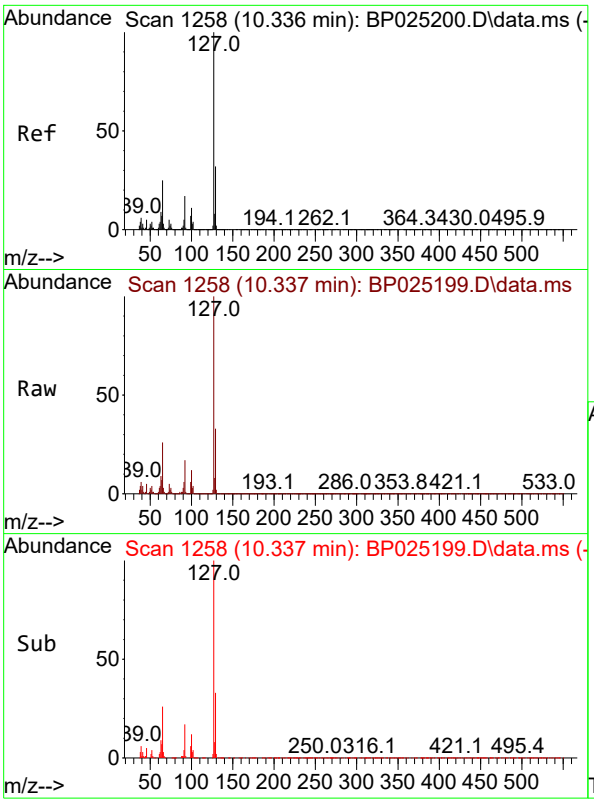




#32
Benzoic acid
Concen: 19.955 ng
RT: 9.501 min Scan# 1116
Delta R.T. -0.041 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:122 Resp: 592400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 114.2 | 98.1 | 138.1 |
| 77 | 81.5 | 62.7 | 102.7 |



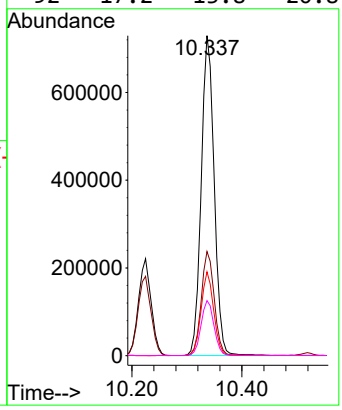


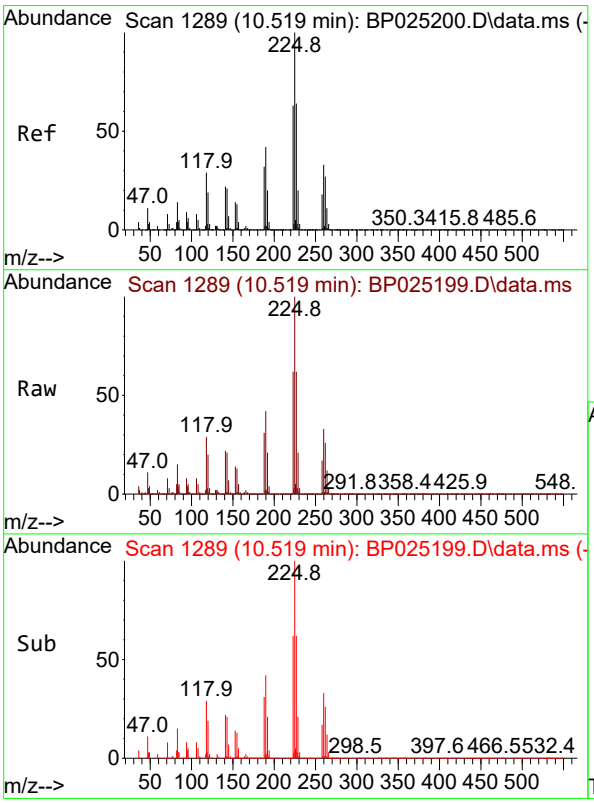

#33
4-Chloroaniline
Concen: 20.146 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:127 Resp: 1195494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.9 | 38.9 |
| 65 | 26.2 | 20.2 | 30.4 |
| 92 | 17.2 | 13.8 | 20.8 |

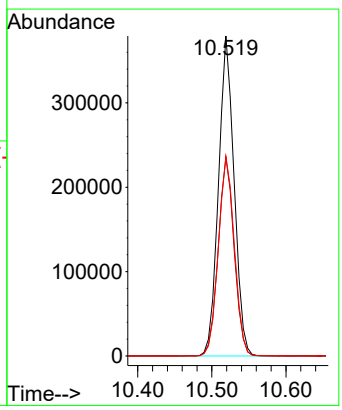


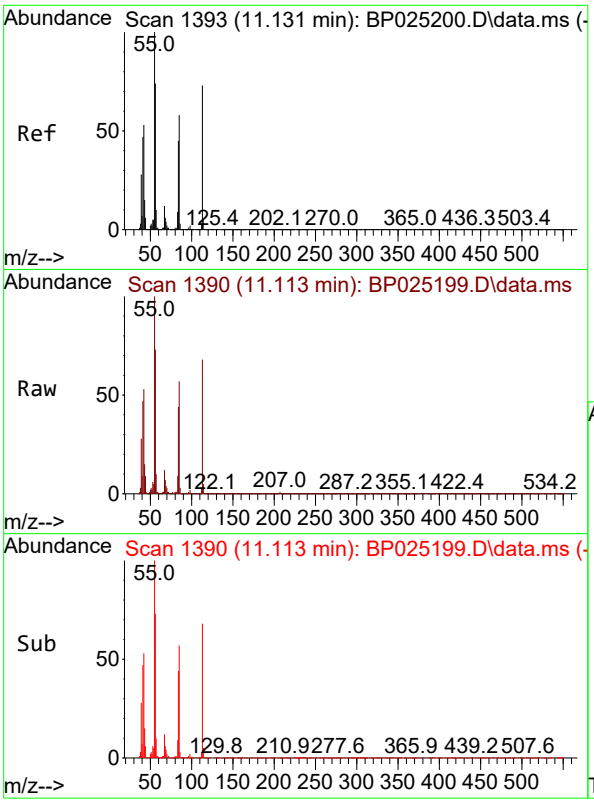




#34
Hexachlorobutadiene
Concen: 20.117 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:225 Resp: 554225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 50.1 | 75.1 |
| 227 | 62.4 | 51.4 | 77.0 |



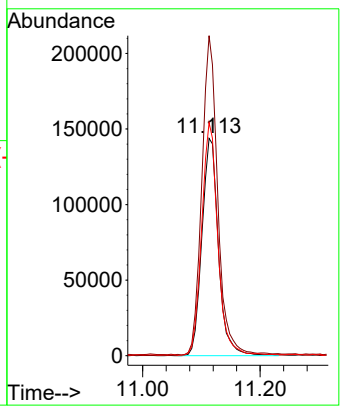


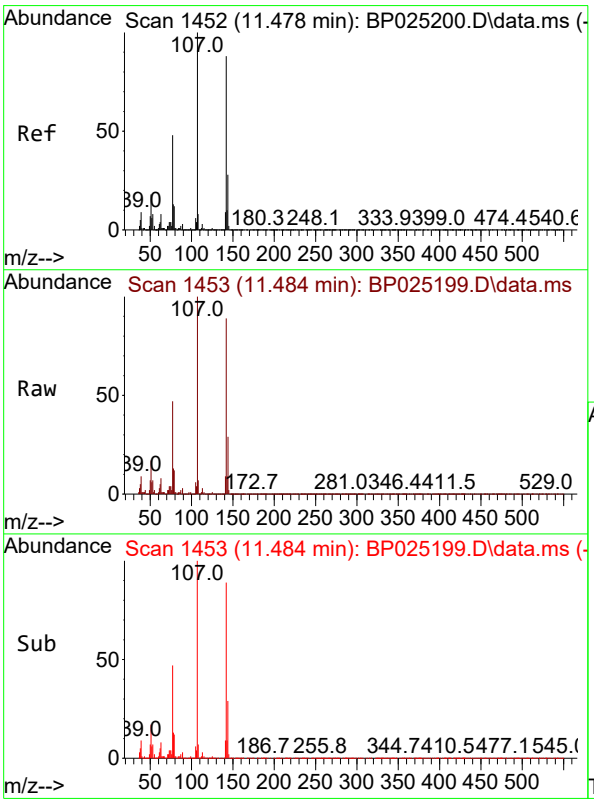

#35
Caprolactam
Concen: 20.409 ng
RT: 11.113 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:113 Resp: 280019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 147.3 | 117.6 | 157.6 |
| 56 | 107.3 | 82.4 | 122.4 |

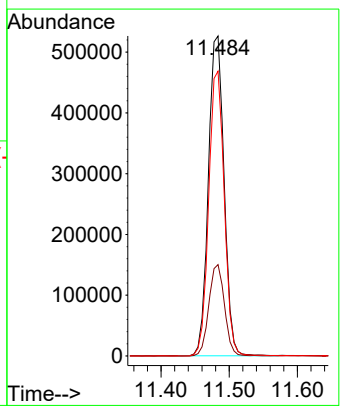


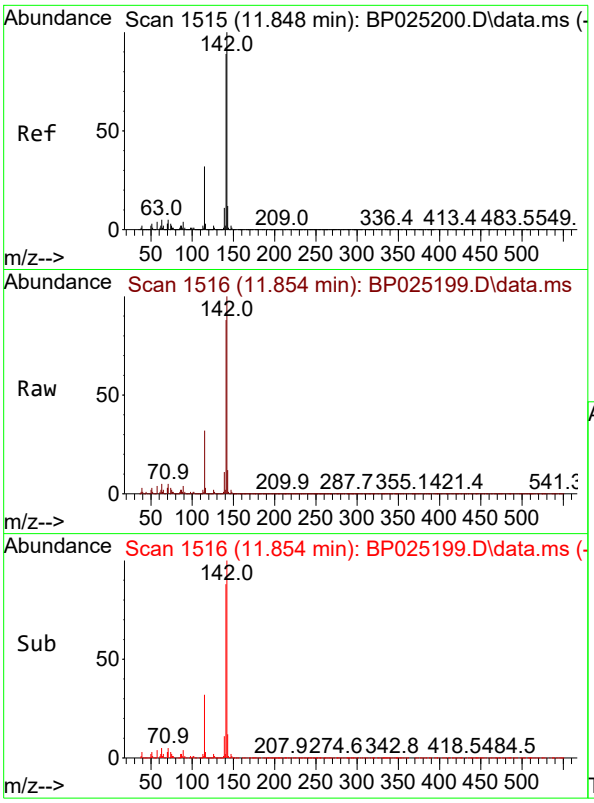




#36
4-Chloro-3-methylphenol
Concen: 20.298 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:107 Resp: 845122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.6 | 22.5 | 33.7 |
| 142 | 89.0 | 70.6 | 105.8 |



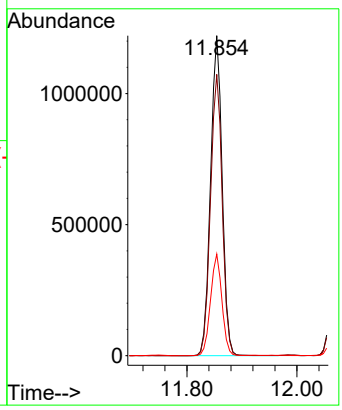


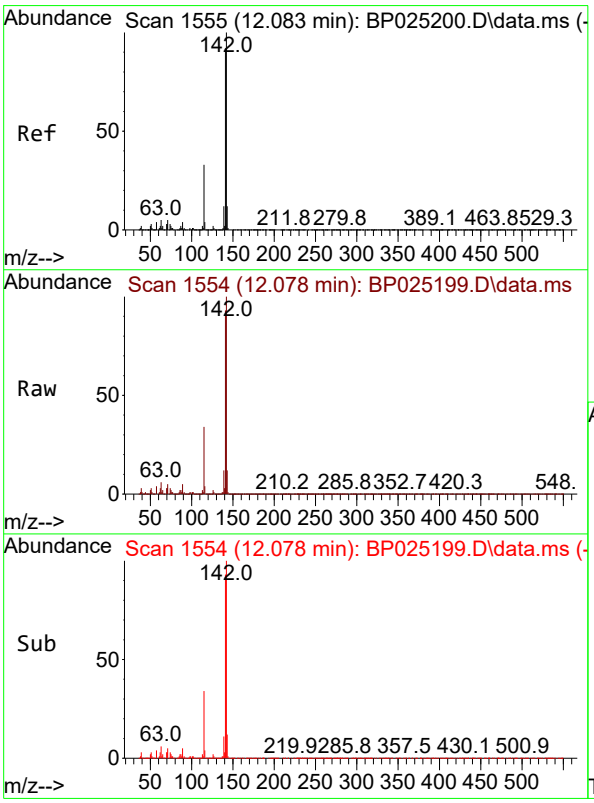

#37
2-Methylnaphthalene
Concen: 20.219 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:142 Resp: 1787280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 71.2 | 106.8 |
| 115 | 31.8 | 25.3 | 37.9 |

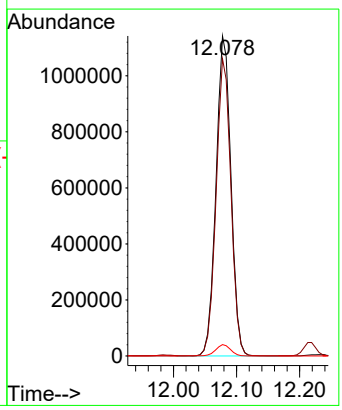


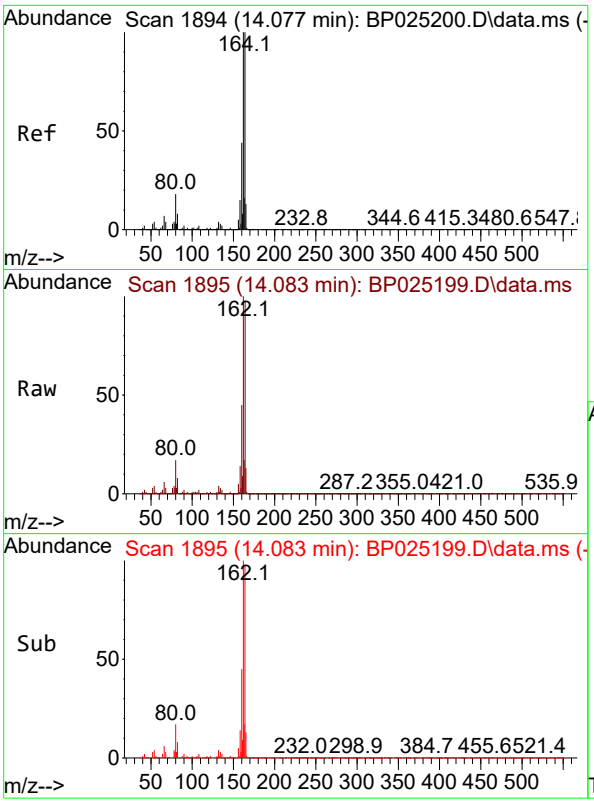




#38
1-Methylnaphthalene
Concen: 20.091 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:142 Resp: 1873159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.8 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



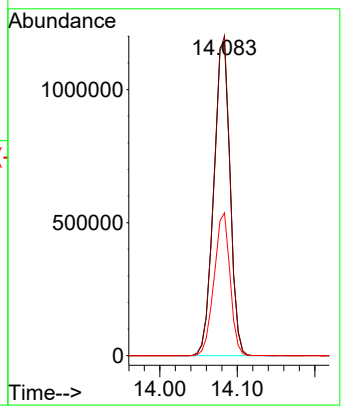


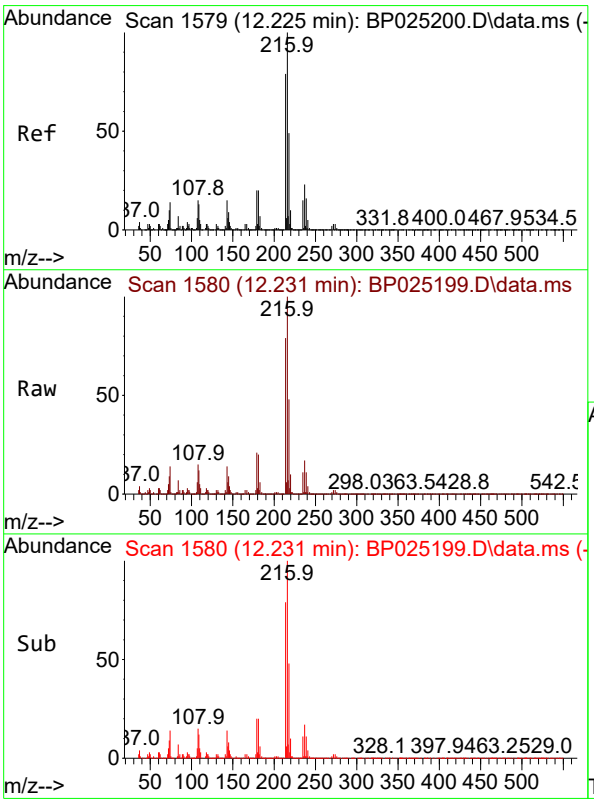

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:164 Resp: 1725537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.3 | 120.5 |
| 160 | 45.5 | 35.7 | 53.5 |

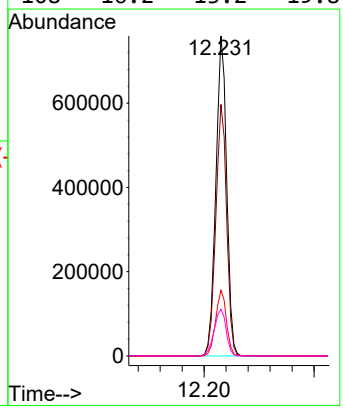


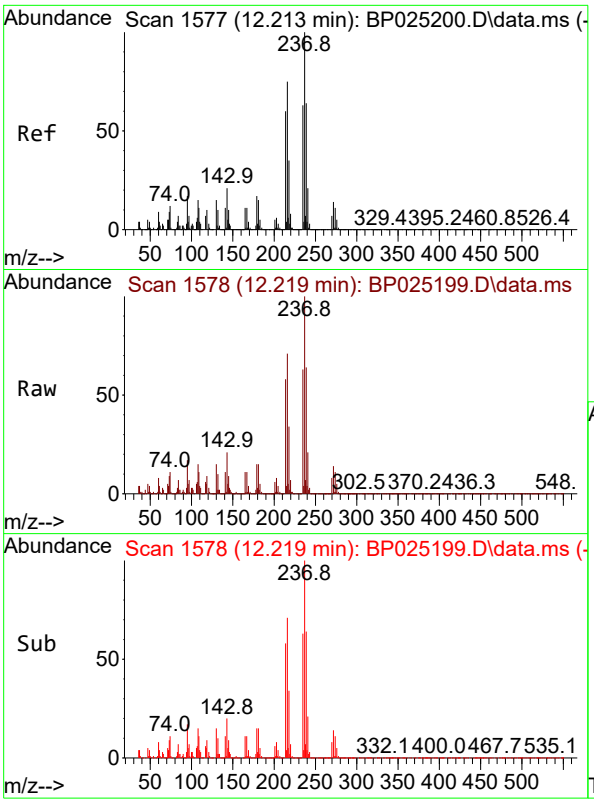




#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.852 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:216 Resp: 1037365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.2 | 13.2 | 19.8 |



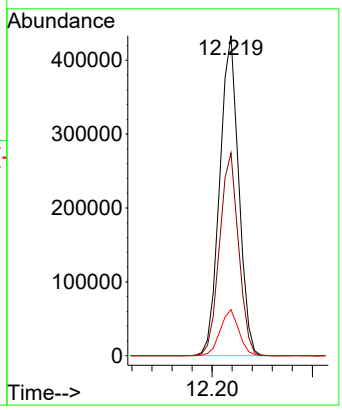


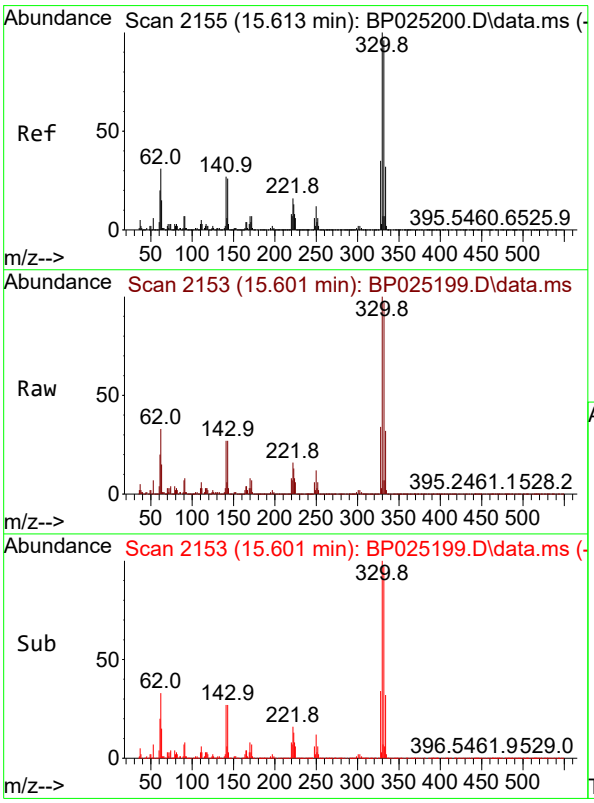

#41
Hexachlorocyclopentadiene
Concen: 19.172 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:237 Resp: 568117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 42.7 | 82.7 |
| 272 | 14.4 | 0.0 | 33.6 |

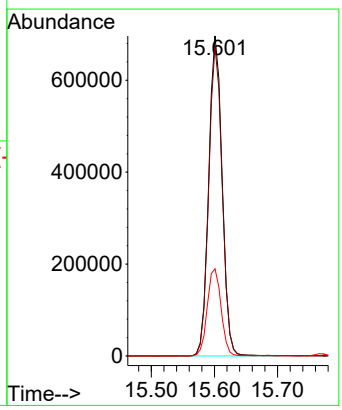


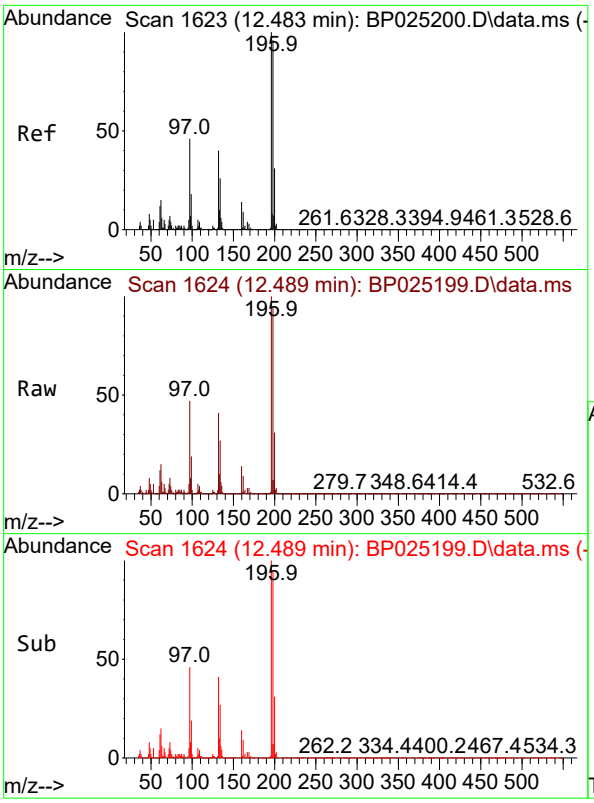




#42
2,4,6-Tribromophenol
Concen: 40.082 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:330 Resp: 1028445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.1 | 115.7 |
| 141 | 28.0 | 22.4 | 33.6 |



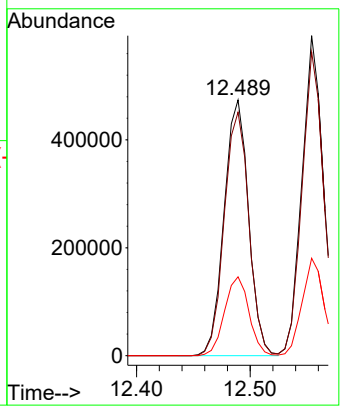


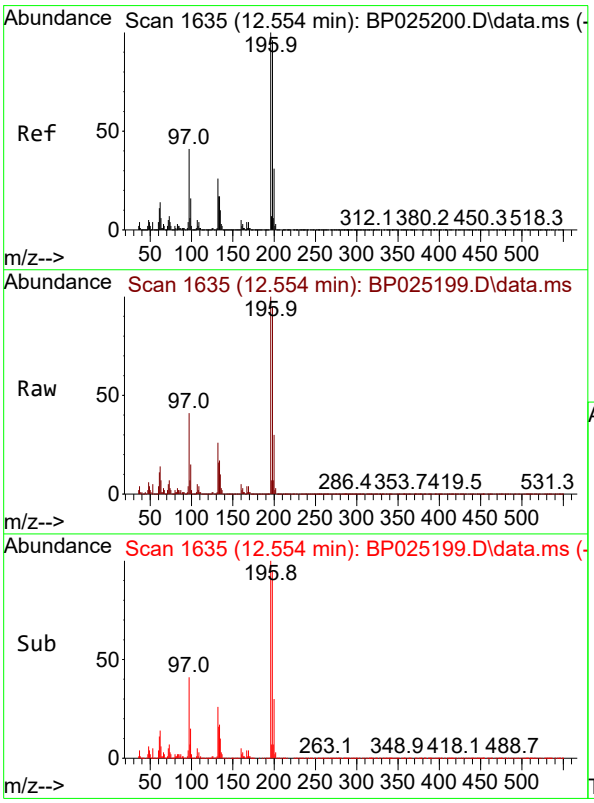

#43
2,4,6-Trichlorophenol
Concen: 20.126 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:196 Resp: 710607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 76.6 | 114.8 |
| 200 | 30.9 | 24.7 | 37.1 |

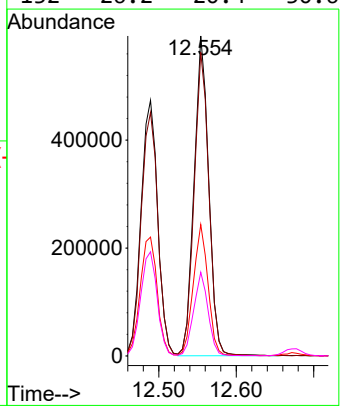


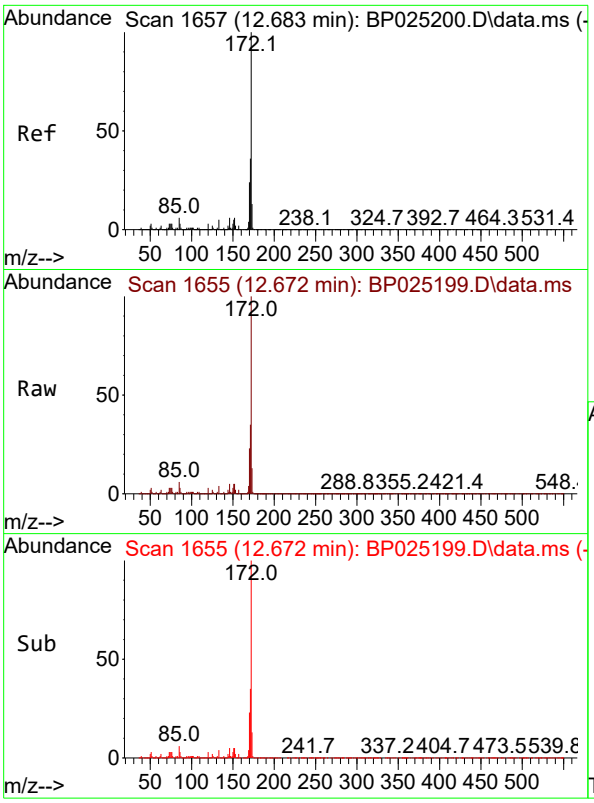




#44
2,4,5-Trichlorophenol
Concen: 20.021 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:196 Resp: 779183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.9 | 76.7 | 115.1 |
| 97 | 41.0 | 33.0 | 49.4 |
| 132 | 26.2 | 20.4 | 30.6 |



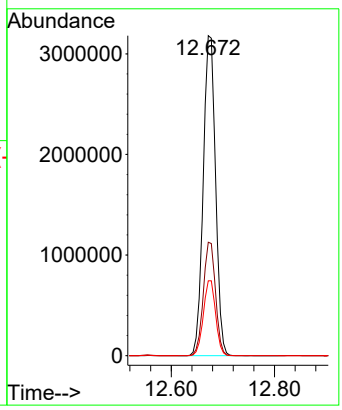


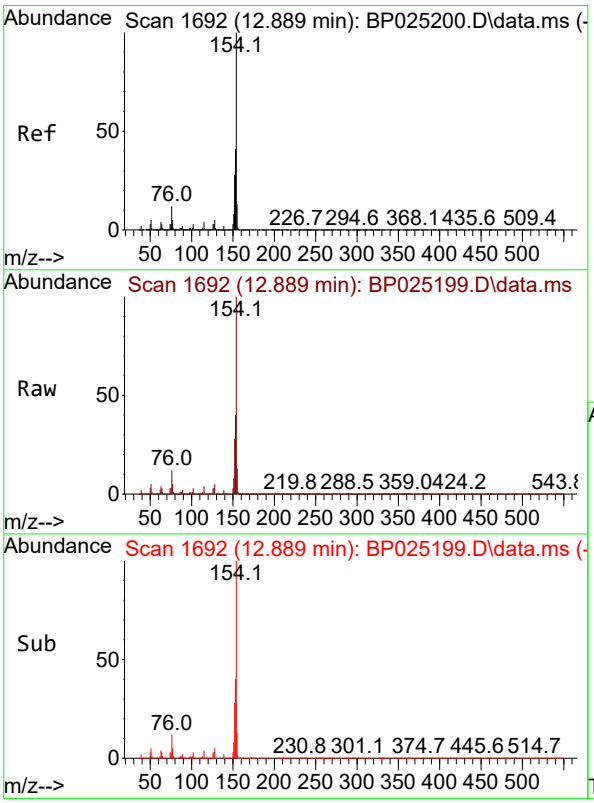

#45
2-Fluorobiphenyl
Concen: 40.382 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:172 Resp: 5263353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.4 | 19.2 | 28.8 |

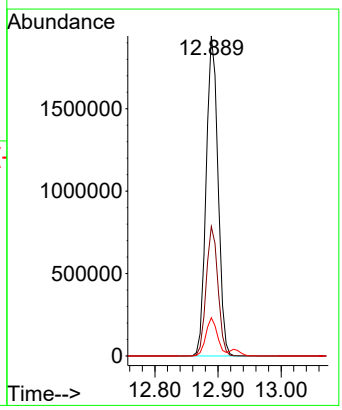


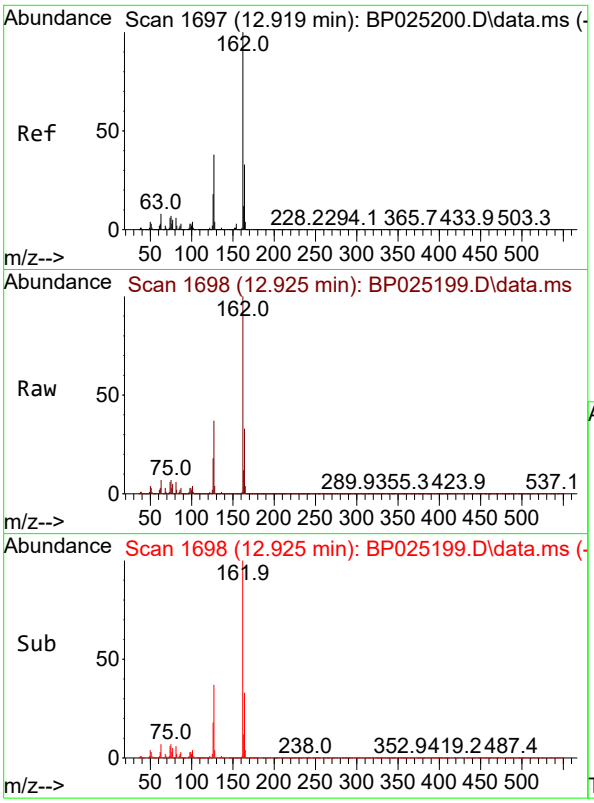




#46
1,1'-Biphenyl
Concen: 19.863 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 2534298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |



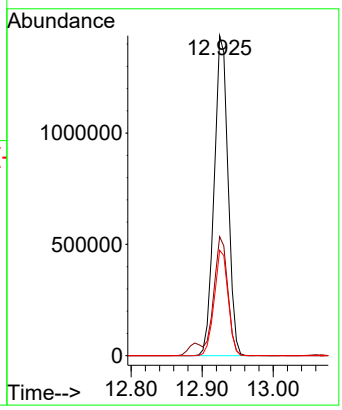


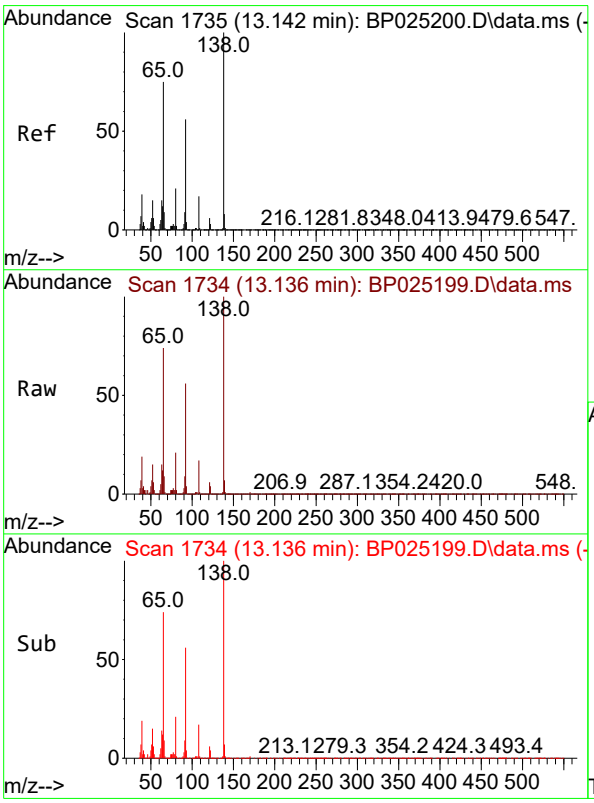

#47
2-Chloronaphthalene
Concen: 19.663 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 1943669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.2 | 30.1 | 45.1 |
| 164 | 33.0 | 26.5 | 39.7 |

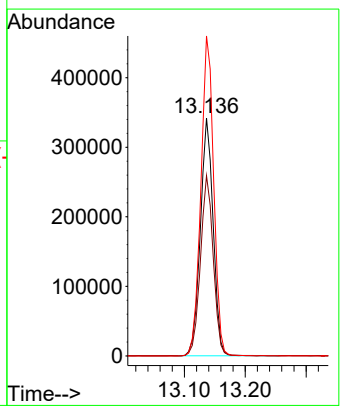


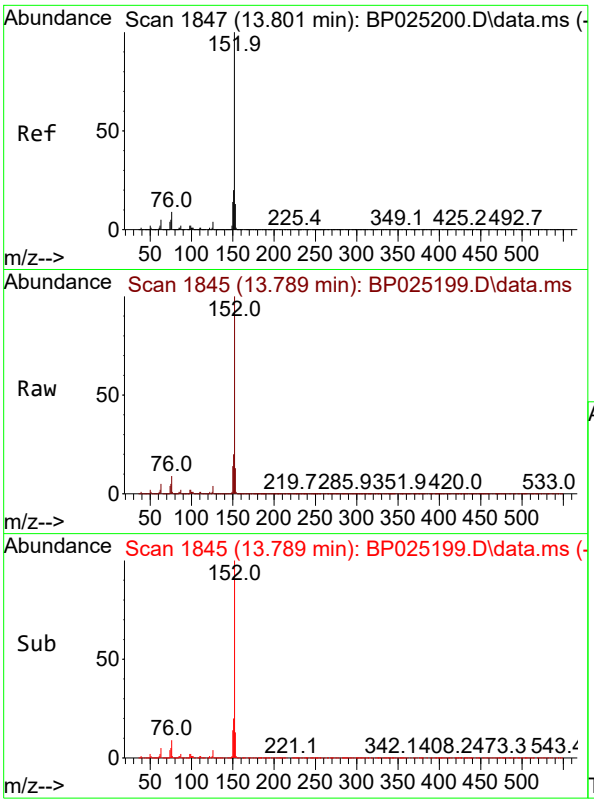




#48
2-Nitroaniline
Concen: 20.158 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion: 65 Resp: 499848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.8 | 59.9 | 89.9 |
| 138 | 134.5 | 107.1 | 160.7 |



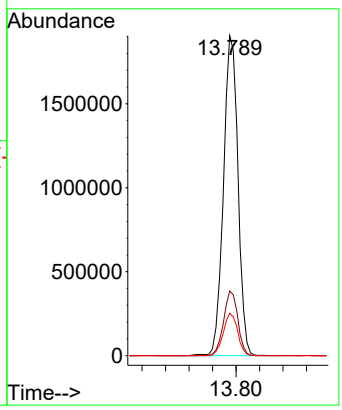


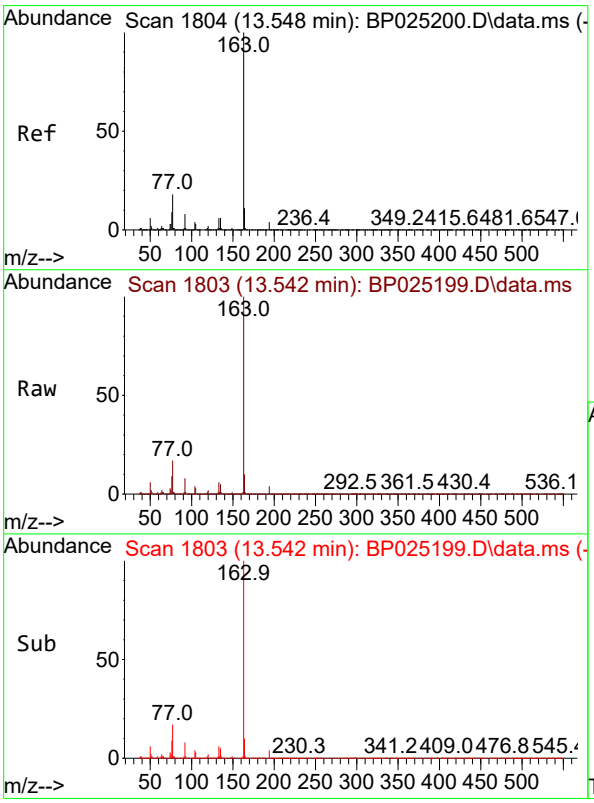

#49
Acenaphthylene
Concen: 20.152 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 3266617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |

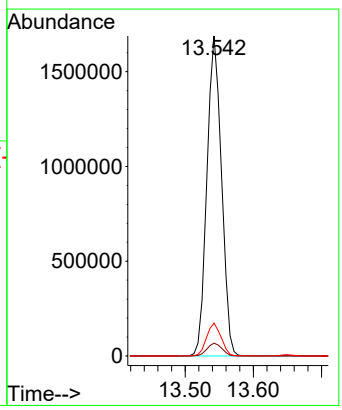


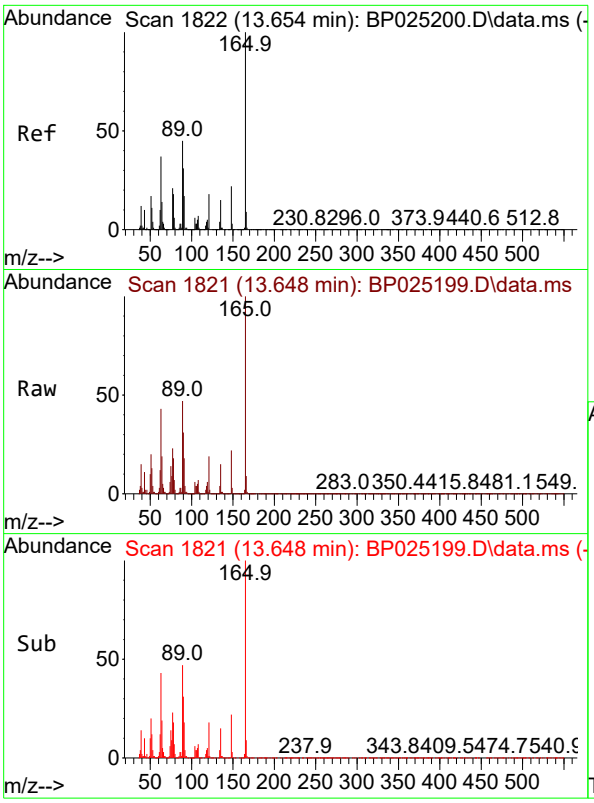




#50
Dimethylphthalate
Concen: 19.973 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:163 Resp: 2514591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.3 | 8.5 | 12.7 |



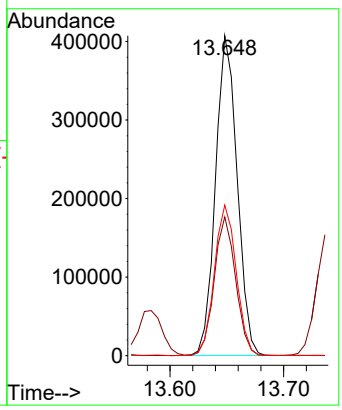


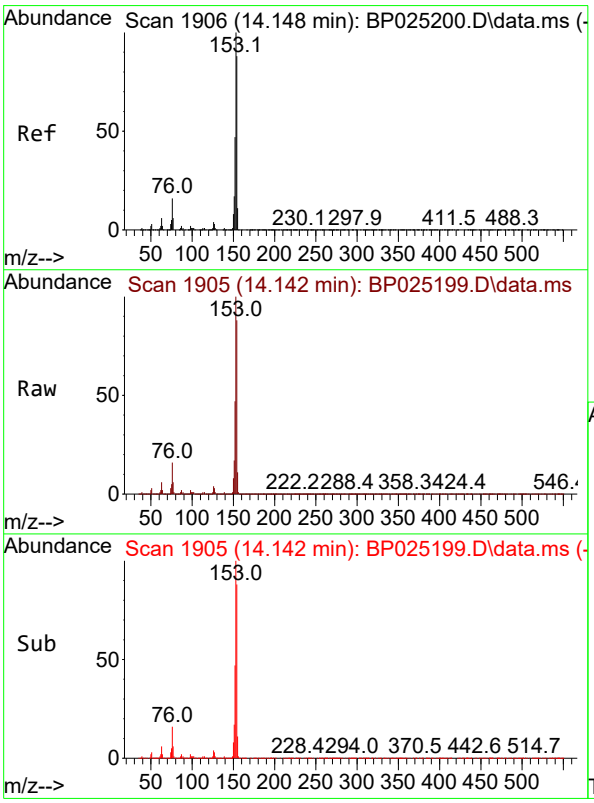

#51
2,6-Dinitrotoluene
Concen: 20.233 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 539220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.4 | 33.4 | 50.2 |
| 89 | 47.0 | 36.3 | 54.5 |

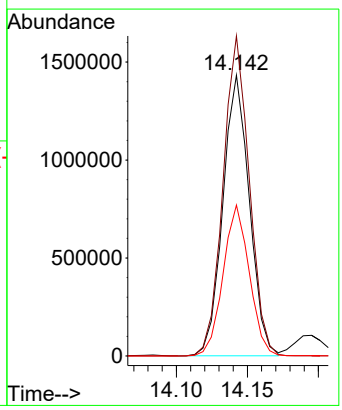


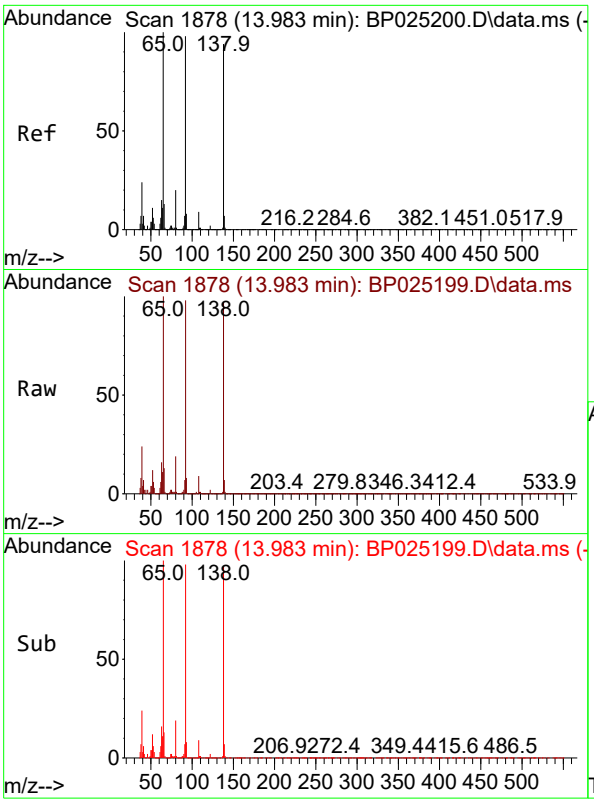




#52
Acenaphthene
Concen: 19.907 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:154 Resp: 1858898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.0 | 90.7 | 136.1 |
| 152 | 53.7 | 42.9 | 64.3 |



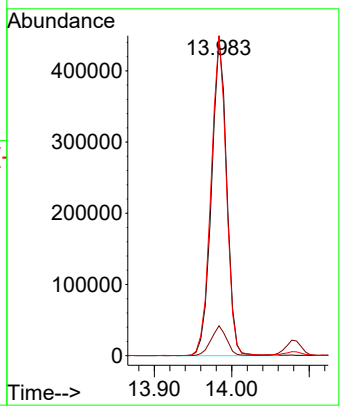


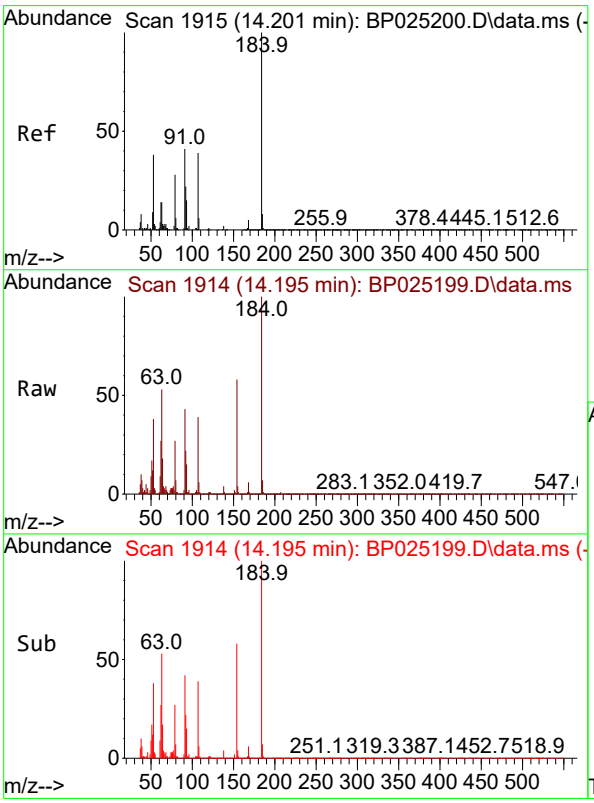

#53
3-Nitroaniline
Concen: 20.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:138 Resp: 607977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.5 | 11.3 |
| 92 | 100.8 | 83.2 | 124.8 |

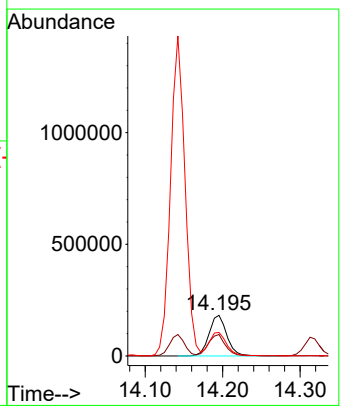


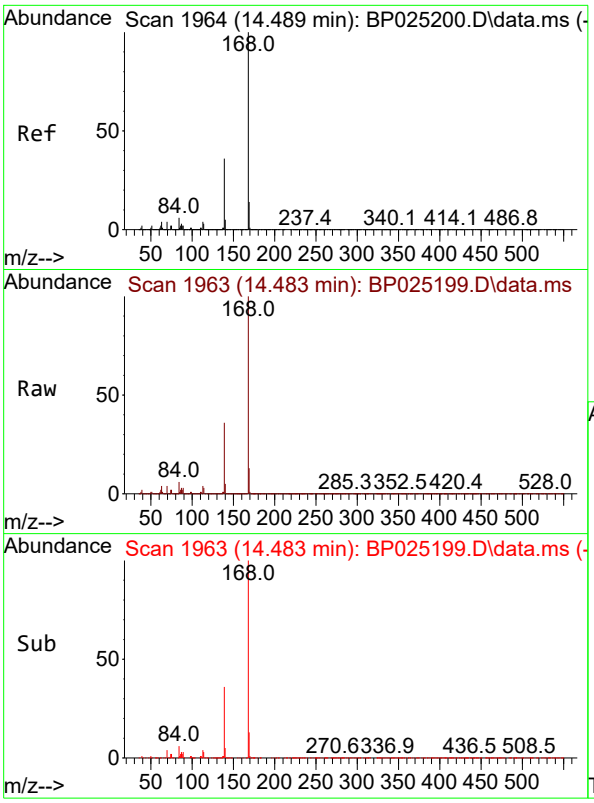




#54
2,4-Dinitrophenol
Concen: 19.352 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:184 Resp: 289004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 52.8 | 41.8 | 62.8 |
| 154 | 57.7 | 45.7 | 68.5 |



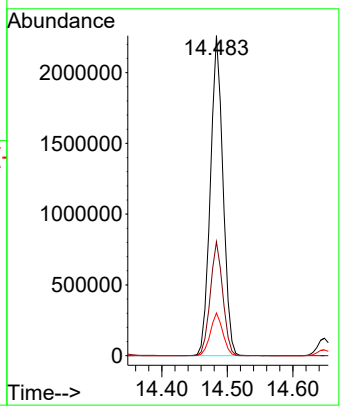


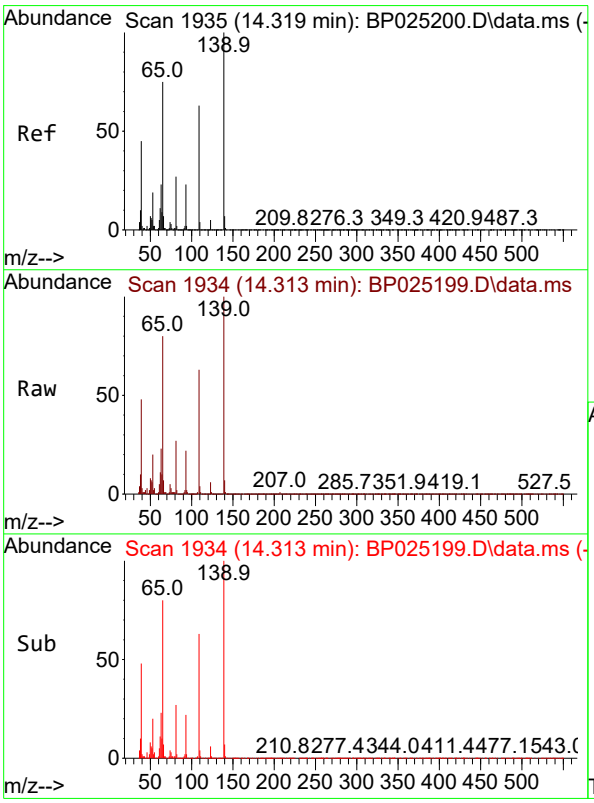

#55
Dibenzofuran
Concen: 19.958 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:168 Resp: 3017432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.6 | 28.7 | 43.1 |
| 169 | 13.4 | 10.9 | 16.3 |

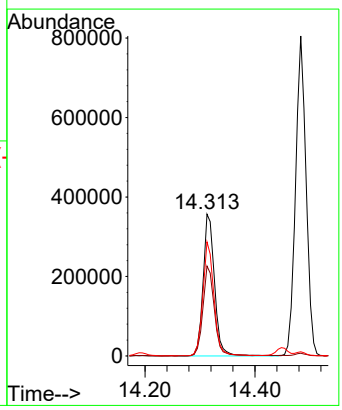


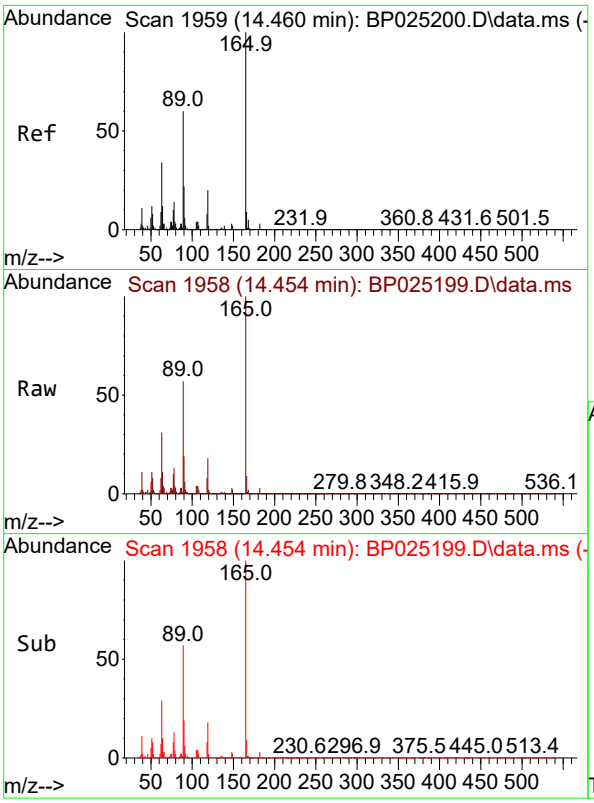




#56
4-Nitrophenol
Concen: 20.148 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:139 Resp: 516291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.4 | 42.6 | 82.6 |
| 65 | 80.4 | 55.4 | 95.4 |



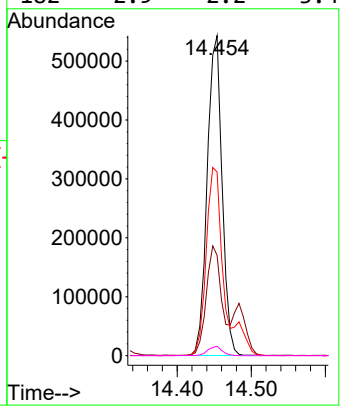


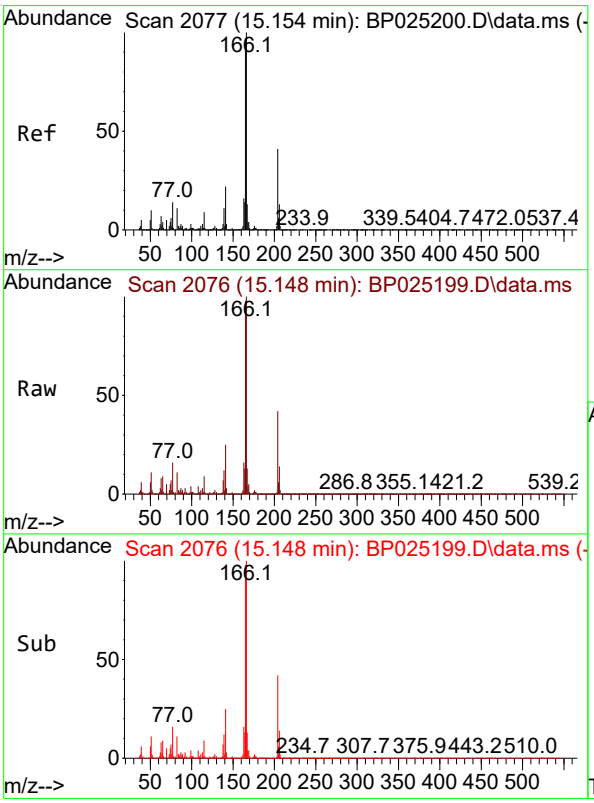

#57
2,4-Dinitrotoluene
Concen: 20.387 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 756940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.4 | 27.0 | 40.4 |
| 89 | 57.4 | 47.8 | 71.6 |
| 182 | 2.9 | 2.2 | 3.4 |

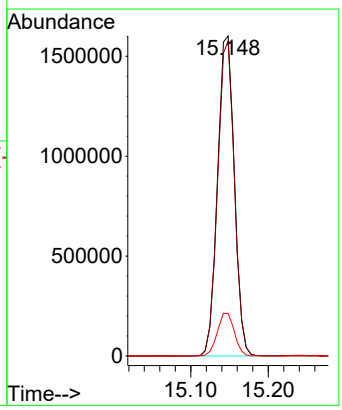


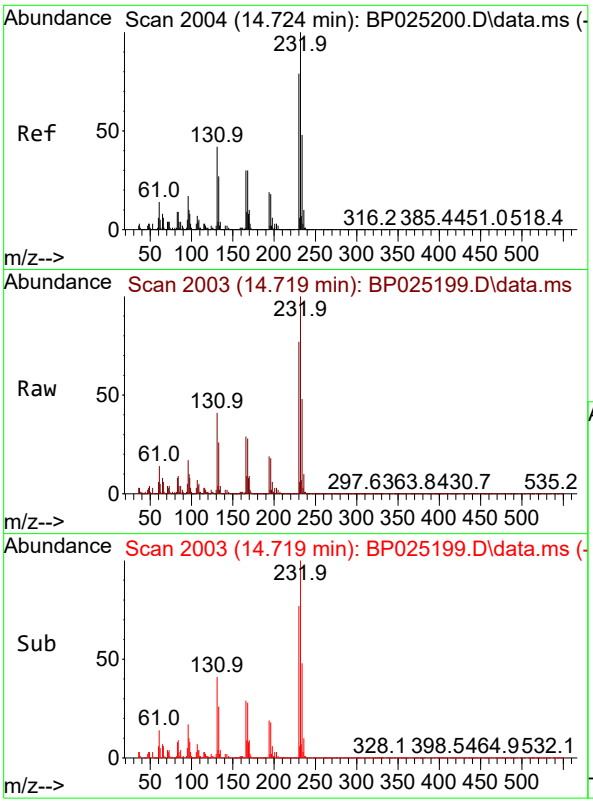




#58
Fluorene
Concen: 20.014 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:166 Resp: 2413500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 78.0 | 117.0 |
| 167 | 13.2 | 10.7 | 16.1 |



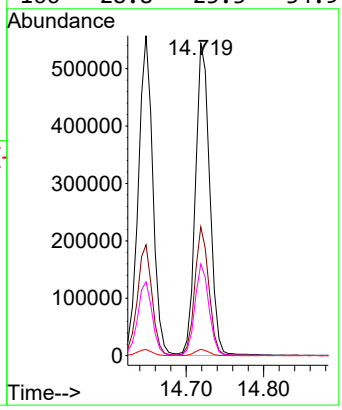


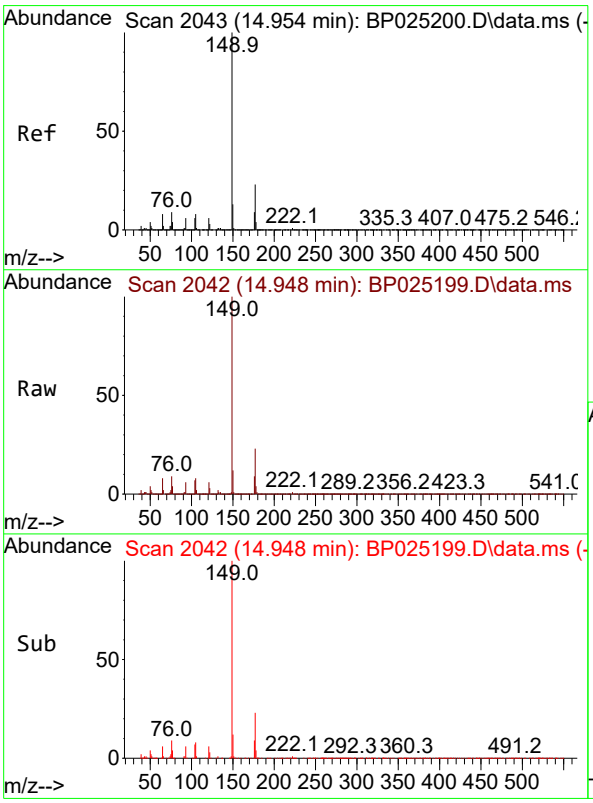

#59
2,3,4,6-Tetrachlorophenol
Concen: 20.143 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:232 Resp: 693949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 32.6 | 48.8 |
| 130 | 2.0 | 1.6 | 2.4 |
| 166 | 28.8 | 23.3 | 34.9 |

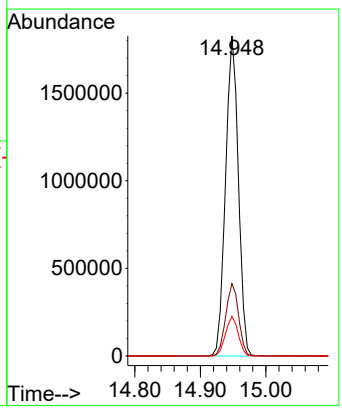


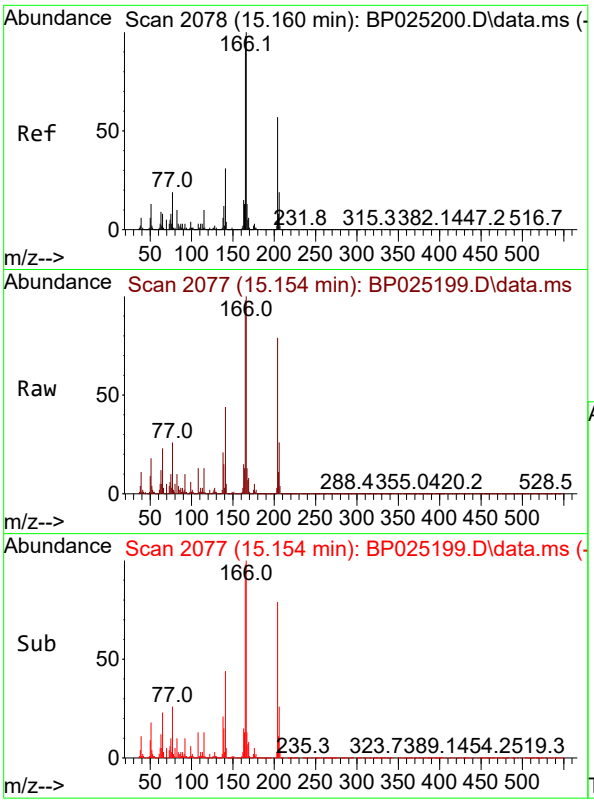




#60
Diethylphthalate
Concen: 19.809 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2464234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 18.4 | 27.6 |
| 150 | 12.3 | 10.0 | 15.0 |



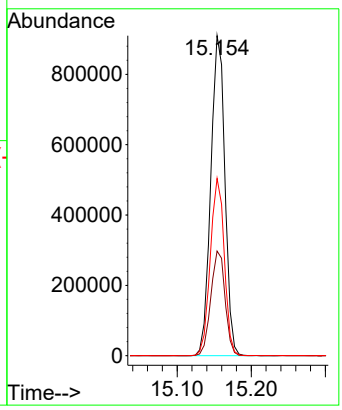


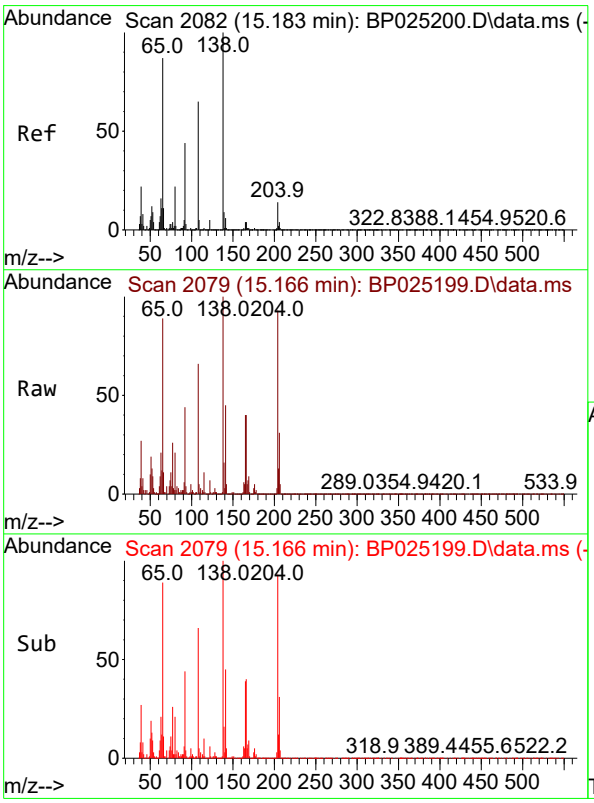

#61
4-Chlorophenyl-phenylether
Concen: 19.780 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:204 Resp: 1202237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.3 | 39.5 |
| 141 | 55.4 | 43.0 | 64.6 |

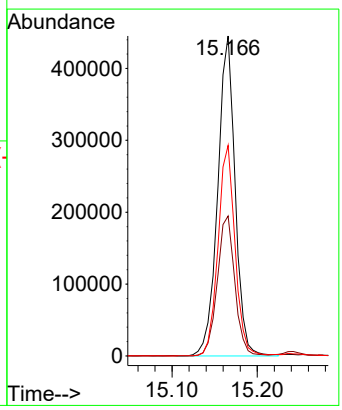


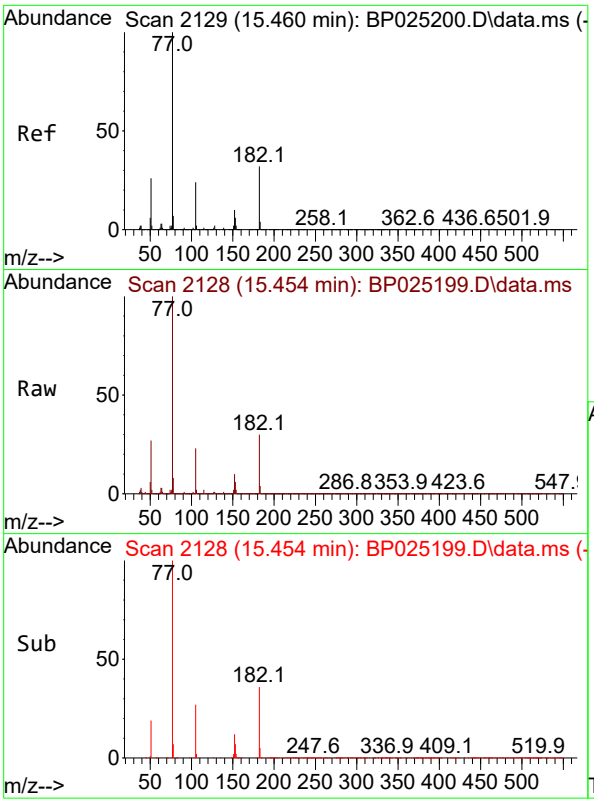




#62
4-Nitroaniline
Concen: 20.685 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:138 Resp: 633835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 43.7 | 24.0 | 64.0 |
| 108 | 65.8 | 44.9 | 84.9 |



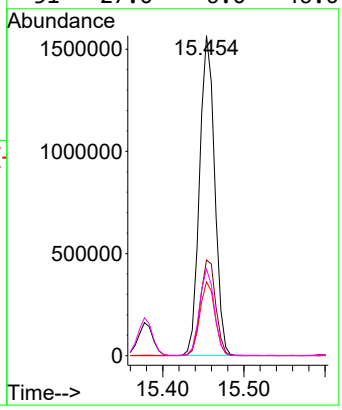


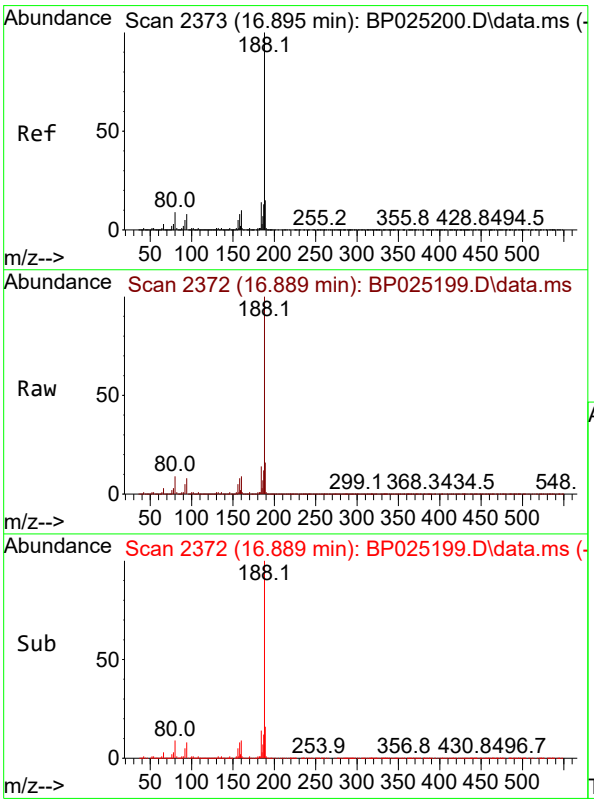

#63
Azobenzene
Concen: 20.187 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 2017191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.9 | 12.0 | 52.0 |
| 105 | 23.0 | 3.6 | 43.6 |
| 51 | 27.0 | 6.0 | 46.0 |

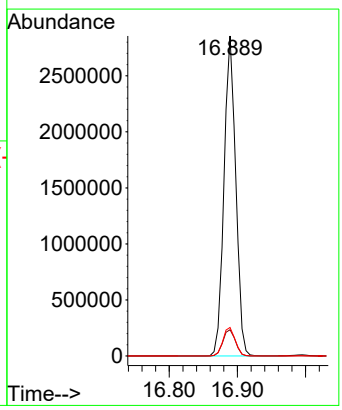


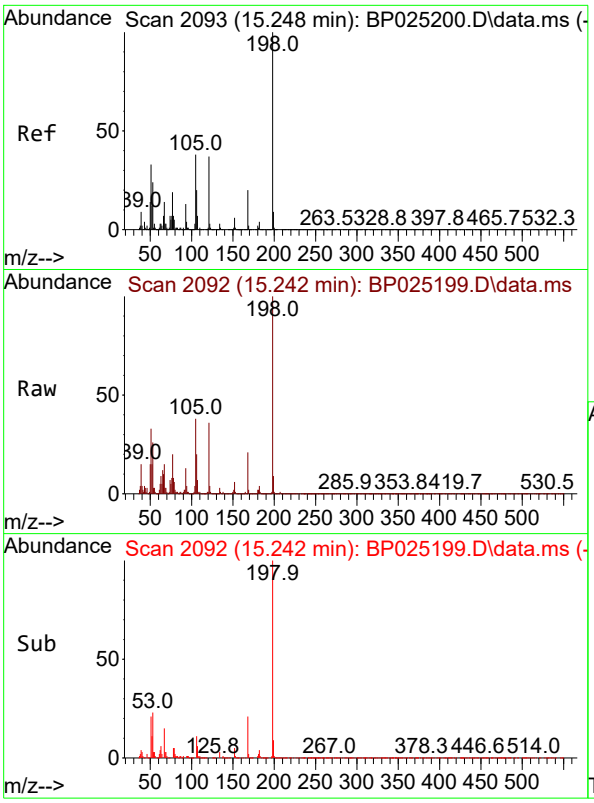




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:188 Resp: 3420424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 6.8 | 10.2 |
| 80 | 8.9 | 7.3 | 10.9 |



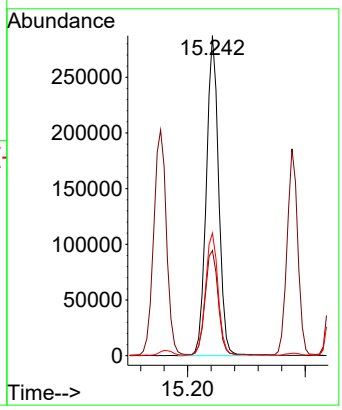


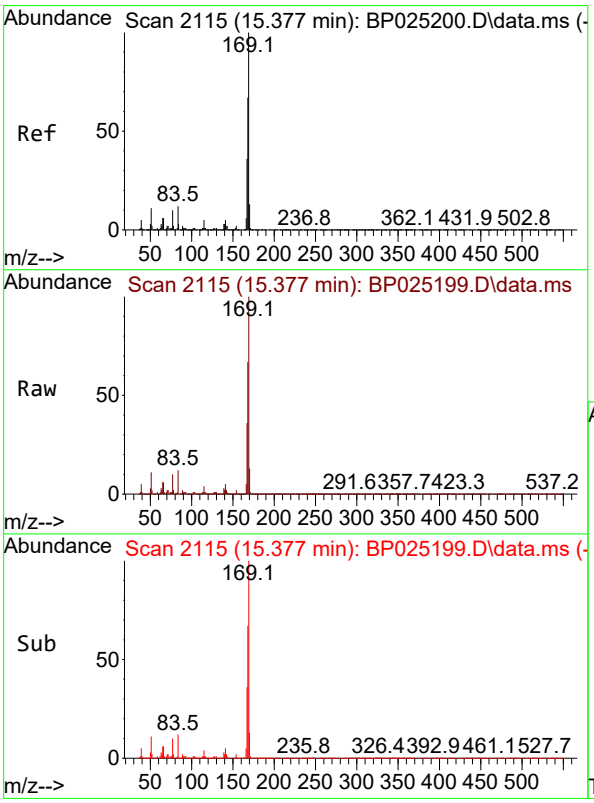

#65
4,6-Dinitro-2-methylphenol
Concen: 19.570 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:198 Resp: 419051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.8 | 14.6 | 54.6 |
| 105 | 38.3 | 18.3 | 58.3 |

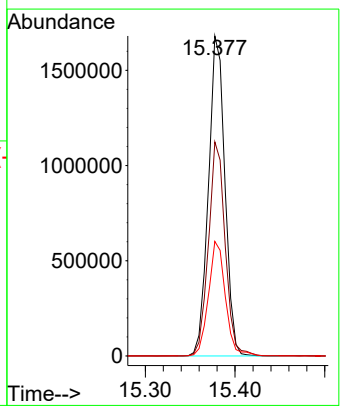


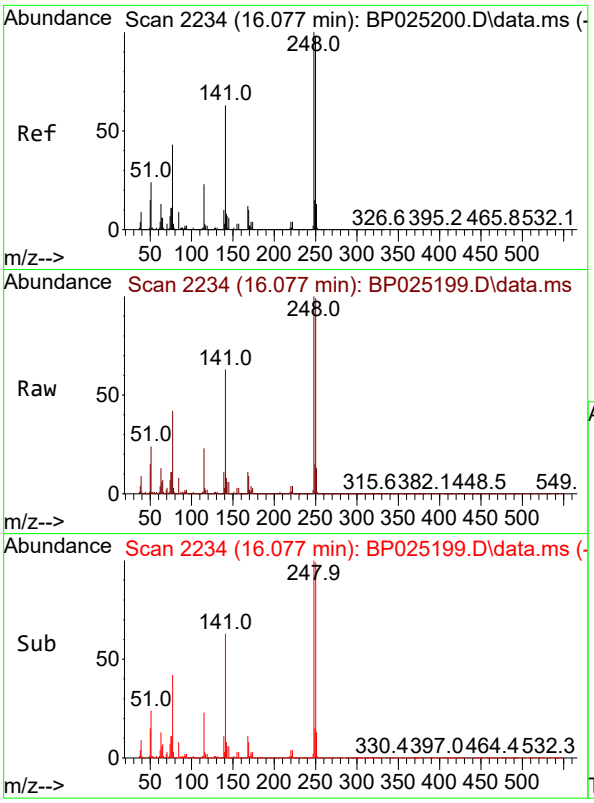




#66
n-Nitrosodiphenylamine
Concen: 20.077 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:169 Resp: 2138707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 53.7 | 80.5 |
| 167 | 35.8 | 29.0 | 43.6 |



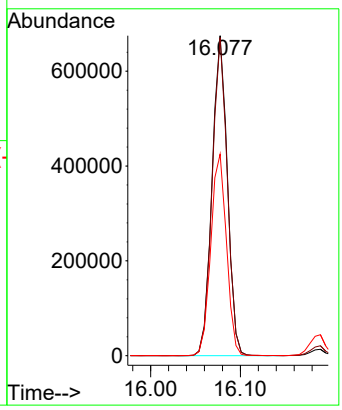


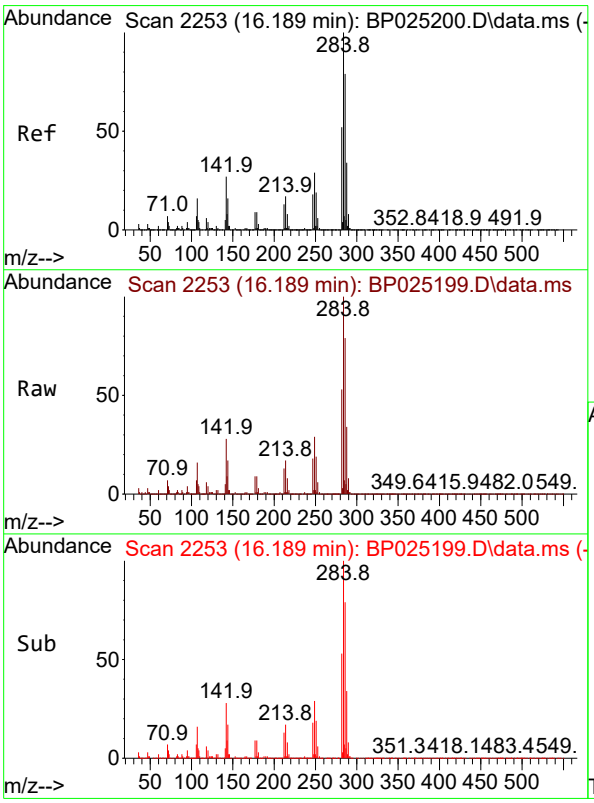

#67
4-Bromophenyl-phenylether
Concen: 19.779 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:248 Resp: 797636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.4 | 78.5 | 117.7 |
| 141 | 63.0 | 50.5 | 75.7 |

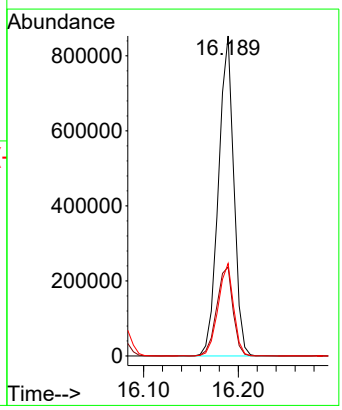


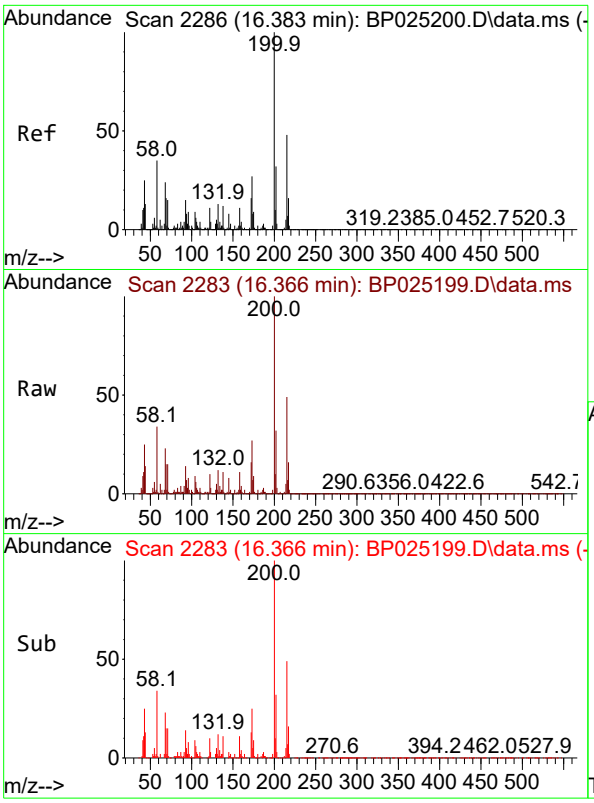




#68
Hexachlorobenzene
Concen: 19.994 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:284 Resp: 962844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.8 | 21.5 | 32.3 |
| 249 | 28.9 | 23.4 | 35.0 |



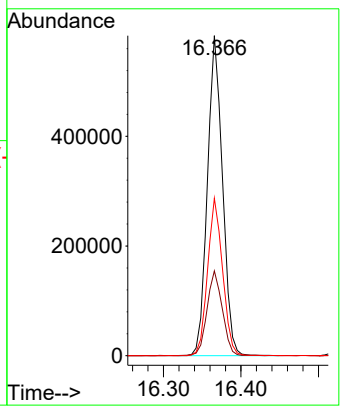


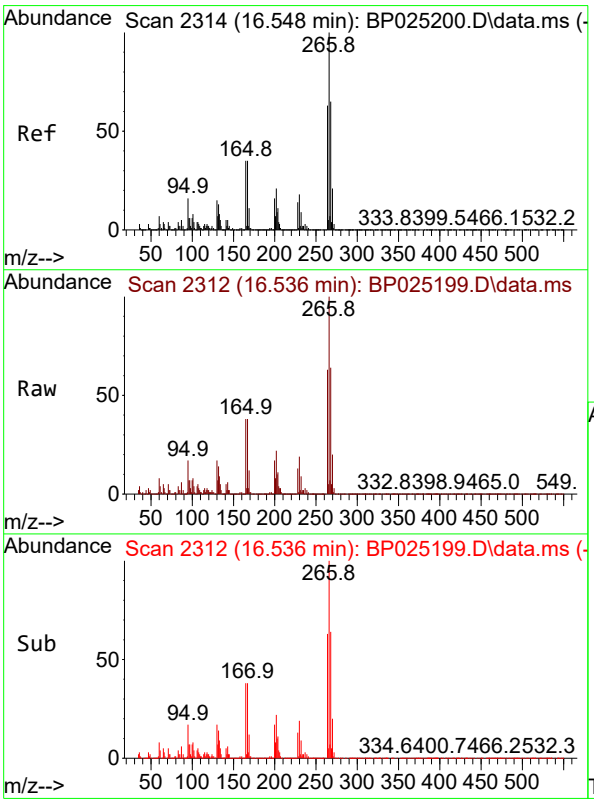

#69
Atrazine
Concen: 20.267 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:200 Resp: 786929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 7.4 | 47.4 |
| 215 | 49.2 | 28.5 | 68.5 |

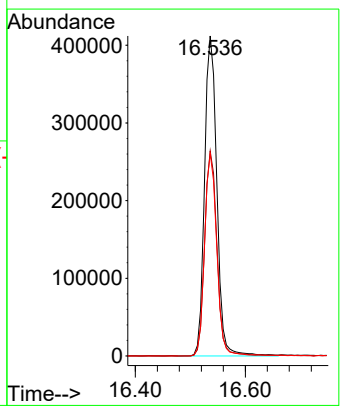


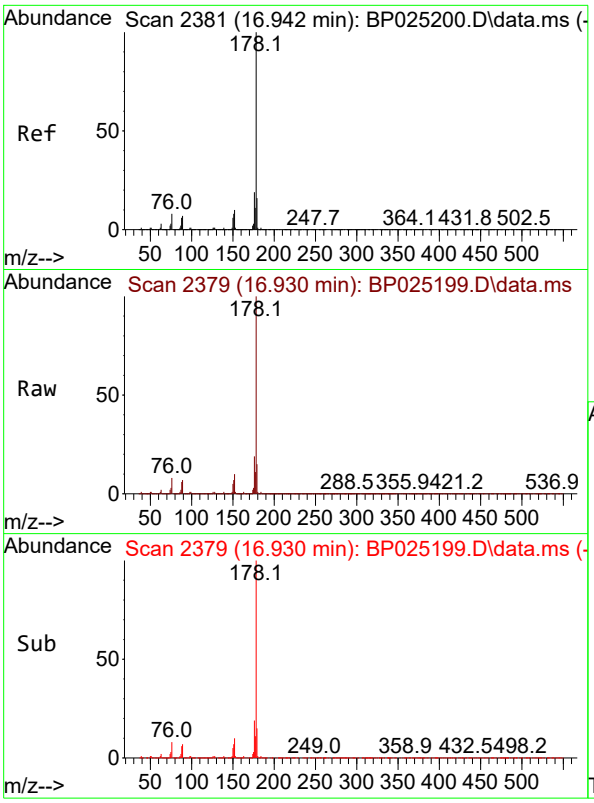




#70
Pentachlorophenol
Concen: 19.965 ng
RT: 16.536 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:266 Resp: 639966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 51.8 | 77.6 |
| 264 | 63.3 | 50.3 | 75.5 |



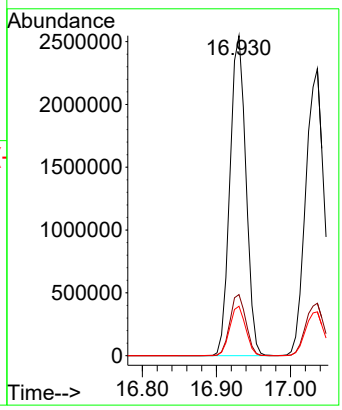


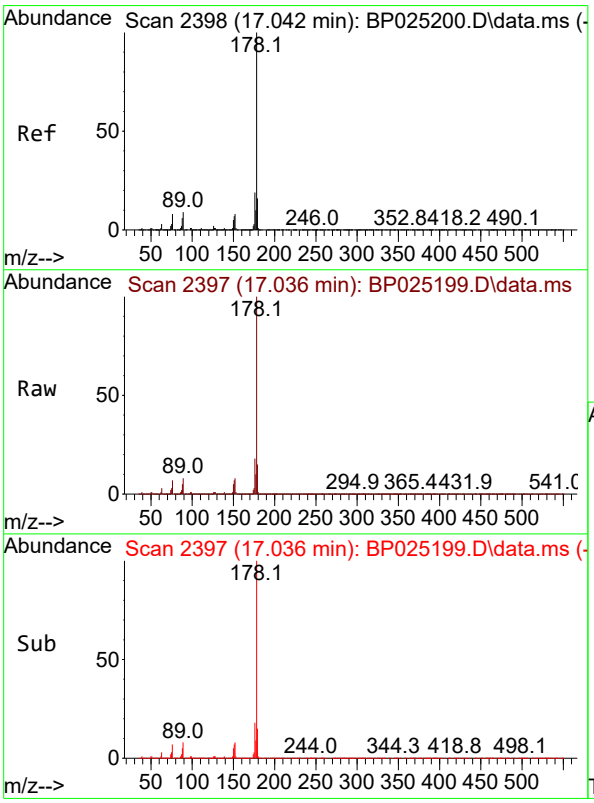

#71
Phenanthrene
Concen: 20.006 ng
RT: 16.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:178 Resp: 3812811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.6 | 23.4 |
| 179 | 15.4 | 12.5 | 18.7 |

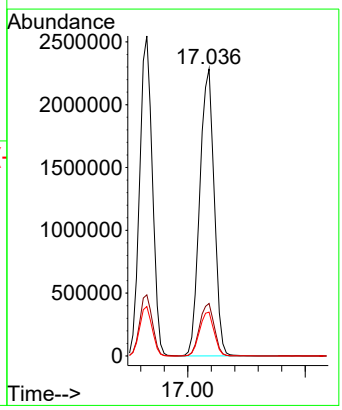


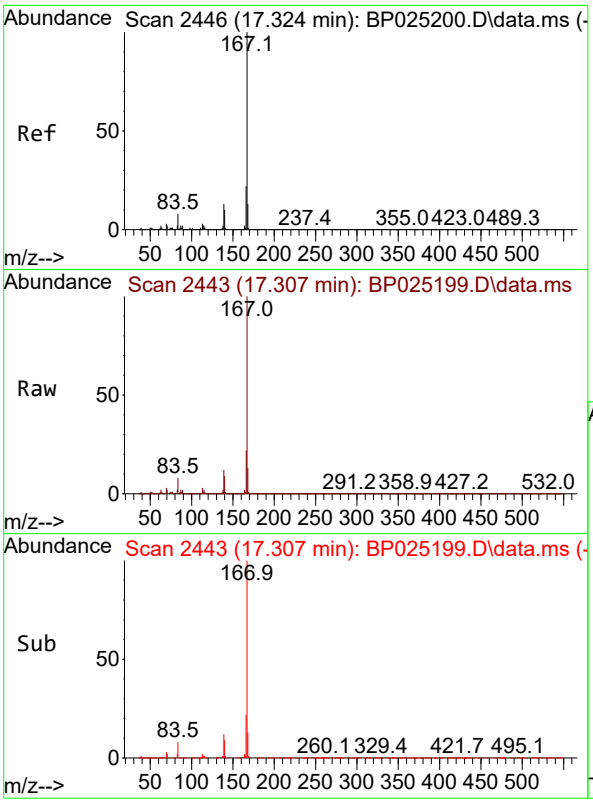




#72
Anthracene
Concen: 20.193 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:178 Resp: 3906820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 15.0 | 22.4 |
| 179 | 15.3 | 12.5 | 18.7 |



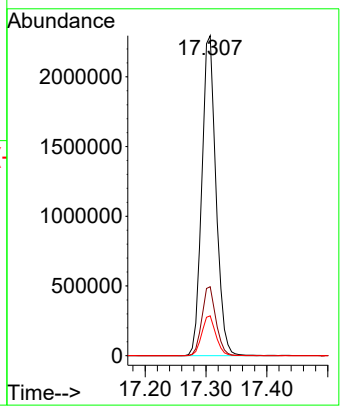


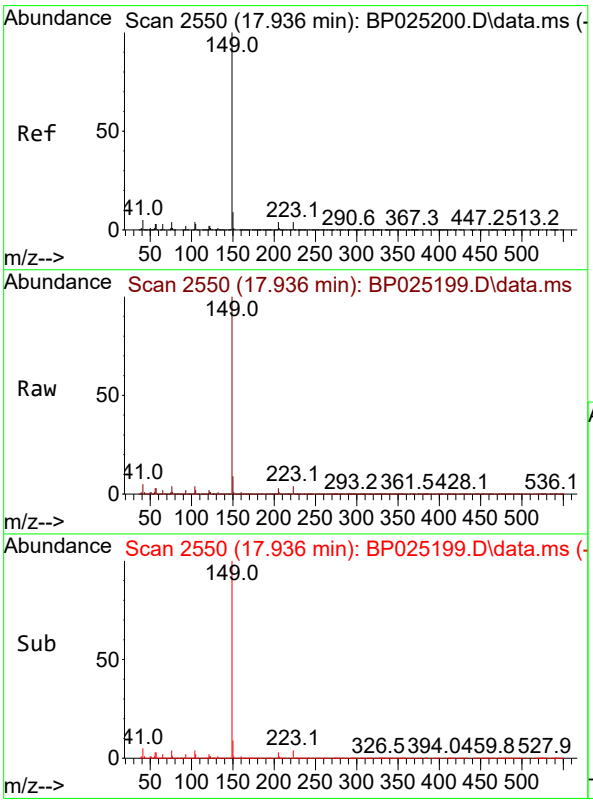

#73
Carbazole
Concen: 20.175 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:167 Resp: 3714018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.3 | 25.9 |
| 139 | 12.5 | 10.1 | 15.1 |

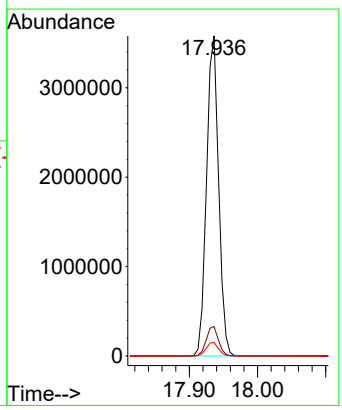


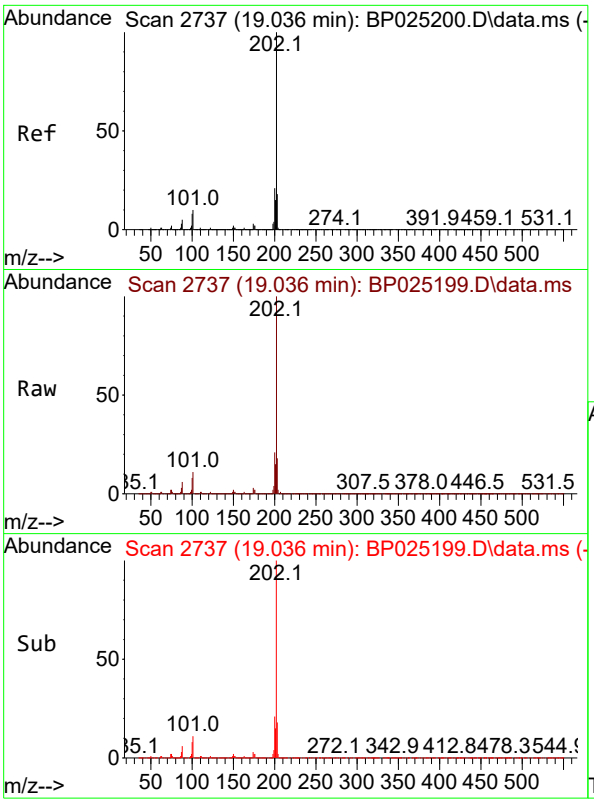




#74
Di-n-butylphthalate
Concen: 20.415 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 4406649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.6 | 11.4 |
| 104 | 4.3 | 3.5 | 5.3 |



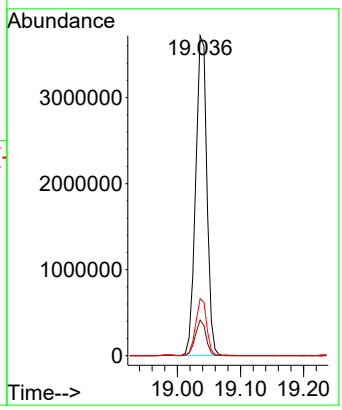


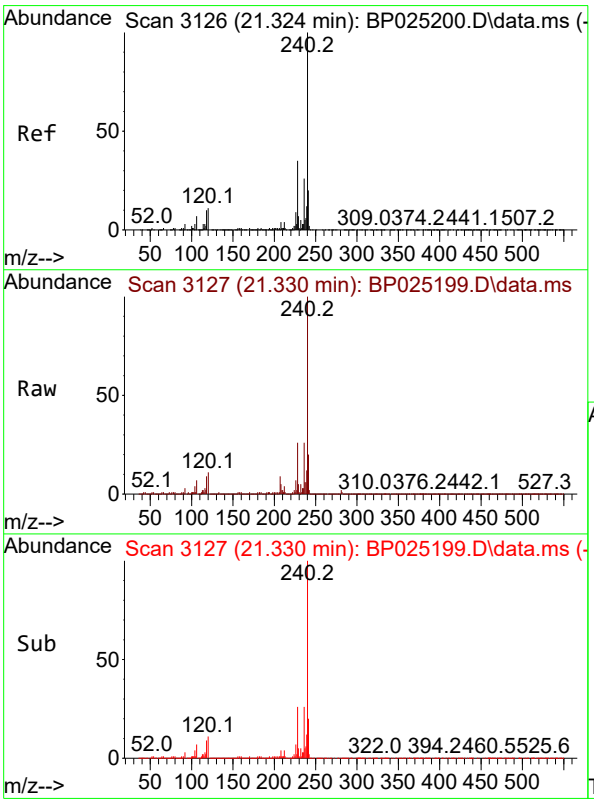

#75
Fluoranthene
Concen: 20.298 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:202 Resp: 4574063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 0.0 | 30.3 |
| 203 | 17.8 | 0.0 | 38.0 |

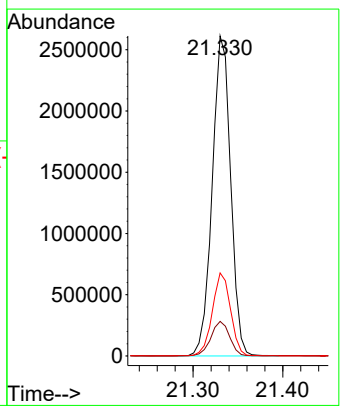


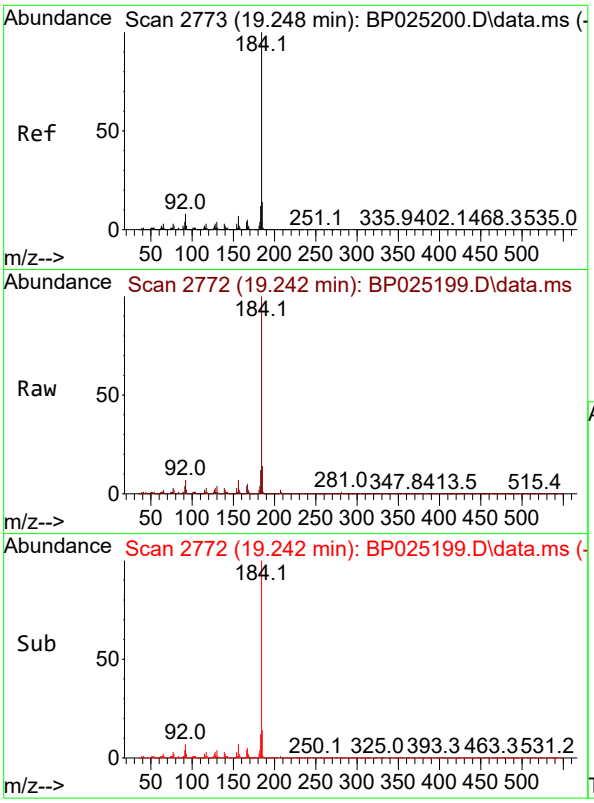




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:240 Resp: 3723190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |



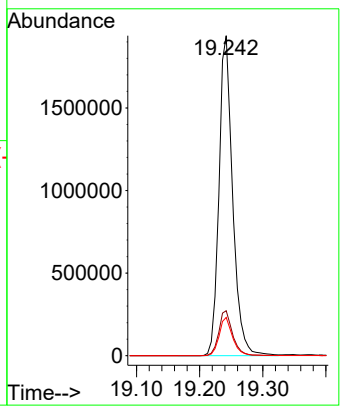


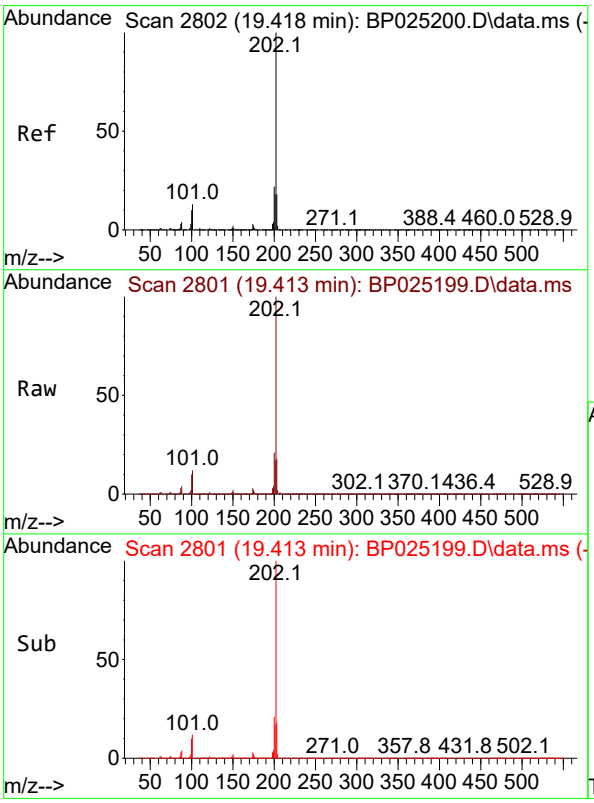

#77
Benzidine
Concen: 20.485 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:184 Resp: 2913500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.5 | 17.3 |
| 183 | 12.0 | 9.6 | 14.4 |

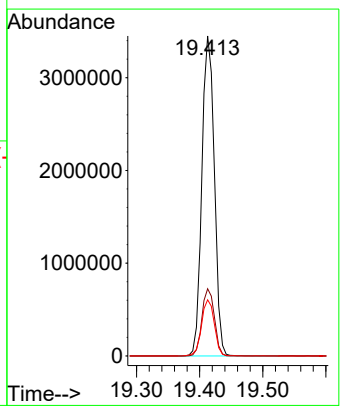


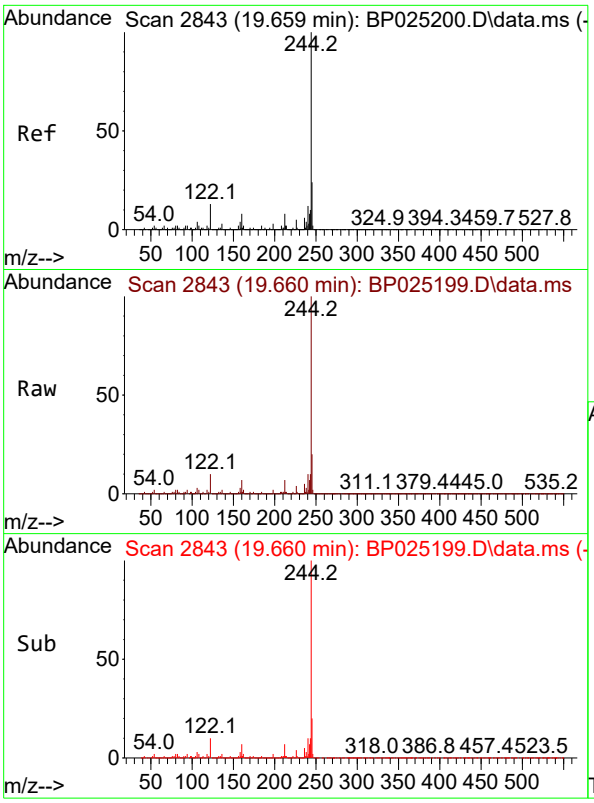




#78
Pyrene
Concen: 20.039 ng
RT: 19.413 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:202 Resp: 4741470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 17.4 | 26.2 |
| 203 | 17.5 | 14.3 | 21.5 |



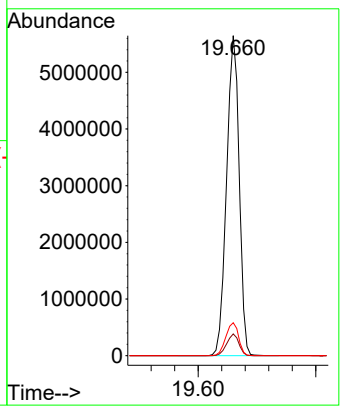


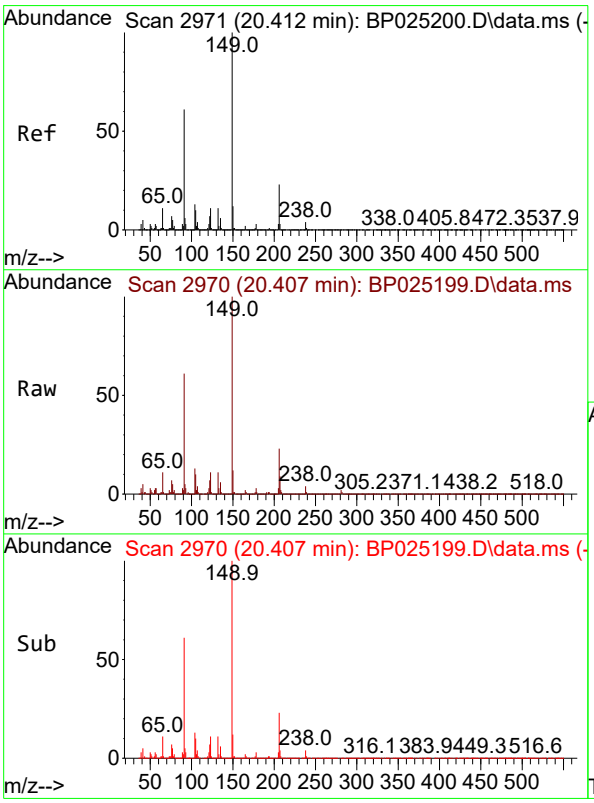

#79
Terphenyl-d14
Concen: 42.086 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:244 Resp: 8390472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 6.6 | 9.8 |
| 122 | 10.3 | 10.3 | 15.5# |

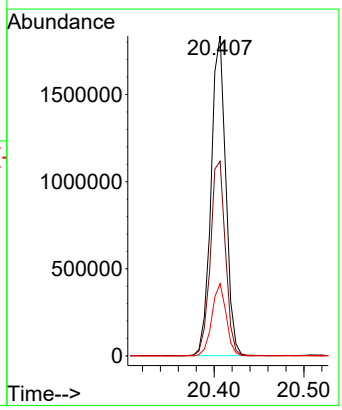


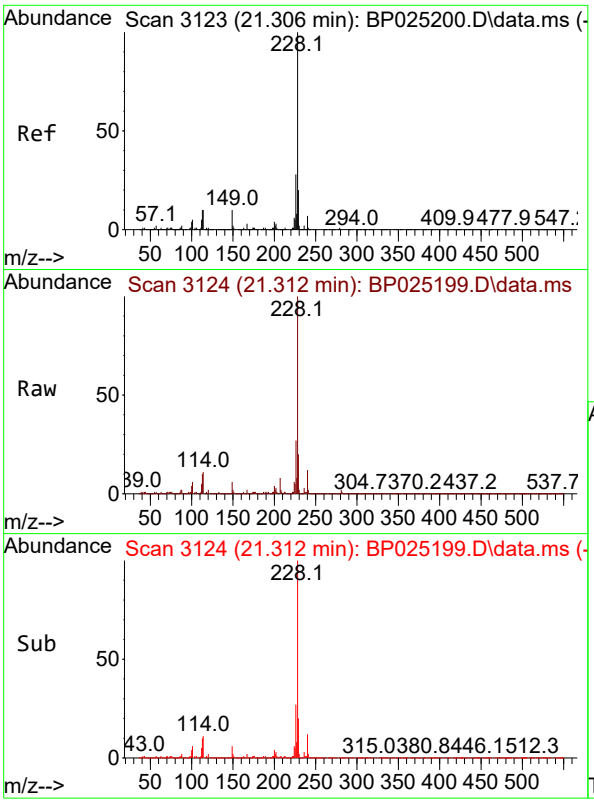




#80
Butylbenzylphthalate
Concen: 19.969 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 2085097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 60.9 | 48.8 | 73.2 |
| 206 | 22.6 | 18.4 | 27.6 |



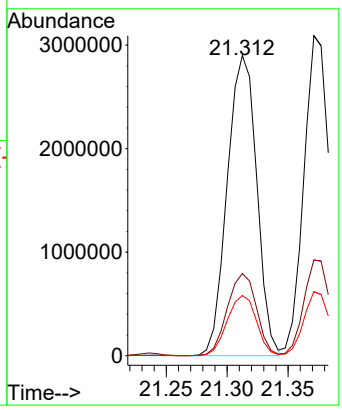


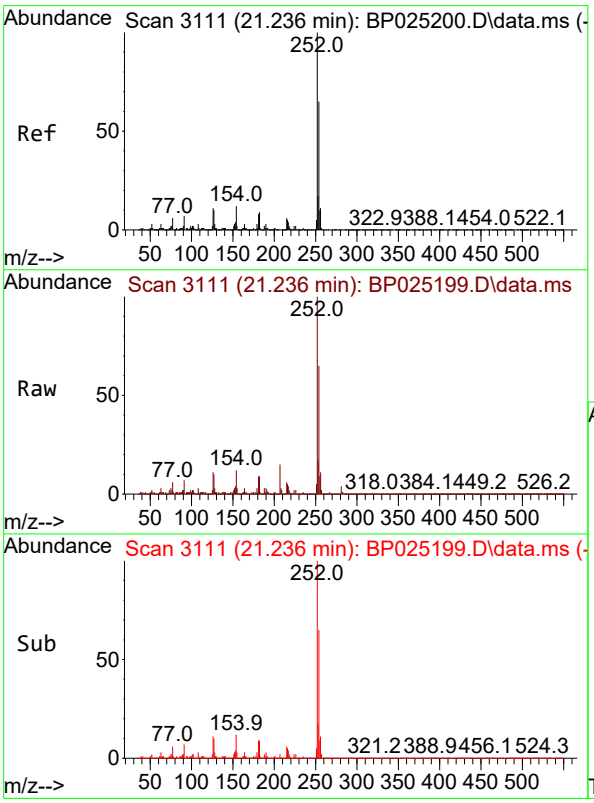

#81
Benzo(a)anthracene
Concen: 20.152 ng
RT: 21.312 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 4880320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.3 | 33.5 |
| 229 | 20.1 | 16.2 | 24.2 |

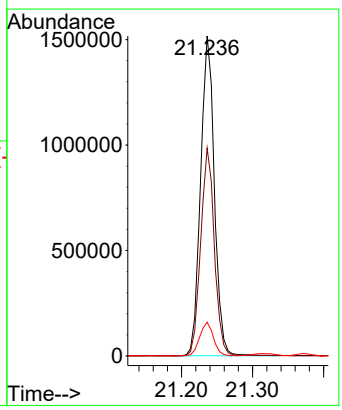


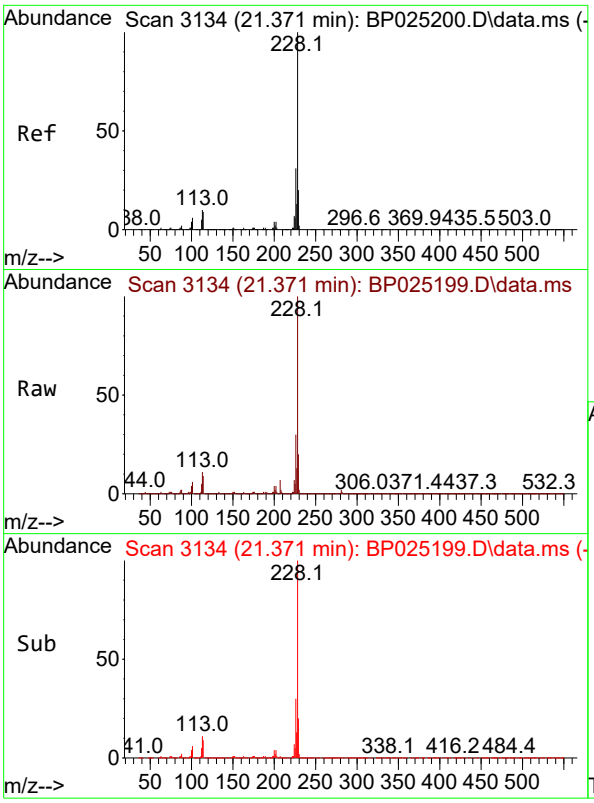




#82
3,3'-Dichlorobenzidine
Concen: 20.627 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 2048334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.0 | 52.1 | 78.1 |
| 126 | 10.6 | 8.6 | 12.8 |



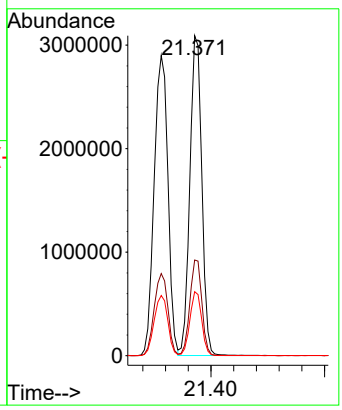


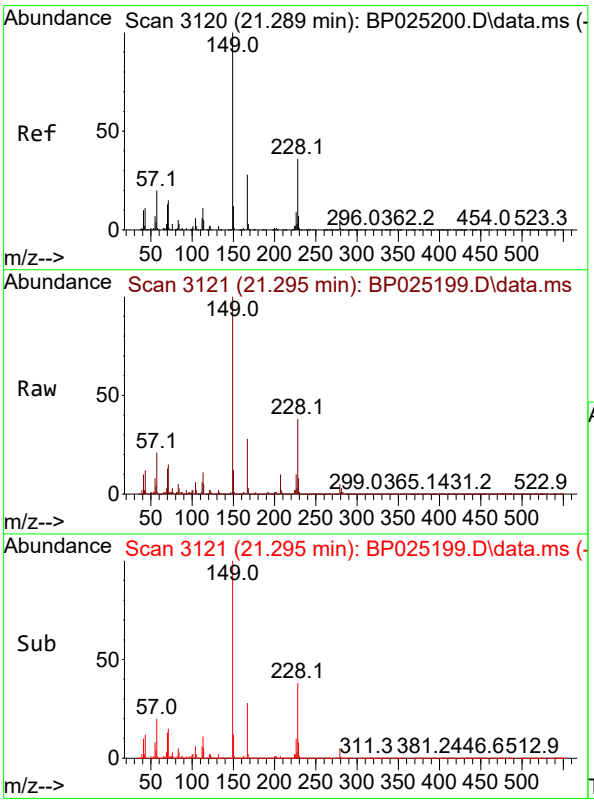

#83
Chrysene
Concen: 20.030 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 4523656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 24.6 | 37.0 |
| 229 | 20.0 | 16.0 | 24.0 |

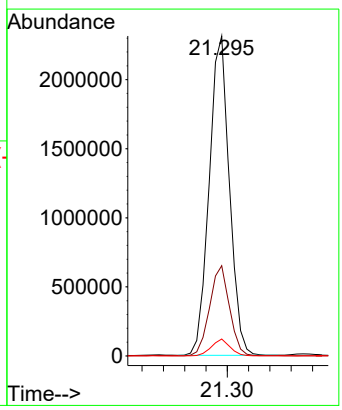


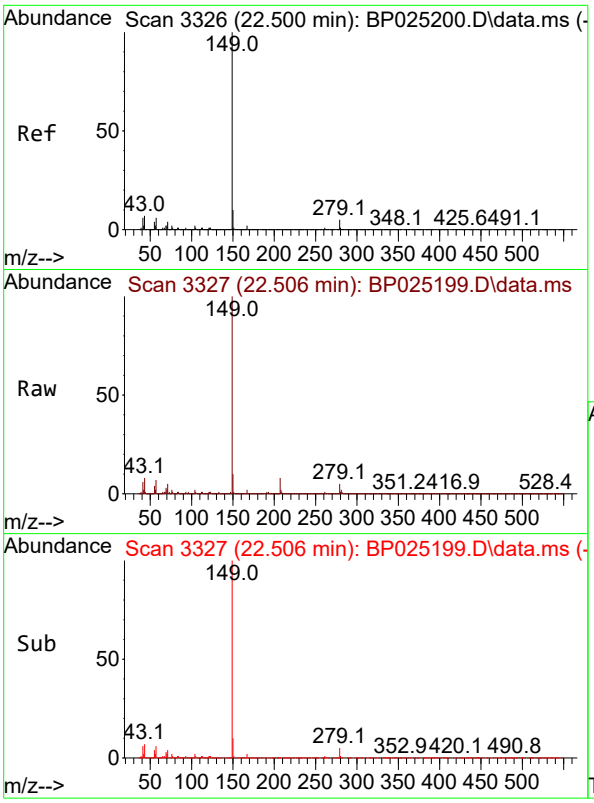




#84
Bis(2-ethylhexyl)phthalate
Concen: 19.981 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:149 Resp: 3041538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.6 | 34.0 |
| 279 | 5.3 | 4.0 | 6.0 |



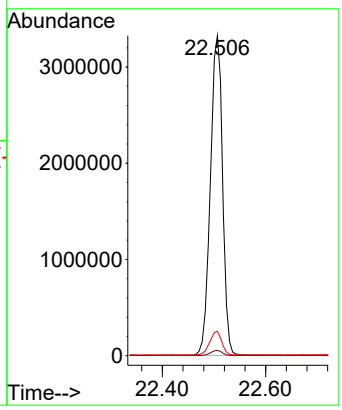


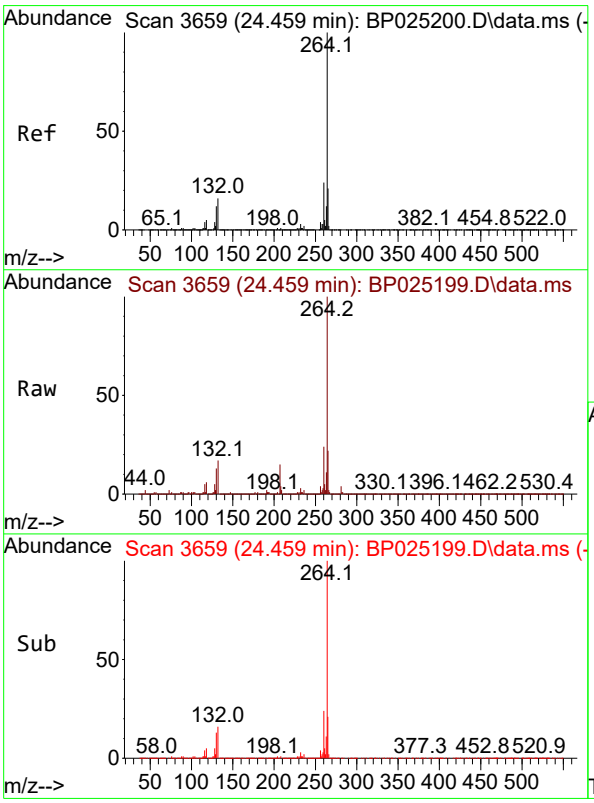

#85
Di-n-octyl phthalate
Concen: 20.449 ng
RT: 22.506 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:149 Resp: 5425668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.3 | 6.1 | 9.1 |

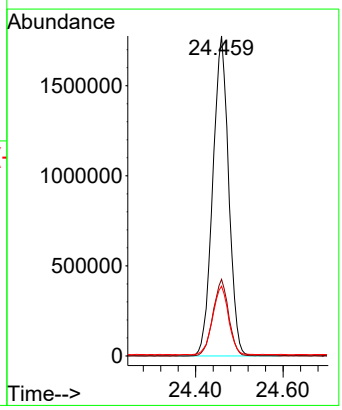


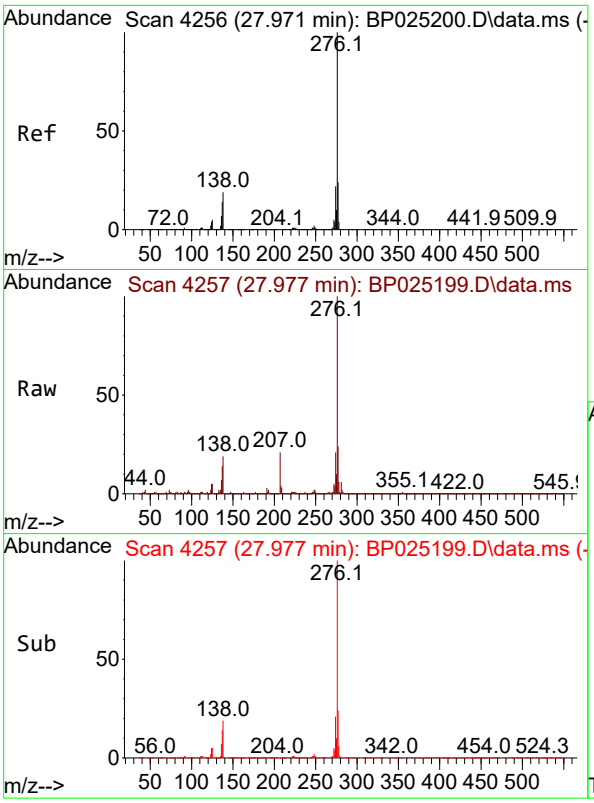




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:264 Resp: 4465504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.0 | 28.6 |
| 265 | 21.8 | 17.5 | 26.3 |



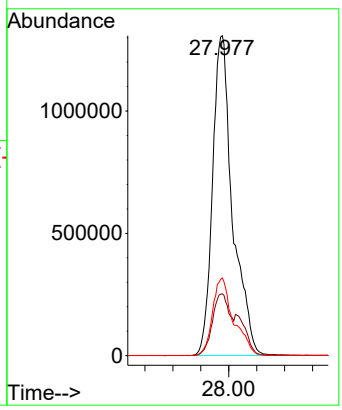


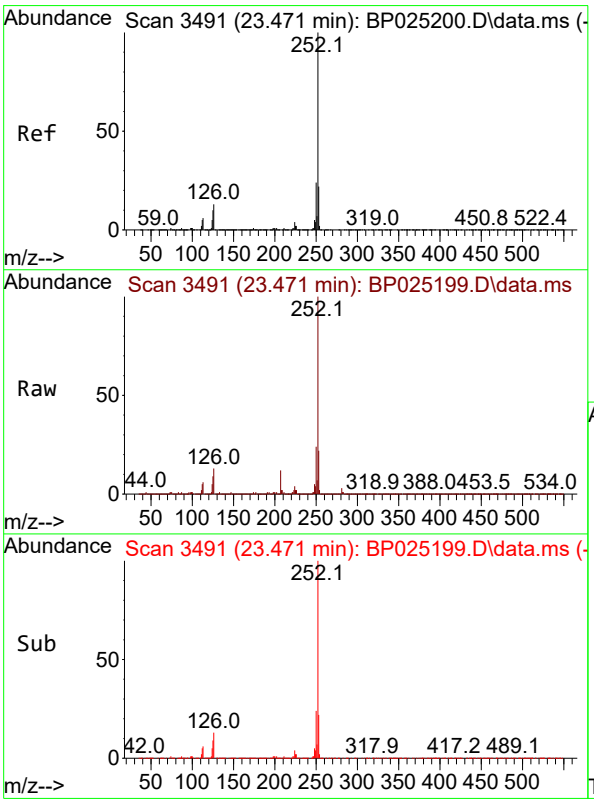

#87
Indeno(1,2,3-cd)pyrene
Concen: 19.880 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:276 Resp: 6525812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 12.8 | 19.2 |
| 277 | 25.4 | 20.3 | 30.5 |

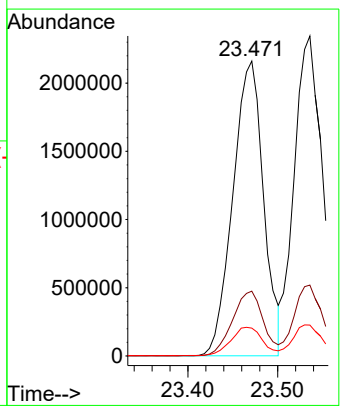


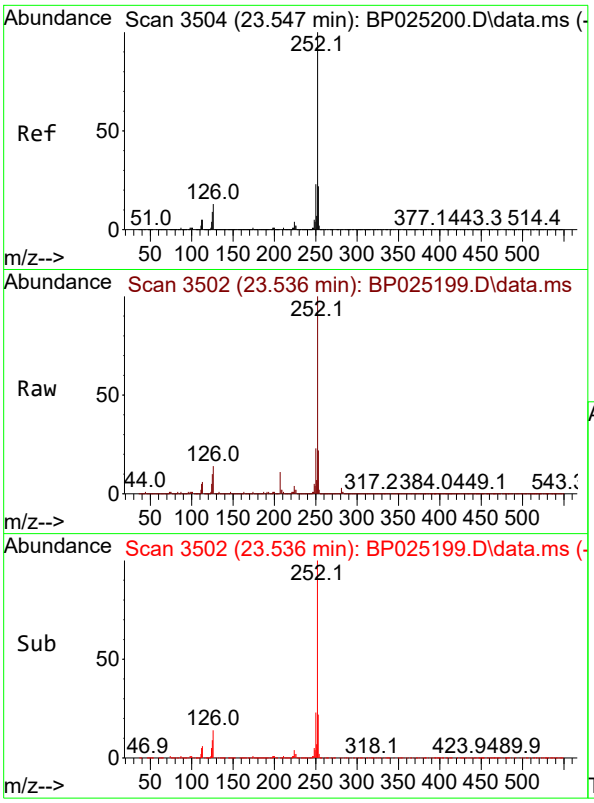




#88
Benzo(b)fluoranthene
Concen: 19.698 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5129956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.0 | 27.0 |
| 125 | 9.5 | 7.8 | 11.8 |



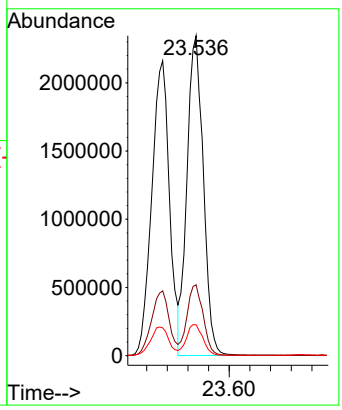


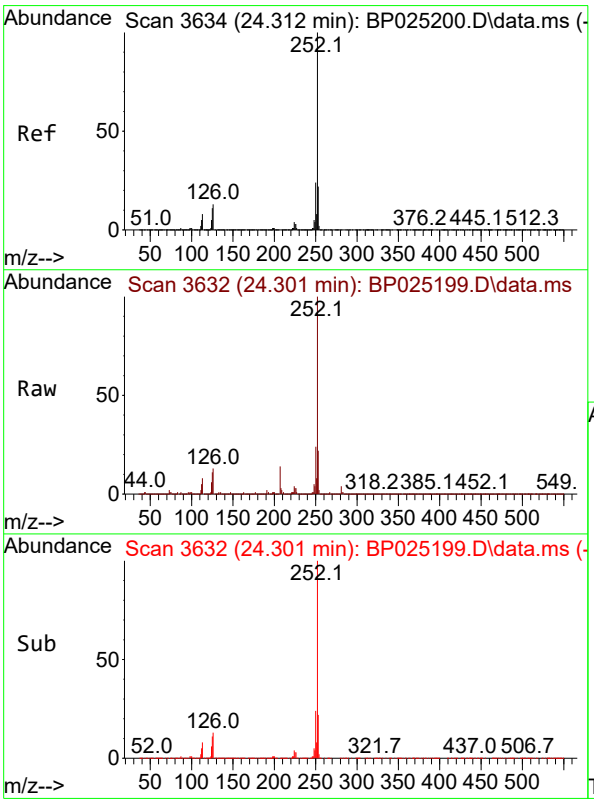

#89
Benzo(k)fluoranthene
Concen: 19.822 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:252 Resp: 5125128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.6 | 7.5 | 11.3 |

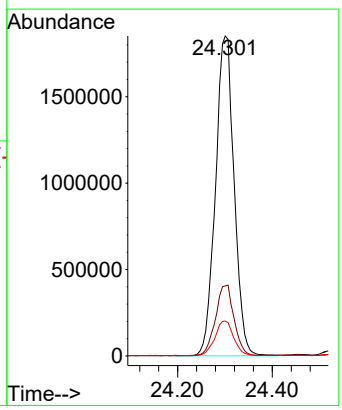


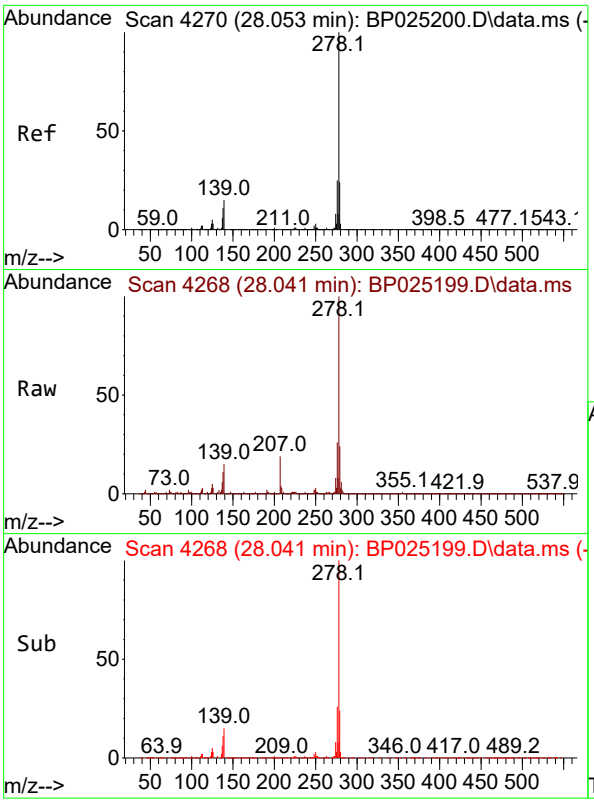




#90
Benzo(a)pyrene
Concen: 19.982 ng
RT: 24.301 min Scan# 3632
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:252 Resp: 5051354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.9 | 8.6 | 12.8 |



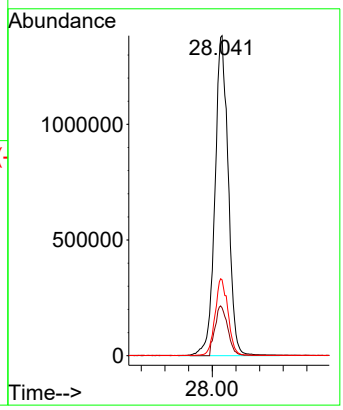


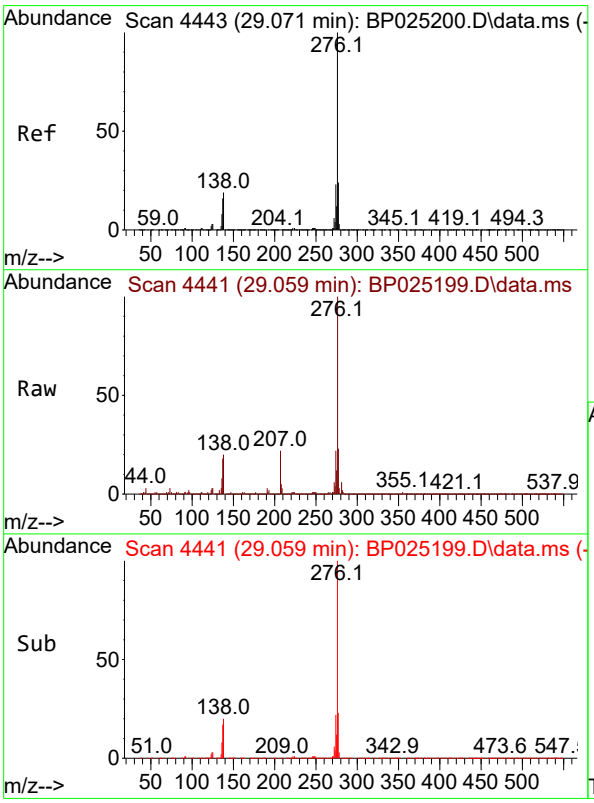

#91
Dibenzo(a,h)anthracene
Concen: 19.991 ng
RT: 28.041 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

Tgt Ion:278 Resp: 5381616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.9 | 12.0 | 18.0 |
| 279 | 23.7 | 19.5 | 29.3 |

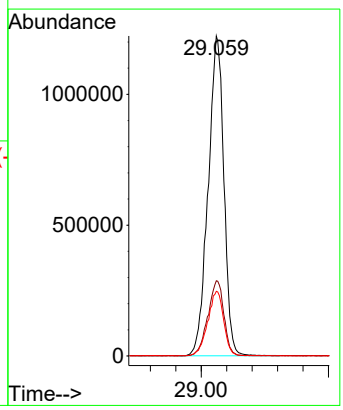



#92
Benzo(g,h,i)perylene
Concen: 19.946 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.012 min
Lab File: BP025199.D
Acq: 21 Jul 2025 16:29

Tgt Ion:276 Resp: 5259660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.2 | 28.8 |
| 138 | 20.2 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 716086 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2975305 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.077 | 164 | 1899529 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3663221 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.324 | 240 | 3679412 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.459 | 264 | 4344624 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.101 | 112 | 3332284 | 77.740 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4205182 | 79.463 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 4190097 | 77.213 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 2184856 | 77.351 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.683 | 172 | 10646823 | 74.204 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.659 | 244 | 13104058 | 66.511 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 613318 | 38.071 | ng | 100 |
| 3) Pyridine | 3.496 | 79 | 1670295 | 39.146 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.407 | 42 | 670875 | 39.840 | ng | 100 |
| 6) Aniline | 6.778 | 93 | 2758328 | 40.082 | ng | 100 |
| 8) 2-Chlorophenol | 7.007 | 128 | 1916454 | 39.736 | ng | 100 |
| 9) Benzaldehyde | 6.595 | 77 | 1588648 | 42.007 | ng | 100 |
| 10) Phenol | 6.660 | 94 | 2175741 | 39.738 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1667453 | 39.664 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 2137788 | 39.069 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 2156704 | 39.058 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 2078661 | 39.177 | ng | 100 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1522703 | 40.143 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 2129397 | 39.489 | ng | 100 |
| 17) 2-Methylphenol | 7.878 | 107 | 1514702 | 39.997 | ng | 100 |
| 18) Hexachloroethane | 8.489 | 117 | 745054 | 39.515 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1271335 | 39.862 | ng | 100 |
| 20) 3+4-Methylphenols | 8.201 | 107 | 2062504 | 39.873 | ng | 100 |
| 22) Acetophenone | 8.242 | 105 | 2676137 | 37.975 | ng | 100 |
| 24) Nitrobenzene | 8.607 | 77 | 1867495 | 38.831 | ng | 100 |
| 25) Isophorone | 9.136 | 82 | 3701878 | 38.950 | ng | 100 |
| 26) 2-Nitrophenol | 9.307 | 139 | 1088830 | 40.223 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 1801438 | 39.091 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 2278849 | 38.192 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.836 | 162 | 1863258 | 39.421 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 1987412 | 38.213 | ng | 100 |
| 31) Naphthalene | 10.231 | 128 | 5927872 | 38.257 | ng | 100 |
| 32) Benzoic acid | 9.542 | 122 | 1398585 | 41.555 | ng | 100 |
| 33) 4-Chloroaniline | 10.336 | 127 | 2603764 | 38.702 | ng | 100 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 1206197 | 38.619 | ng | 100 |
| 35) Caprolactam | 11.131 | 113 | 599453 | 38.538 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.478 | 107 | 1824293 | 38.647 | ng | 100 |
| 37) 2-Methylnaphthalene | 11.848 | 142 | 3843978 | 38.356 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.083 | 142 | 4055024 | 38.363 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.225 | 216 | 2240439 | 38.948 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 1343791 | 41.195 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.483 | 196 | 1548524 | 39.840 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

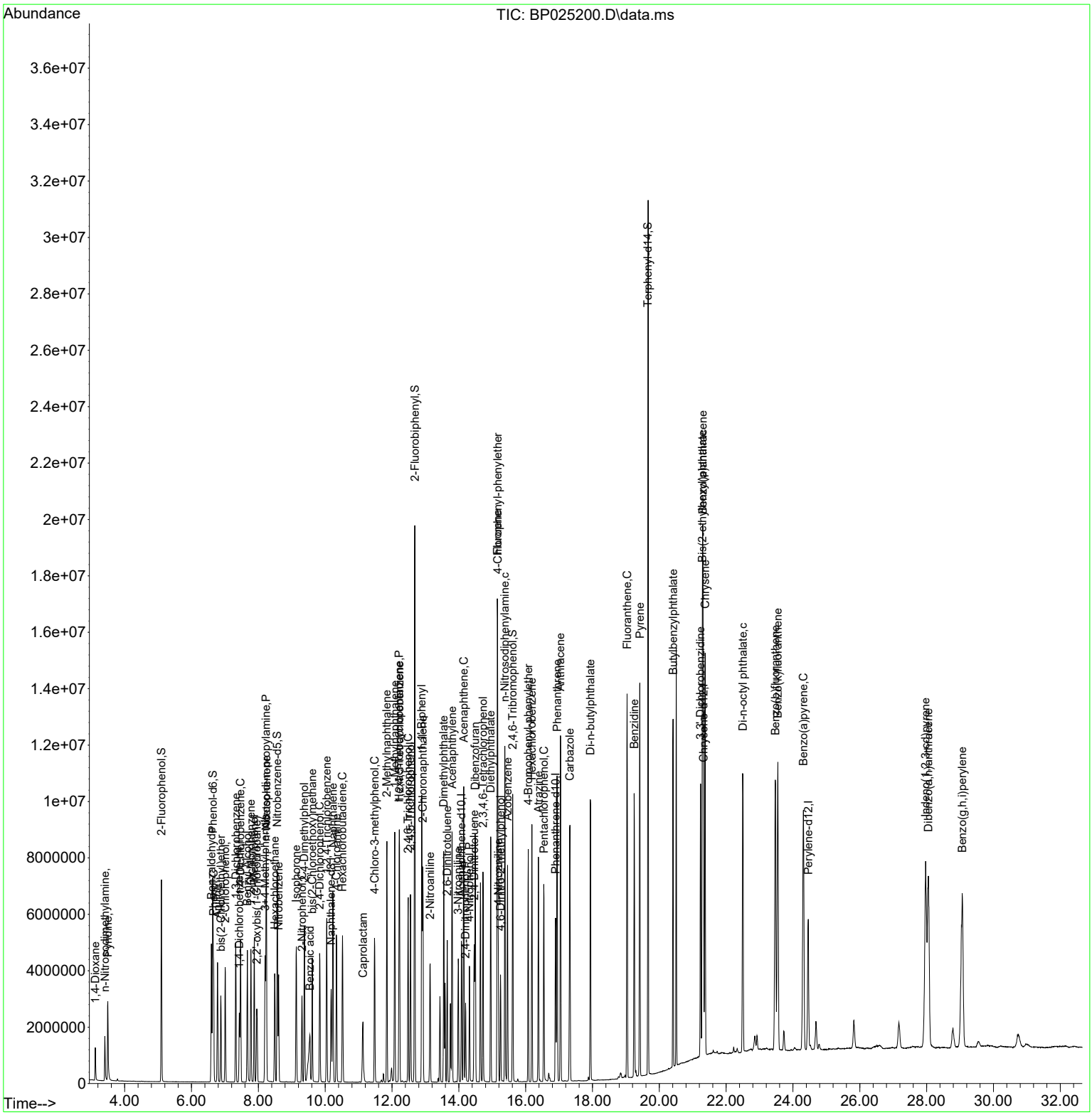
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 1710200 | 39.918 | ng | 100 |
| 46) 1,1'-Biphenyl | 12.889 | 154 | 5417896 | 38.574 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.919 | 162 | 4194712 | 38.548 | ng | 100 |
| 48) 2-Nitroaniline | 13.142 | 65 | 1091815 | 39.999 | ng | 100 |
| 49) Acenaphthylene | 13.801 | 152 | 6871857 | 38.510 | ng | 100 |
| 50) Dimethylphthalate | 13.548 | 163 | 5235471 | 37.775 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 1176482 | 40.101 | ng | 100 |
| 52) Acenaphthene | 14.148 | 154 | 3914560 | 38.081 | ng | 100 |
| 53) 3-Nitroaniline | 13.983 | 138 | 1298241 | 39.219 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 686084 | 41.732 | ng | 100 |
| 55) Dibenzofuran | 14.489 | 168 | 6369097 | 38.268 | ng | 100 |
| 56) 4-Nitrophenol | 14.319 | 139 | 1097489 | 38.906 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1650569 | 40.384 | ng | 100 |
| 58) Fluorene | 15.154 | 166 | 5039793 | 37.965 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.724 | 232 | 1484995 | 39.155 | ng | 100 |
| 60) Diethylphthalate | 14.954 | 149 | 5240206 | 38.266 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 2556797 | 38.212 | ng | 100 |
| 62) 4-Nitroaniline | 15.183 | 138 | 1316167 | 39.018 | ng | 100 |
| 63) Azobenzene | 15.460 | 77 | 4258175 | 38.711 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 966776 | 42.156 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.377 | 169 | 4401660 | 38.582 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.077 | 248 | 1704976 | 39.475 | ng | 100 |
| 68) Hexachlorobenzene | 16.189 | 284 | 2053102 | 39.808 | ng | 100 |
| 69) Atrazine | 16.383 | 200 | 1617356 | 38.894 | ng | 100 |
| 70) Pentachlorophenol | 16.548 | 266 | 1390894 | 40.516 | ng | 100 |
| 71) Phenanthrene | 16.942 | 178 | 7842294 | 38.421 | ng | 100 |
| 72) Anthracene | 17.042 | 178 | 7936213 | 38.301 | ng | 100 |
| 73) Carbazole | 17.324 | 167 | 7541201 | 38.250 | ng | 100 |
| 74) Di-n-butylphthalate | 17.936 | 149 | 8871376 | 38.374 | ng | 100 |
| 75) Fluoranthene | 19.036 | 202 | 9173742 | 38.012 | ng | 100 |
| 77) Benzidine | 19.248 | 184 | 6227248 | 44.306 | ng | 100 |
| 78) Pyrene | 19.418 | 202 | 9256689 | 39.587 | ng | 100 |
| 80) Butylbenzylphthalate | 20.412 | 149 | 4149304 | 40.211 | ng | 100 |
| 81) Benzo(a)anthracene | 21.306 | 228 | 9153419 | 38.246 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.236 | 252 | 3746897 | 38.181 | ng | 100 |
| 83) Chrysene | 21.371 | 228 | 8527648 | 38.208 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 5901118 | 39.227 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.500 | 149 | 10181858 | 38.831 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.971 | 276 | 12392600 | 38.803 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.471 | 252 | 9832372 | 38.806 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.547 | 252 | 9849710 | 39.154 | ng | 100 |
| 90) Benzo(a)pyrene | 24.312 | 252 | 9588064 | 38.984 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.053 | 278 | 10213563 | 38.996 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.071 | 276 | 9993377 | 38.952 | ng | 100 |

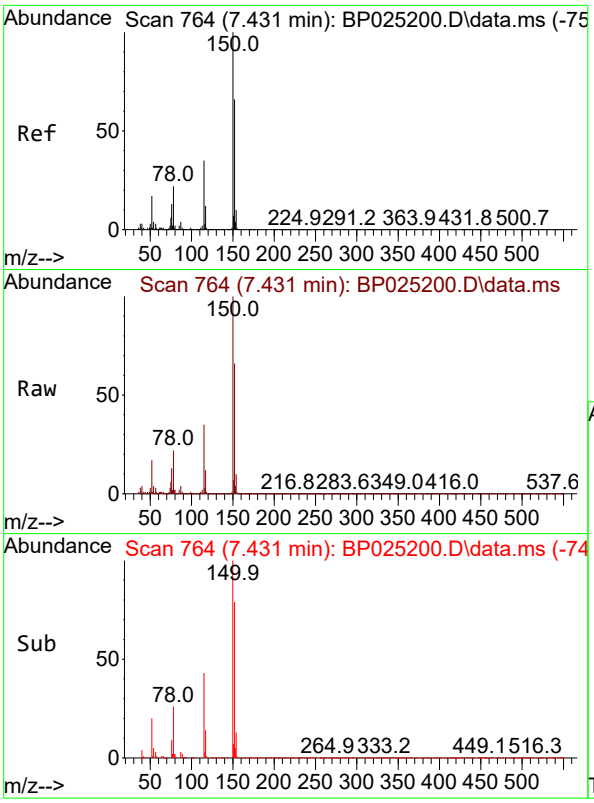
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025200.D
Acq On : 21 Jul 2025 17:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 22 02:31:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



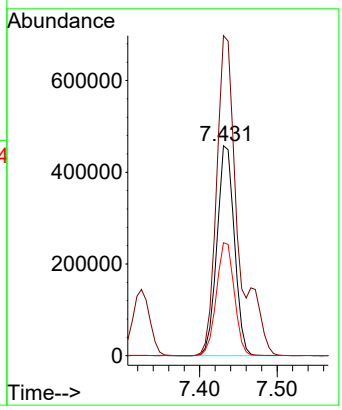


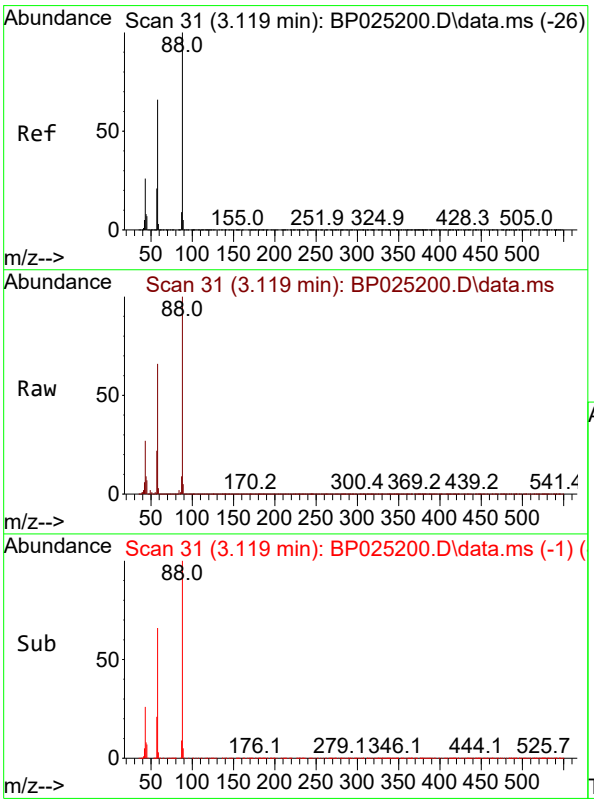

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 716086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.4 | 121.9 | 182.9 |
| 115 | 53.8 | 43.0 | 64.6 |

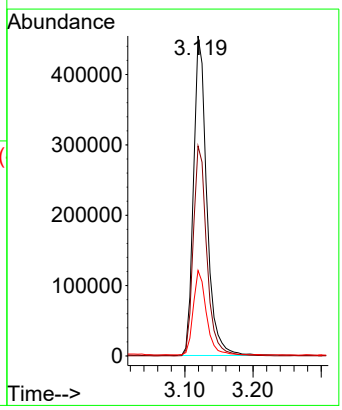


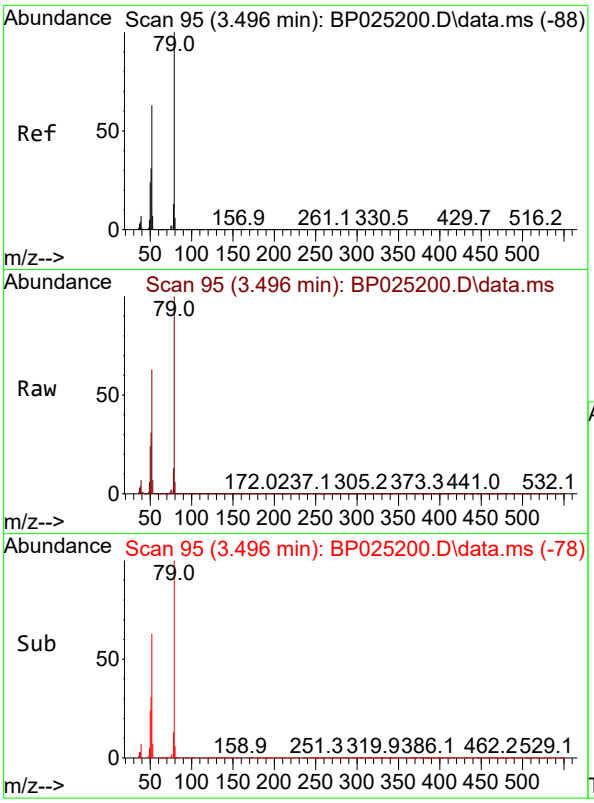




#2
1,4-Dioxane
Concen: 38.071 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 88 Resp: 613318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.9 | 53.5 | 80.3 |
| 43 | 26.0 | 20.8 | 31.2 |



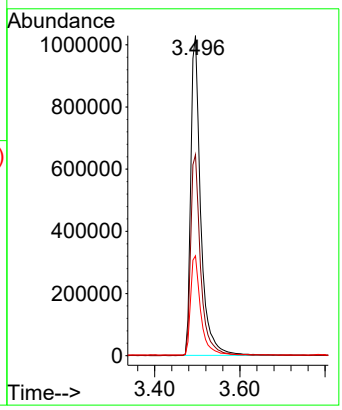


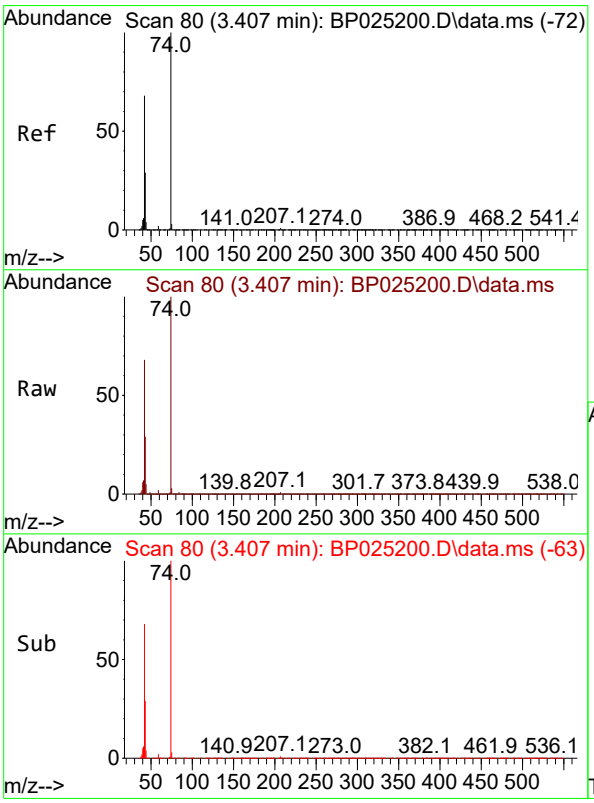

#3
Pyridine
Concen: 39.146 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 1670295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.8 | 50.2 | 75.4 |
| 51 | 31.2 | 25.0 | 37.4 |

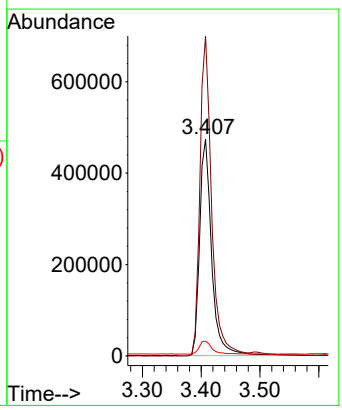


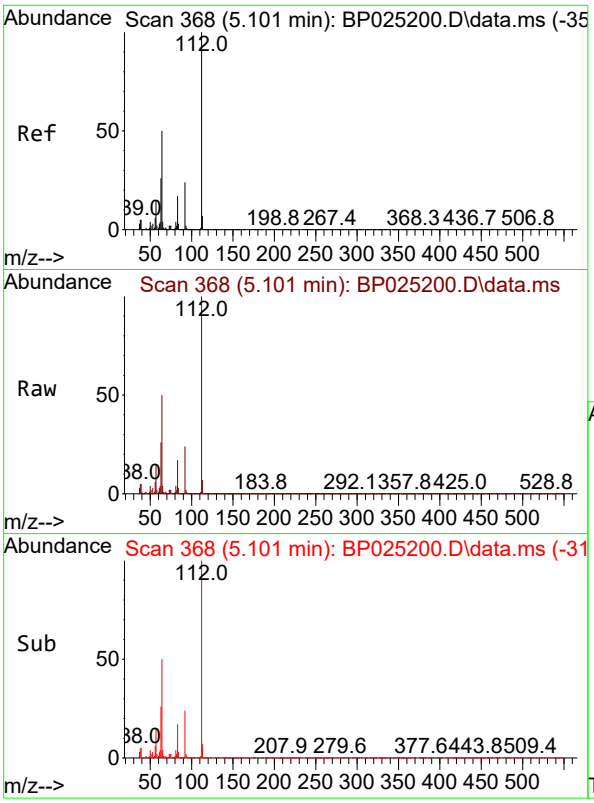




#4
n-Nitrosodimethylamine
Concen: 39.840 ng
RT: 3.407 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 42 Resp: 670875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 147.5 | 118.0 | 177.0 |
| 44 | 6.9 | 5.5 | 8.3 |



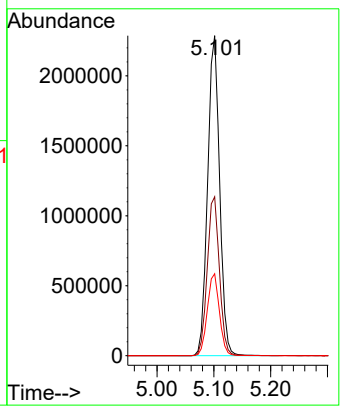


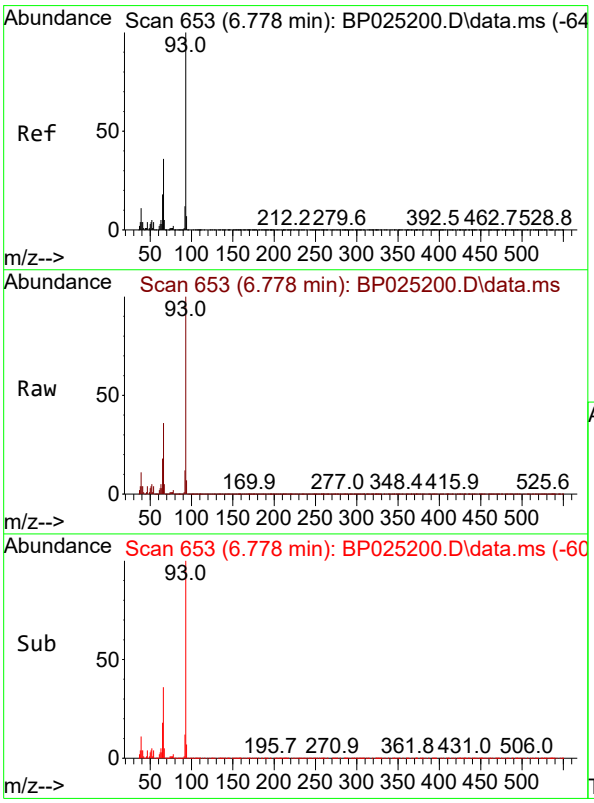

#5
2-Fluorophenol
Concen: 77.740 ng
RT: 5.101 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:112 Resp: 3332284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.7 | 39.8 | 59.6 |
| 63 | 25.6 | 20.5 | 30.7 |

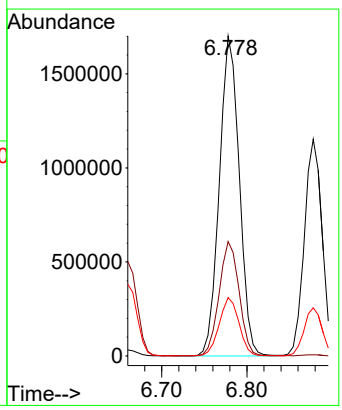


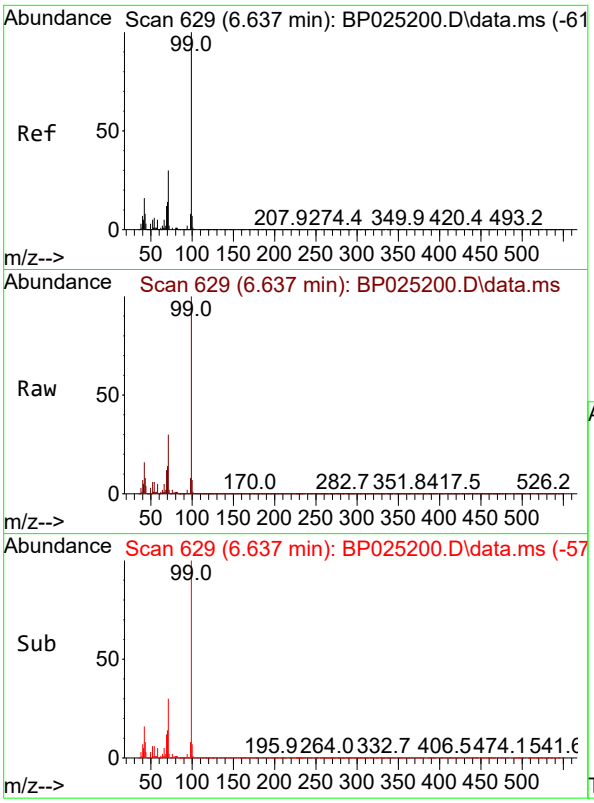




#6
Aniline
Concen: 40.082 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2758328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.8 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



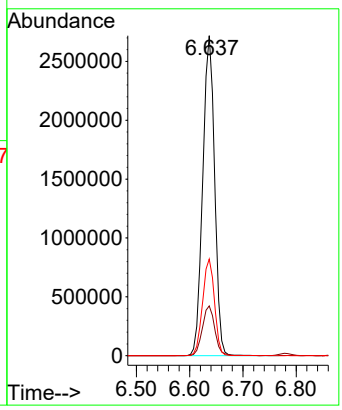


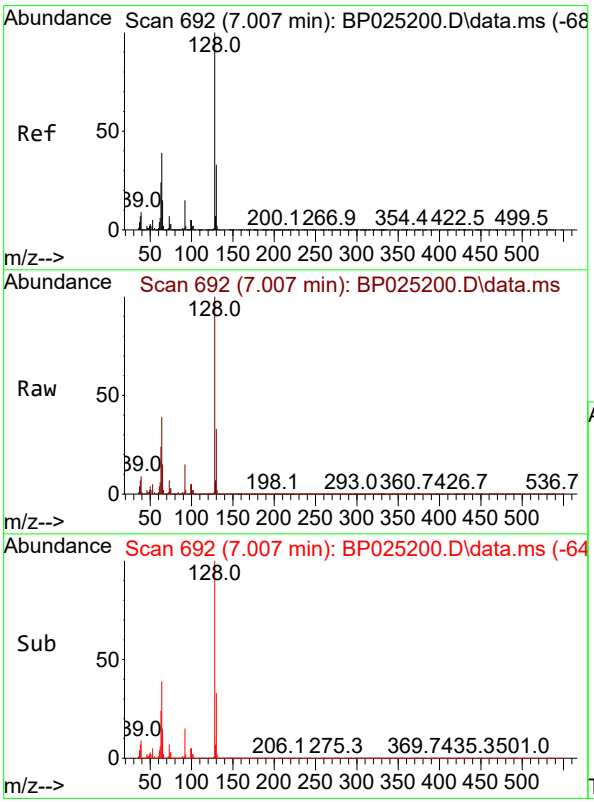

#7
Phenol-d6
Concen: 79.463 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 99 Resp: 4205182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 12.5 | 18.7 |
| 71 | 30.2 | 24.2 | 36.2 |

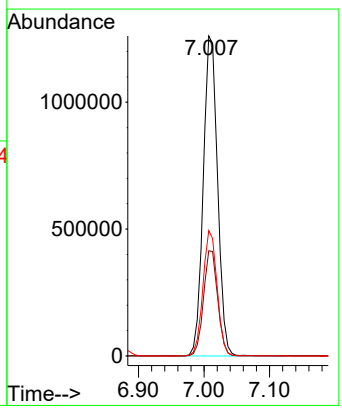


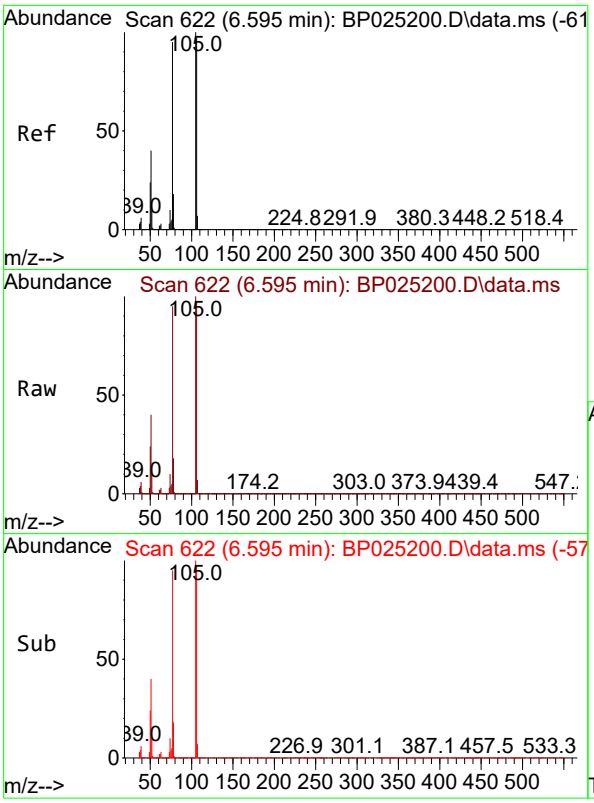




#8
2-Chlorophenol
Concen: 39.736 ng
RT: 7.007 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:128 Resp: 1916454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 39.2 | 19.2 | 59.2 |



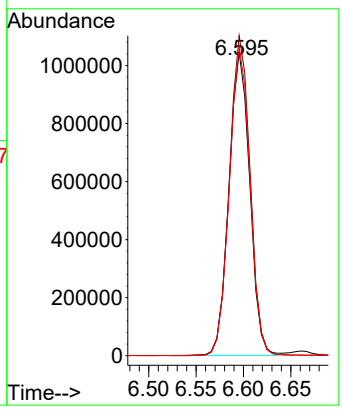


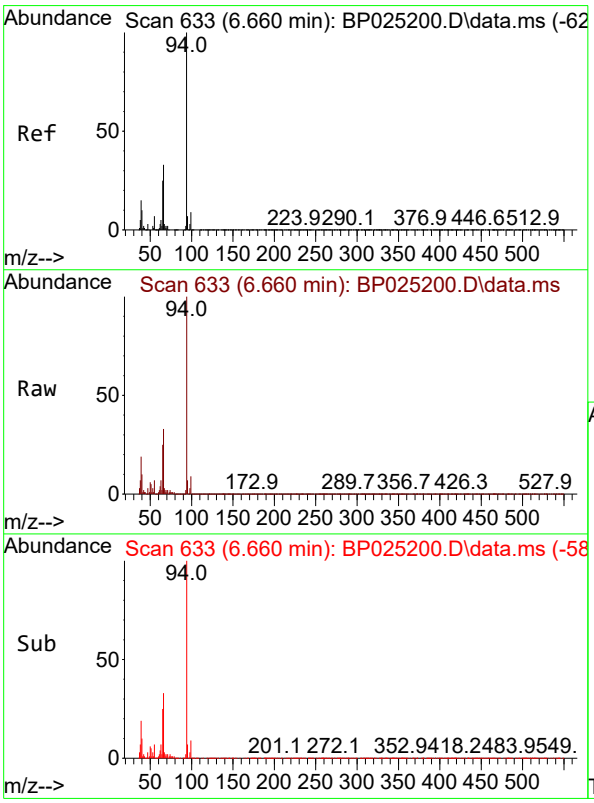

#9
Benzaldehyde
Concen: 42.007 ng
RT: 6.595 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 1588648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.5 | 85.5 | 125.5 |
| 106 | 101.9 | 81.9 | 121.9 |

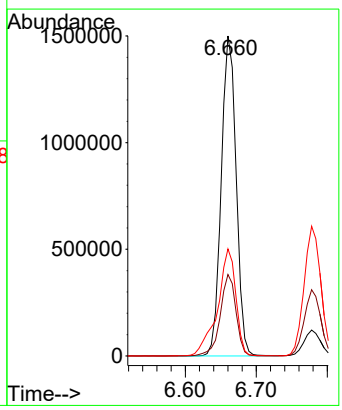


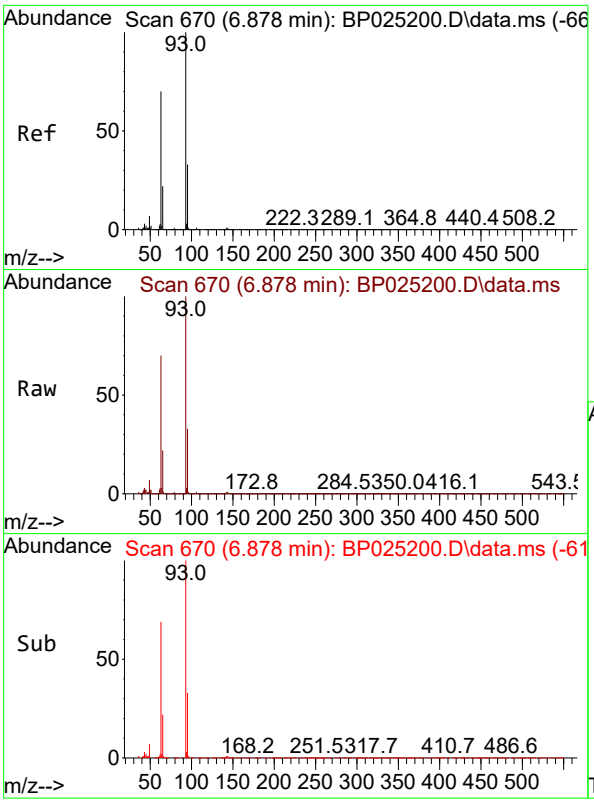




#10
Phenol
Concen: 39.738 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 94 Resp: 2175741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.4 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |



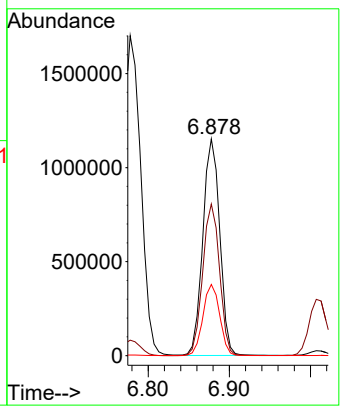


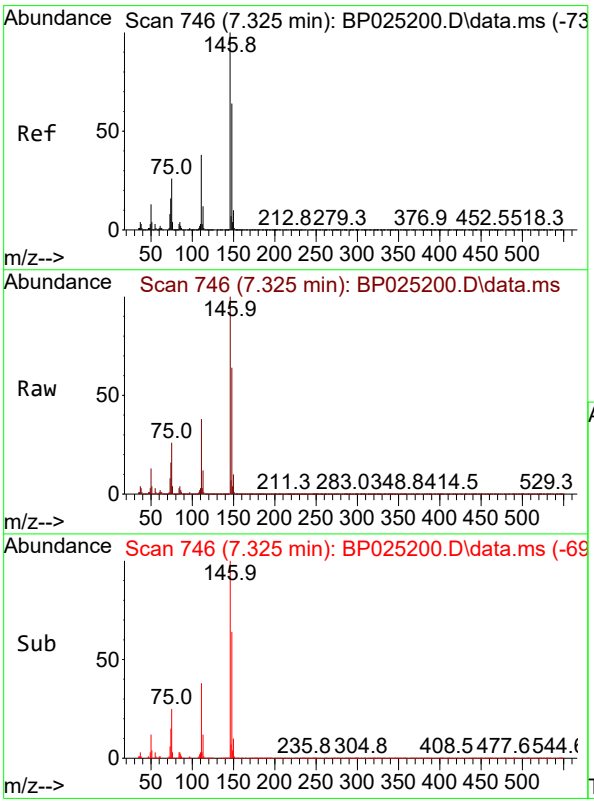

#11
bis(2-Chloroethyl)ether
Concen: 39.664 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 93 Resp: 1667453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.0 | 50.0 | 90.0 |
| 95 | 32.9 | 12.9 | 52.9 |

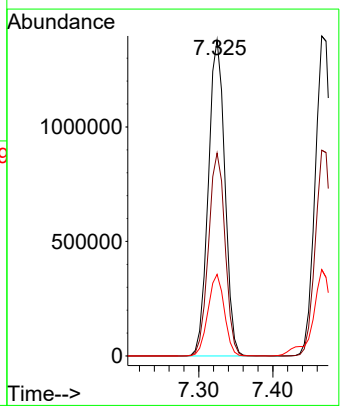


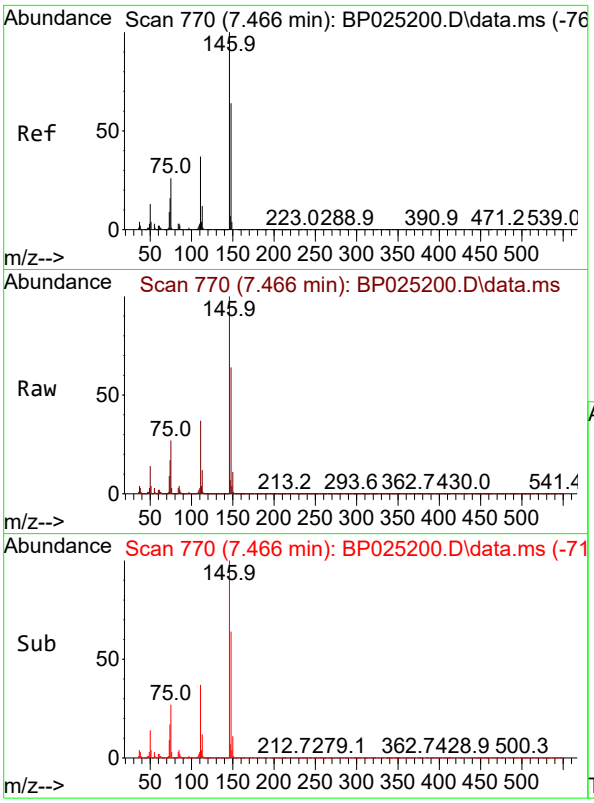




#12
1,3-Dichlorobenzene
Concen: 39.069 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2137788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.0 |
| 75 | 25.8 | 20.6 | 31.0 |



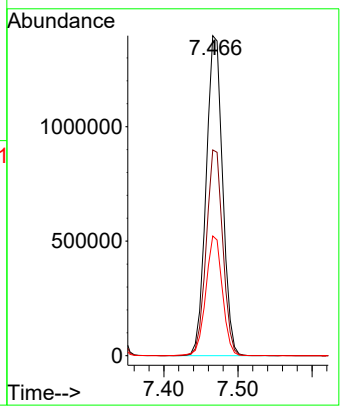


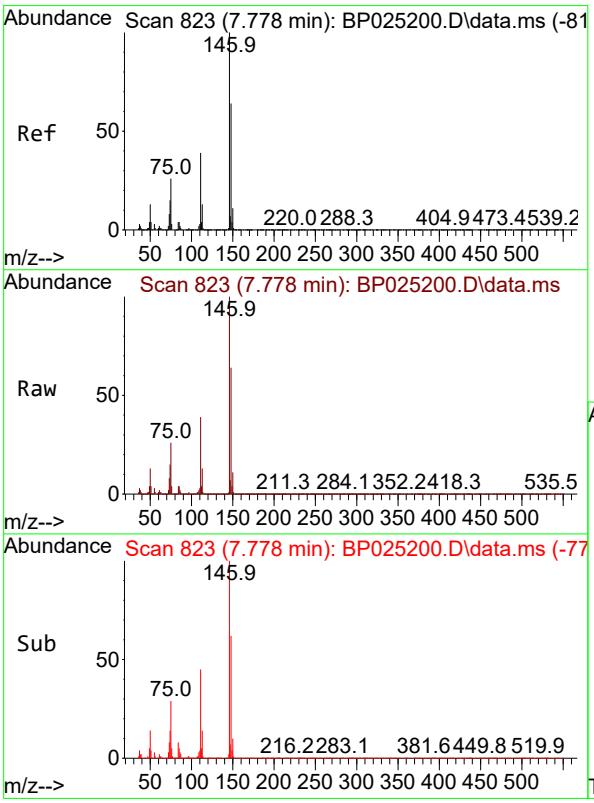

#13
1,4-Dichlorobenzene
Concen: 39.058 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:146 Resp: 2156704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.2 |
| 111 | 37.4 | 29.9 | 44.9 |

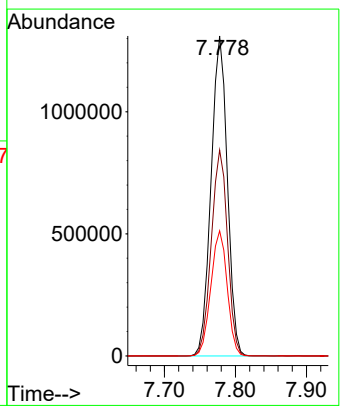


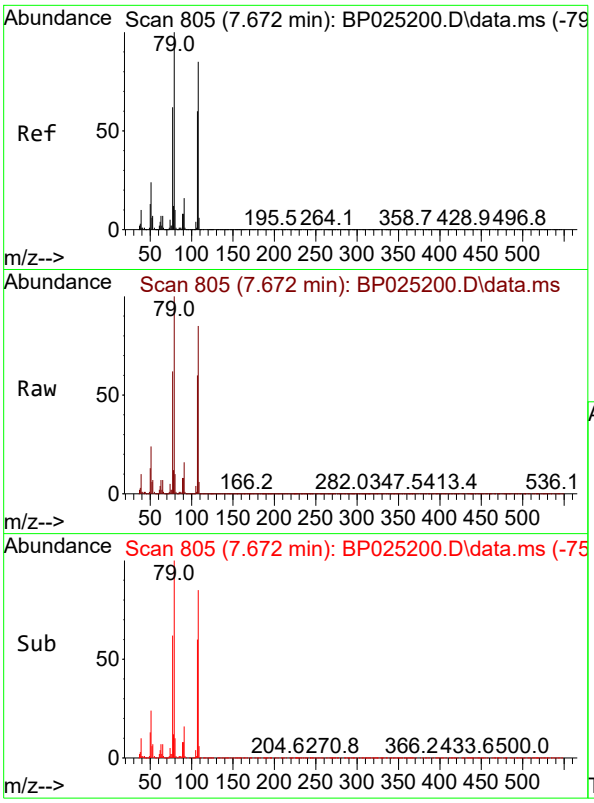




#14
1,2-Dichlorobenzene
Concen: 39.177 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:146 Resp: 2078661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.5 | 77.3 |
| 111 | 39.1 | 31.3 | 46.9 |



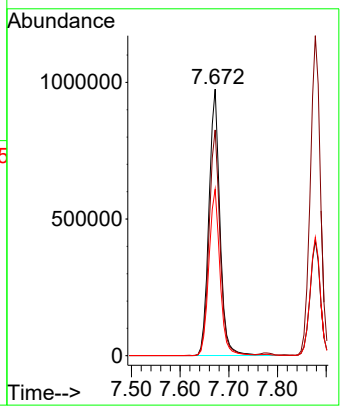


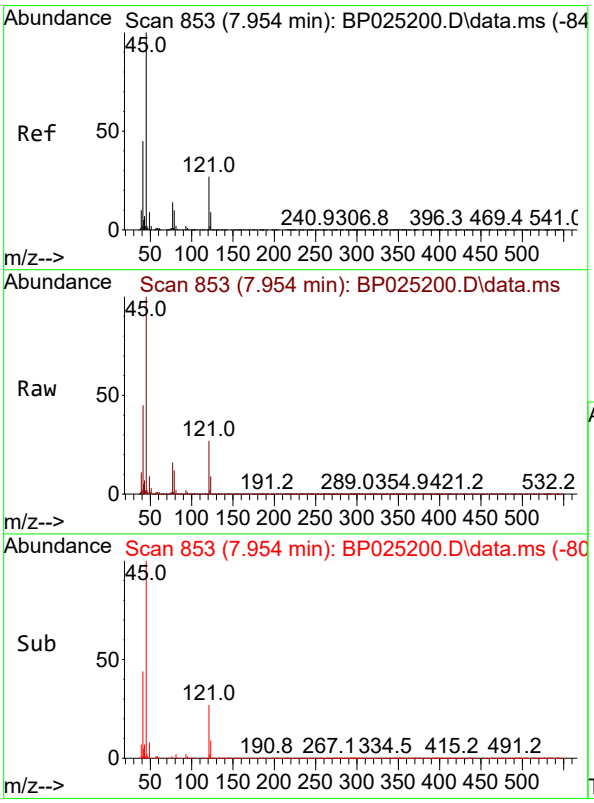

#15
Benzyl Alcohol
Concen: 40.143 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 1522703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.7 | 67.8 | 101.6 |
| 77 | 62.4 | 49.9 | 74.9 |

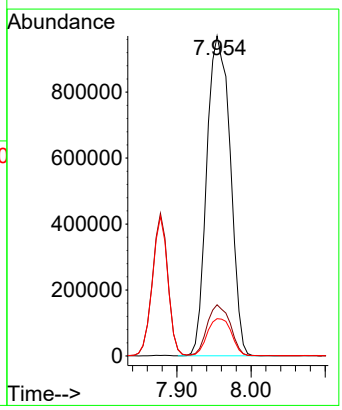


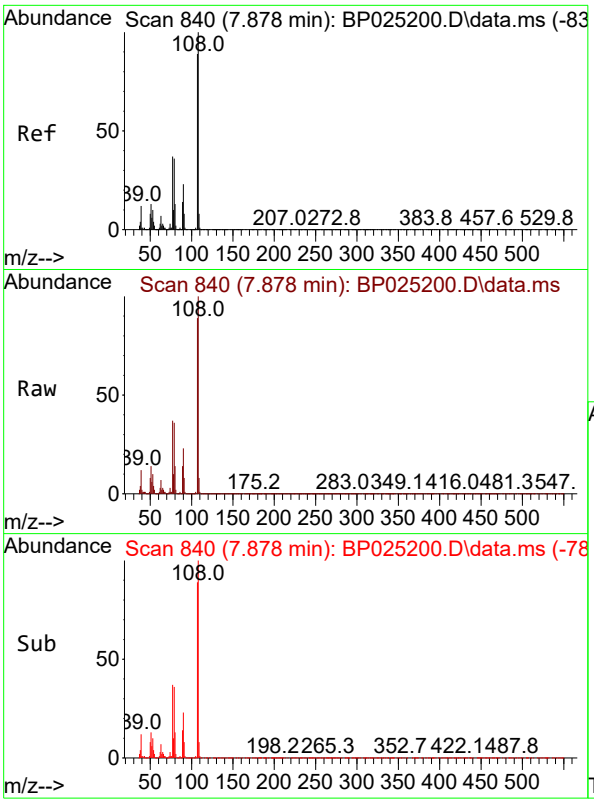




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.489 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 45 Resp: 2129397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.0 | 0.0 | 36.0 |
| 79 | 11.7 | 0.0 | 31.7 |



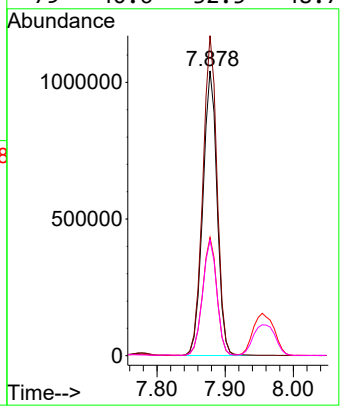


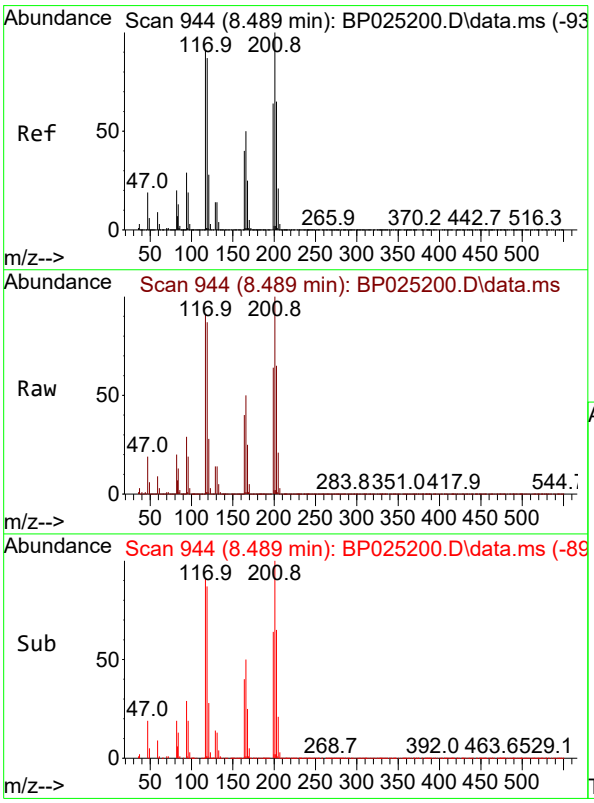

#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:107 Resp: 1514702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 89.8 | 134.8 |
| 77 | 41.5 | 33.2 | 49.8 |
| 79 | 40.6 | 32.5 | 48.7 |

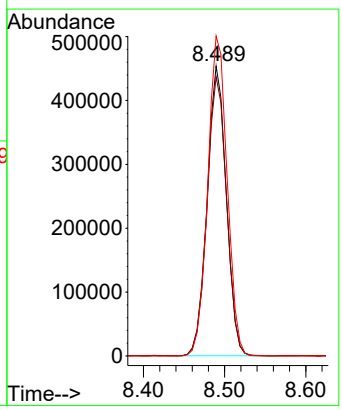


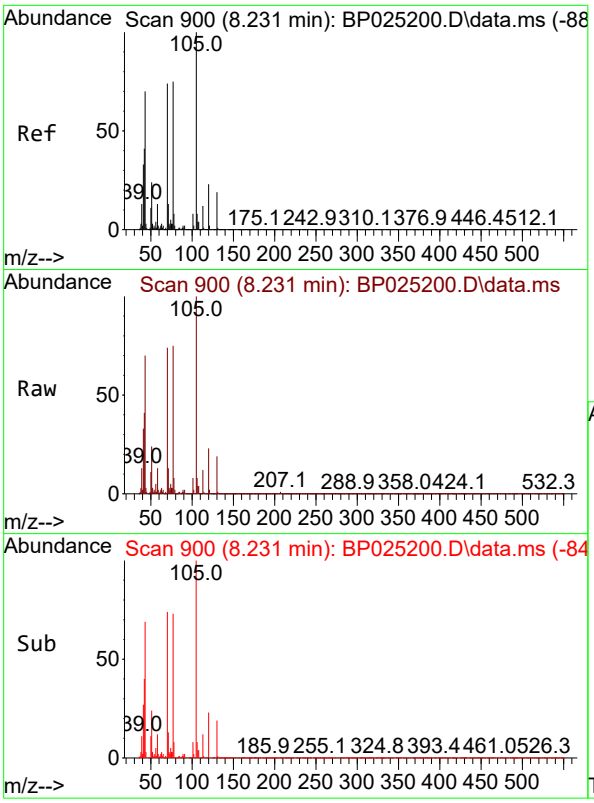




#18
Hexachloroethane
Concen: 39.515 ng
RT: 8.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:117 Resp: 745054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 77.0 | 115.6 |
| 201 | 110.4 | 88.3 | 132.5 |



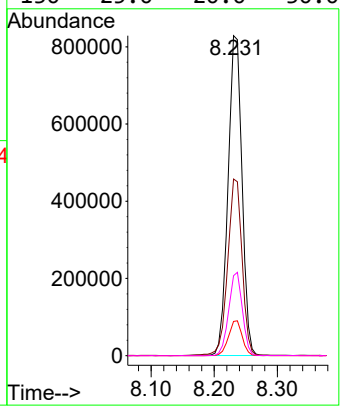


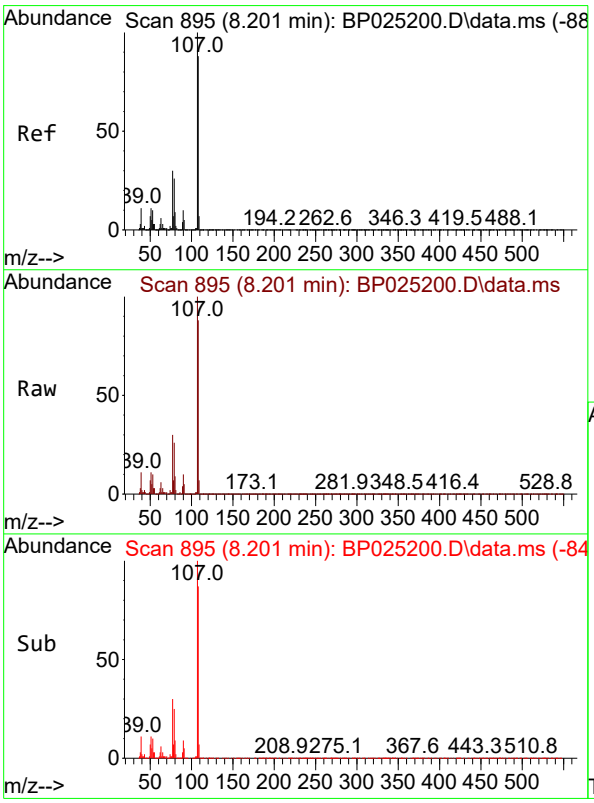

#19
n-Nitroso-di-n-propylamine
Concen: 39.862 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 70 Resp: 1271335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.2 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 25.0 | 20.0 | 30.0 |

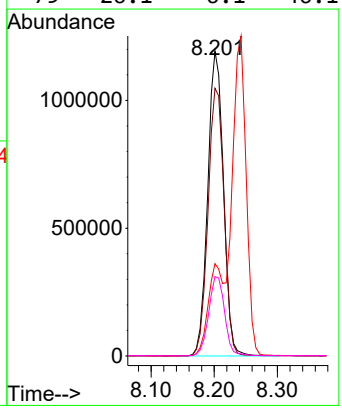


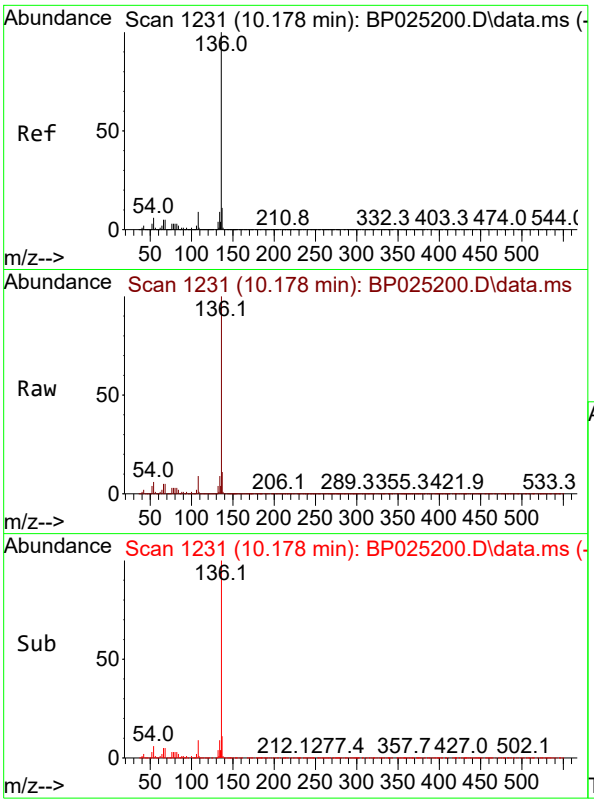




#20
3+4-Methylphenols
Concen: 39.873 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 2062504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.8 | 67.8 | 107.8 |
| 77 | 30.3 | 10.3 | 50.3 |
| 79 | 26.1 | 6.1 | 46.1 |



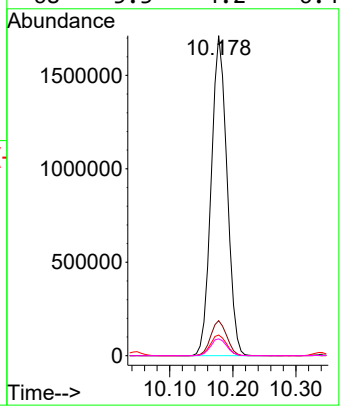


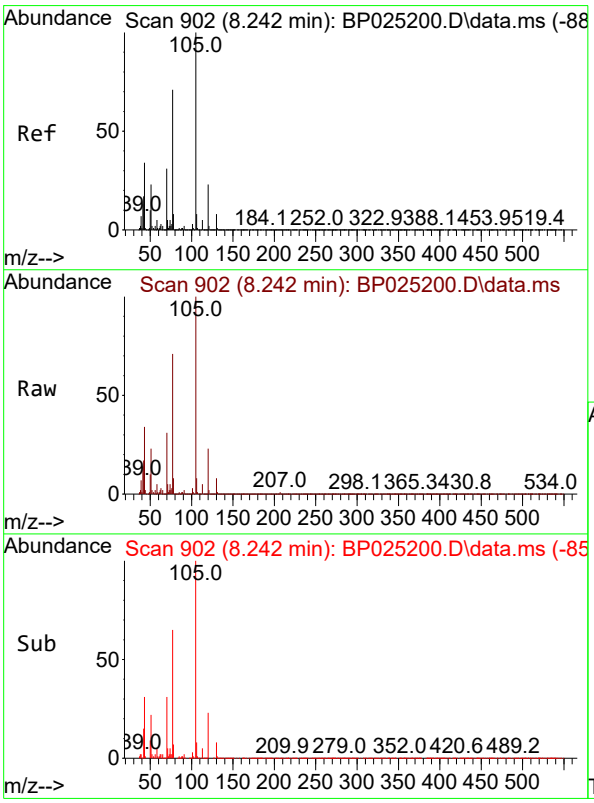

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:136 Resp: 2975305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |

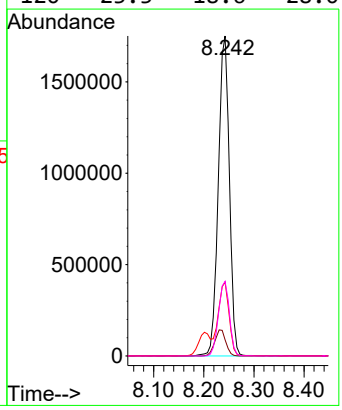


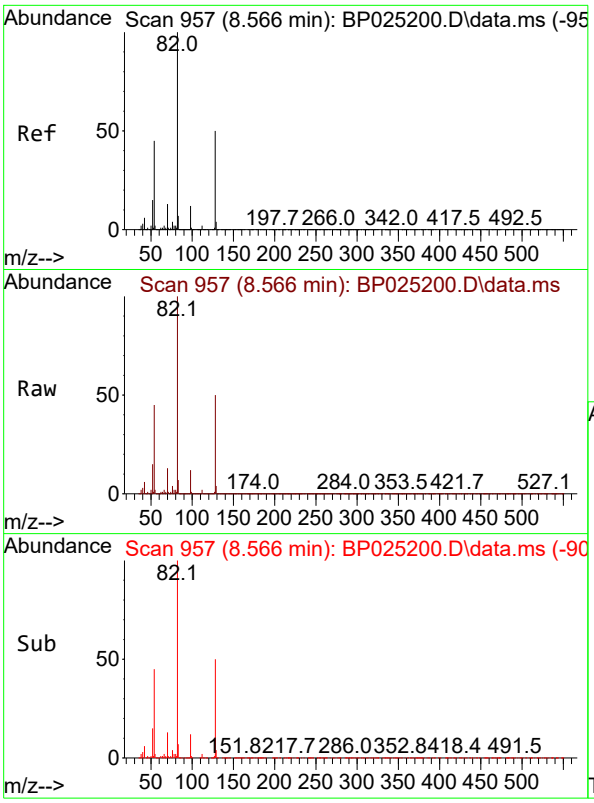




#22
Acetophenone
Concen: 37.975 ng
RT: 8.242 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:105 Resp: 2676137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.1 | 4.1 | 6.1 |
| 51 | 23.1 | 18.5 | 27.7 |
| 120 | 23.3 | 18.6 | 28.0 |



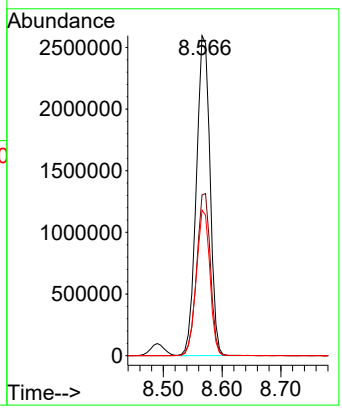


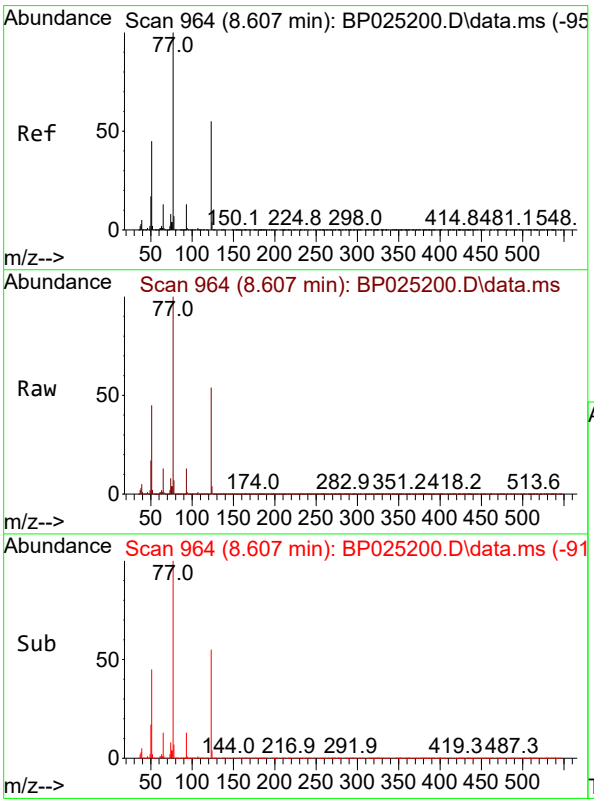

#23
Nitrobenzene-d5
Concen: 77.213 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 4190097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.3 | 40.2 | 60.4 |
| 54 | 45.4 | 36.3 | 54.5 |

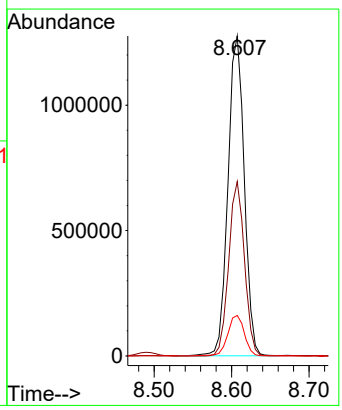


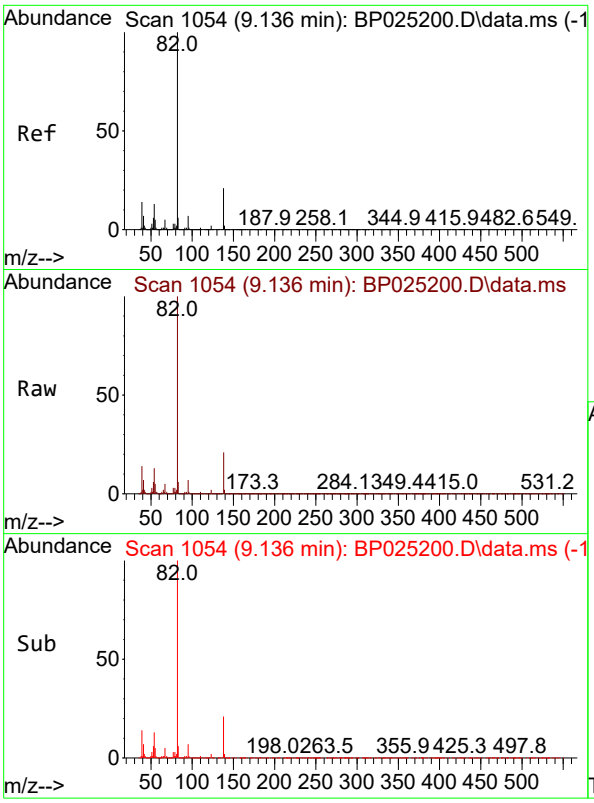




#24
Nitrobenzene
Concen: 38.831 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 77 Resp: 1867495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 54.5 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |



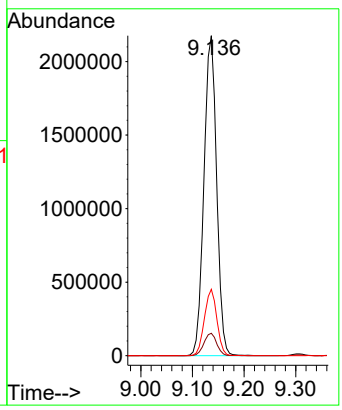


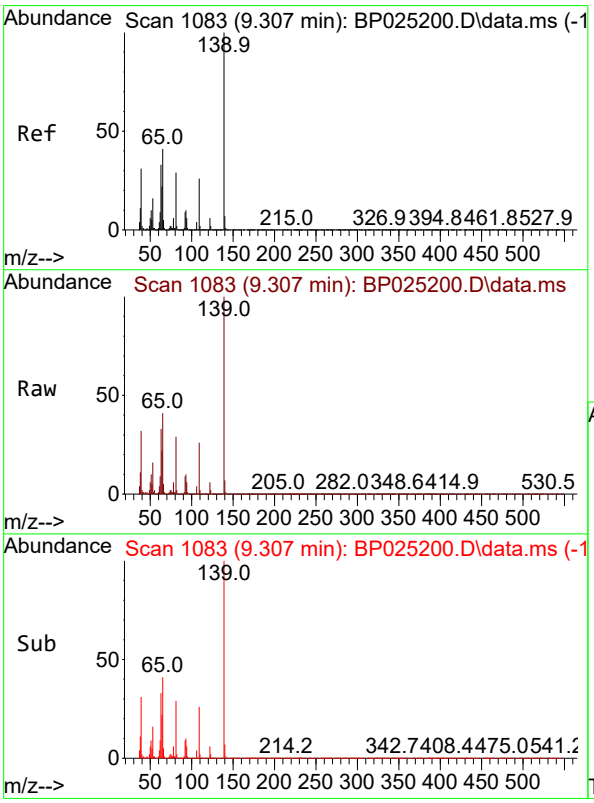

#25
Isophorone
Concen: 38.950 ng
RT: 9.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 3701878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 20.8 | 16.6 | 25.0 |

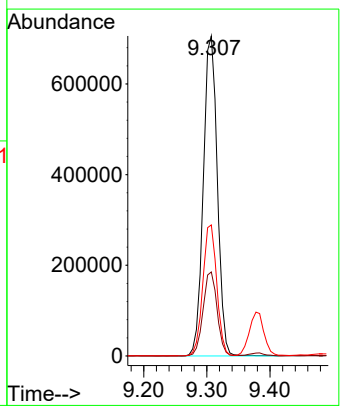


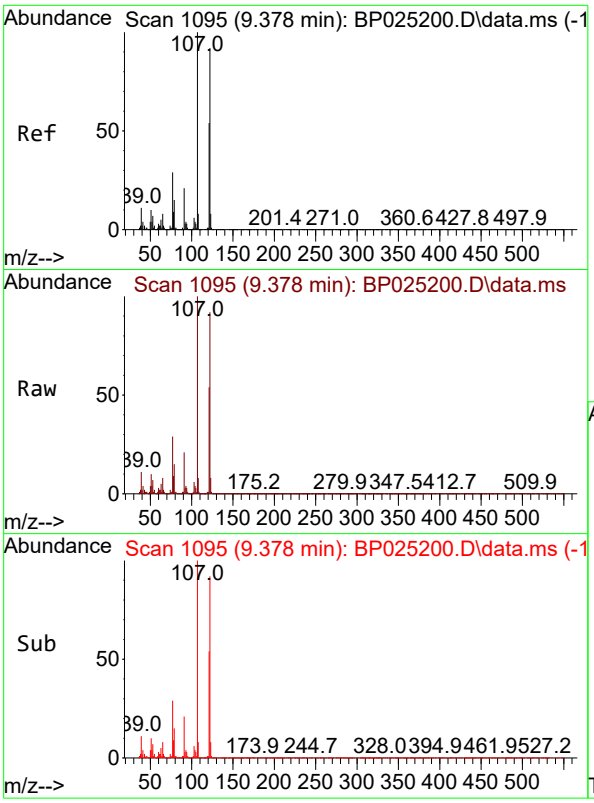




#26
2-Nitrophenol
Concen: 40.223 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1088830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.3 | 21.0 | 31.6 |
| 65 | 40.9 | 32.7 | 49.1 |



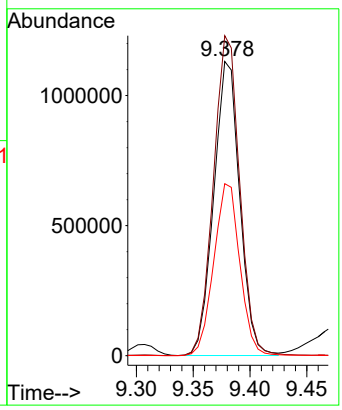


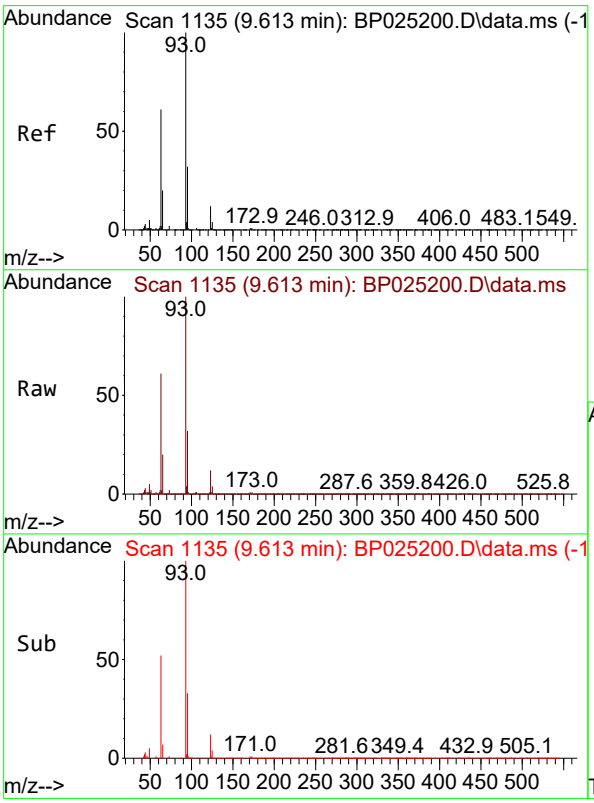

#27
2,4-Dimethylphenol
Concen: 39.091 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:122 Resp: 1801438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.7 | 87.0 | 130.4 |
| 121 | 58.4 | 46.7 | 70.1 |

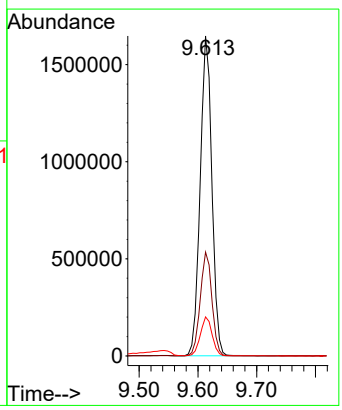


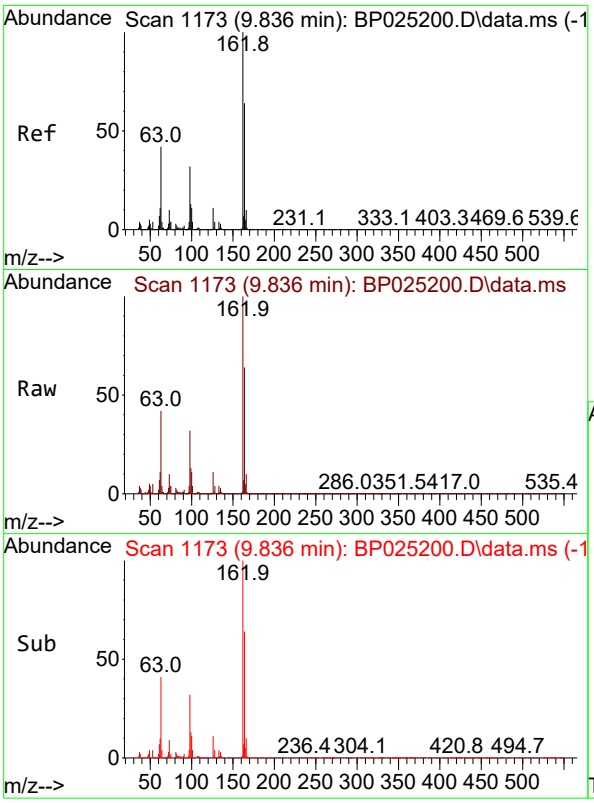




#28
bis(2-Chloroethoxy)methane
Concen: 38.192 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 93 Resp: 2278849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |



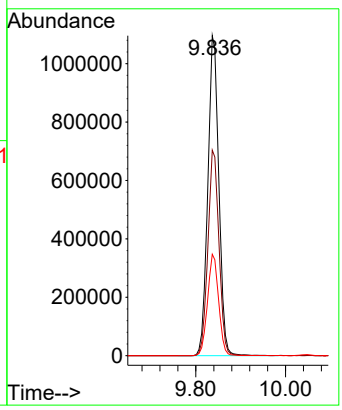


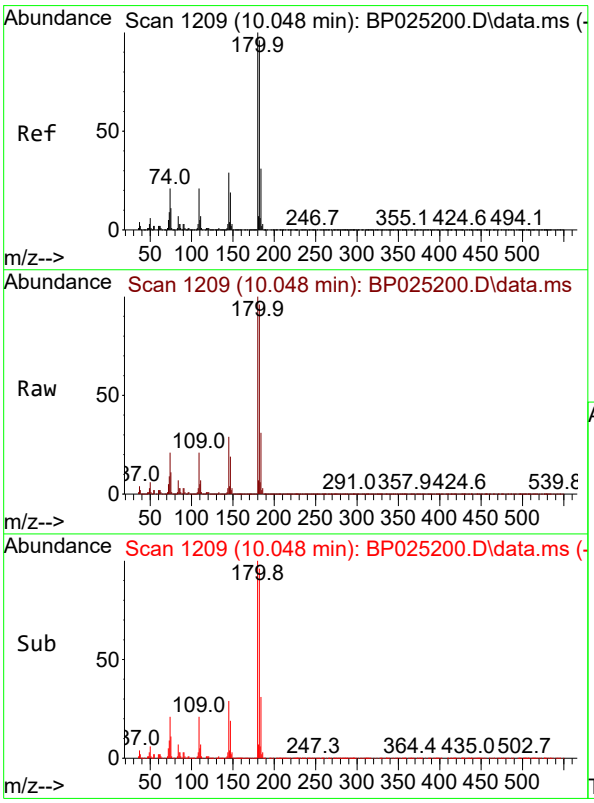

#29
2,4-Dichlorophenol
Concen: 39.421 ng
RT: 9.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 1863258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 31.7 | 11.7 | 51.7 |

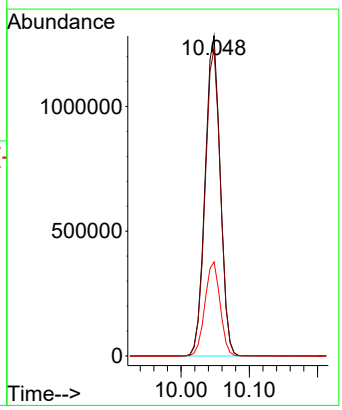


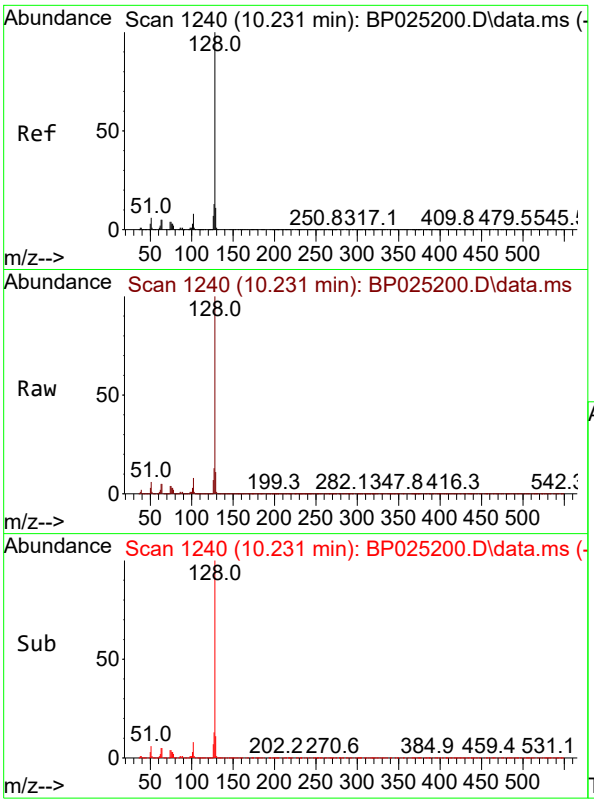




#30
1,2,4-Trichlorobenzene
Concen: 38.213 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:180 Resp: 1987412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 76.7 | 115.1 |
| 145 | 29.4 | 23.5 | 35.3 |



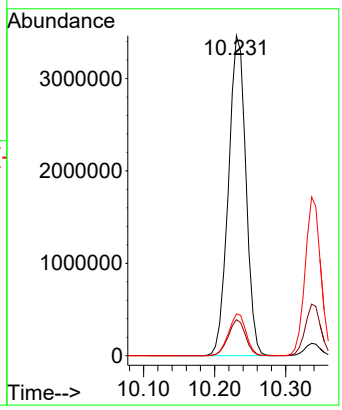


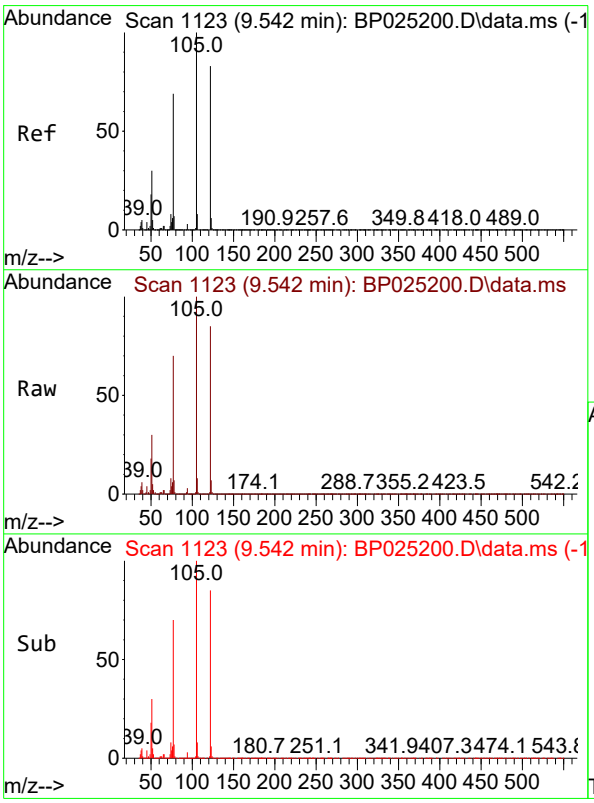

#31
Naphthalene
Concen: 38.257 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:128 Resp: 5927872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.0 | 10.4 | 15.6 |

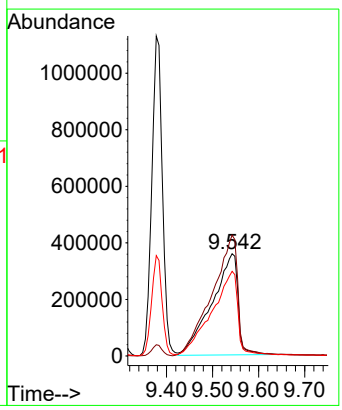


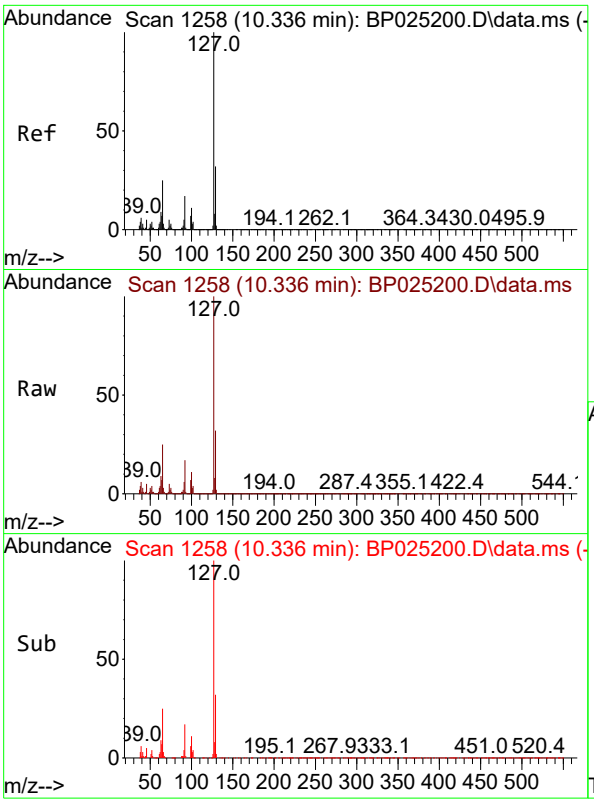




#32
Benzoic acid
Concen: 41.555 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:122 Resp: 1398585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.1 | 98.1 | 138.1 |
| 77 | 82.7 | 62.7 | 102.7 |



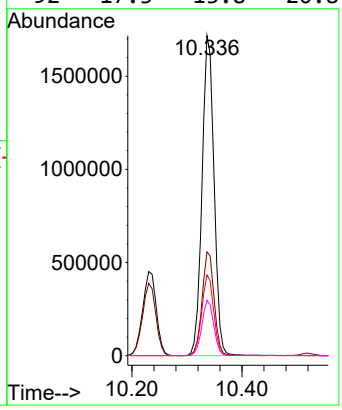


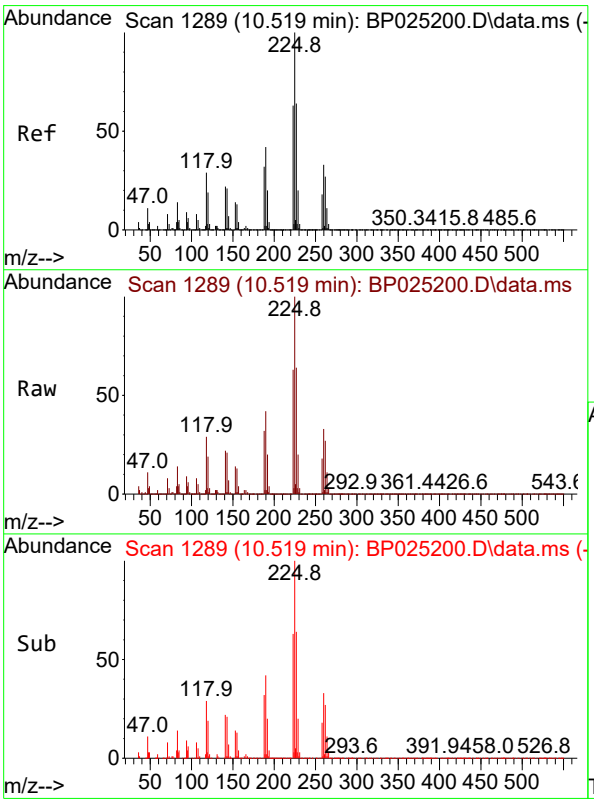

#33
4-Chloroaniline
Concen: 38.702 ng
RT: 10.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:127 Resp: 2603764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.9 | 38.9 |
| 65 | 25.3 | 20.2 | 30.4 |
| 92 | 17.3 | 13.8 | 20.8 |

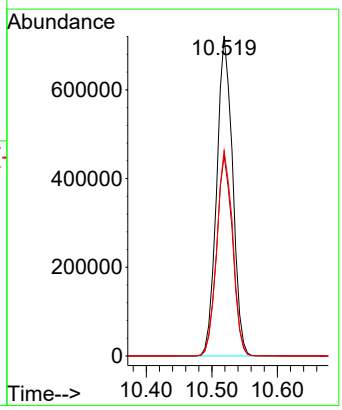


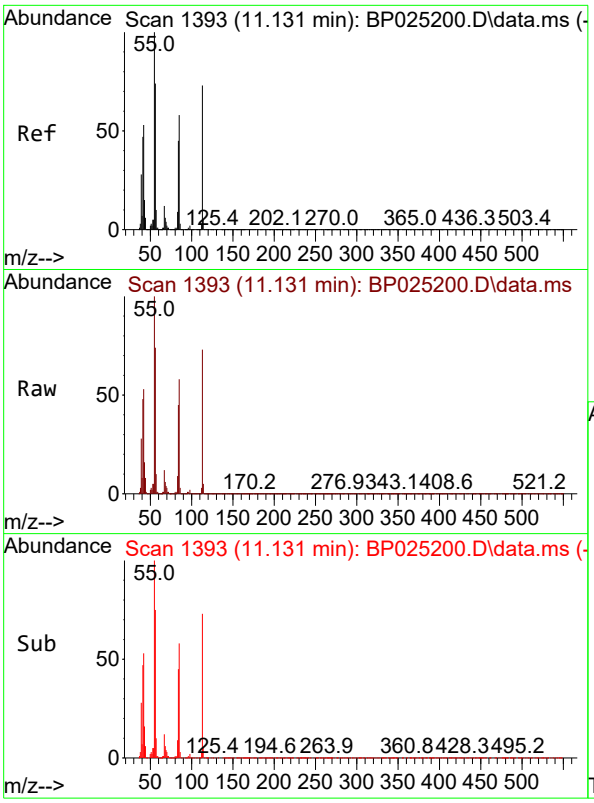




#34
Hexachlorobutadiene
Concen: 38.619 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:225 Resp: 1206197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 50.1 | 75.1 |
| 227 | 64.2 | 51.4 | 77.0 |



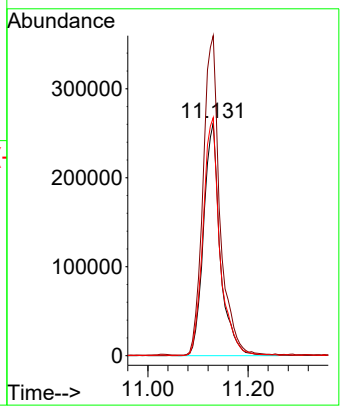


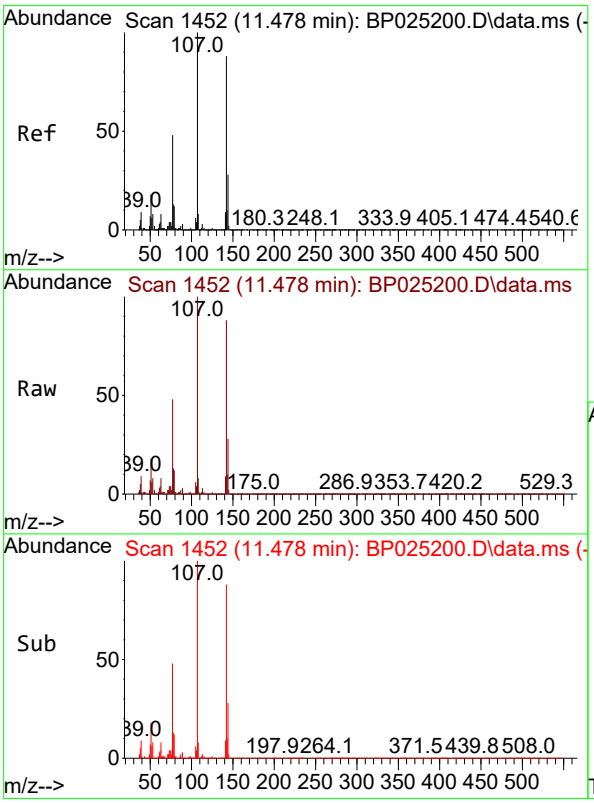

#35
Caprolactam
Concen: 38.538 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:113 Resp: 599453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.6 | 117.6 | 157.6 |
| 56 | 102.4 | 82.4 | 122.4 |

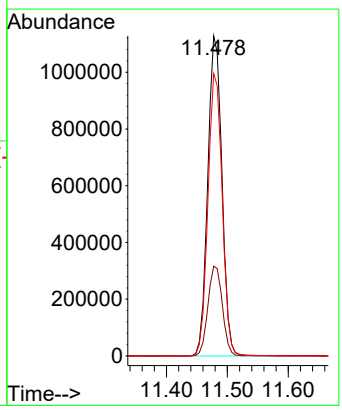


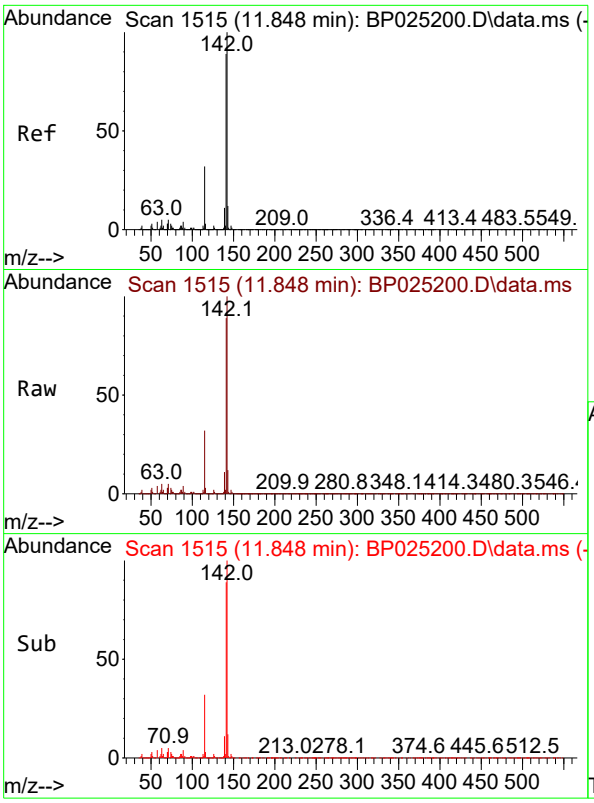




#36
4-Chloro-3-methylphenol
Concen: 38.647 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:107 Resp: 1824293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.1 | 22.5 | 33.7 |
| 142 | 88.2 | 70.6 | 105.8 |



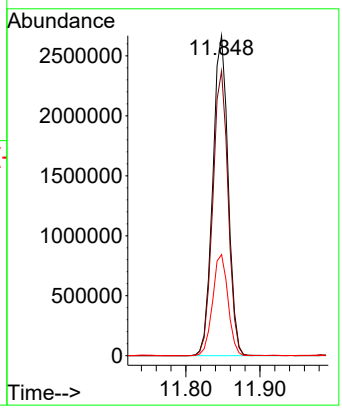


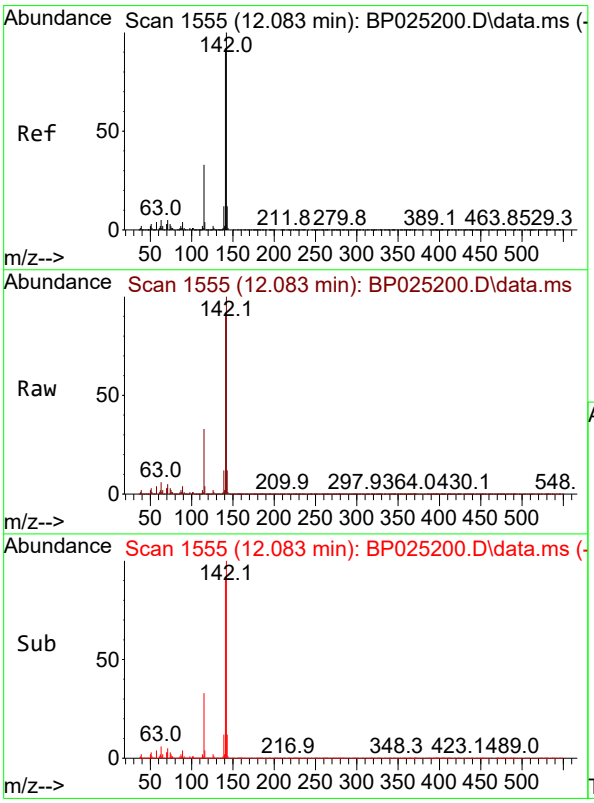

#37
2-Methylnaphthalene
Concen: 38.356 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:142 Resp: 3843978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 71.2 | 106.8 |
| 115 | 31.6 | 25.3 | 37.9 |

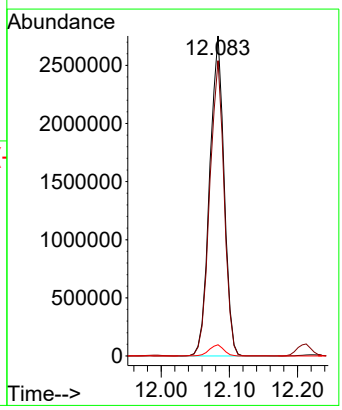


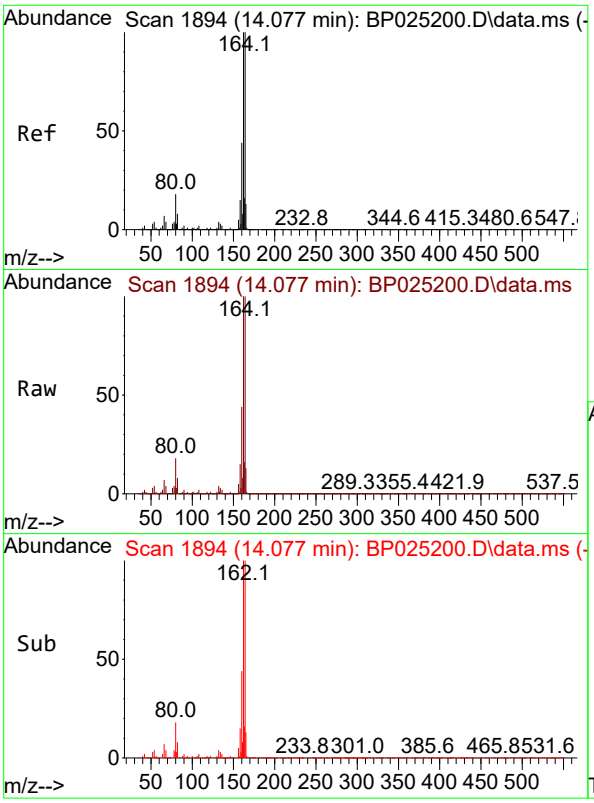




#38
1-Methylnaphthalene
Concen: 38.363 ng
RT: 12.083 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:142 Resp: 4055024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.3 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



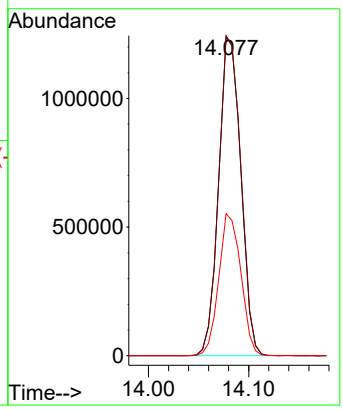


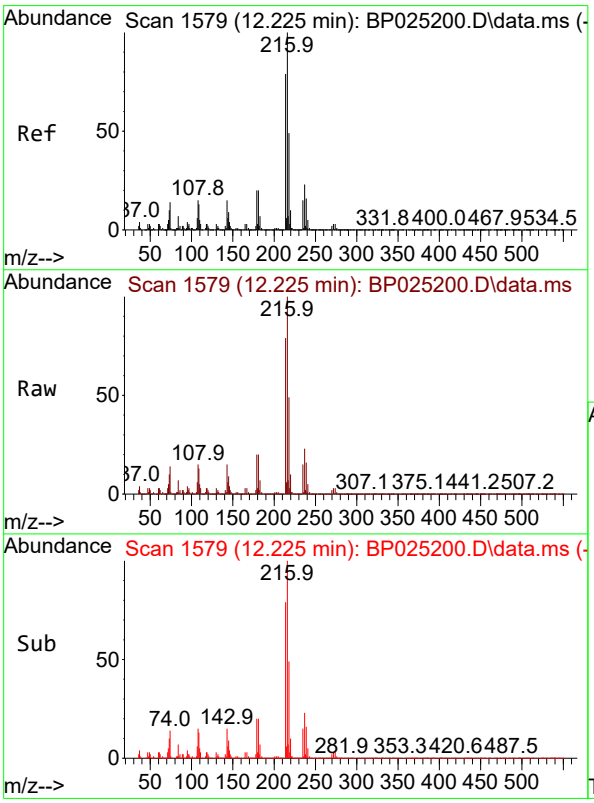

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.077 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:164 Resp: 1899529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.3 | 120.5 |
| 160 | 44.6 | 35.7 | 53.5 |

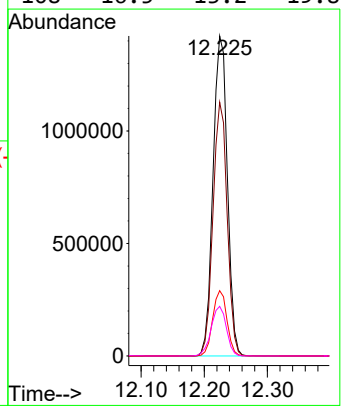


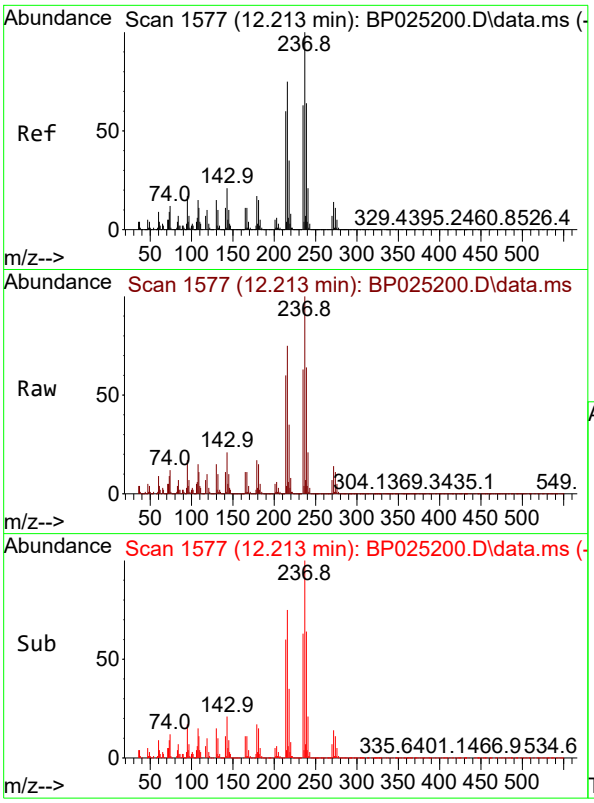




#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.948 ng
RT: 12.225 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:216 Resp: 2240439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.7 | 94.1 |
| 179 | 20.3 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |



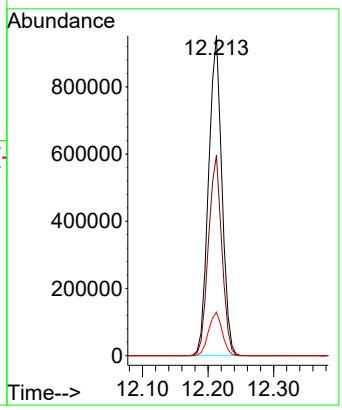


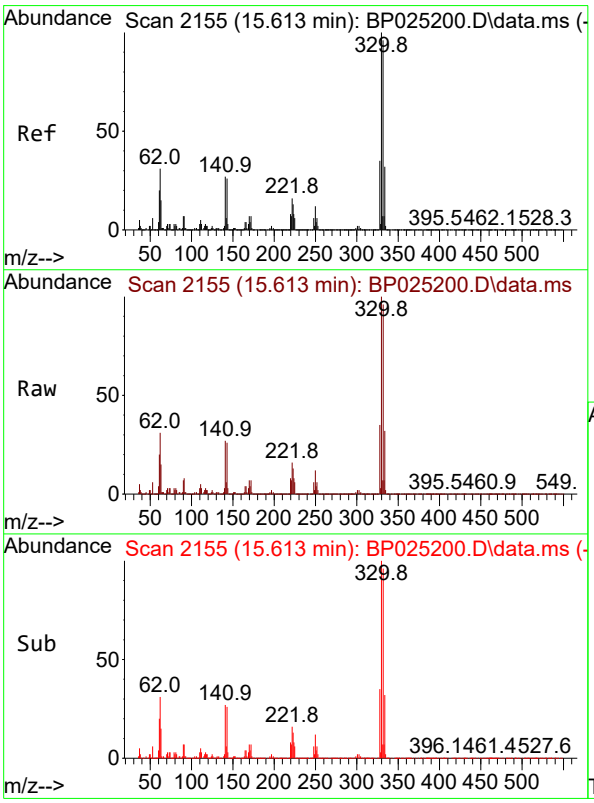

#41
Hexachlorocyclopentadiene
Concen: 41.195 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:237 Resp: 1343791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 42.7 | 82.7 |
| 272 | 13.6 | 0.0 | 33.6 |

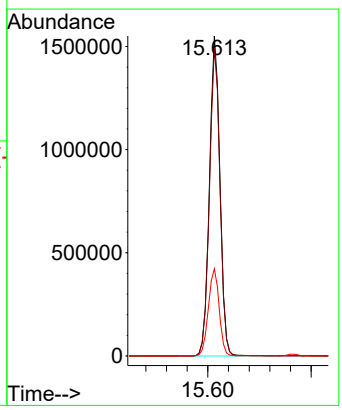


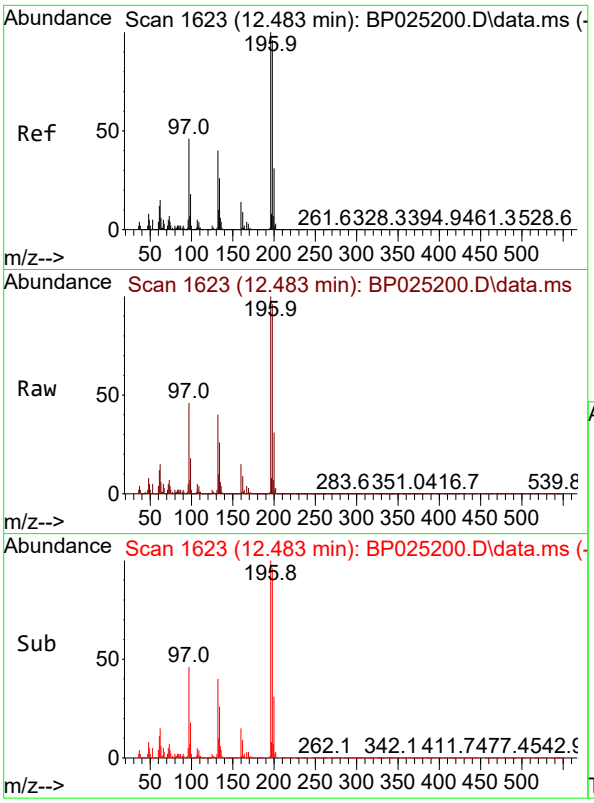




#42
2,4,6-Tribromophenol
Concen: 77.351 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:330 Resp: 2184856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.1 | 115.7 |
| 141 | 28.0 | 22.4 | 33.6 |



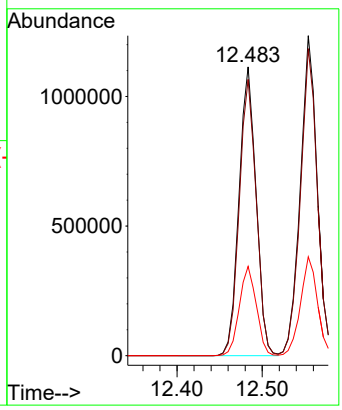


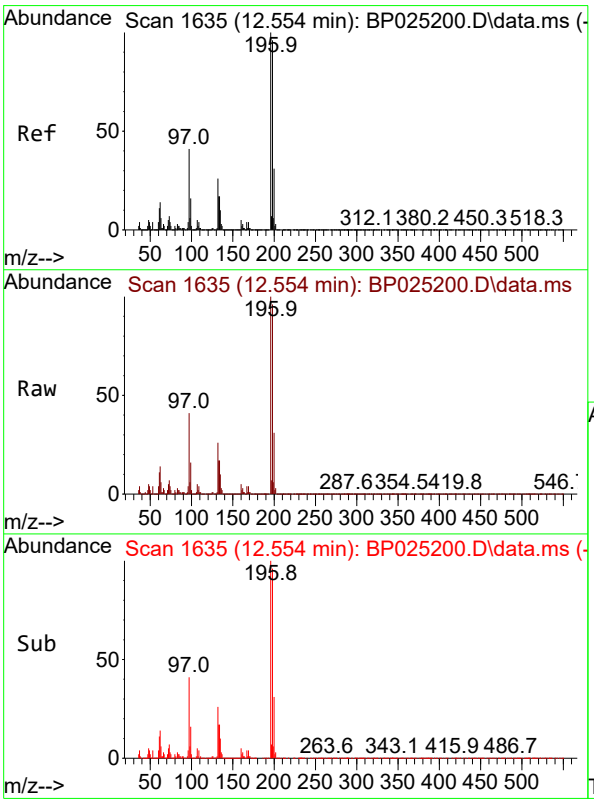

#43
2,4,6-Trichlorophenol
Concen: 39.840 ng
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:196 Resp: 1548524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 76.6 | 114.8 |
| 200 | 30.9 | 24.7 | 37.1 |

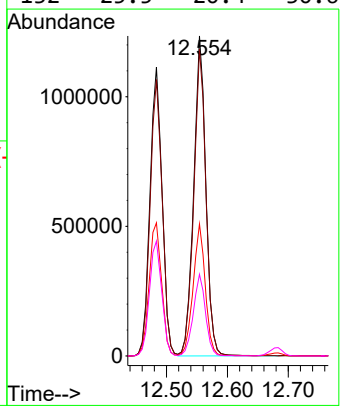


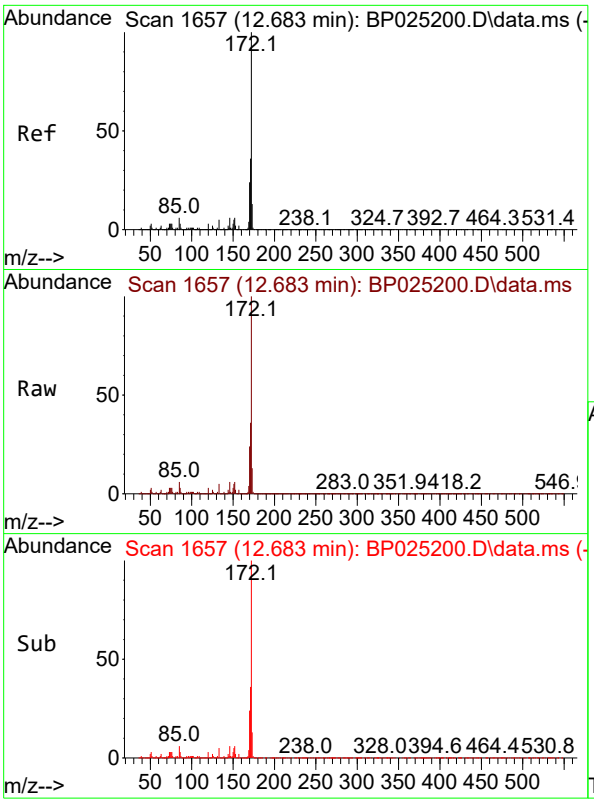




#44
2,4,5-Trichlorophenol
Concen: 39.918 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:196 Resp: 1710200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.7 | 115.1 |
| 97 | 41.2 | 33.0 | 49.4 |
| 132 | 25.5 | 20.4 | 30.6 |



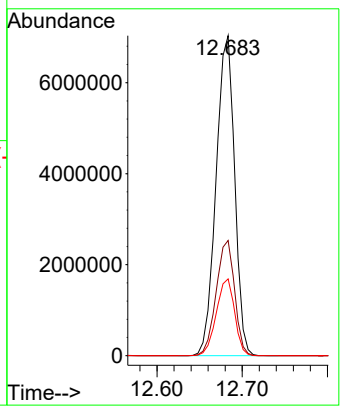


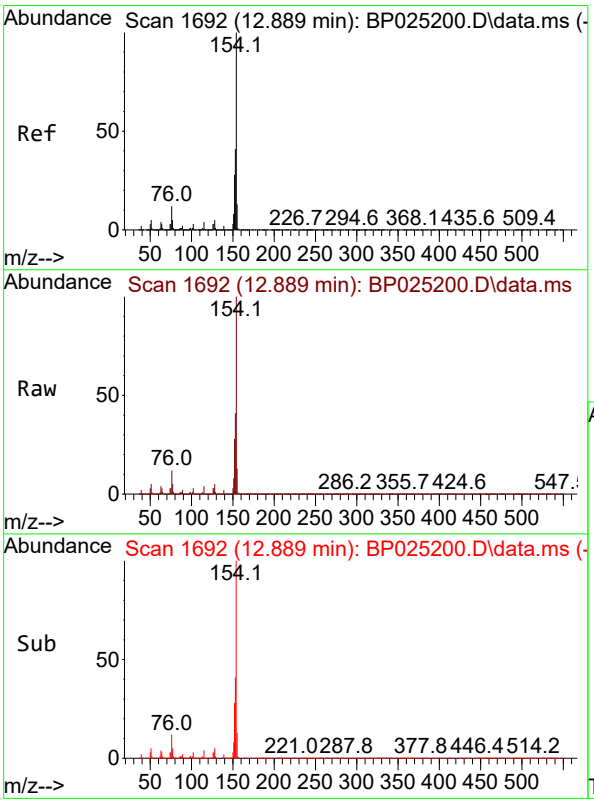

#45
2-Fluorobiphenyl
Concen: 74.204 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:172 Resp:10646823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.8 | 43.2 |
| 170 | 24.0 | 19.2 | 28.8 |

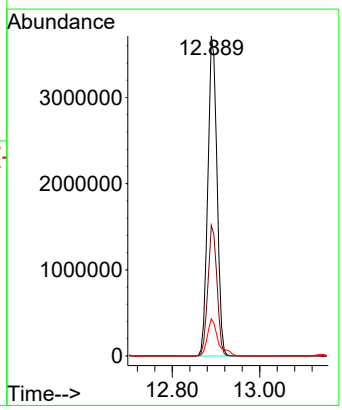


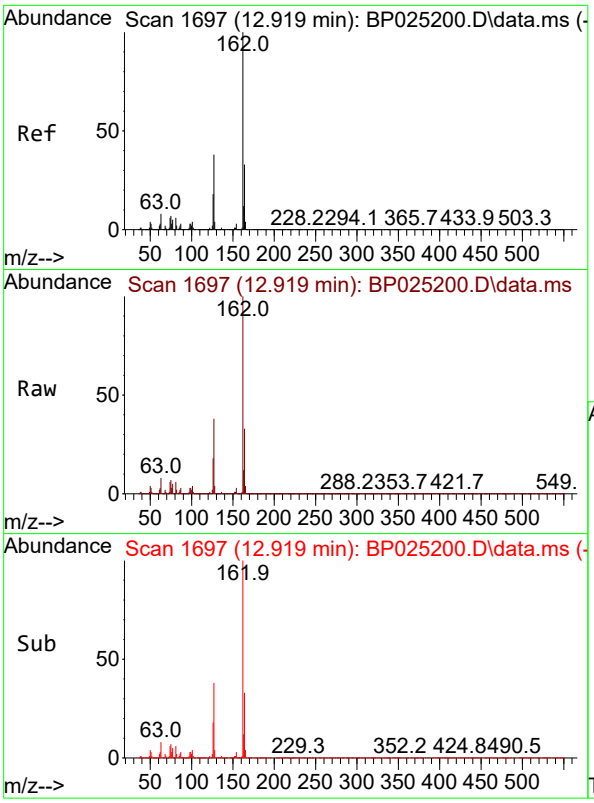




#46
1,1'-Biphenyl
Concen: 38.574 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 5417896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 20.8 | 60.8 |
| 76 | 11.6 | 0.0 | 31.6 |



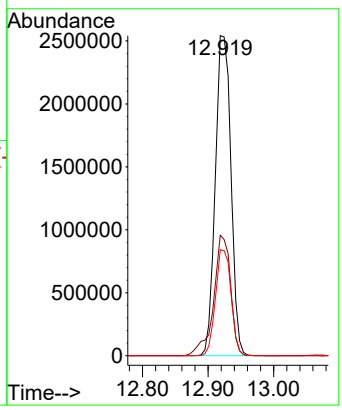


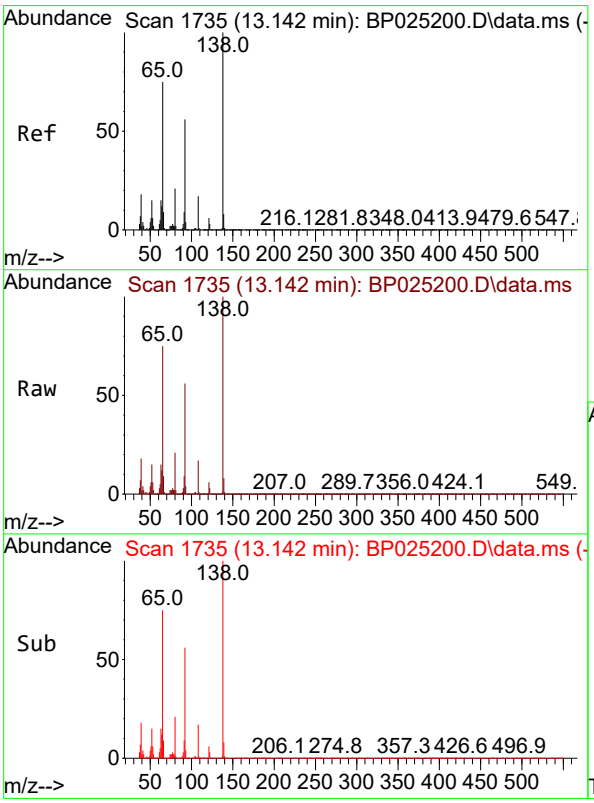

#47
2-Chloronaphthalene
Concen: 38.548 ng
RT: 12.919 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 4194712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 33.1 | 26.5 | 39.7 |

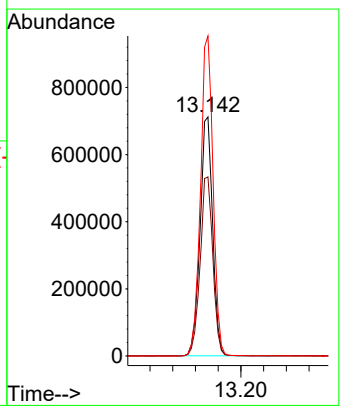


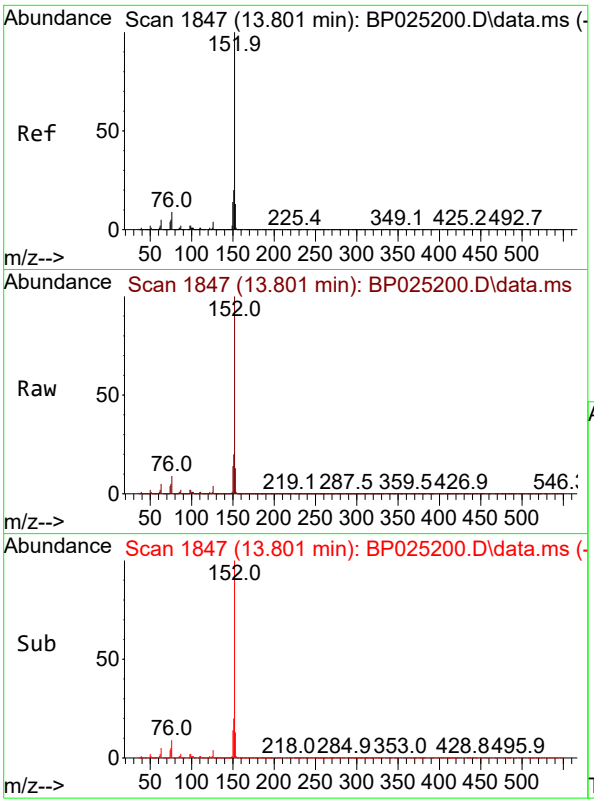




#48
2-Nitroaniline
Concen: 39.999 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion: 65 Resp: 1091815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.9 | 59.9 | 89.9 |
| 138 | 133.9 | 107.1 | 160.7 |



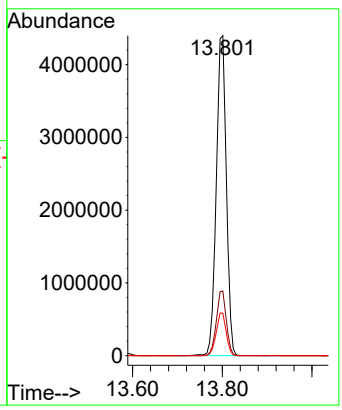


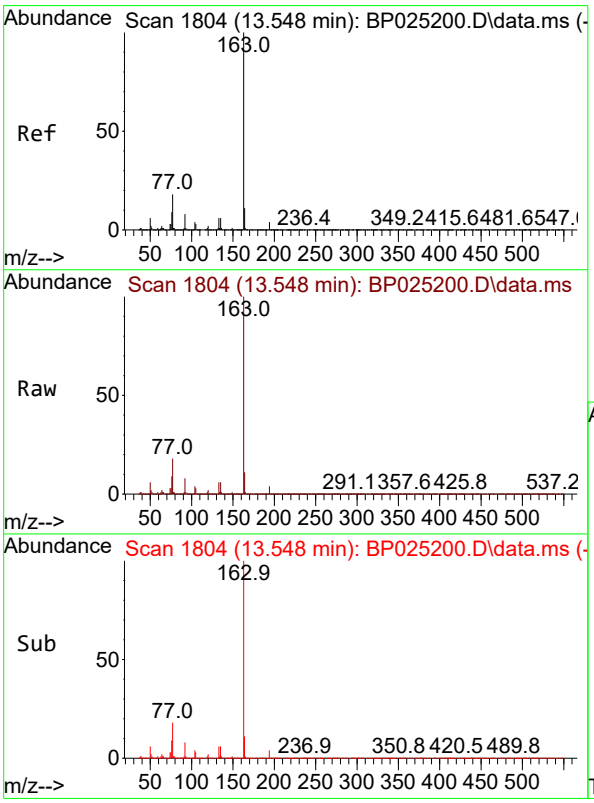

#49
Acenaphthylene
Concen: 38.510 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 6871857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 15.8 |

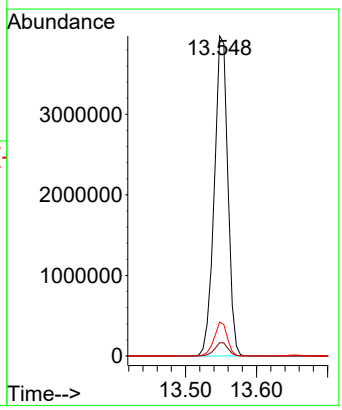


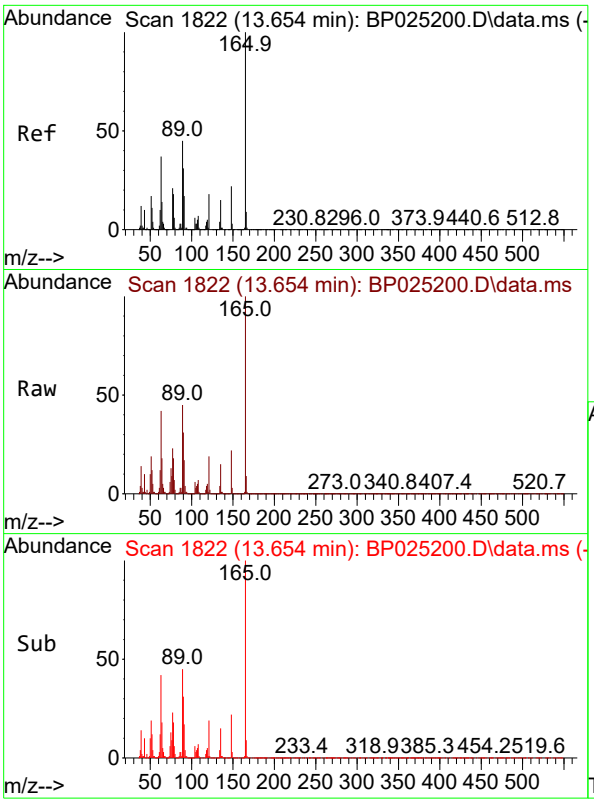




#50
Dimethylphthalate
Concen: 37.775 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:163 Resp: 5235471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.6 | 8.5 | 12.7 |



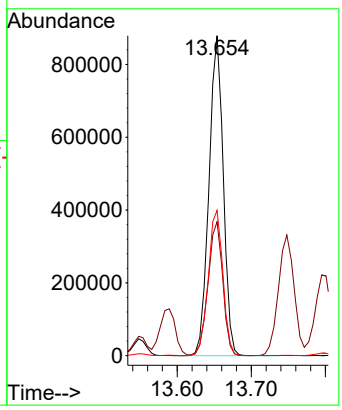


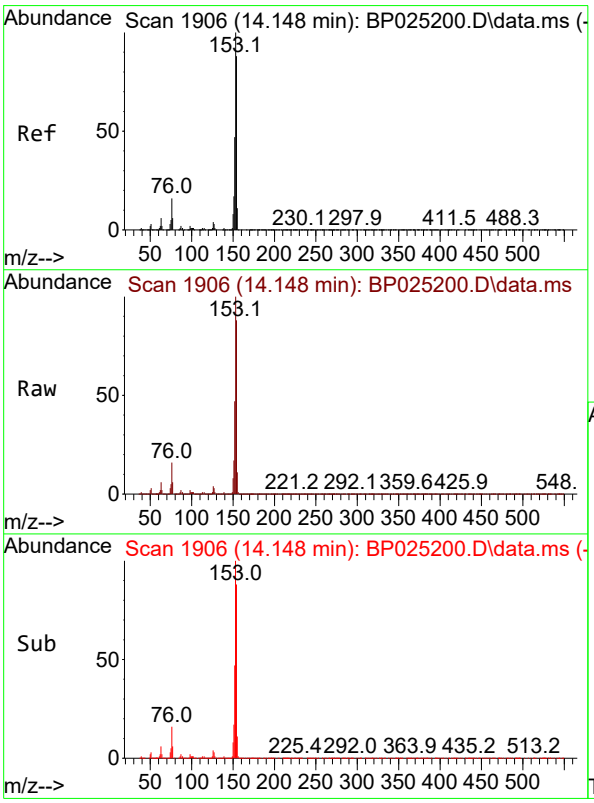

#51
2,6-Dinitrotoluene
Concen: 40.101 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 1176482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.8 | 33.4 | 50.2 |
| 89 | 45.4 | 36.3 | 54.5 |

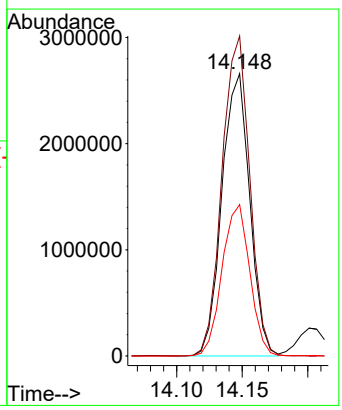


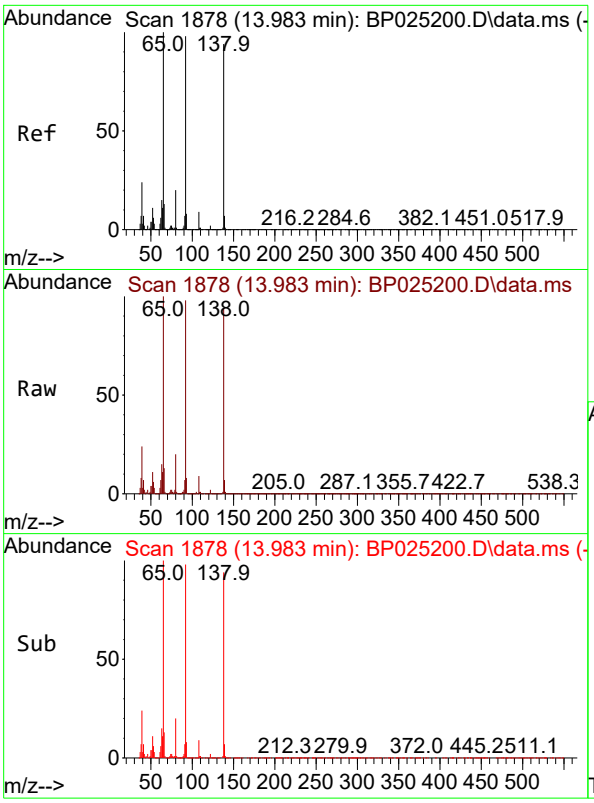




#52
Acenaphthene
Concen: 38.081 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:154 Resp: 3914560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.7 | 136.1 |
| 152 | 53.6 | 42.9 | 64.3 |



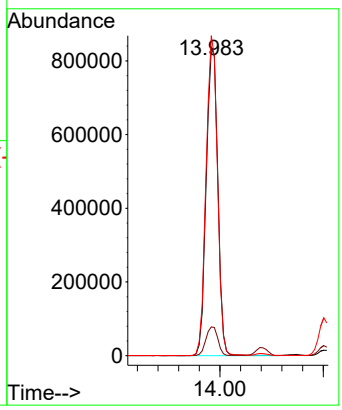


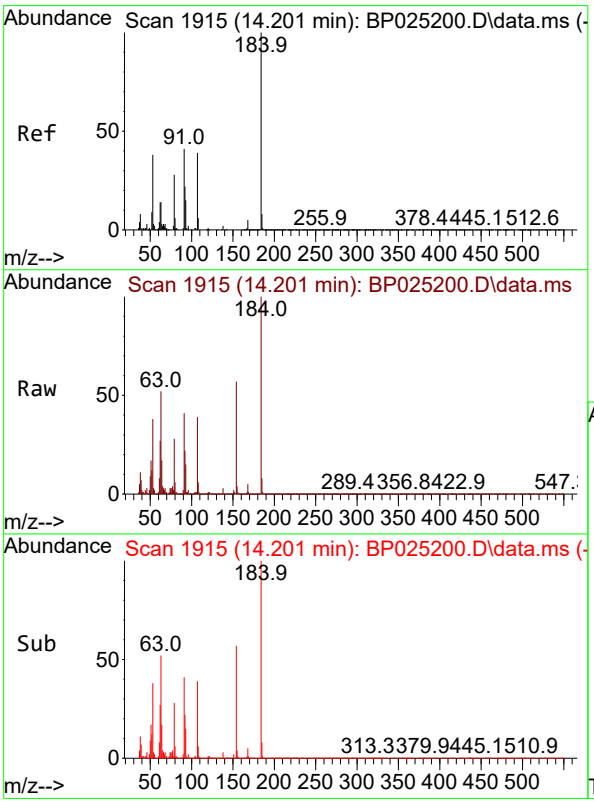

#53
3-Nitroaniline
Concen: 39.219 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:138 Resp: 1298241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.5 | 11.3 |
| 92 | 104.0 | 83.2 | 124.8 |

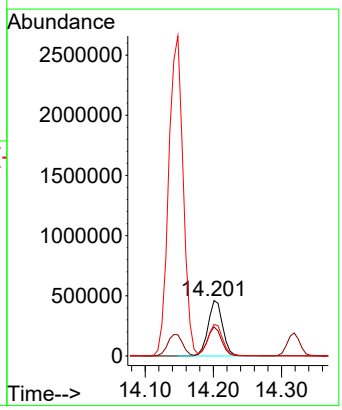


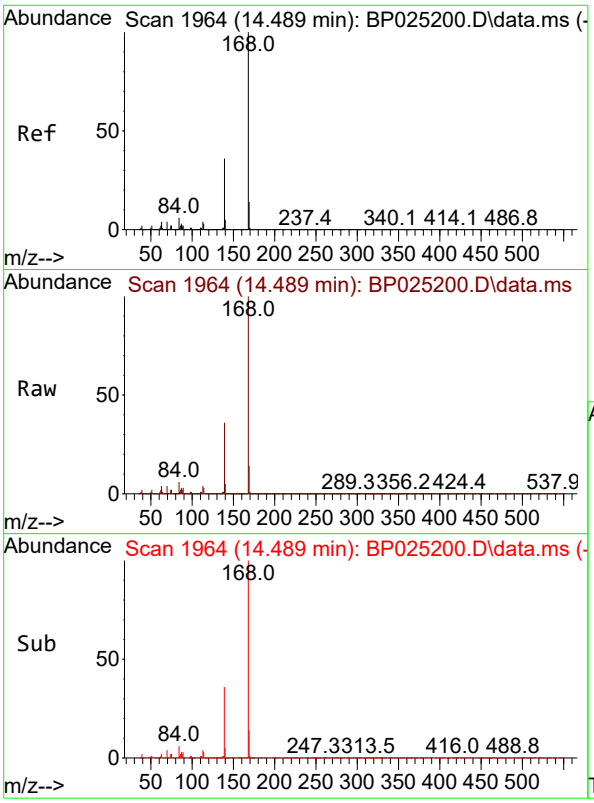




#54
2,4-Dinitrophenol
Concen: 41.732 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:184 Resp: 686084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 52.3 | 41.8 | 62.8 |
| 154 | 57.1 | 45.7 | 68.5 |



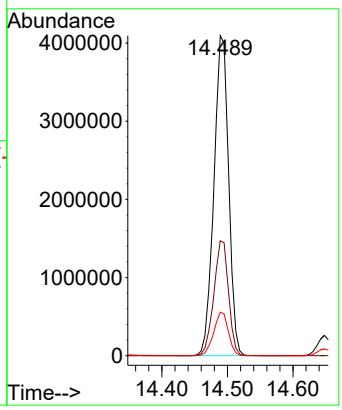


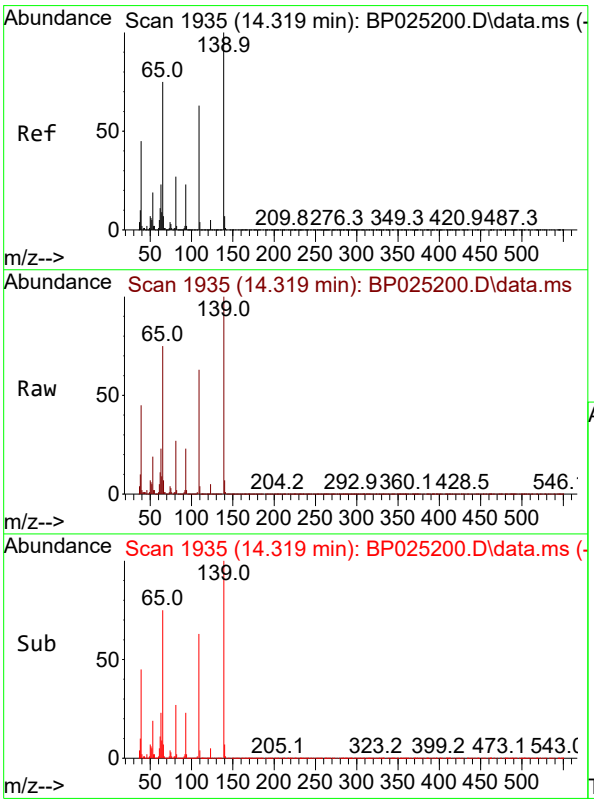

#55
Dibenzofuran
Concen: 38.268 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:168 Resp: 6369097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 28.7 | 43.1 |
| 169 | 13.6 | 10.9 | 16.3 |

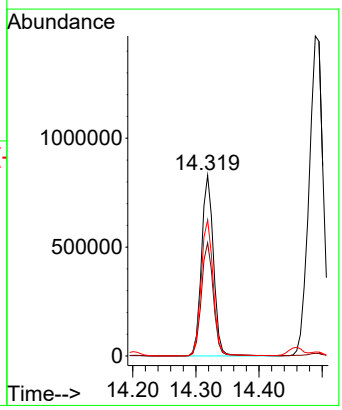


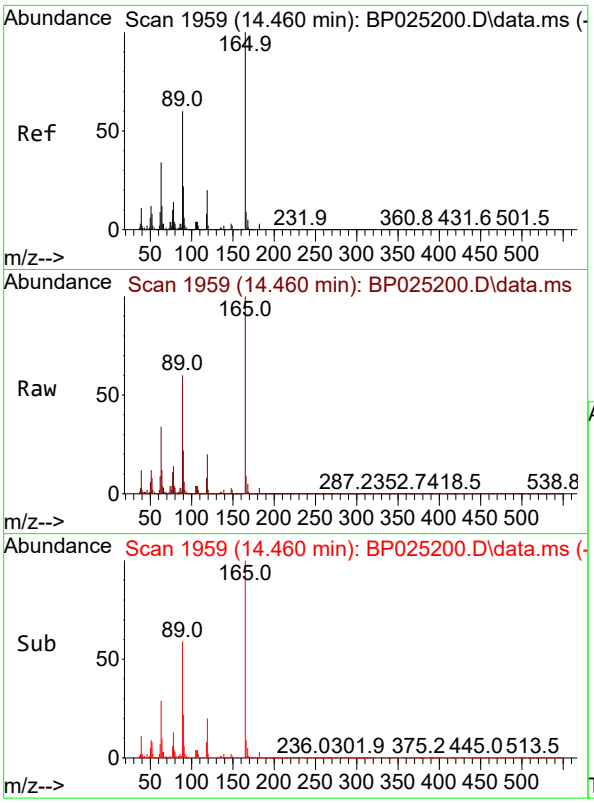




#56
4-Nitrophenol
Concen: 38.906 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:139 Resp: 1097489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.6 | 42.6 | 82.6 |
| 65 | 75.4 | 55.4 | 95.4 |



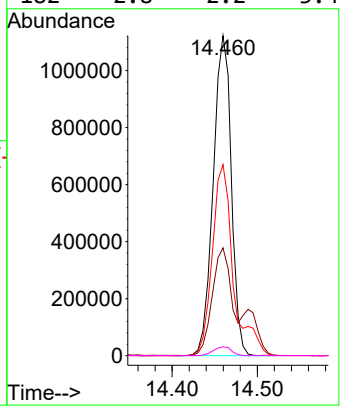


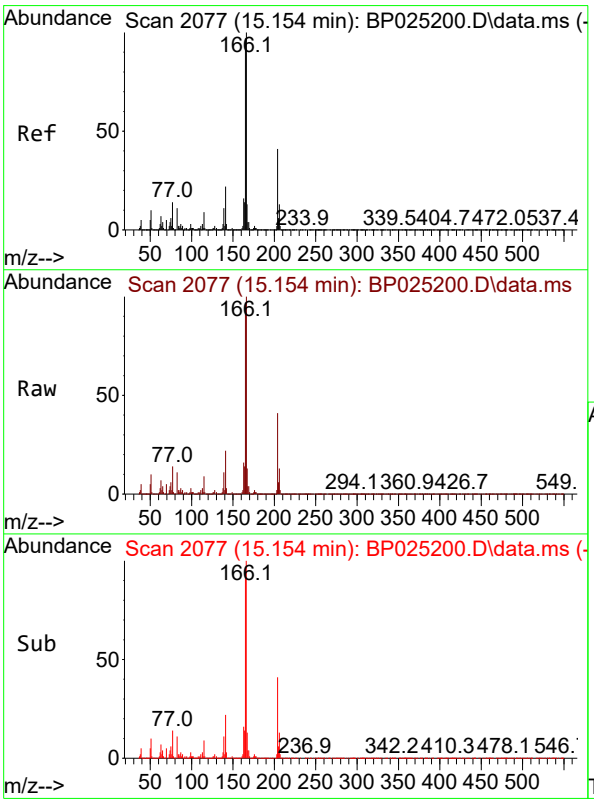

#57
2,4-Dinitrotoluene
Concen: 40.384 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 1650569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.7 | 27.0 | 40.4 |
| 89 | 59.7 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

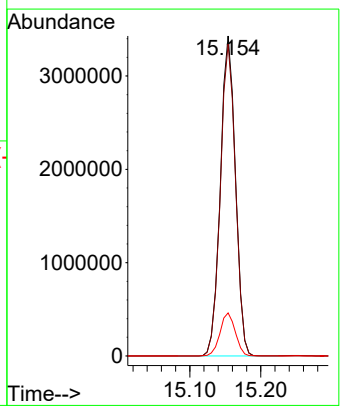


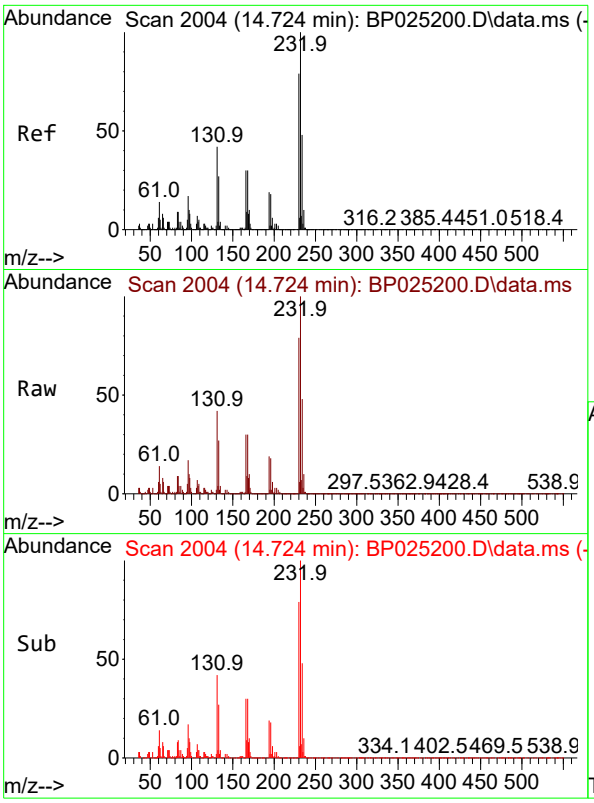




#58
Fluorene
Concen: 37.965 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:166 Resp: 5039793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.5 | 78.0 | 117.0 |
| 167 | 13.4 | 10.7 | 16.1 |



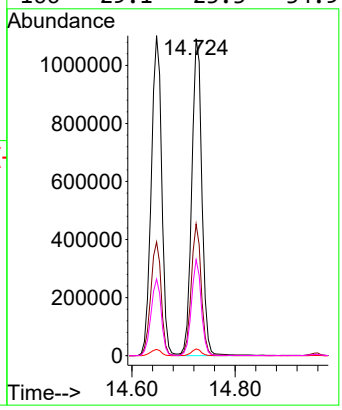


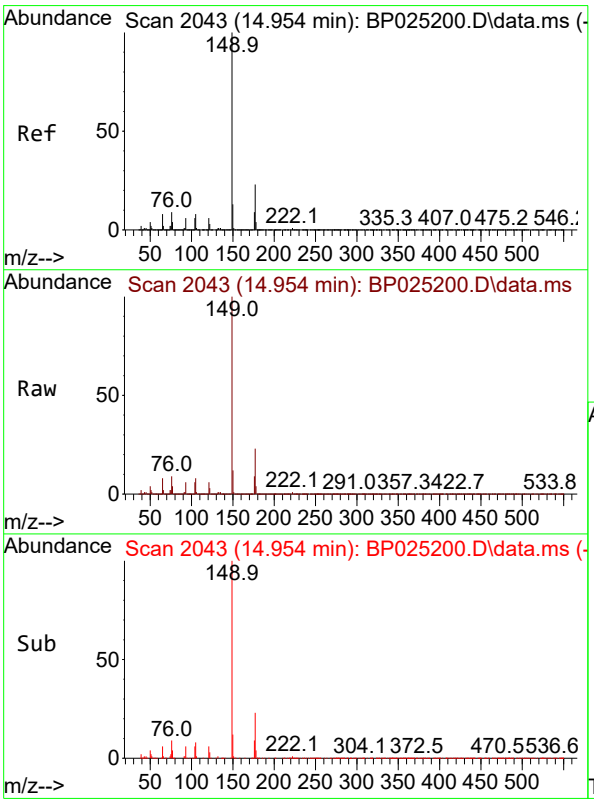

#59
2,3,4,6-Tetrachlorophenol
Concen: 39.155 ng
RT: 14.724 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:232 Resp: 1484995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.7 | 32.6 | 48.8 |
| 130 | 2.0 | 1.6 | 2.4 |
| 166 | 29.1 | 23.3 | 34.9 |

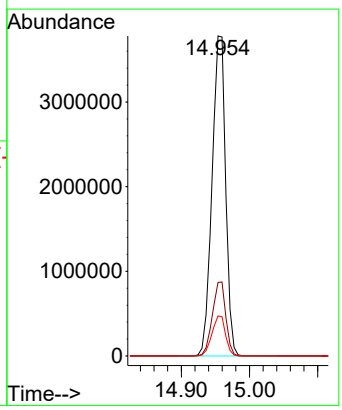


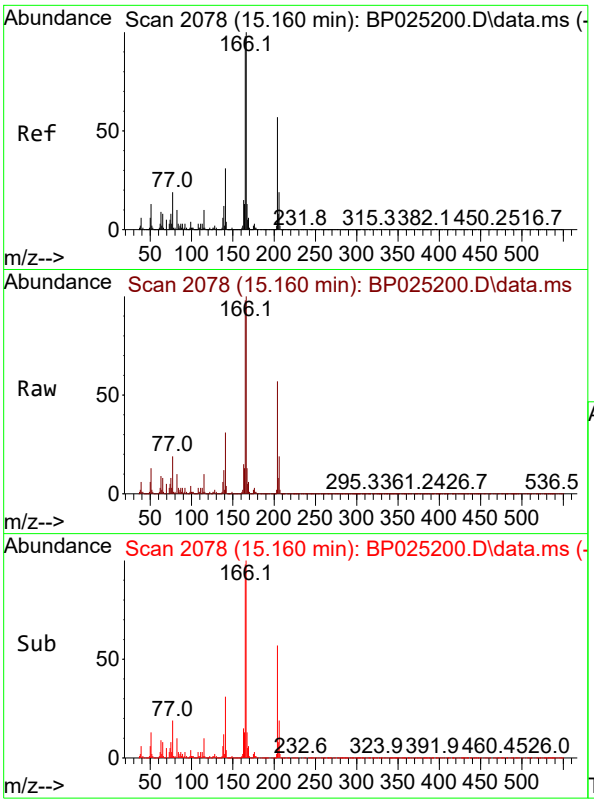




#60
Diethylphthalate
Concen: 38.266 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5240206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.0 | 18.4 | 27.6 |
| 150 | 12.5 | 10.0 | 15.0 |



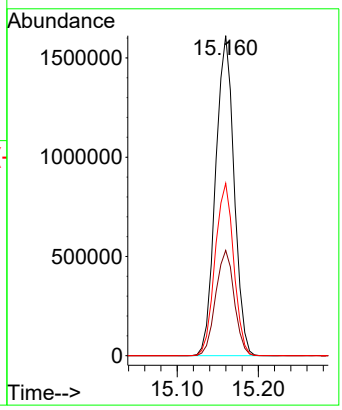


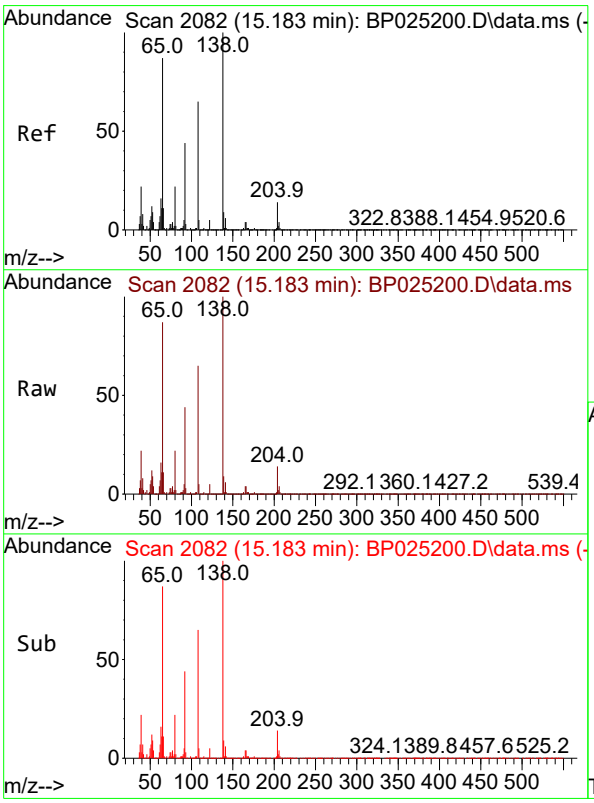

#61
4-Chlorophenyl-phenylether
Concen: 38.212 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:204 Resp: 2556797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.3 | 39.5 |
| 141 | 53.8 | 43.0 | 64.6 |

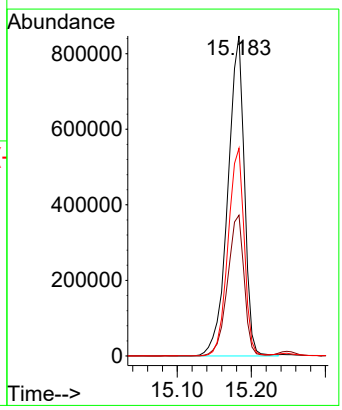


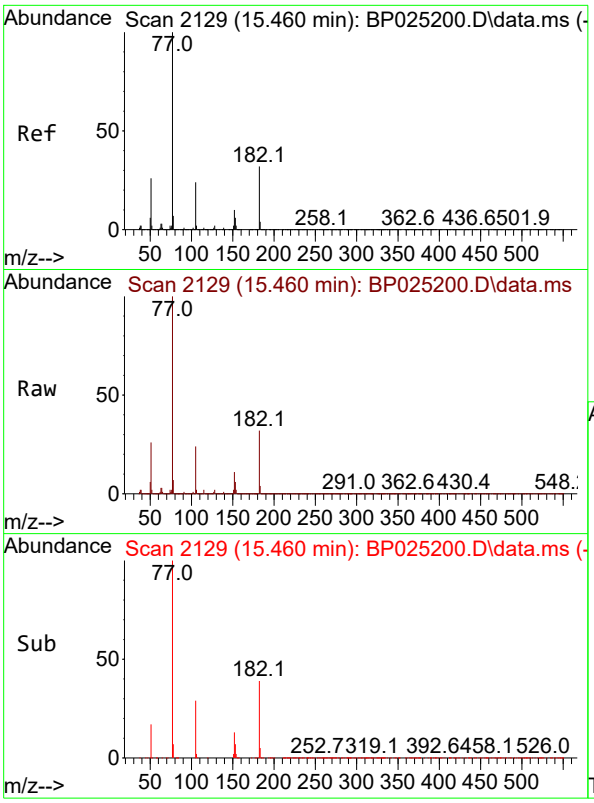




#62
4-Nitroaniline
Concen: 39.018 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:138 Resp: 1316167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.0 | 24.0 | 64.0 |
| 108 | 64.9 | 44.9 | 84.9 |



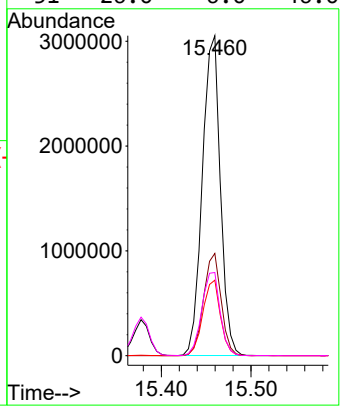


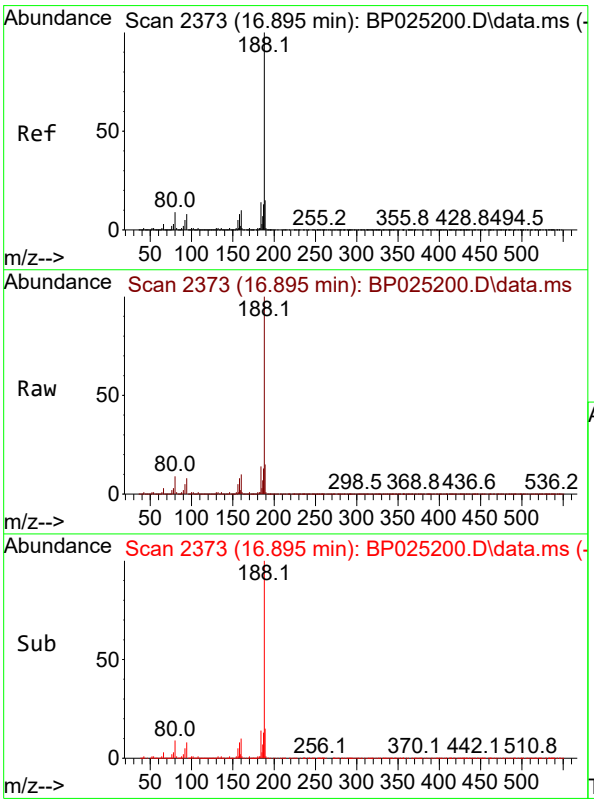

#63
Azobenzene
Concen: 38.711 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 4258175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.0 | 12.0 | 52.0 |
| 105 | 23.6 | 3.6 | 43.6 |
| 51 | 26.0 | 6.0 | 46.0 |

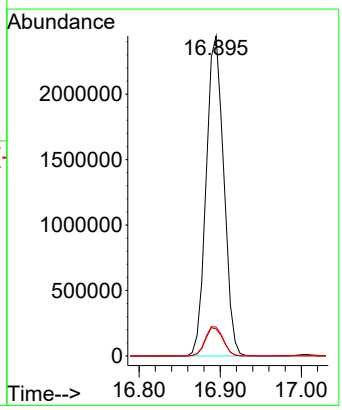


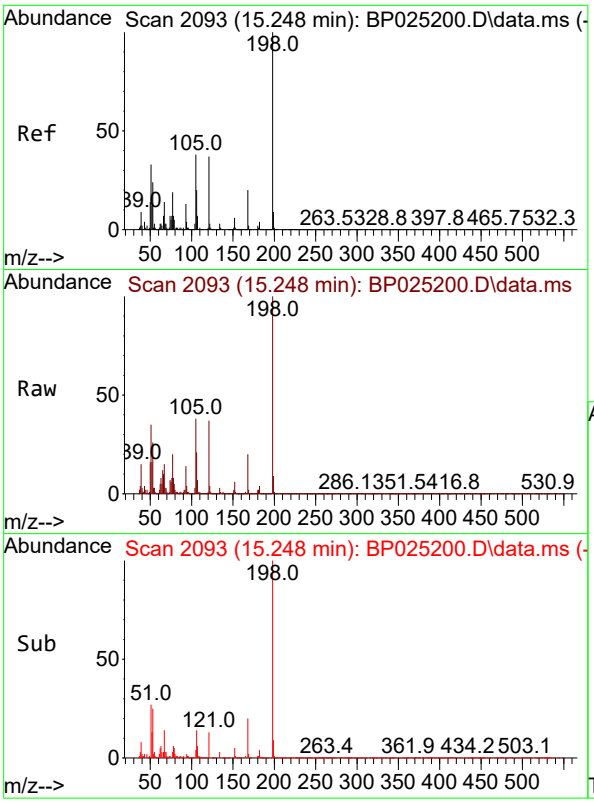




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:188 Resp: 3663221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.8 | 10.2 |
| 80 | 9.1 | 7.3 | 10.9 |



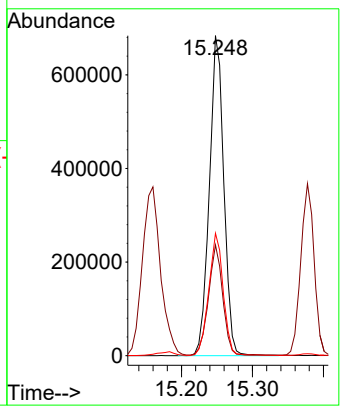


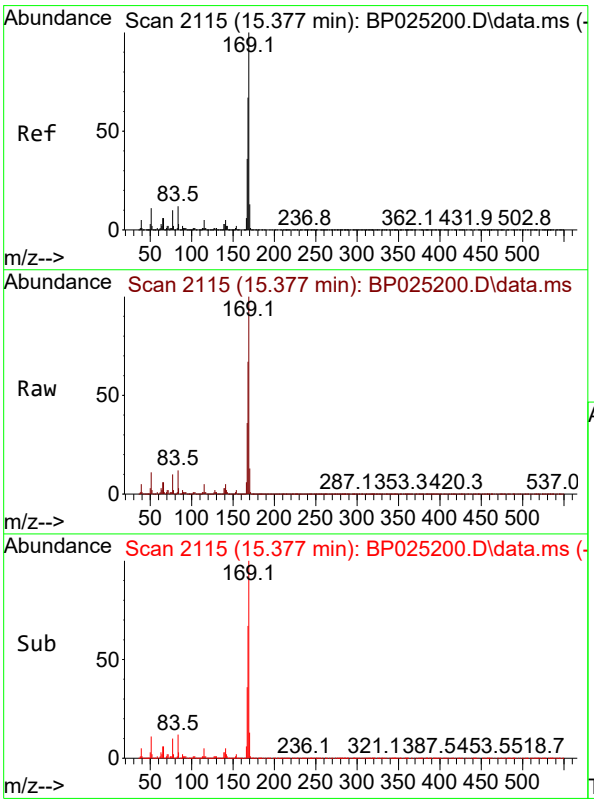

#65
4,6-Dinitro-2-methylphenol
Concen: 42.156 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:198 Resp: 966776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.6 | 14.6 | 54.6 |
| 105 | 38.3 | 18.3 | 58.3 |

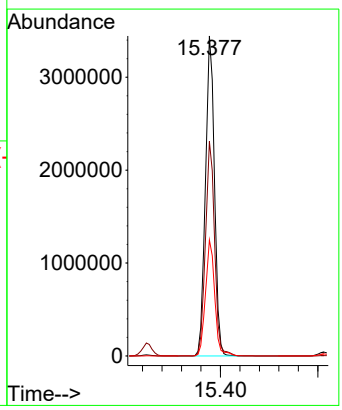


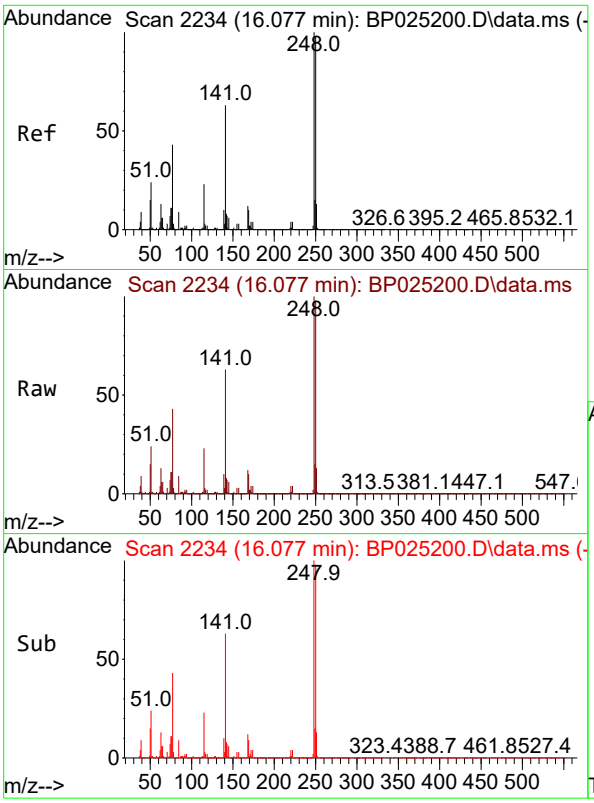




#66
n-Nitrosodiphenylamine
Concen: 38.582 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:169 Resp: 4401660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |



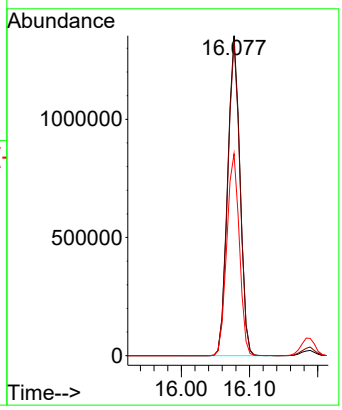


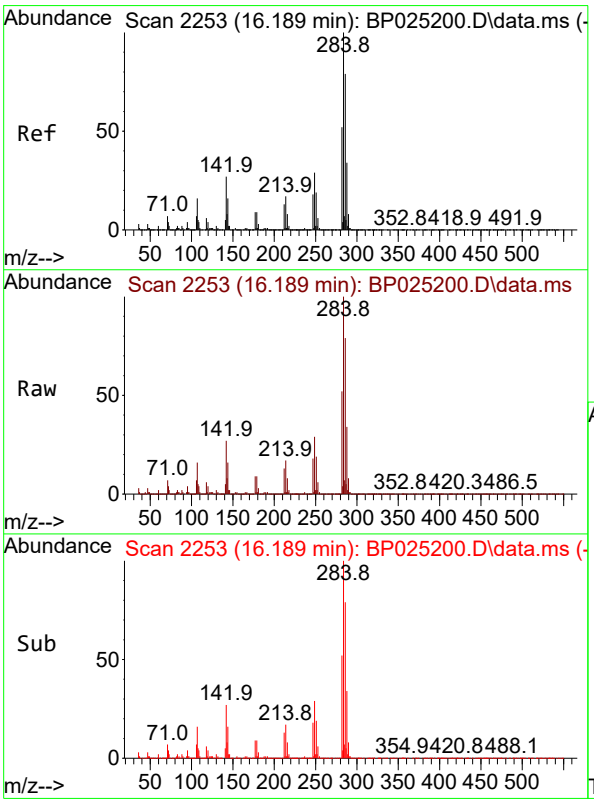

#67
4-Bromophenyl-phenylether
Concen: 39.475 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:248 Resp: 1704976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.1 | 78.5 | 117.7 |
| 141 | 63.1 | 50.5 | 75.7 |

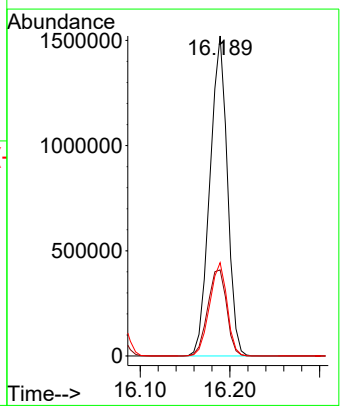


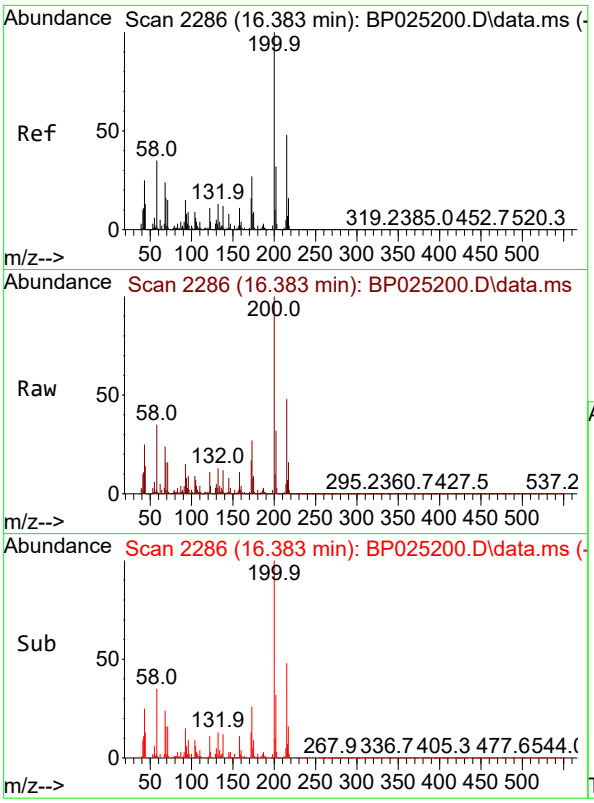




#68
Hexachlorobenzene
Concen: 39.808 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:284 Resp: 2053102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 26.9 | 21.5 | 32.3 |
| 249 | 29.2 | 23.4 | 35.0 |



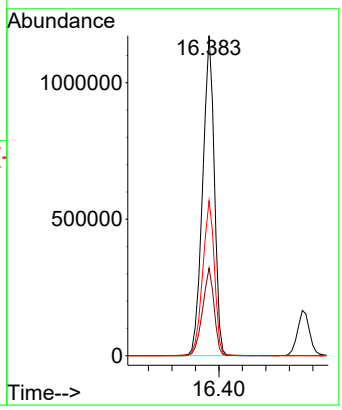


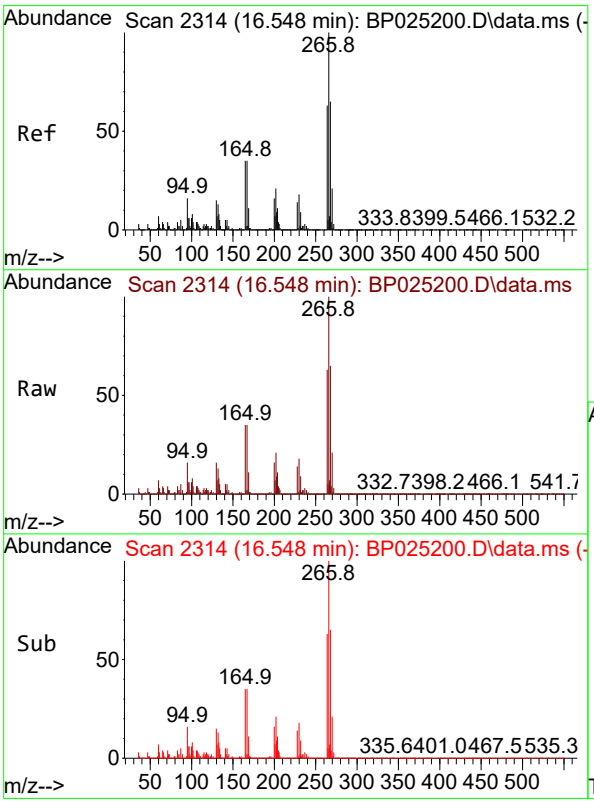

#69
Atrazine
Concen: 38.894 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:200 Resp: 1617356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.4 | 7.4 | 47.4 |
| 215 | 48.5 | 28.5 | 68.5 |

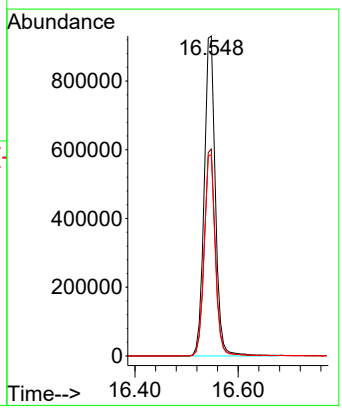


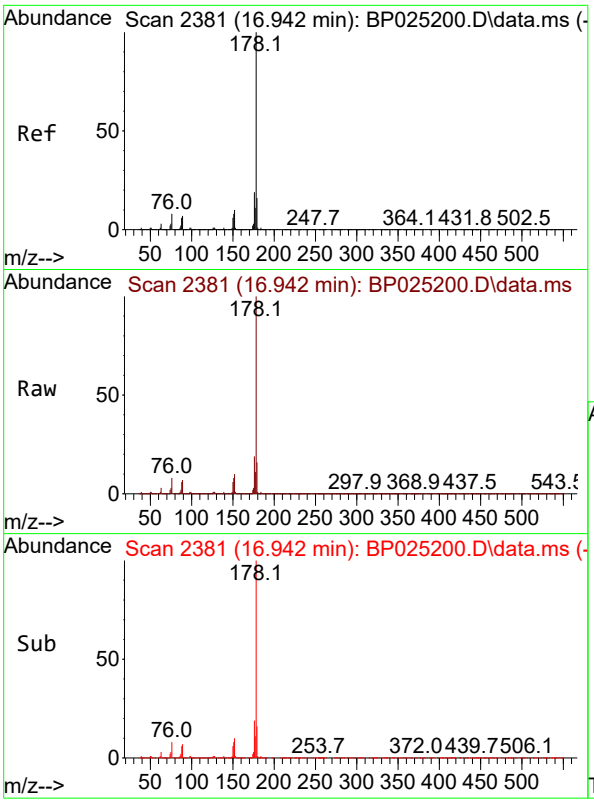




#70
Pentachlorophenol
Concen: 40.516 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:266 Resp: 1390894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.7 | 51.8 | 77.6 |
| 264 | 62.9 | 50.3 | 75.5 |



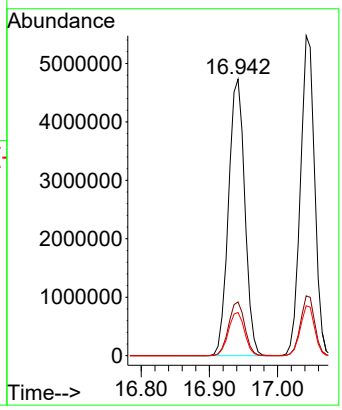


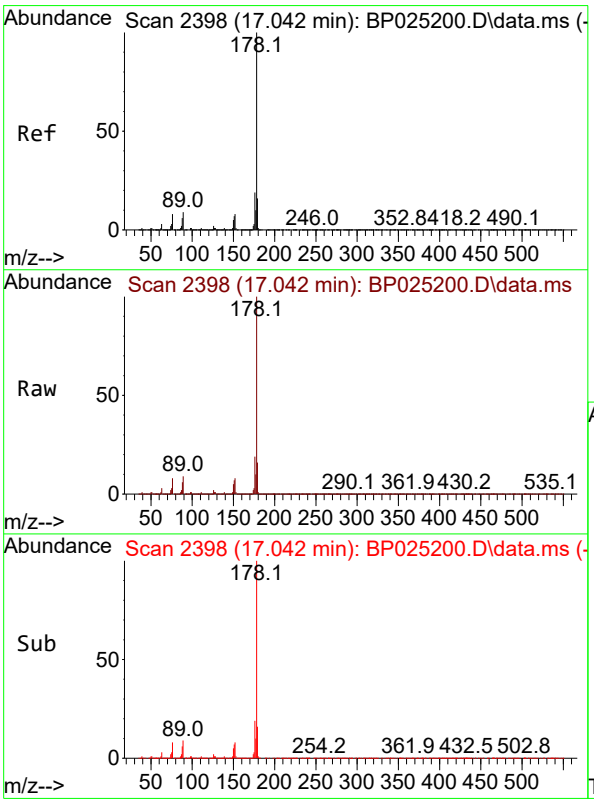

#71
Phenanthrene
Concen: 38.421 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:178 Resp: 7842294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.6 | 23.4 |
| 179 | 15.6 | 12.5 | 18.7 |

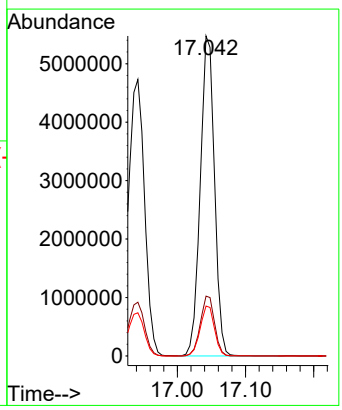


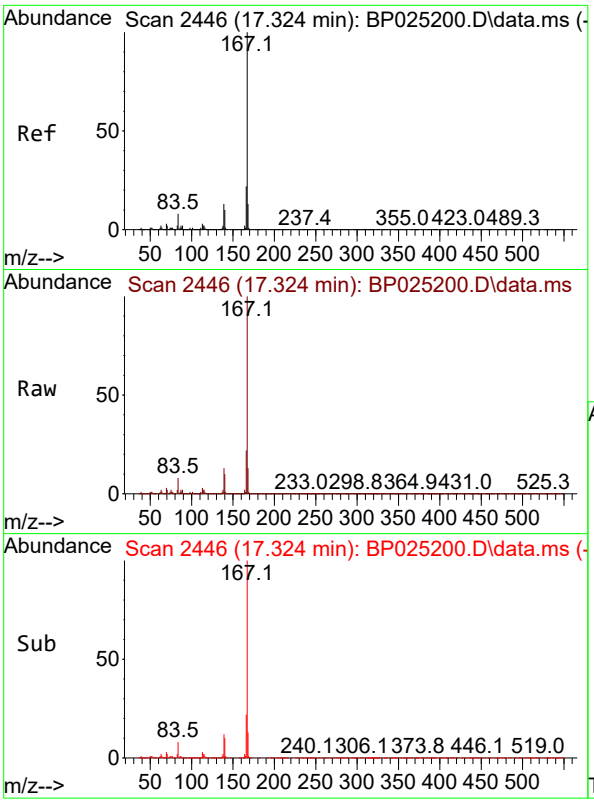




#72
Anthracene
Concen: 38.301 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:178 Resp: 7936213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.6 | 12.5 | 18.7 |



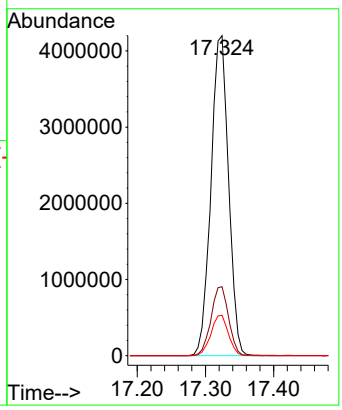


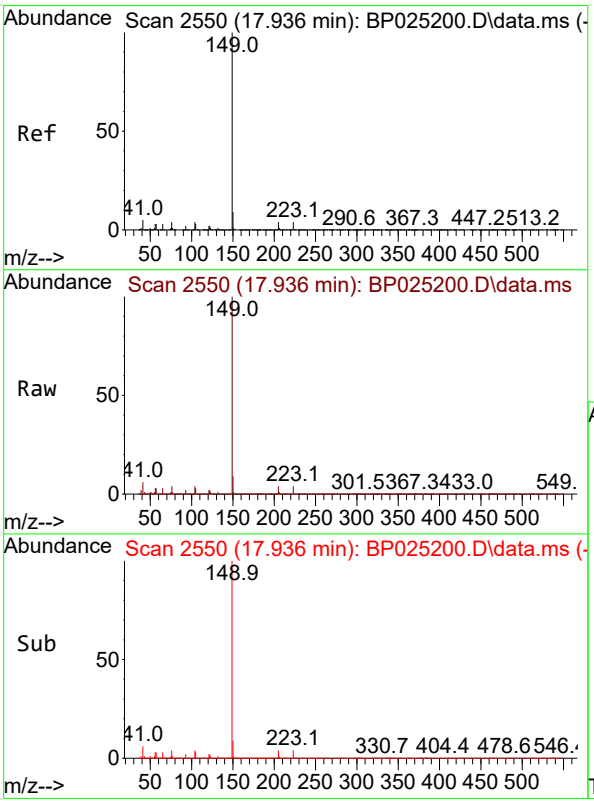

#73
Carbazole
Concen: 38.250 ng
RT: 17.324 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:167 Resp: 7541201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.3 | 25.9 |
| 139 | 12.6 | 10.1 | 15.1 |

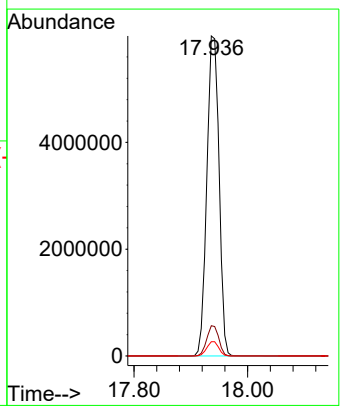


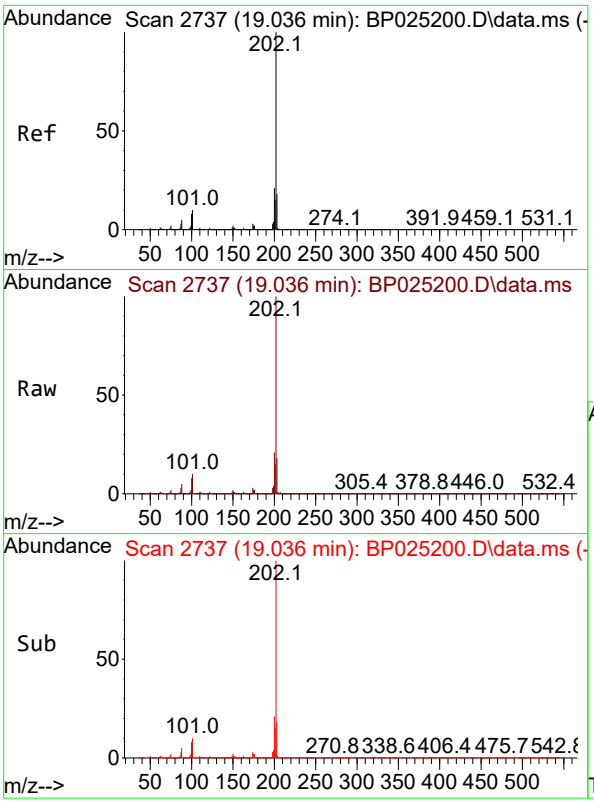




#74
Di-n-butylphthalate
Concen: 38.374 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 8871376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.6 | 11.4 |
| 104 | 4.4 | 3.5 | 5.3 |



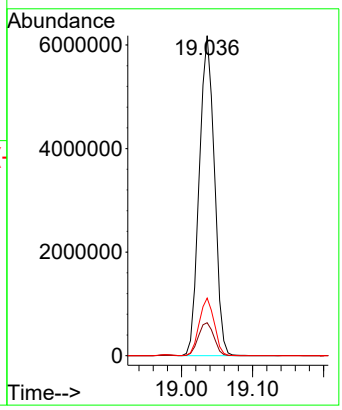


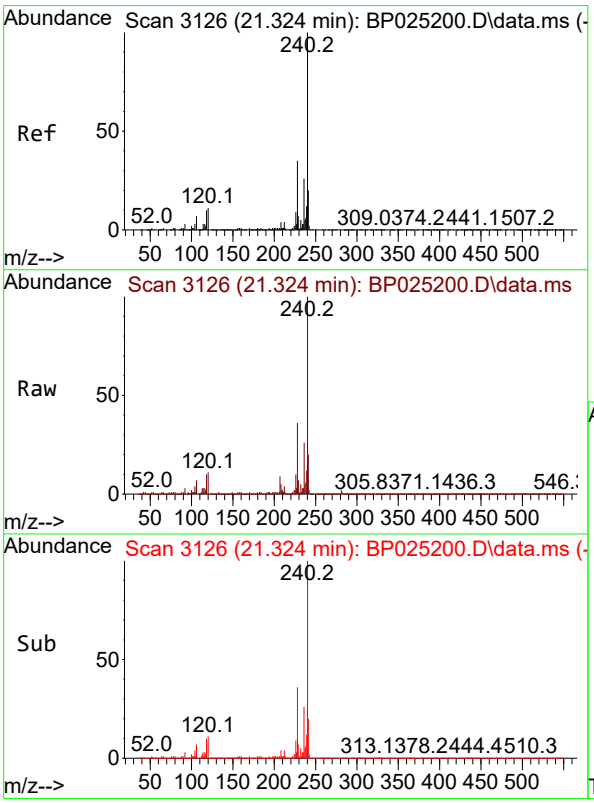

#75
Fluoranthene
Concen: 38.012 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:202 Resp: 9173742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.3 | 0.0 | 30.3 |
| 203 | 18.0 | 0.0 | 38.0 |

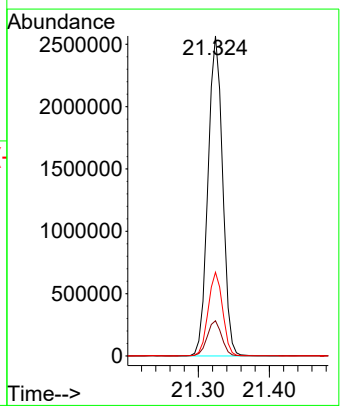


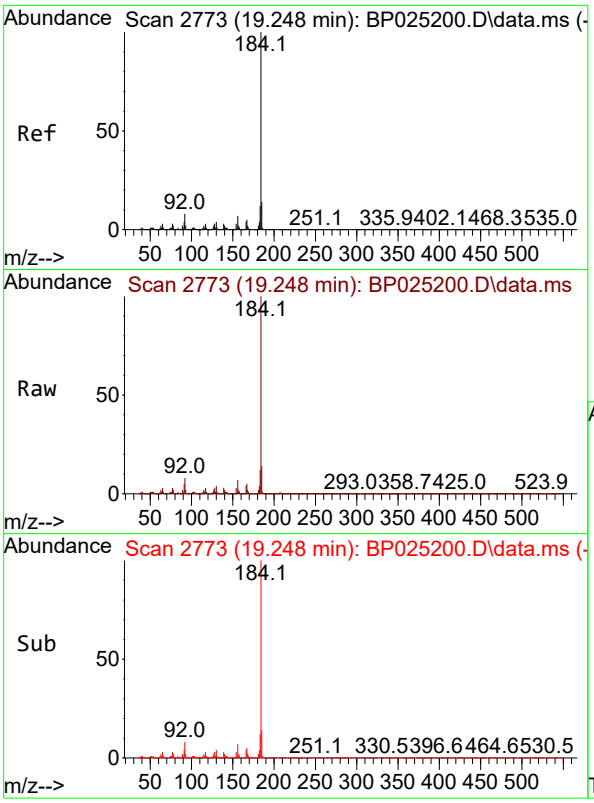




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:240 Resp: 3679412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 8.8 | 13.2 |
| 236 | 26.1 | 20.9 | 31.3 |



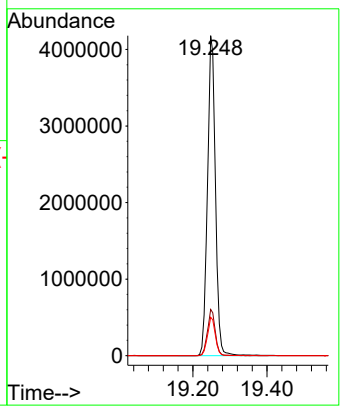


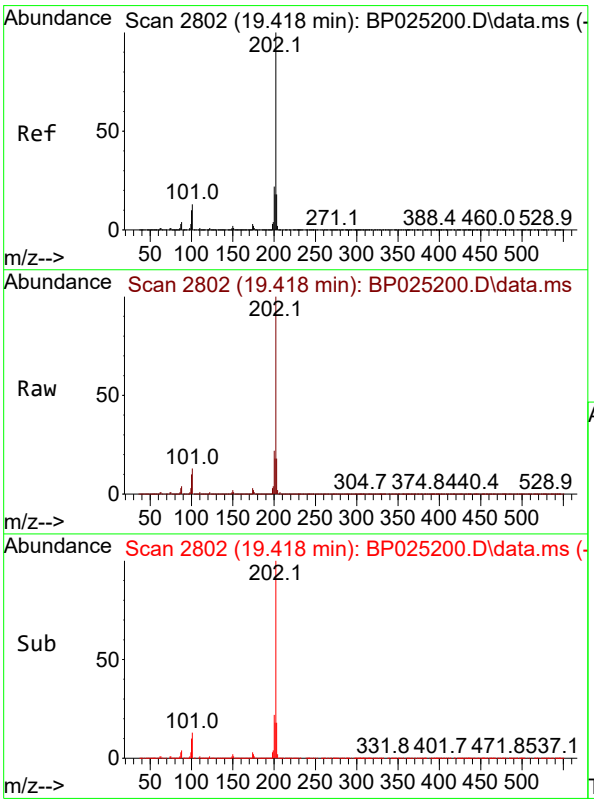

#77
Benzidine
Concen: 44.306 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:184 Resp: 6227248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.5 | 17.3 |
| 183 | 12.0 | 9.6 | 14.4 |

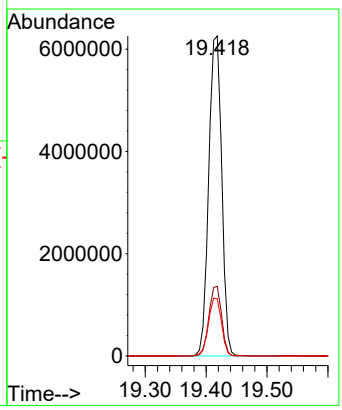


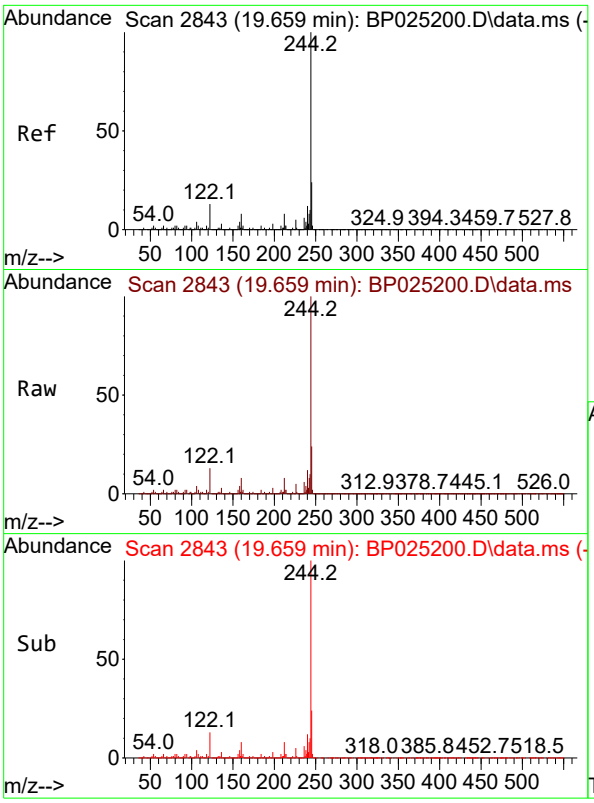




#78
Pyrene
Concen: 39.587 ng
RT: 19.418 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:202 Resp: 9256689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |



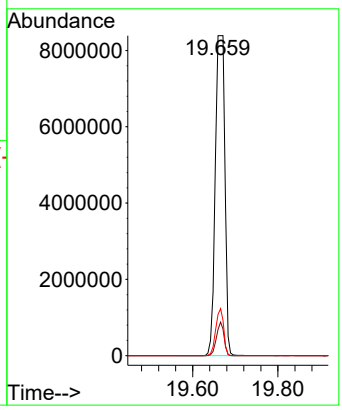


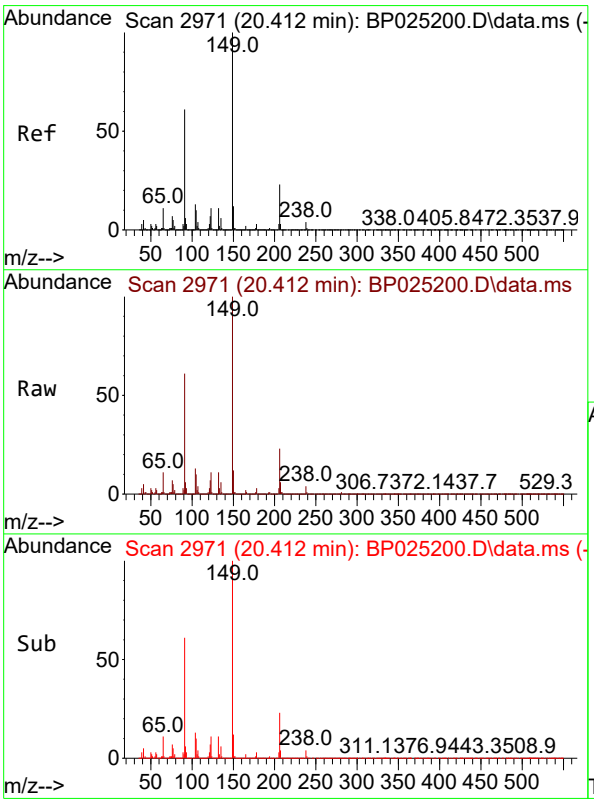

#79
Terphenyl-d14
Concen: 66.511 ng
RT: 19.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:244 Resp:13104058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.6 | 9.8 |
| 122 | 12.9 | 10.3 | 15.5 |

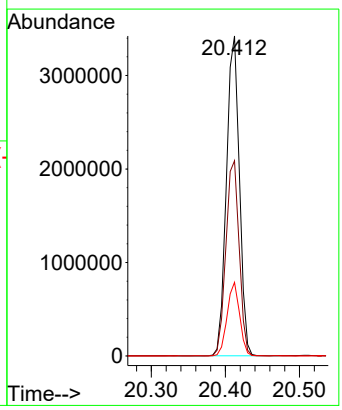


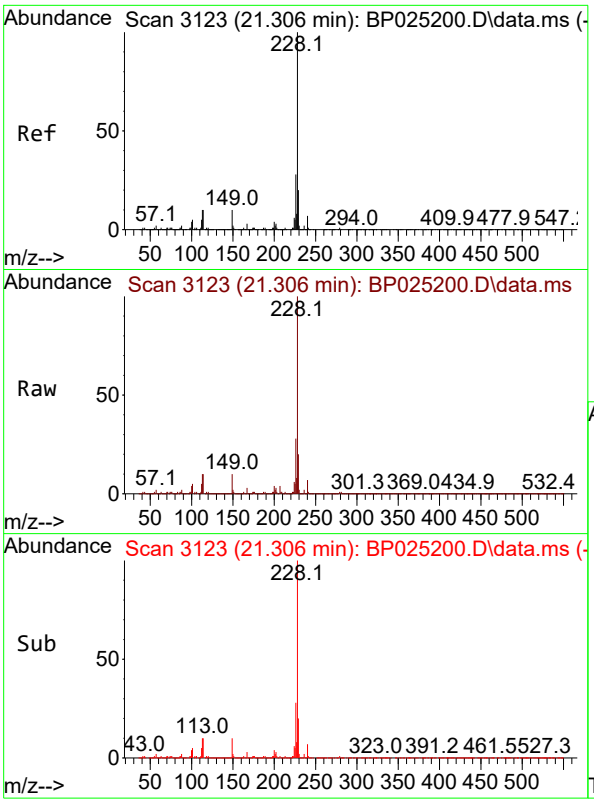




#80
Butylbenzylphthalate
Concen: 40.211 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 4149304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.0 | 48.8 | 73.2 |
| 206 | 23.0 | 18.4 | 27.6 |



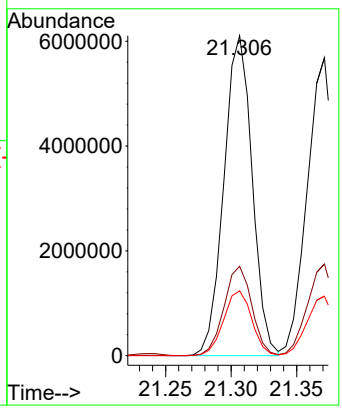


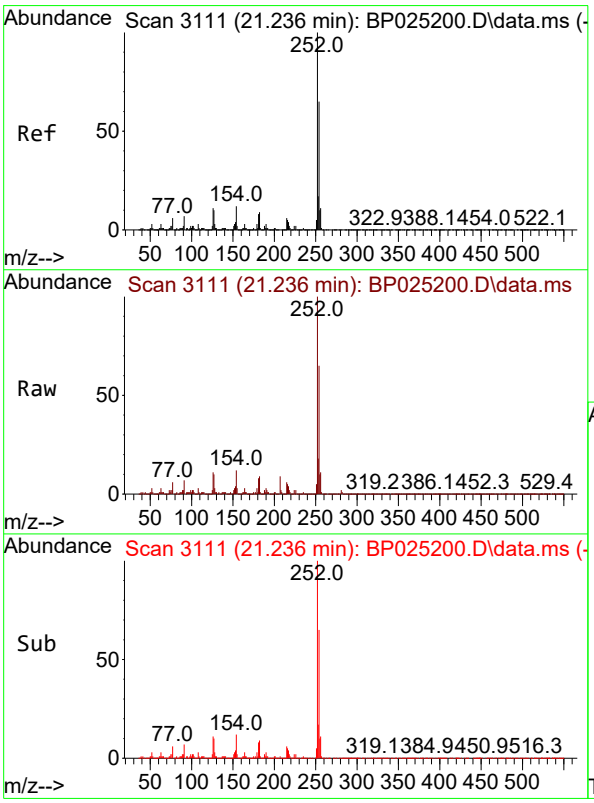

#81
Benzo(a)anthracene
Concen: 38.246 ng
RT: 21.306 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 9153419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |

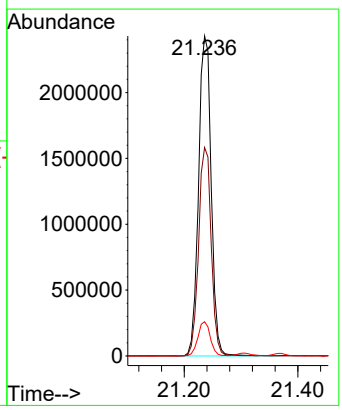


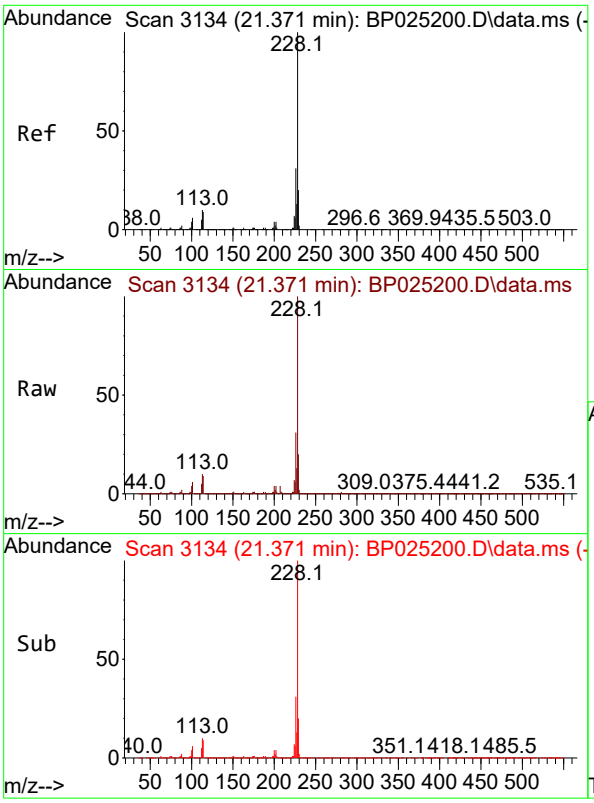




#82
3,3'-Dichlorobenzidine
Concen: 38.181 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 3746897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.1 | 78.1 |
| 126 | 10.7 | 8.6 | 12.8 |



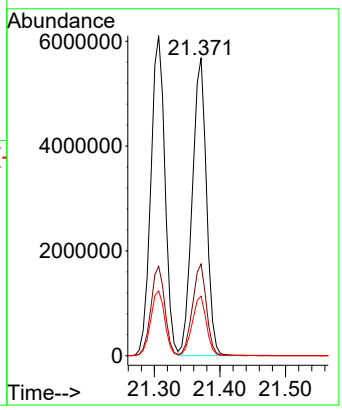


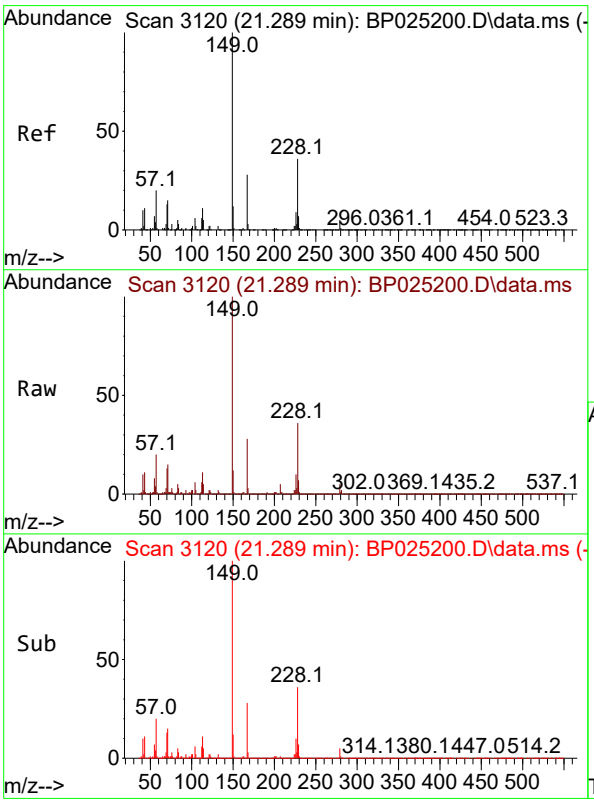

#83
Chrysene
Concen: 38.208 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 8527648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 20.0 | 16.0 | 24.0 |

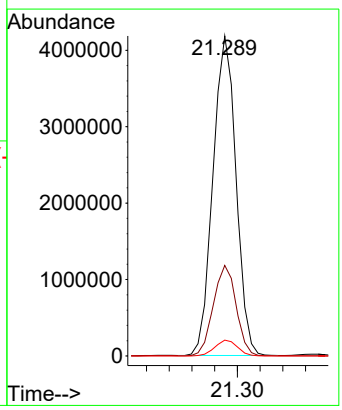


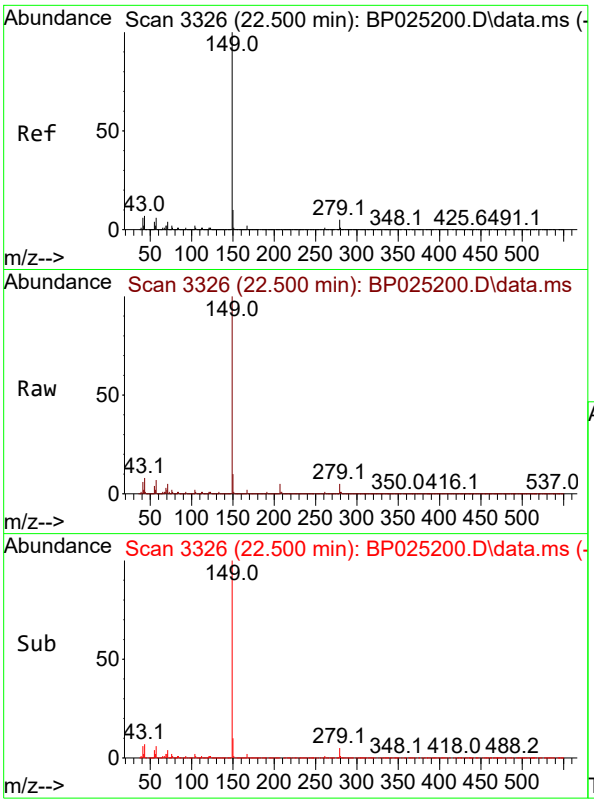




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.227 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:149 Resp: 5901118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.6 | 34.0 |
| 279 | 5.0 | 4.0 | 6.0 |



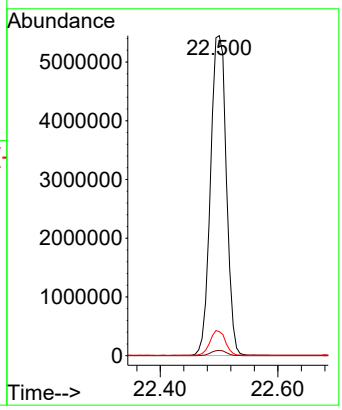


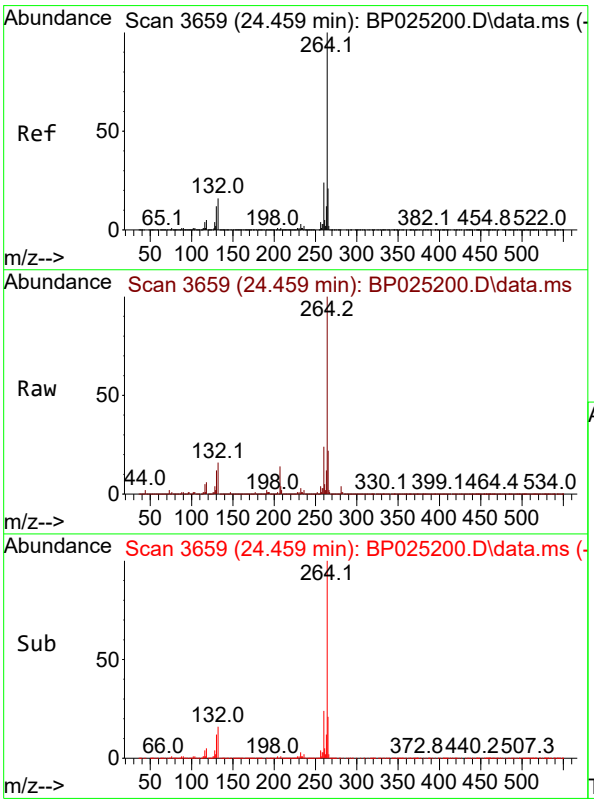

#85
Di-n-octyl phthalate
Concen: 38.831 ng
RT: 22.500 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:149 Resp:10181858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.6 | 6.1 | 9.1 |

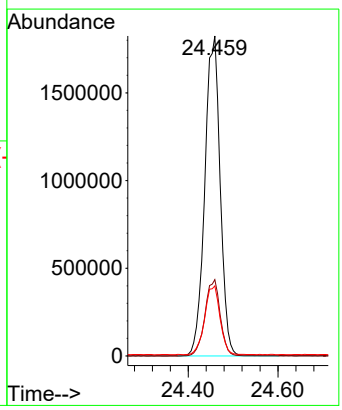


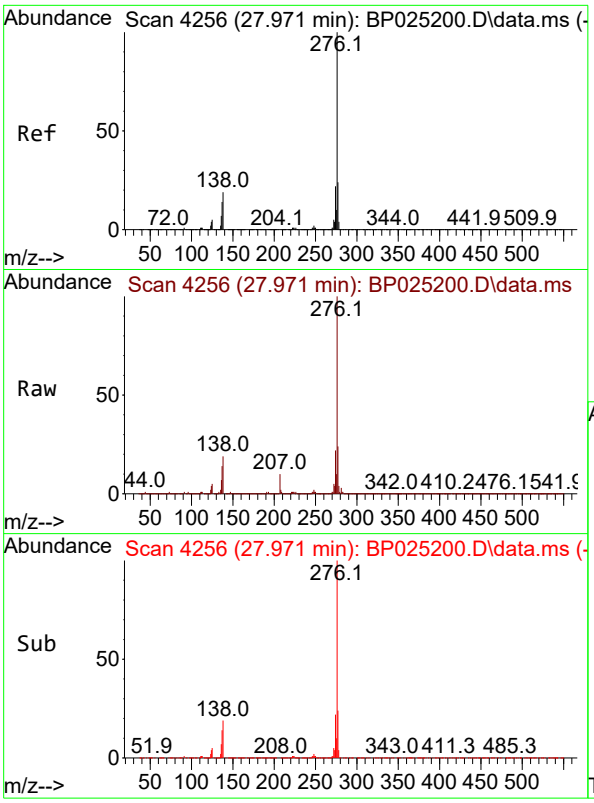




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:264 Resp: 4344624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.6 |
| 265 | 21.9 | 17.5 | 26.3 |



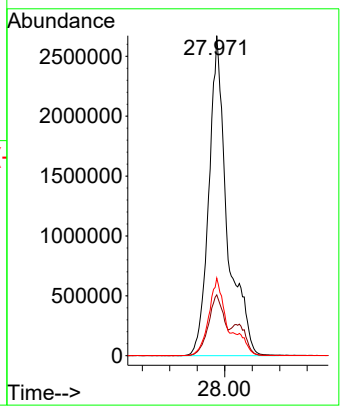


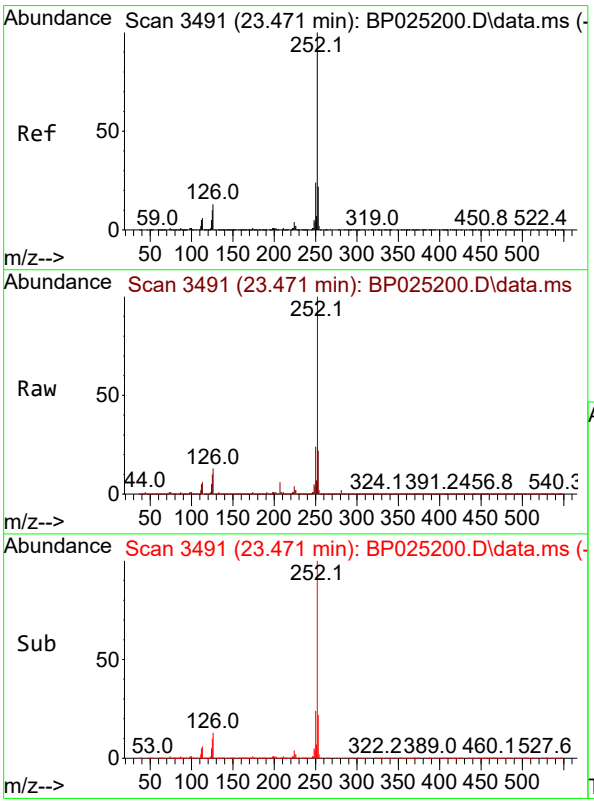

#87
Indeno(1,2,3-cd)pyrene
Concen: 38.803 ng
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:276 Resp:12392600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.0 | 12.8 | 19.2 |
| 277 | 25.4 | 20.3 | 30.5 |

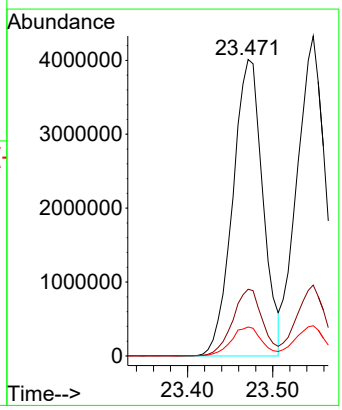


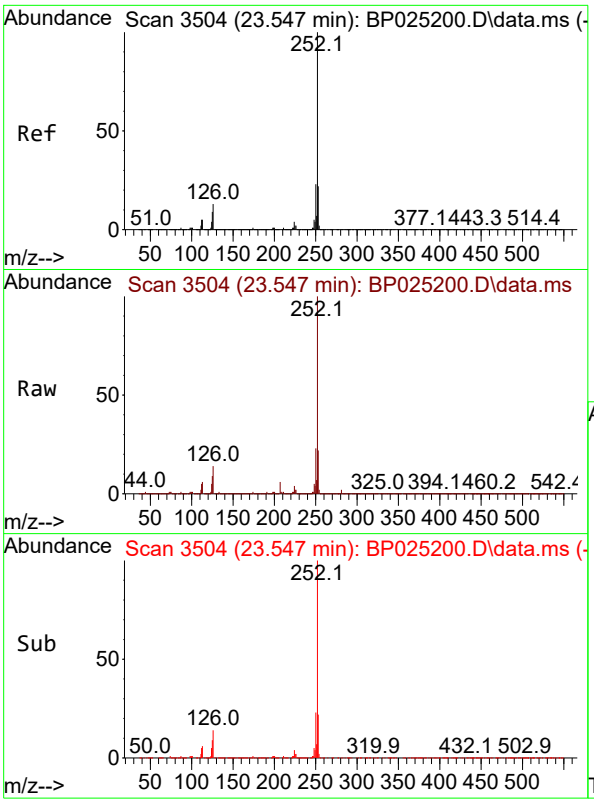




#88
Benzo(b)fluoranthene
Concen: 38.806 ng
RT: 23.471 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9832372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 9.8 | 7.8 | 11.8 |



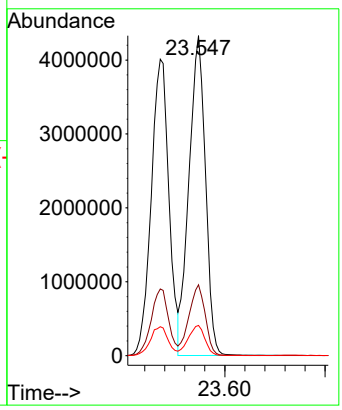


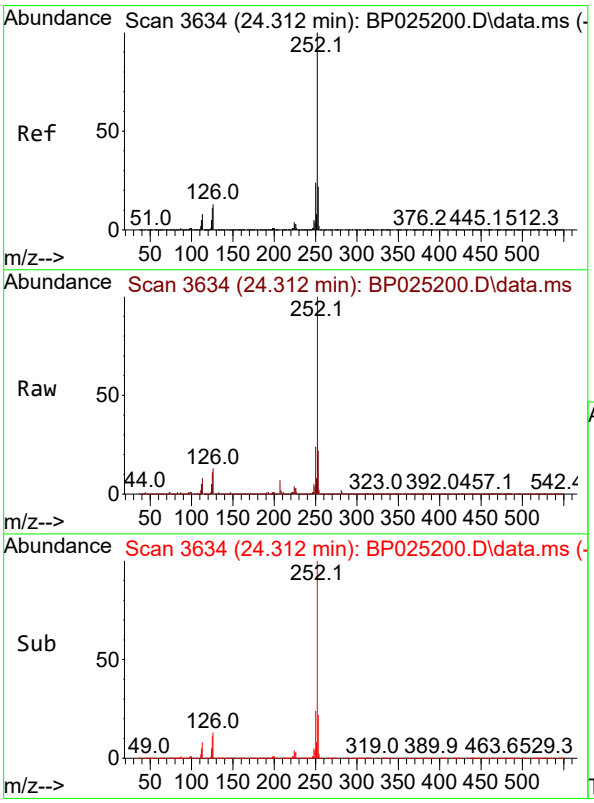

#89
Benzo(k)fluoranthene
Concen: 39.154 ng
RT: 23.547 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:252 Resp: 9849710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.4 | 7.5 | 11.3 |

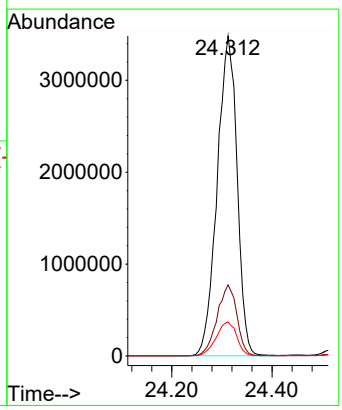


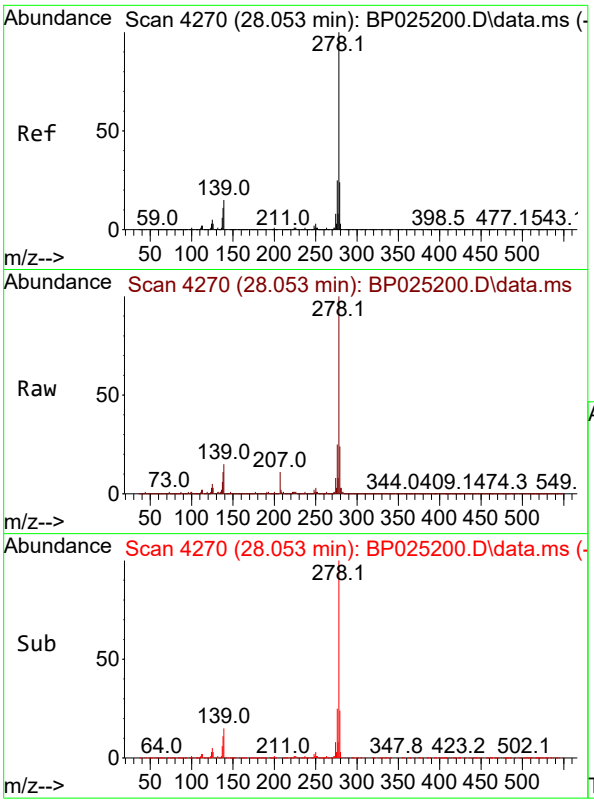




#90
Benzo(a)pyrene
Concen: 38.984 ng
RT: 24.312 min Scan# 3634
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:252 Resp: 9588064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.7 | 8.6 | 12.8 |



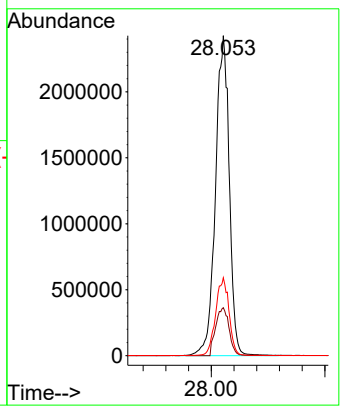


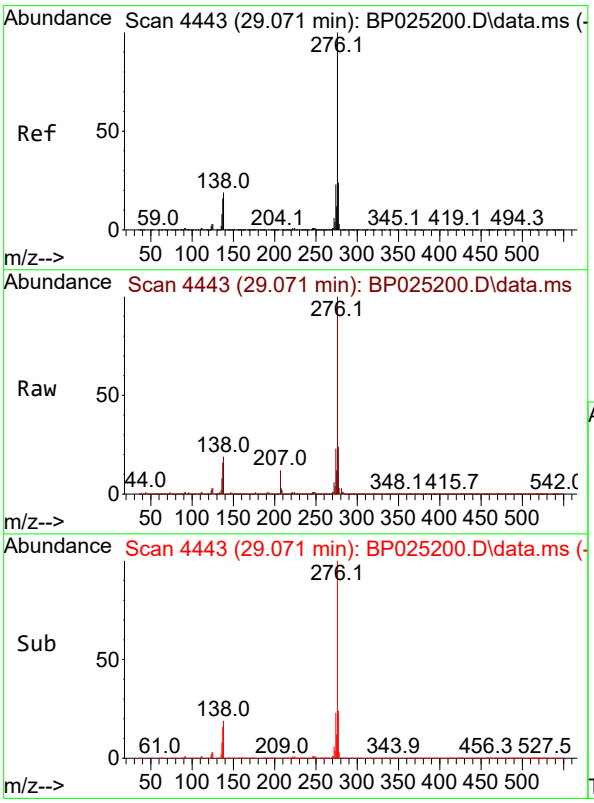

#91
Dibenzo(a,h)anthracene
Concen: 38.996 ng
RT: 28.053 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Tgt Ion:278 Resp:10213563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 12.0 | 18.0 |
| 279 | 24.4 | 19.5 | 29.3 |

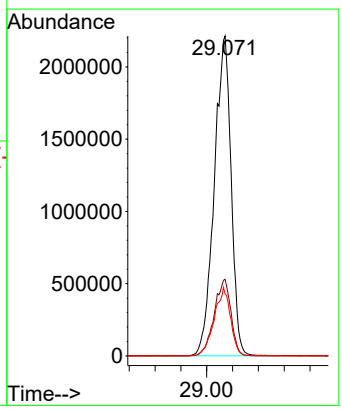



#92
Benzo(g,h,i)perylene
Concen: 38.952 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025200.D
Acq: 21 Jul 2025 17:10

Tgt Ion:276 Resp: 9993377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.2 | 28.8 |
| 138 | 19.3 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 613538 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2516404 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.072 | 164 | 1604001 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3210937 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 3337112 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.465 | 264 | 3976559 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 3807103 | 103.663 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4736983 | 104.474 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 4781399 | 104.177 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2533319 | 106.212 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 11917555 | 98.364 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.654 | 244 | 16139665 | 90.322 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 713110 | 51.665 | ng | | 99 |
| 3) Pyridine | 3.490 | 79 | 1930182 | 52.798 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 770132 | 53.378 | ng | | 97 |
| 6) Aniline | 6.778 | 93 | 3124470 | 52.991 | ng | | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 2180013 | 52.755 | ng | | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 1896798 | 58.538 | ng | | 99 |
| 10) Phenol | 6.660 | 94 | 2474823 | 52.755 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1906690 | 52.936 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 2422569 | 51.674 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 2458987 | 51.975 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 2365873 | 52.043 | ng | | 99 |
| 15) Benzyl Alcohol | 7.666 | 79 | 1722446 | 52.999 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 2446484 | 52.952 | ng | | 100 |
| 17) 2-Methylphenol | 7.878 | 107 | 1733573 | 53.427 | ng | | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 853688 | 52.844 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1455206 | 53.253 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 2375514 | 53.601 | ng | | 99 |
| 22) Acetophenone | 8.237 | 105 | 3084434 | 51.751 | ng | # | 98 |
| 24) Nitrobenzene | 8.602 | 77 | 2126232 | 52.274 | ng | | 97 |
| 25) Isophorone | 9.125 | 82 | 4172561 | 51.908 | ng | | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 1267530 | 55.364 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 2063358 | 52.940 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 2625875 | 52.034 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 2113695 | 52.875 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 2270580 | 51.620 | ng | | 99 |
| 31) Naphthalene | 10.225 | 128 | 6732644 | 51.375 | ng | | 99 |
| 32) Benzoic acid | 9.543 | 122 | 1647738 | 57.886 | ng | | 98 |
| 33) 4-Chloroaniline | 10.331 | 127 | 2986136 | 52.480 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 1366194 | 51.718 | ng | | 100 |
| 35) Caprolactam | 11.137 | 113 | 701610 | 53.331 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 2098032 | 52.551 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 4376533 | 51.634 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 4608074 | 51.546 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 2560877 | 52.721 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 1616183 | 58.674 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1770617 | 53.947 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1918353 | 53.026 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 6024880 | 50.798 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 4722917 | 51.398 | ng | 99 |
| 48) 2-Nitroaniline | 13.137 | 65 | 1277778 | 55.436 | ng | 99 |
| 49) Acenaphthylene | 13.790 | 152 | 7853263 | 52.119 | ng | 99 |
| 50) Dimethylphthalate | 13.548 | 163 | 6045361 | 51.655 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 1345243 | 54.301 | ng | 100 |
| 52) Acenaphthene | 14.137 | 154 | 4517722 | 52.046 | ng | 99 |
| 53) 3-Nitroaniline | 13.984 | 138 | 1538228 | 55.030 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.190 | 184 | 845681 | 60.917 | ng | 98 |
| 55) Dibenzofuran | 14.484 | 168 | 7155195 | 50.912 | ng | 100 |
| 56) 4-Nitrophenol | 14.319 | 139 | 1296281 | 54.419 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.448 | 165 | 1931788 | 55.973 | ng | 98 |
| 58) Fluorene | 15.148 | 166 | 5666693 | 50.552 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 1711112 | 53.430 | ng | 99 |
| 60) Diethylphthalate | 14.948 | 149 | 6032748 | 52.170 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 2822385 | 49.953 | ng | 97 |
| 62) 4-Nitroaniline | 15.172 | 138 | 1557916 | 54.694 | ng | 99 |
| 63) Azobenzene | 15.454 | 77 | 4887978 | 52.623 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 1165979 | 58.004 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 5088804 | 50.889 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1990339 | 52.573 | ng | 99 |
| 68) Hexachlorobenzene | 16.184 | 284 | 2321405 | 51.350 | ng | 96 |
| 69) Atrazine | 16.372 | 200 | 1920612 | 52.693 | ng | 99 |
| 70) Pentachlorophenol | 16.531 | 266 | 1626155 | 54.041 | ng | 99 |
| 71) Phenanthrene | 16.931 | 178 | 8929922 | 49.912 | ng | 100 |
| 72) Anthracene | 17.031 | 178 | 9319174 | 51.310 | ng | 100 |
| 73) Carbazole | 17.307 | 167 | 8838811 | 51.147 | ng | 99 |
| 74) Di-n-butylphthalate | 17.925 | 149 | 10436099 | 51.501 | ng | 99 |
| 75) Fluoranthene | 19.036 | 202 | 10486987 | 49.574 | ng | 99 |
| 77) Benzidine | 19.242 | 184 | 5973577 | 46.861 | ng | 100 |
| 78) Pyrene | 19.419 | 202 | 10669709 | 50.310 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 4896472 | 52.320 | ng | 97 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 11027653 | 50.804 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.236 | 252 | 4590583 | 51.576 | ng | 100 |
| 83) Chrysene | 21.377 | 228 | 10311953 | 50.942 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 7009358 | 51.373 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 12446110 | 52.335 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.989 | 276 | 15307239m | 52.366 | ng | |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 11802054 | 50.891 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.548 | 252 | 11941338 | 51.862 | ng | 99 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 11759136 | 52.237 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.065 | 278 | 12441007 | 51.898 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.077 | 276 | 12183528 | 51.884 | ng | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

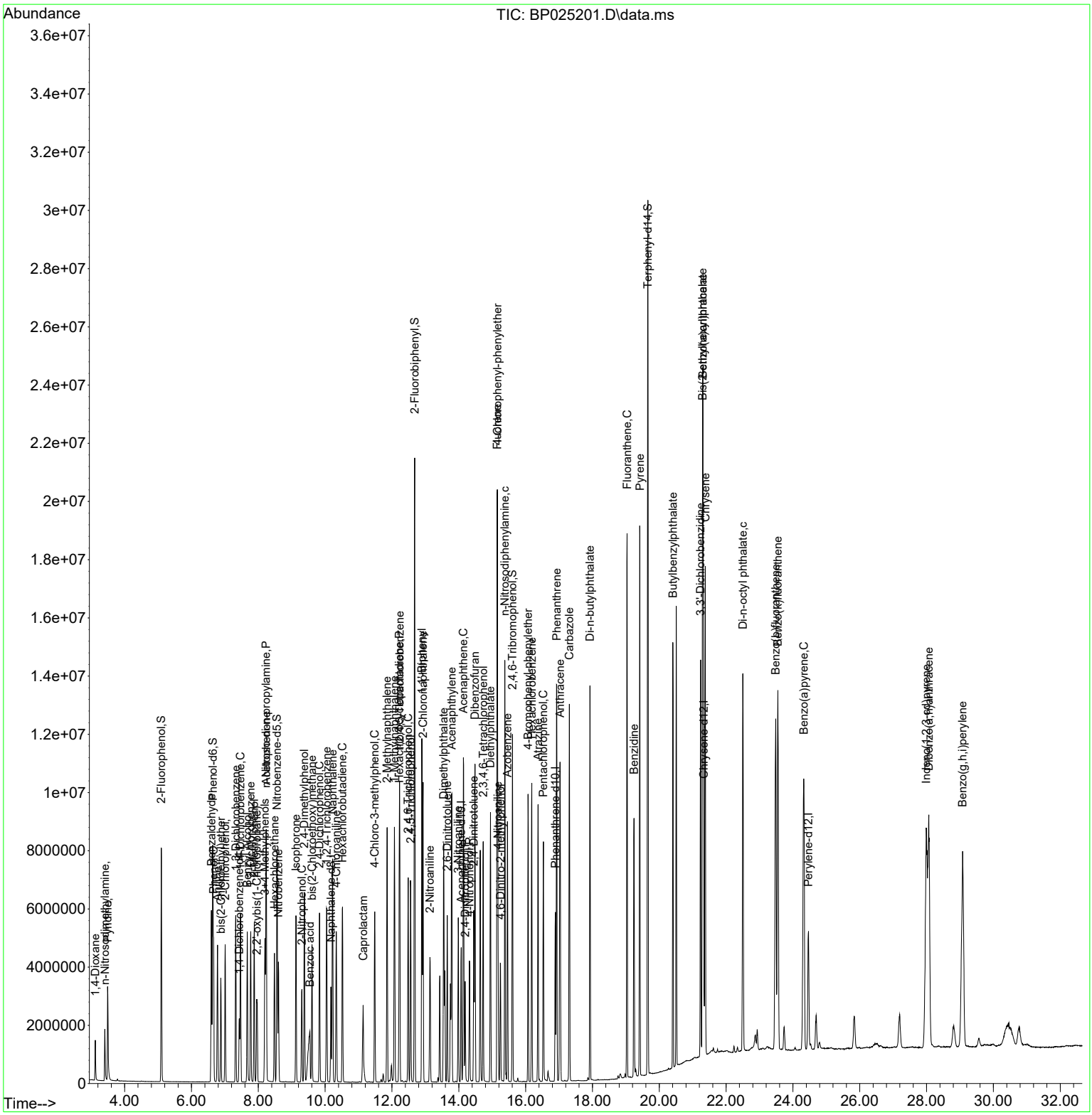
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

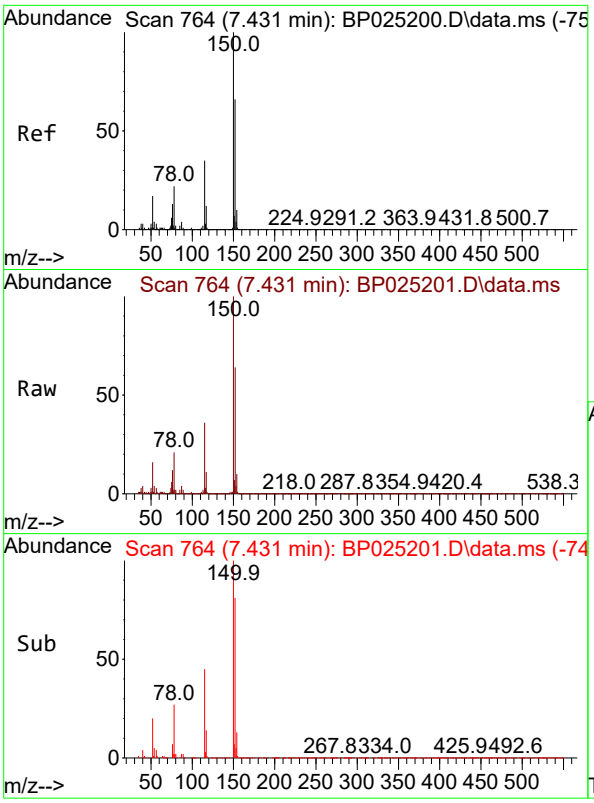
Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

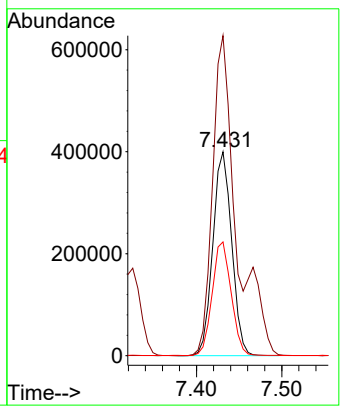





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:152 Resp: 61353

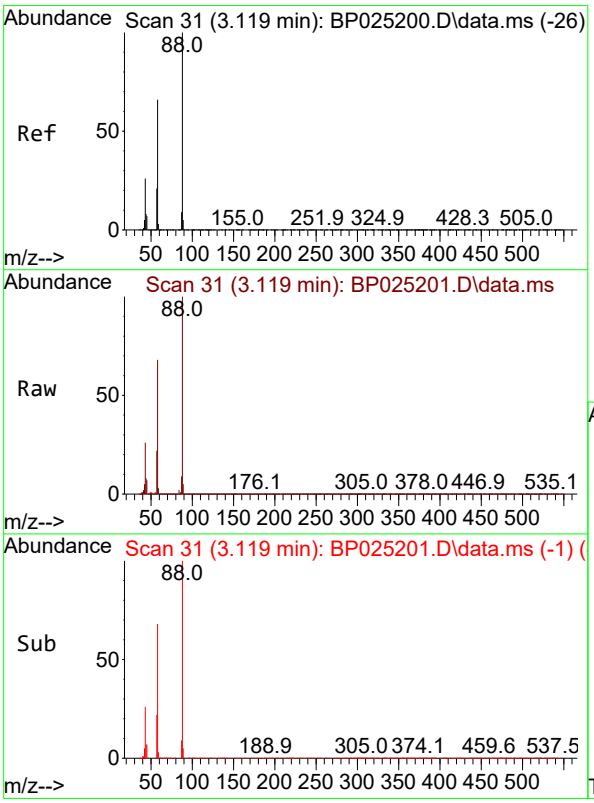
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 121.9 | 182.9 |
| 115 | 55.8 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

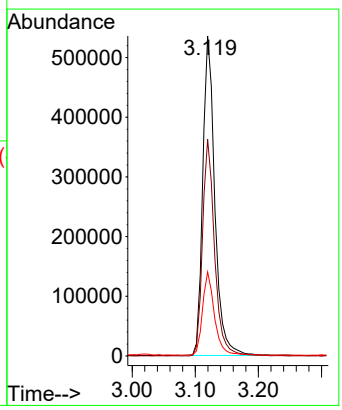
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

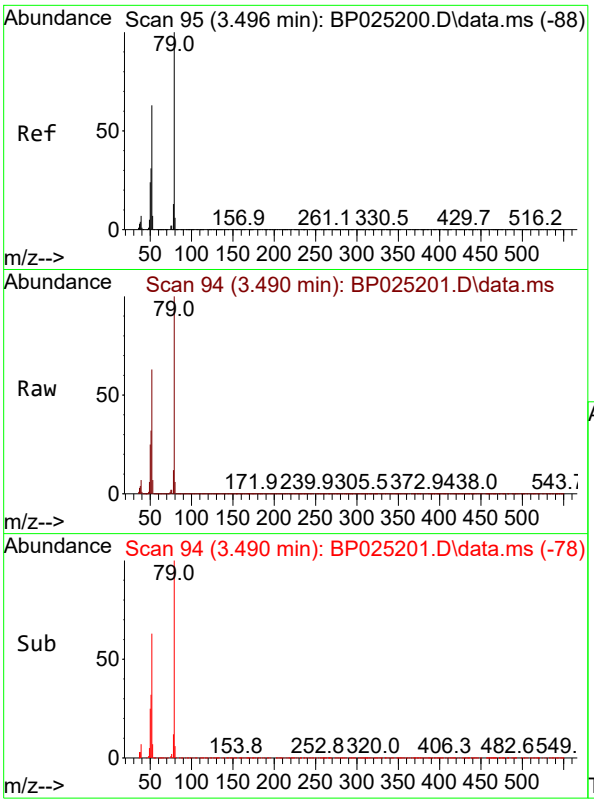



#2
1,4-Dioxane
Concen: 51.665 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 88 Resp: 713110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.7 | 53.5 | 80.3 |
| 43 | 25.8 | 20.8 | 31.2 |

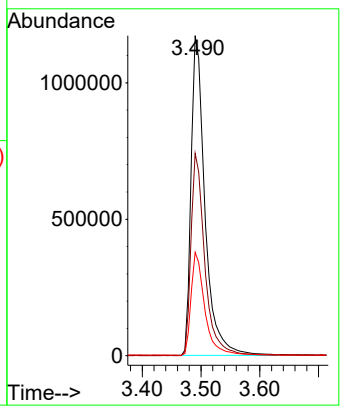





#3
Pyridine
Concen: 52.798 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 193018

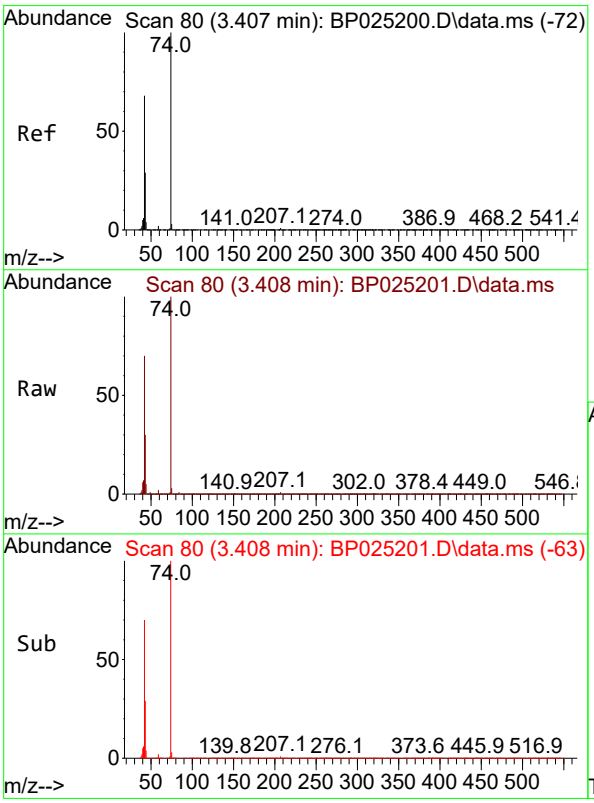
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.3 | 50.2 | 75.4 |
| 51 | 32.3 | 25.0 | 37.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

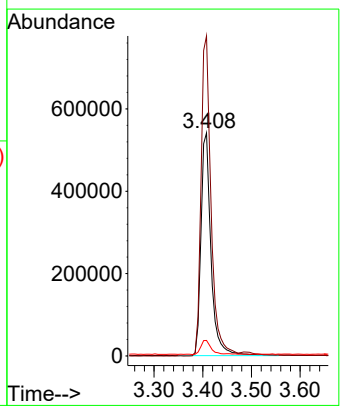
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

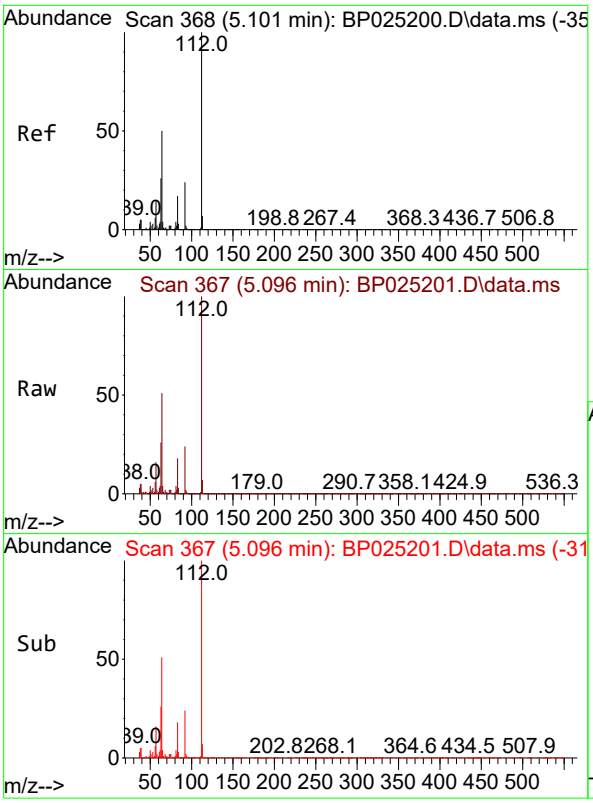



#4
n-Nitrosodimethylamine
Concen: 53.378 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 42 Resp: 770132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.4 | 118.0 | 177.0 |
| 44 | 6.9 | 5.5 | 8.3 |

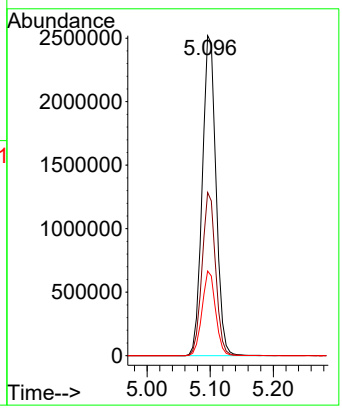





#5
2-Fluorophenol
Concen: 103.663 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:112 Resp: 380710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.0 | 39.8 | 59.6 |
| 63 | 26.5 | 20.5 | 30.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
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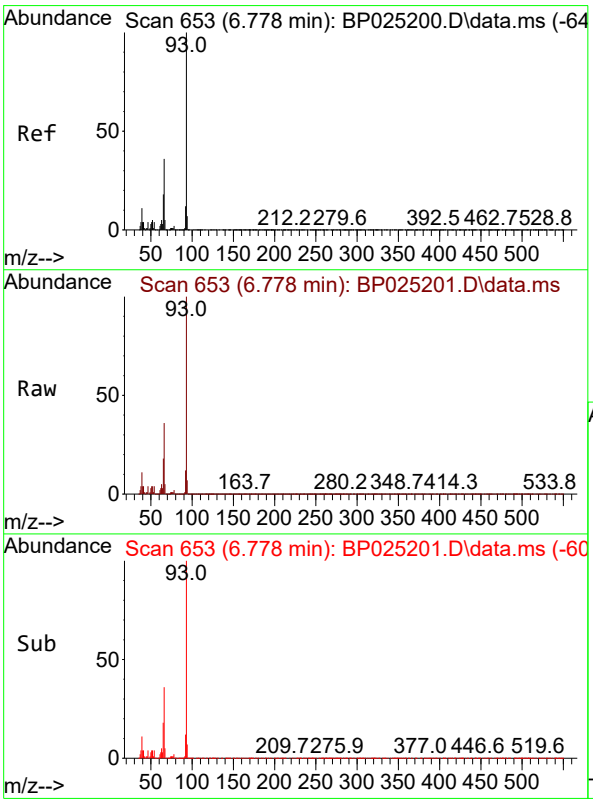
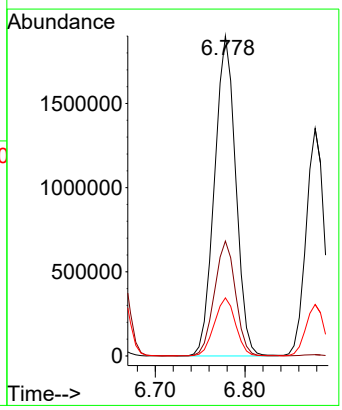
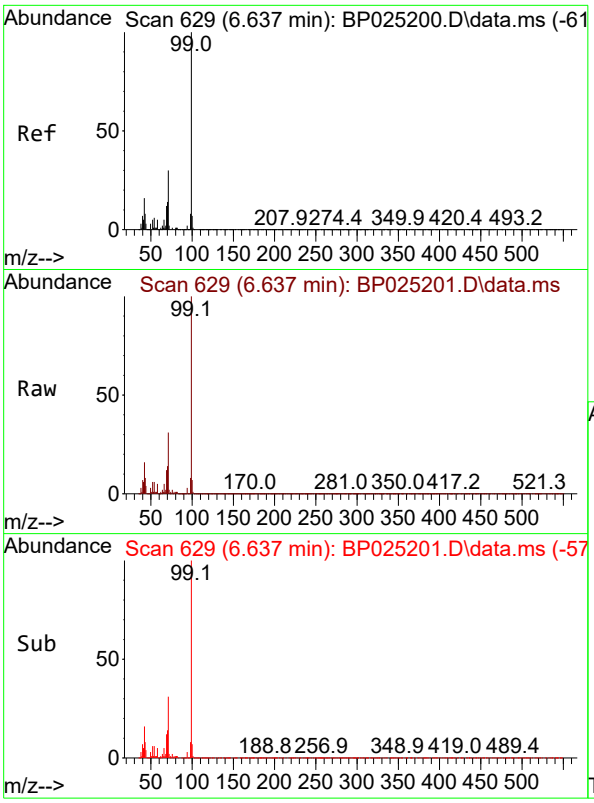



#6
Aniline
Concen: 52.991 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 3124470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.9 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |

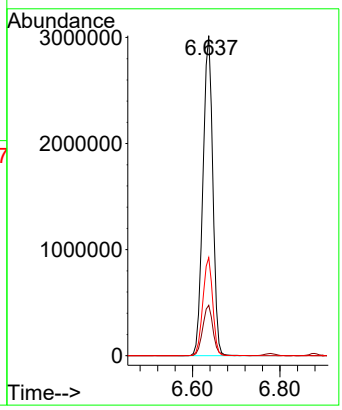





#7
Phenol-d6
Concen: 104.474 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 99 Resp: 473698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.8 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |




**Instrument :**
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SSTDICC050

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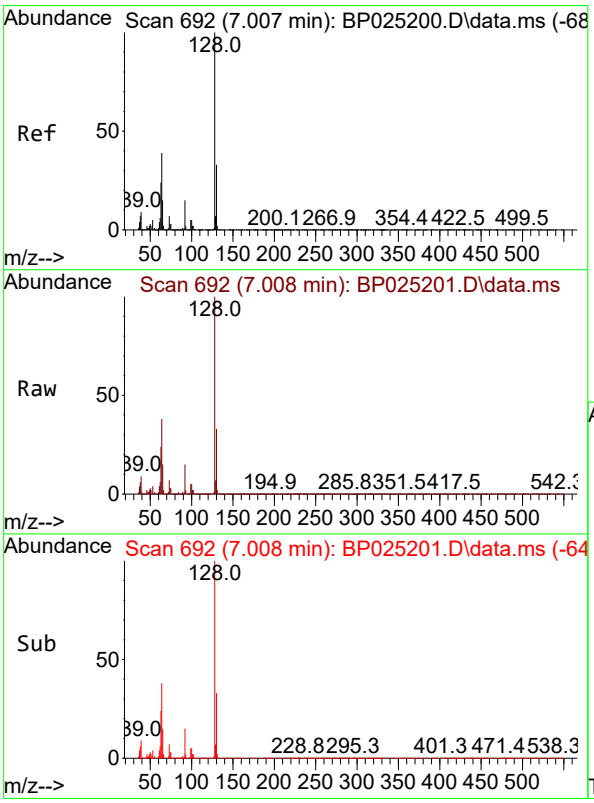
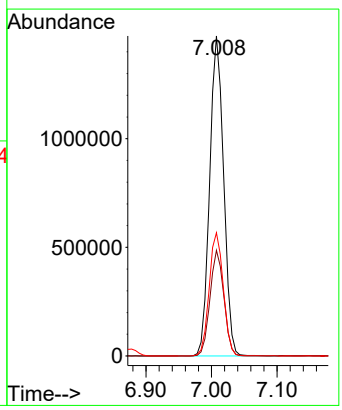
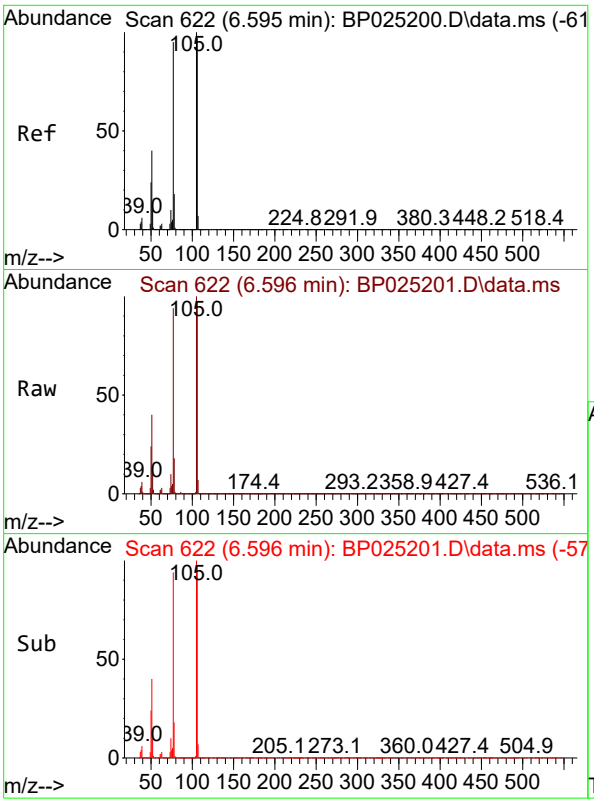



#8
2-Chlorophenol
Concen: 52.755 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 2180013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.9 | 52.9 |
| 64 | 38.5 | 19.2 | 59.2 |

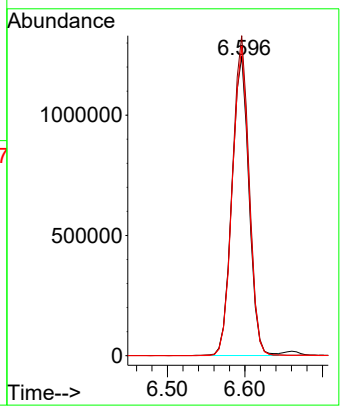





#9
Benzaldehyde
Concen: 58.538 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 189679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.8 | 85.5 | 125.5 |
| 106 | 103.4 | 81.9 | 121.9 |




**Instrument :**
BNA_P
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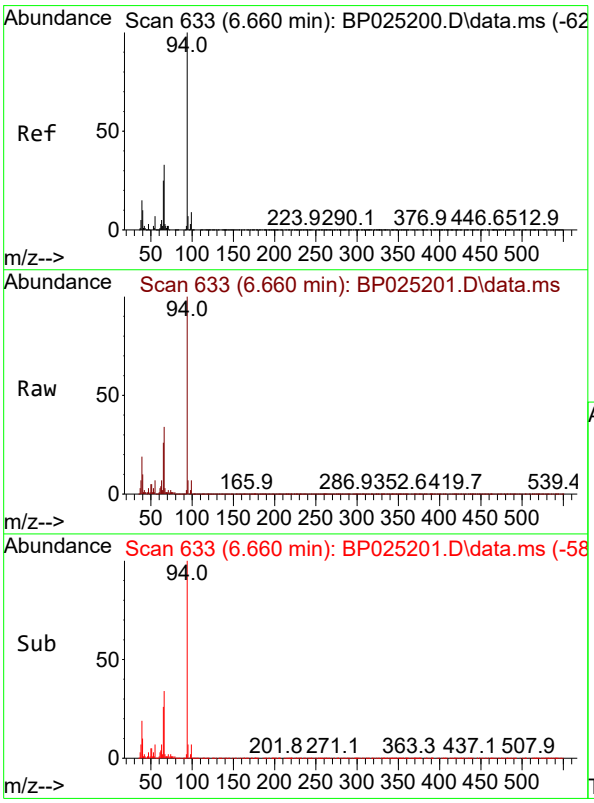
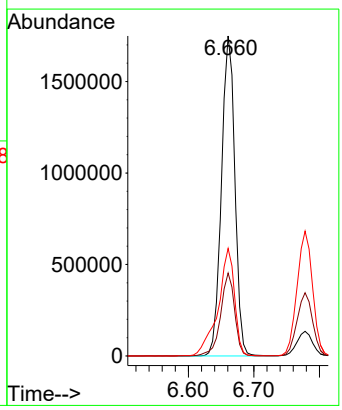
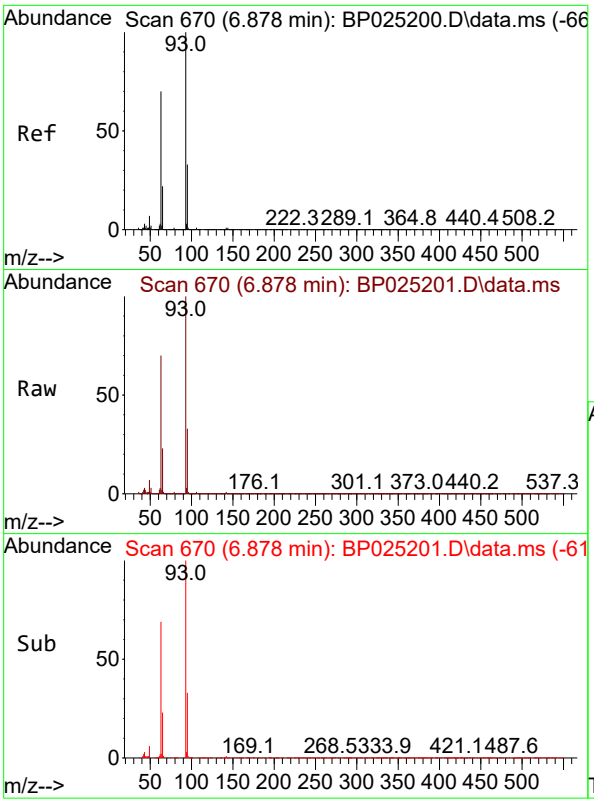



#10
Phenol
Concen: 52.755 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 94 Resp: 2474823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.9 | 5.4 | 45.4 |
| 66 | 33.6 | 13.5 | 53.5 |

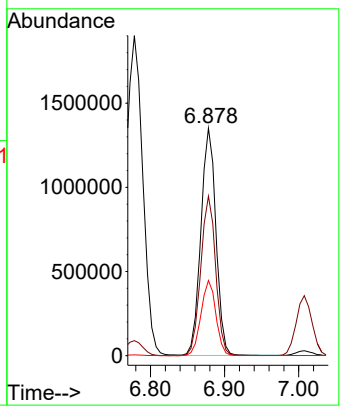





#11
bis(2-Chloroethyl)ether
Concen: 52.936 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 190669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.1 | 50.0 | 90.0 |
| 95 | 33.0 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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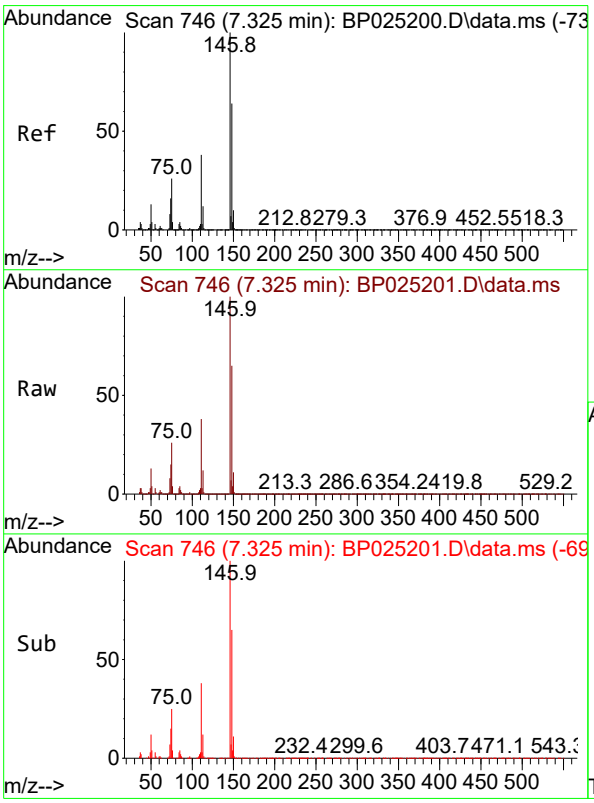
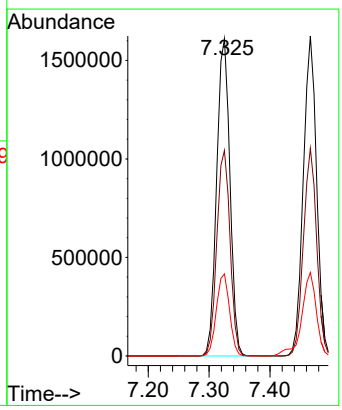
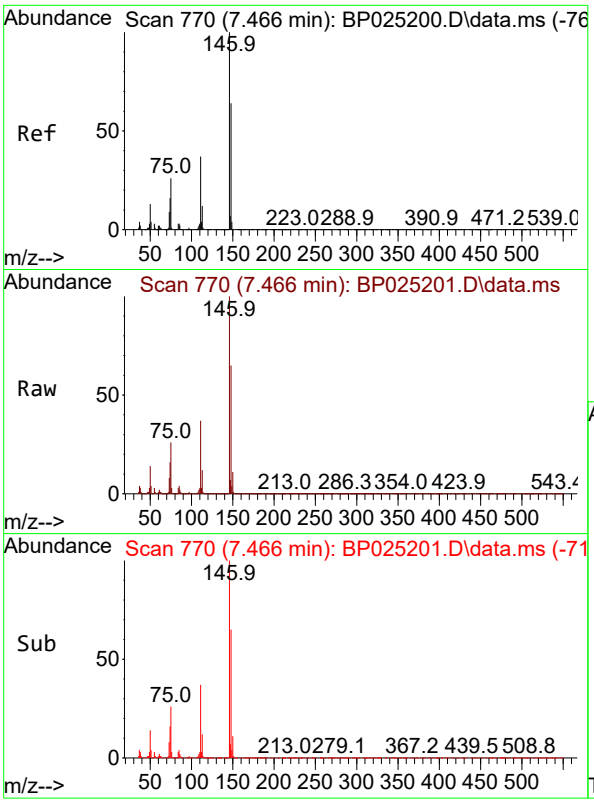



#12
1,3-Dichlorobenzene
Concen: 51.674 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2422569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.4 | 77.0 |
| 75 | 25.9 | 20.6 | 31.0 |

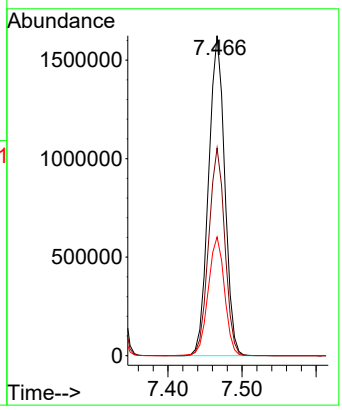





#13
1,4-Dichlorobenzene
Concen: 51.975 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 245898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.4 | 77.2 |
| 111 | 37.1 | 29.9 | 44.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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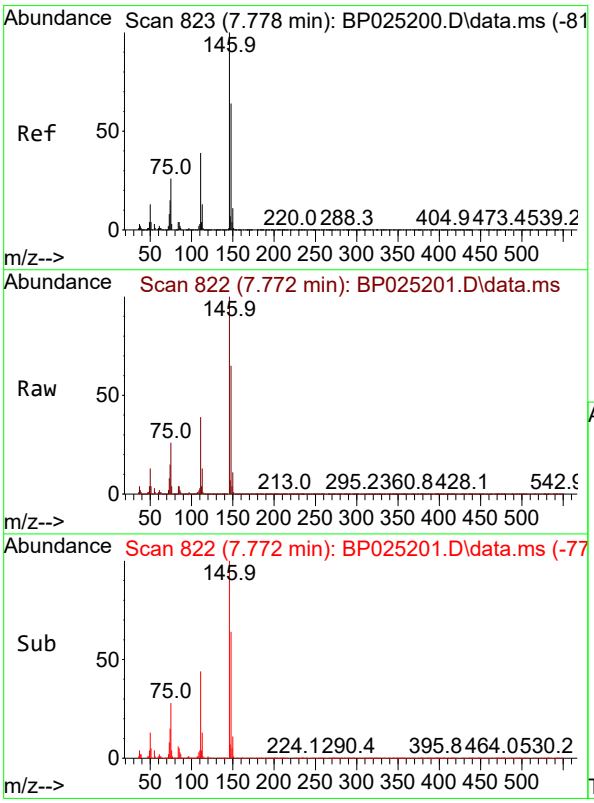
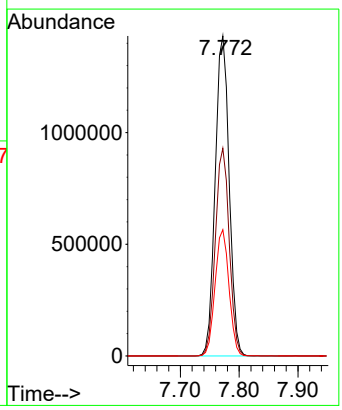
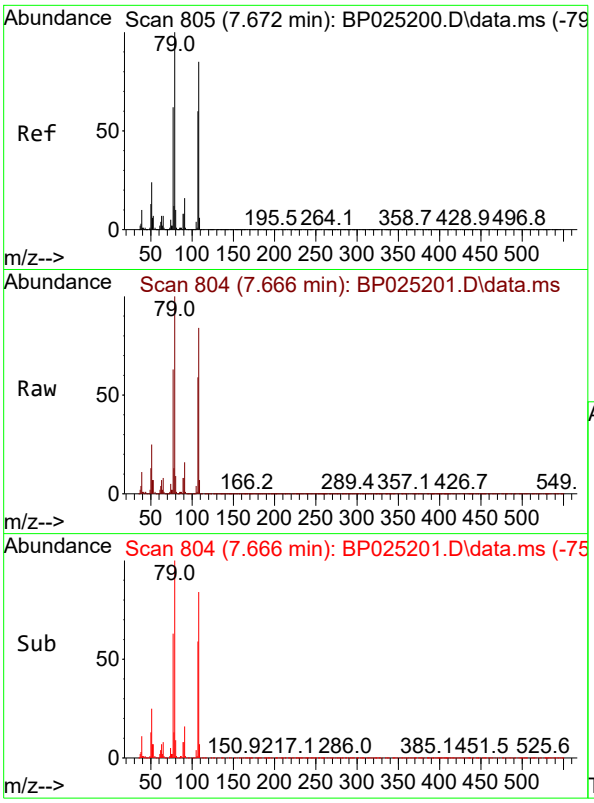



#14
1,2-Dichlorobenzene
Concen: 52.043 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2365873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.5 | 77.3 |
| 111 | 39.5 | 31.3 | 46.9 |

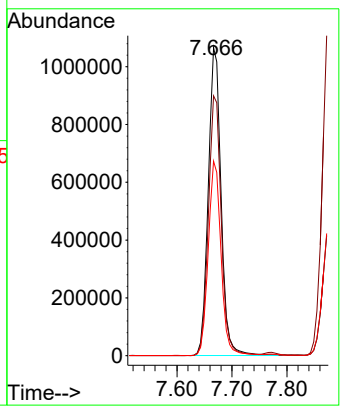





#15
Benzyl Alcohol
Concen: 52.999 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 79 Resp: 172244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.4 | 67.8 | 101.6 |
| 77 | 63.2 | 49.9 | 74.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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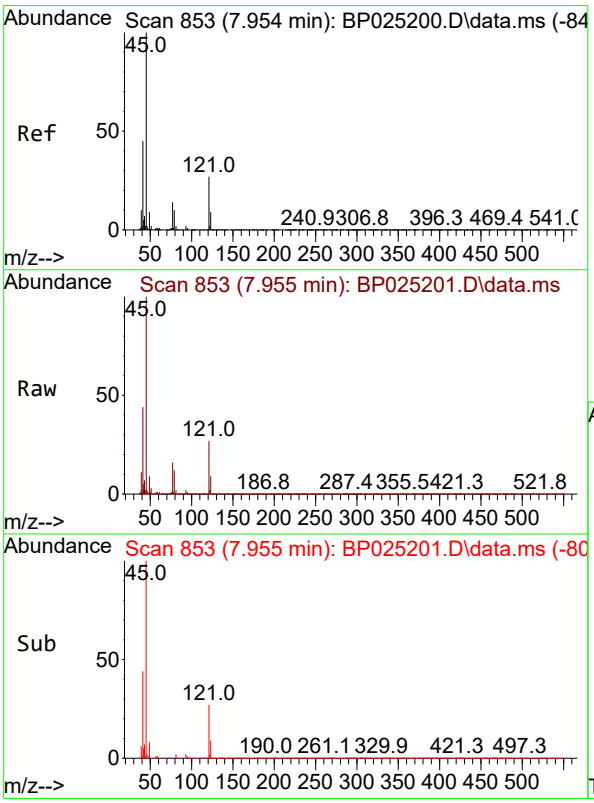
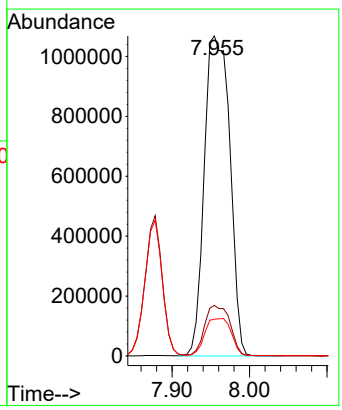
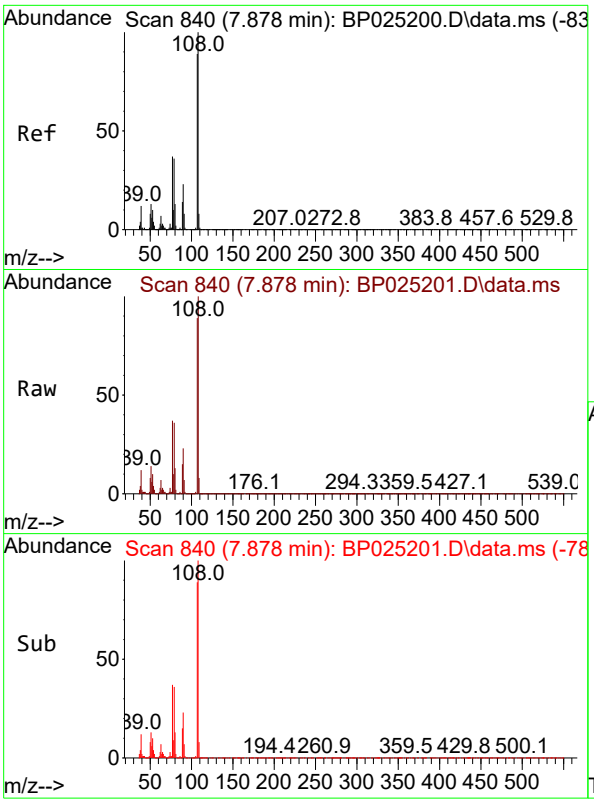



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.952 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 45 Resp: 2446484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.8 | 0.0 | 36.0 |
| 79 | 11.5 | 0.0 | 31.7 |

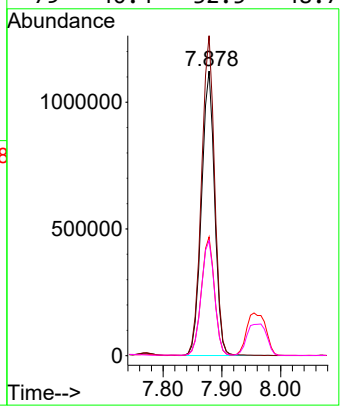





#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 173357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.4 | 89.8 | 134.8 |
| 77 | 41.7 | 33.2 | 49.8 |
| 79 | 40.4 | 32.5 | 48.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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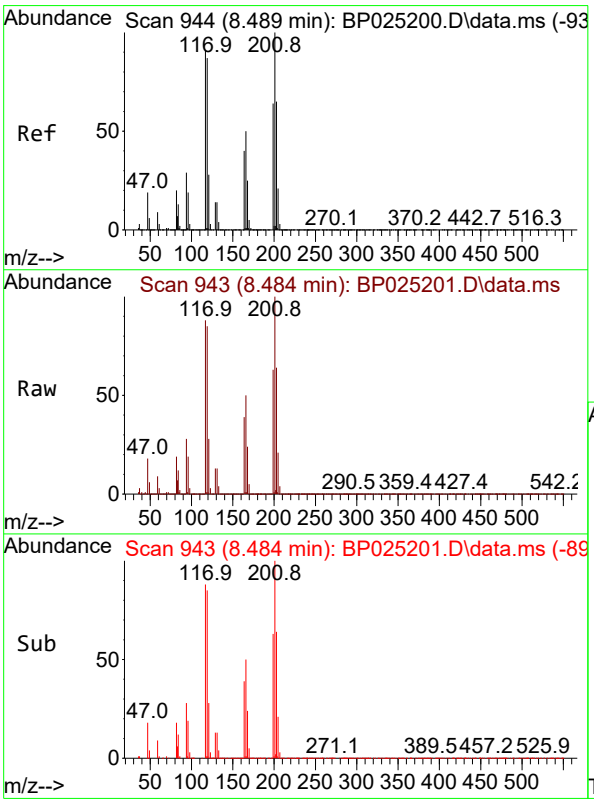
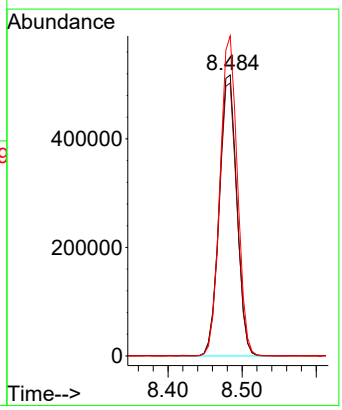
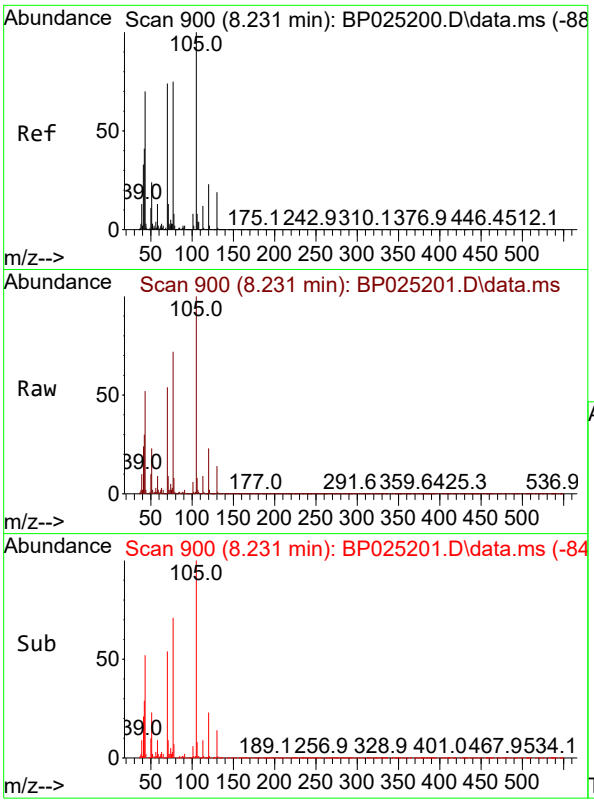



#18
Hexachloroethane
Concen: 52.844 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:117 Resp: 853688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 77.0 | 115.6 |
| 201 | 113.9 | 88.3 | 132.5 |

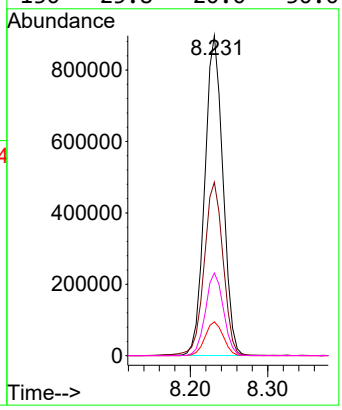





#19
n-Nitroso-di-n-propylamine
Concen: 53.253 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 70 Resp: 145520(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.2 | 44.2 | 66.2 |
| 101 | 10.6 | 8.6 | 12.8 |
| 130 | 25.8 | 20.0 | 30.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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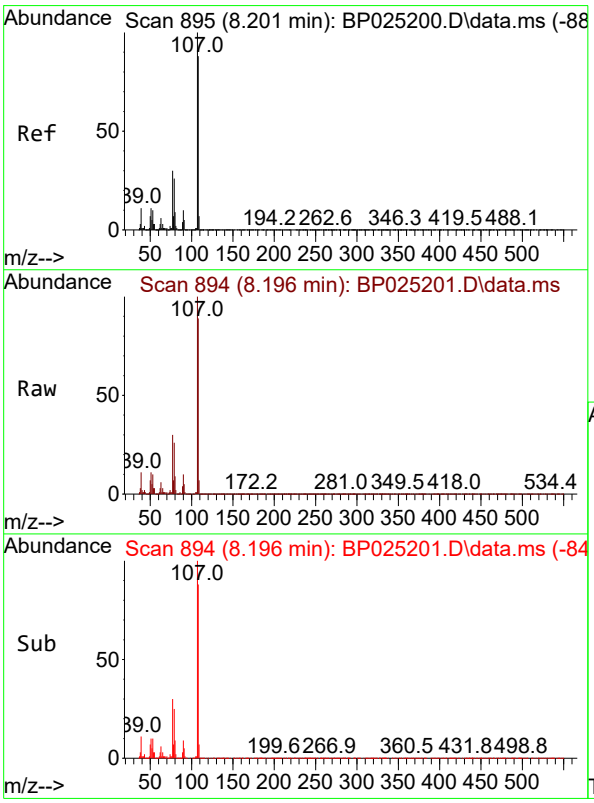
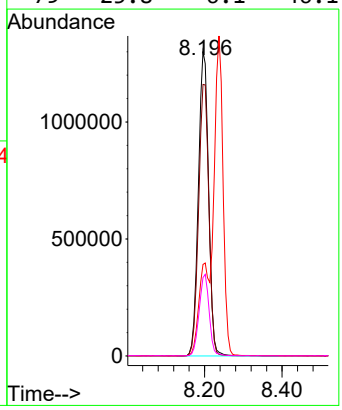
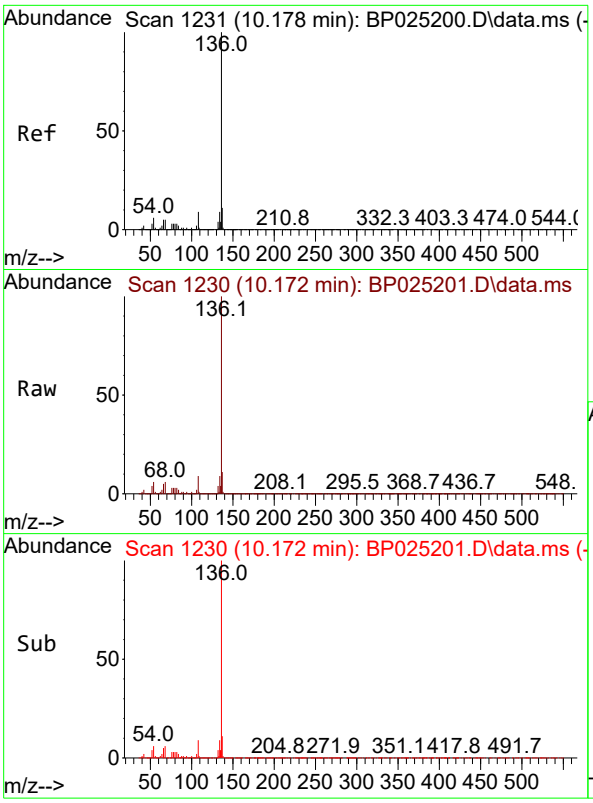



#20
3+4-Methylphenols
Concen: 53.601 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2375514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.2 | 67.8 | 107.8 |
| 77 | 30.0 | 10.3 | 50.3 |
| 79 | 25.8 | 6.1 | 46.1 |

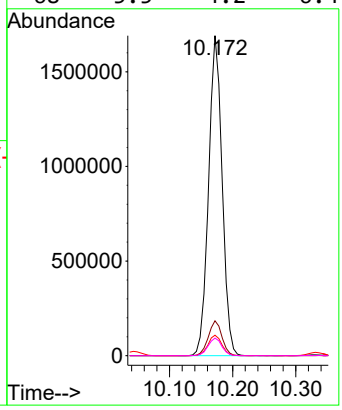





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:136 Resp: 251640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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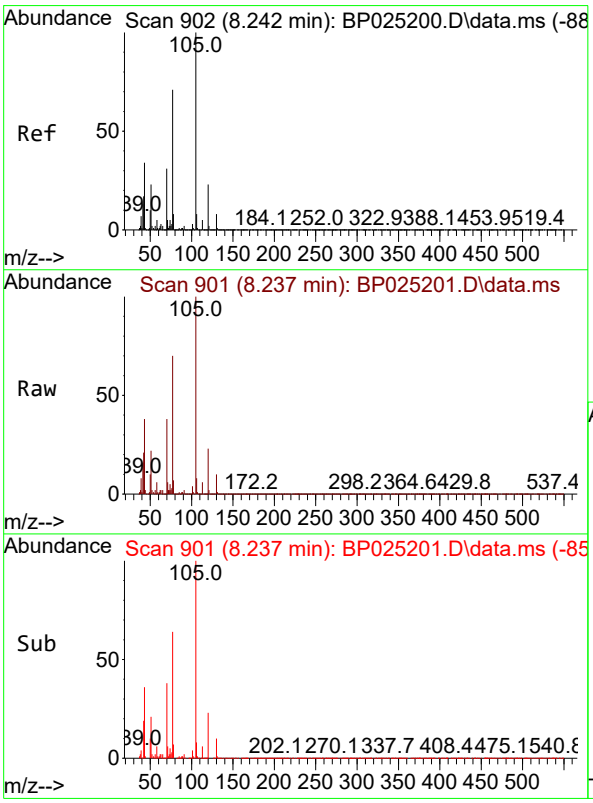
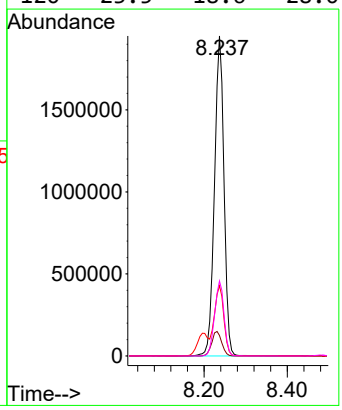
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

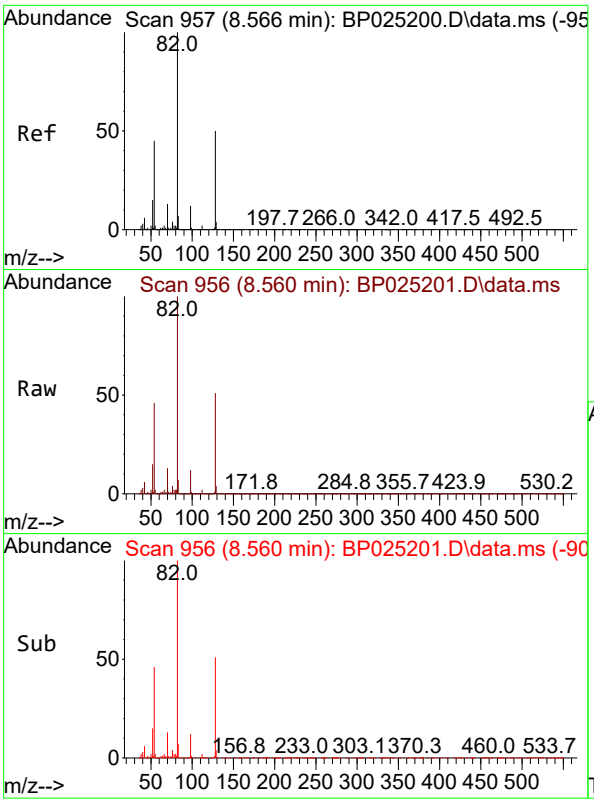



#22
Acetophenone
Concen: 51.751 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:105 Resp: 3084434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 4.1 | 6.1# |
| 51 | 22.0 | 18.5 | 27.7 |
| 120 | 23.5 | 18.6 | 28.0 |

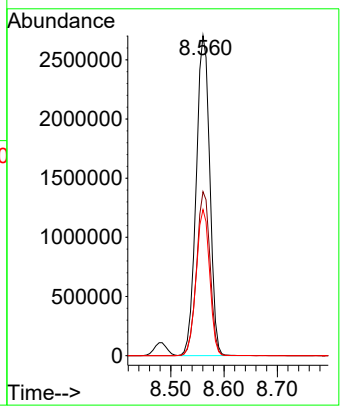





#23
Nitrobenzene-d5
Concen: 104.177 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 82 Resp: 478139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.2 | 40.2 | 60.4 |
| 54 | 45.7 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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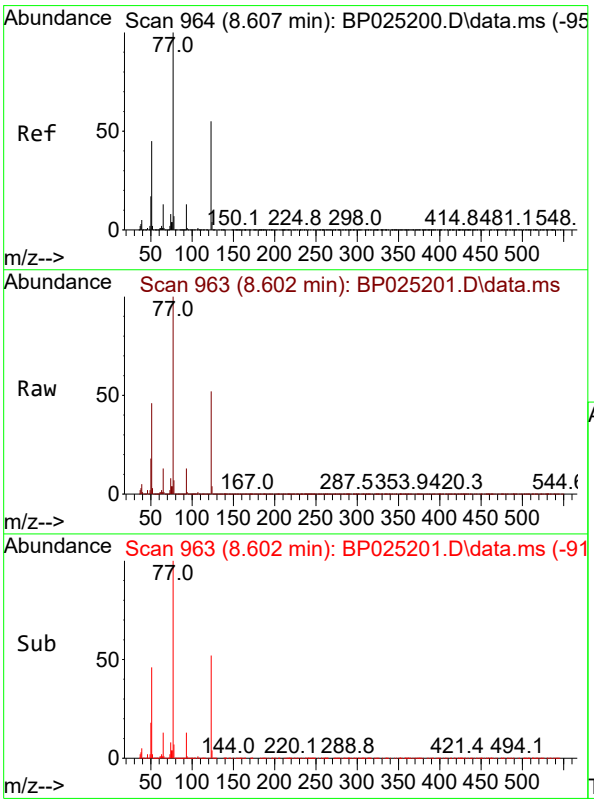
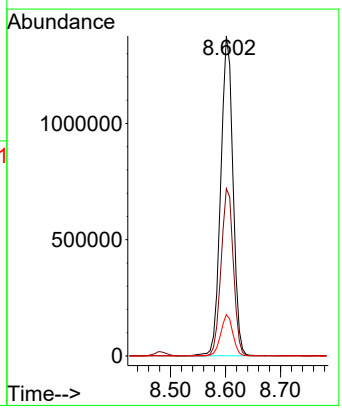
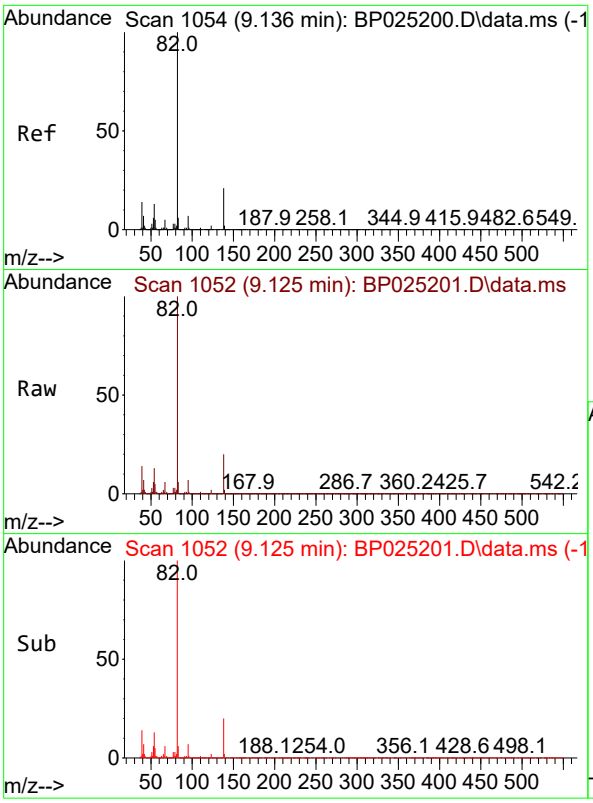



#24
Nitrobenzene
Concen: 52.274 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 2126232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.3 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |

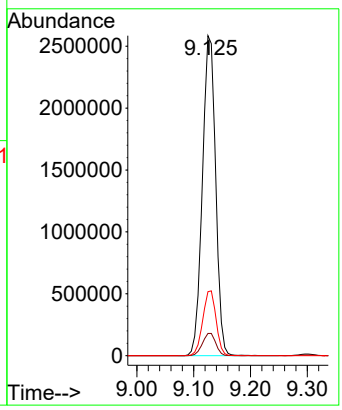





#25
Isophorone
Concen: 51.908 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 82 Resp: 417256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 20.0 | 16.6 | 25.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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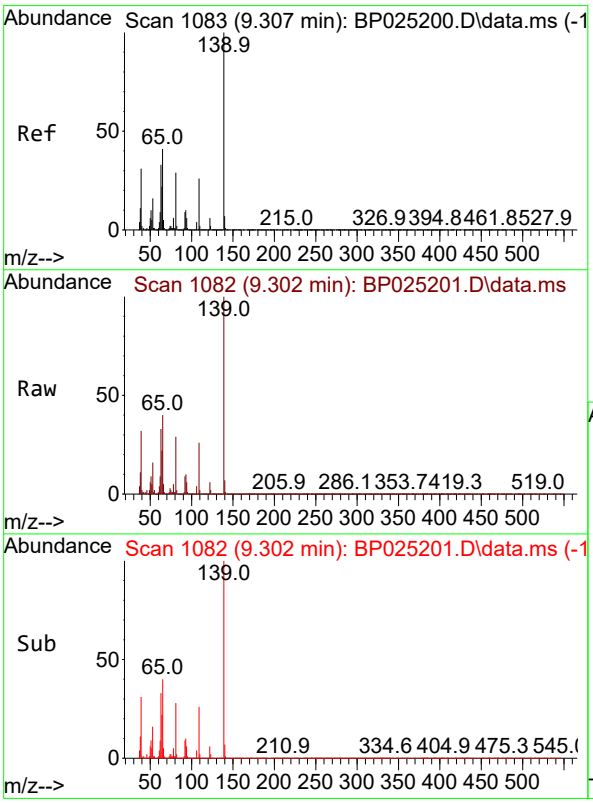
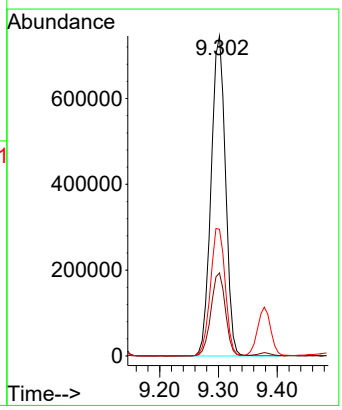
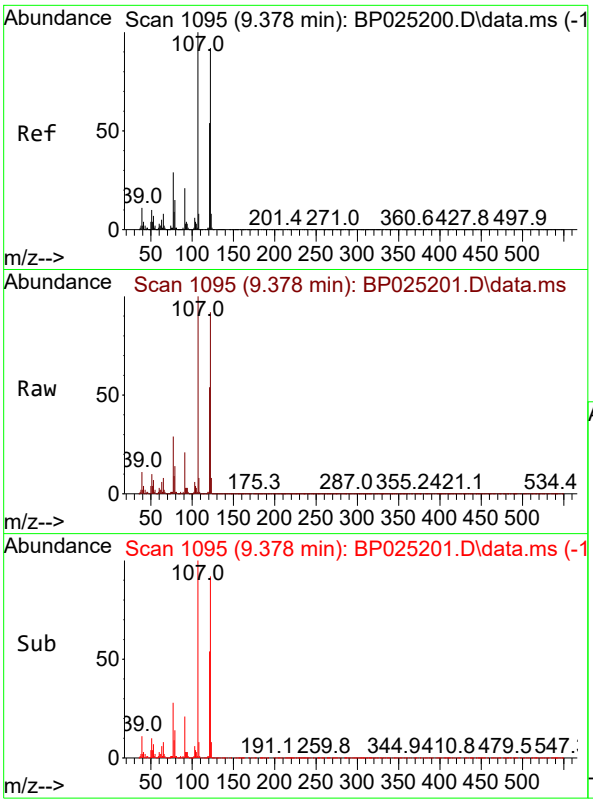



#26
2-Nitrophenol
Concen: 55.364 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1267530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 39.6 | 32.7 | 49.1 |






#27
2,4-Dimethylphenol
Concen: 52.940 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 206335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.9 | 87.0 | 130.4 |
| 121 | 58.4 | 46.7 | 70.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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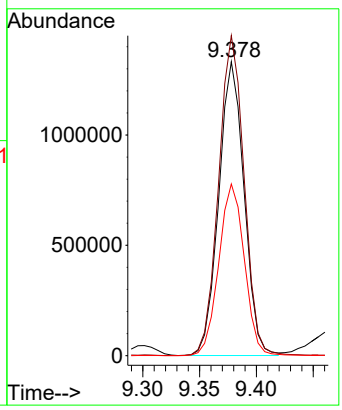
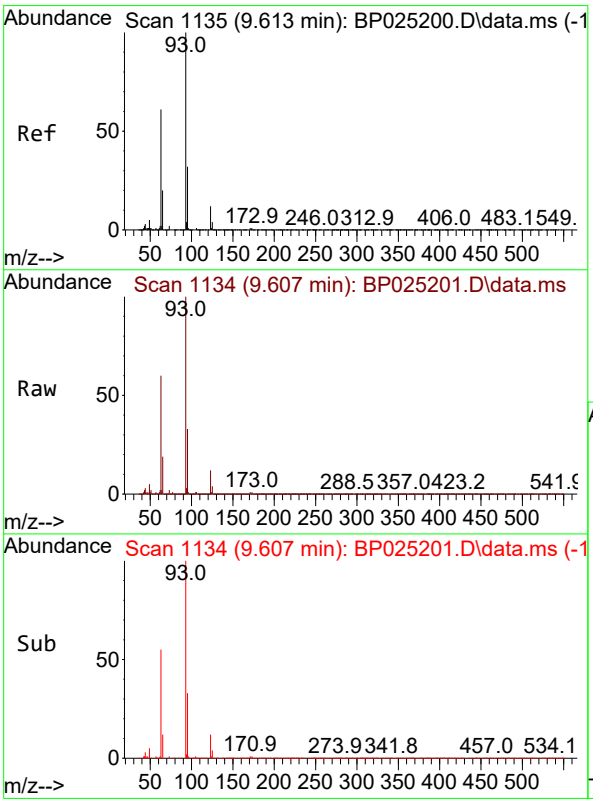
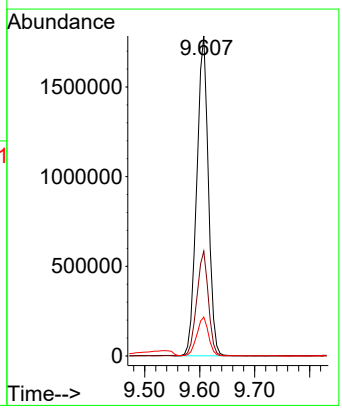


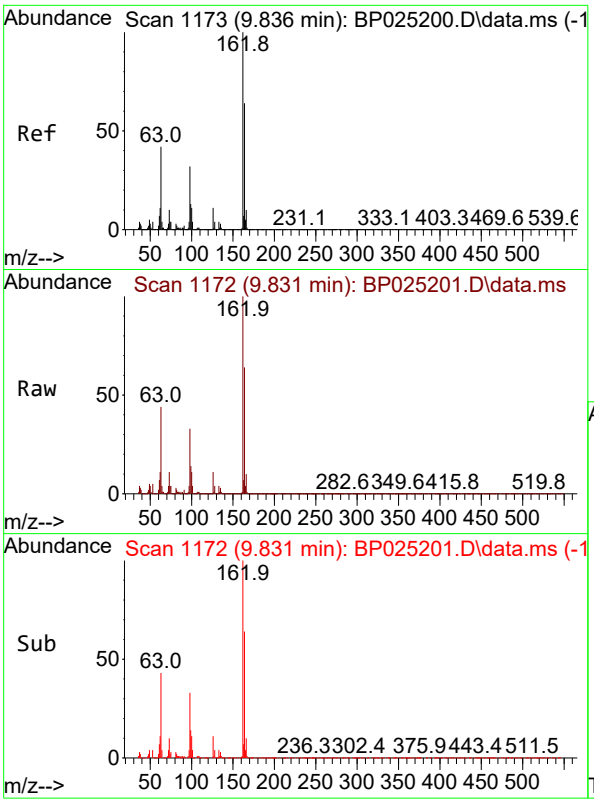




#28
bis(2-Chloroethoxy)methane
Concen: 52.034 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 2625875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.0 | 39.0 |
| 123 | 12.1 | 9.8 | 14.6 |






#29
2,4-Dichlorophenol
Concen: 52.875 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:162 Resp: 211369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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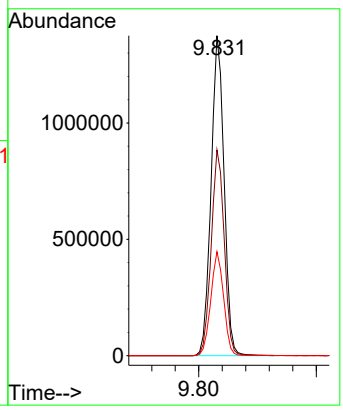
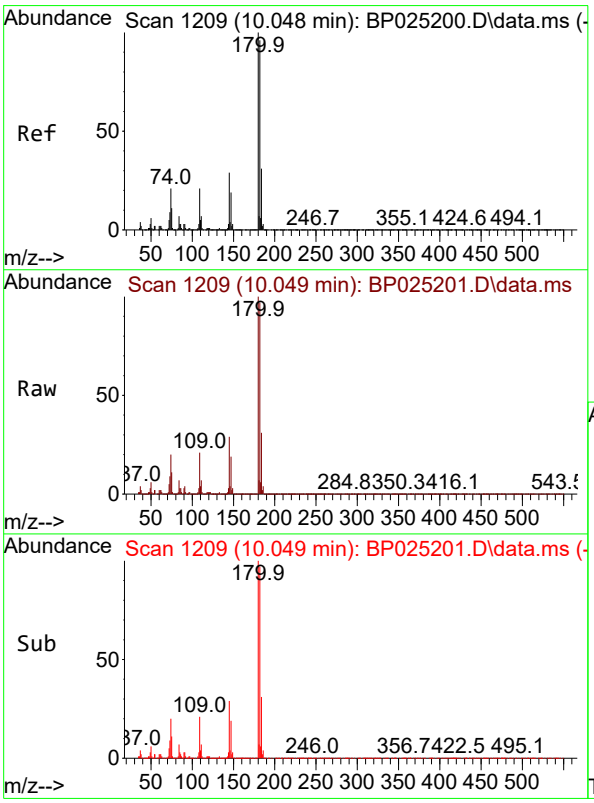
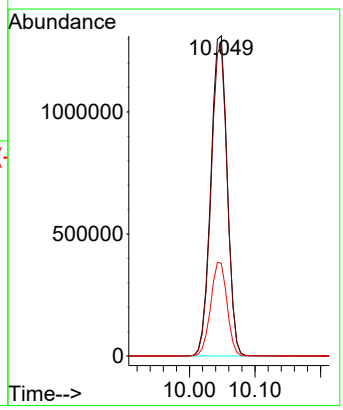


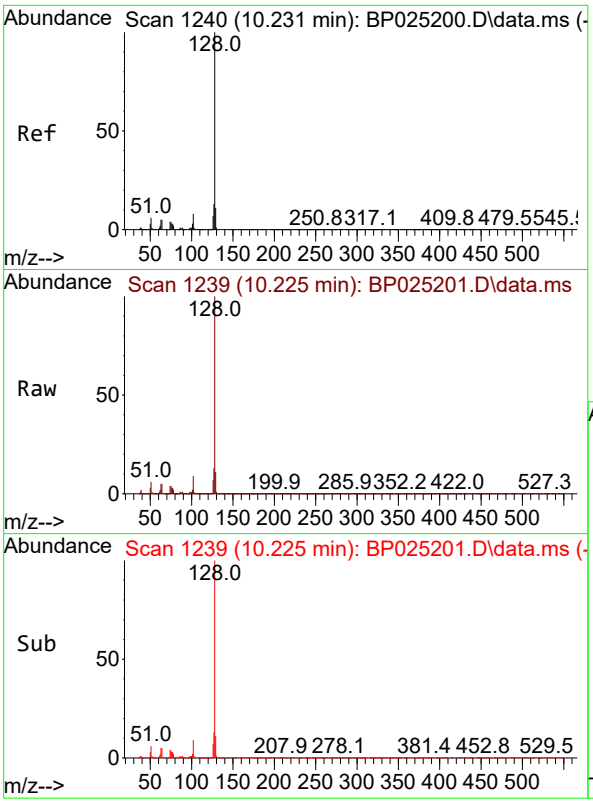




#30
1,2,4-Trichlorobenzene
Concen: 51.620 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:180 Resp: 2270580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 76.7 | 115.1 |
| 145 | 29.0 | 23.5 | 35.3 |

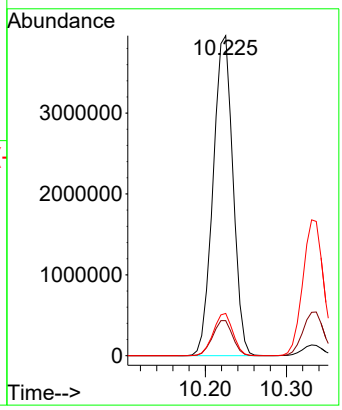





#31
Naphthalene
Concen: 51.375 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 673264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 13.2 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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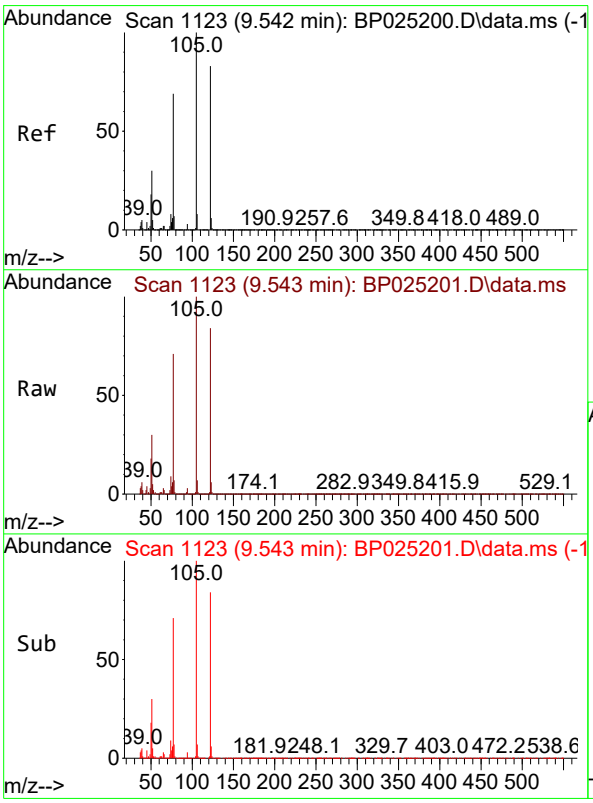
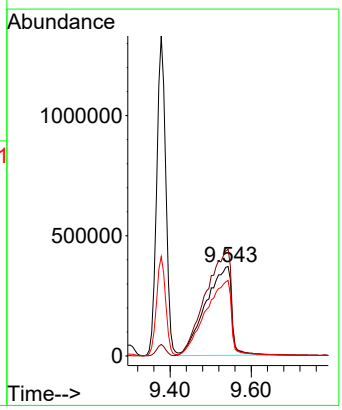
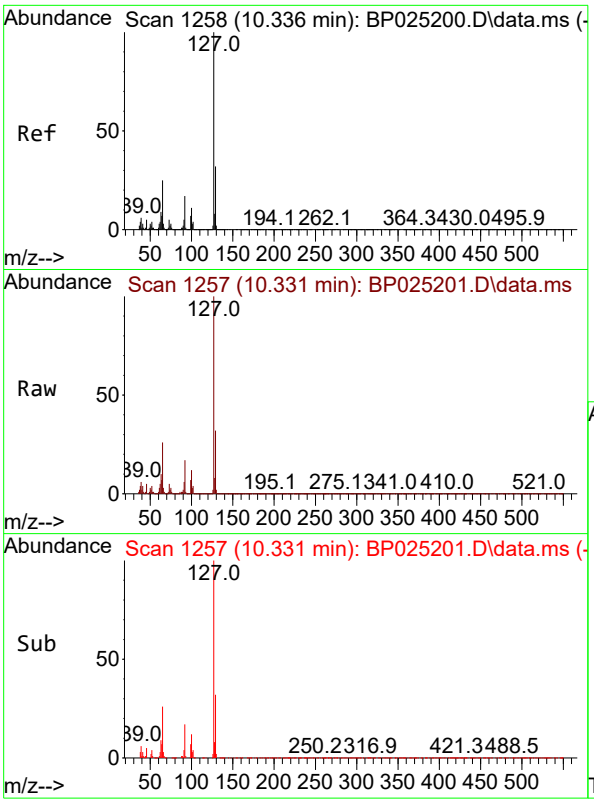



#32
Benzoic acid
Concen: 57.886 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 1647738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.4 | 98.1 | 138.1 |
| 77 | 84.5 | 62.7 | 102.7 |

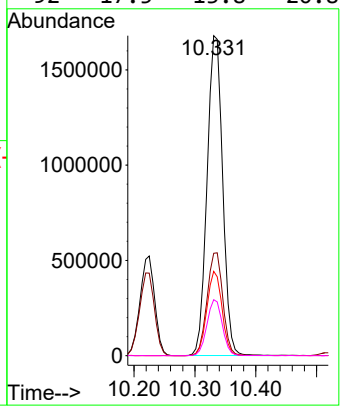





#33
4-Chloroaniline
Concen: 52.480 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:127 Resp: 298613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 26.4 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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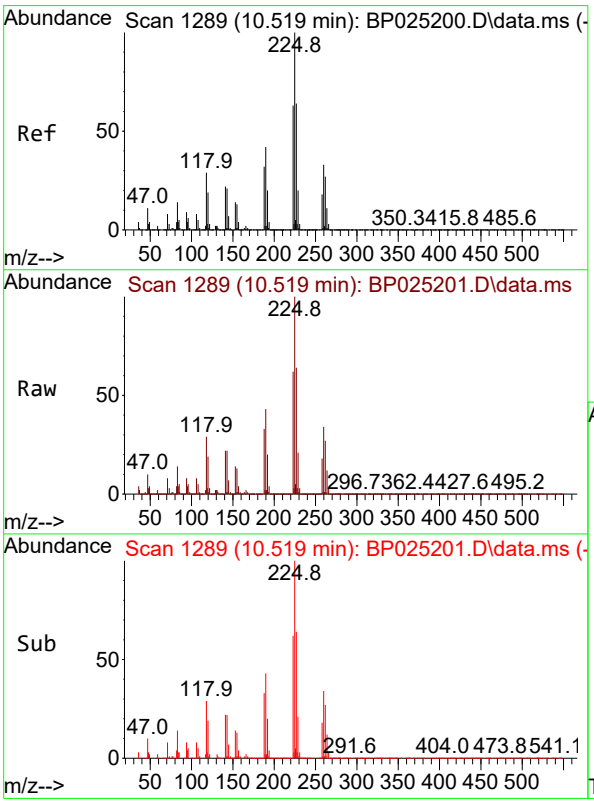
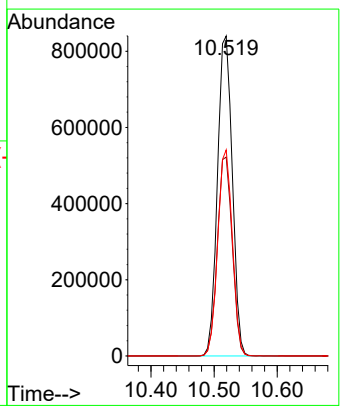
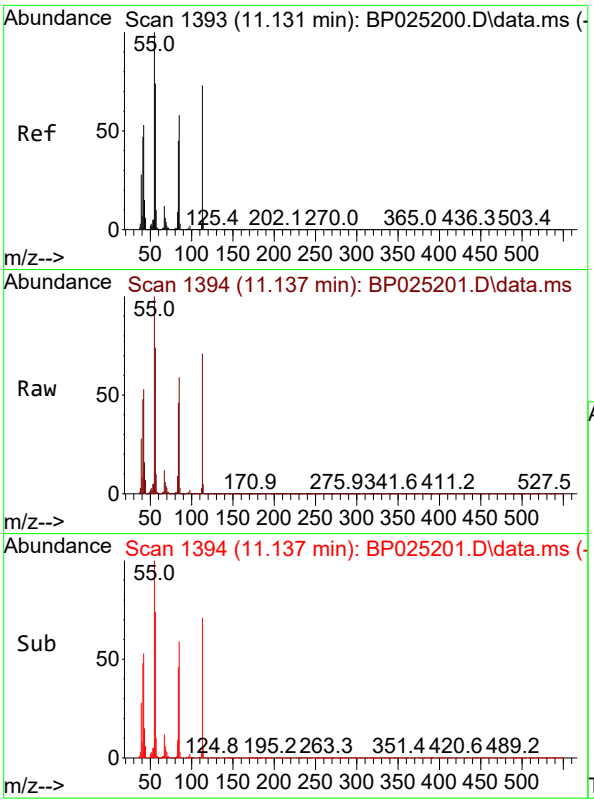



#34
Hexachlorobutadiene
Concen: 51.718 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:225 Resp: 1366194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 50.1 | 75.1 |
| 227 | 64.4 | 51.4 | 77.0 |

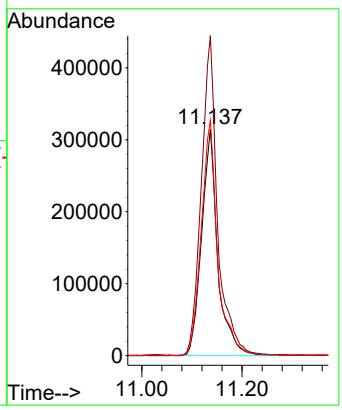





#35
Caprolactam
Concen: 53.331 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:113 Resp: 70161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 141.2 | 117.6 | 157.6 |
| 56 | 103.8 | 82.4 | 122.4 |




**Instrument :**
BNA_P
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SSTDICC050

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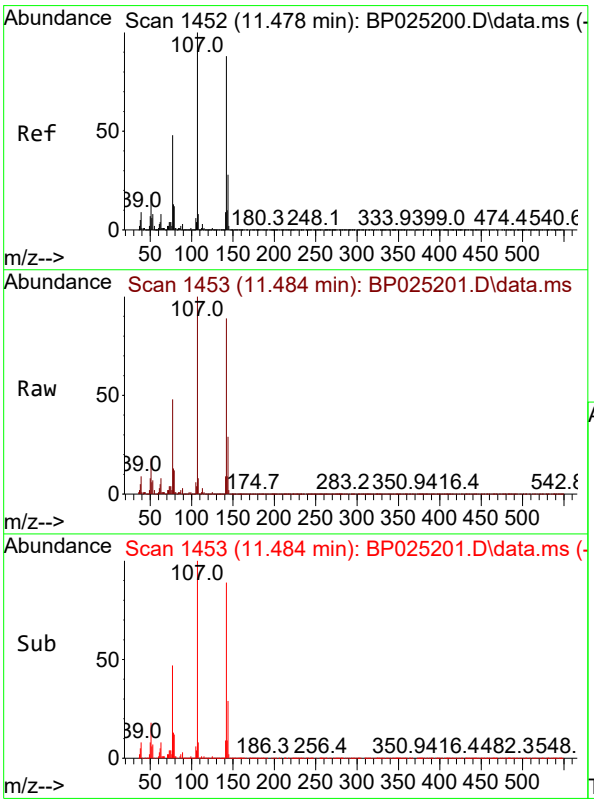
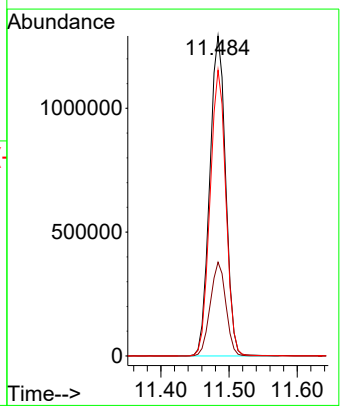
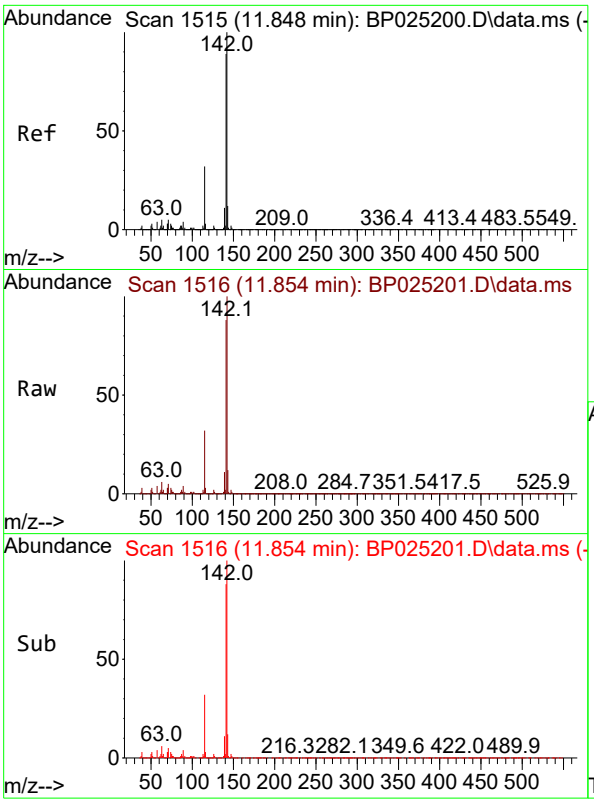



#36
4-Chloro-3-methylphenol
Concen: 52.551 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2098032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.3 | 22.5 | 33.7 |
| 142 | 89.3 | 70.6 | 105.8 |

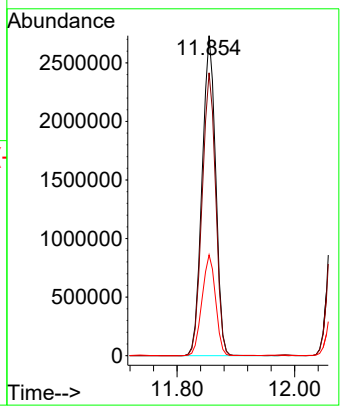





#37
2-Methylnaphthalene
Concen: 51.634 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 437653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.2 | 106.8 |
| 115 | 31.5 | 25.3 | 37.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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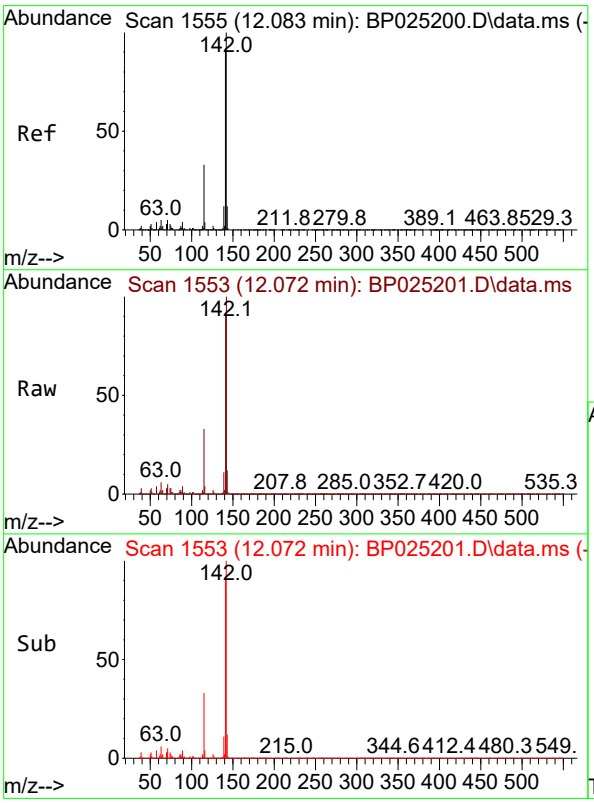
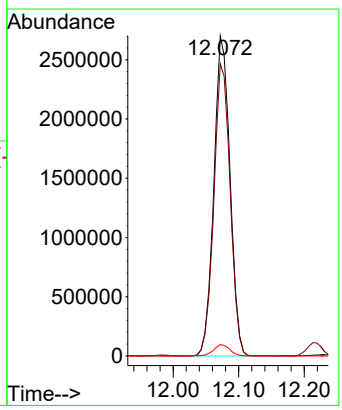
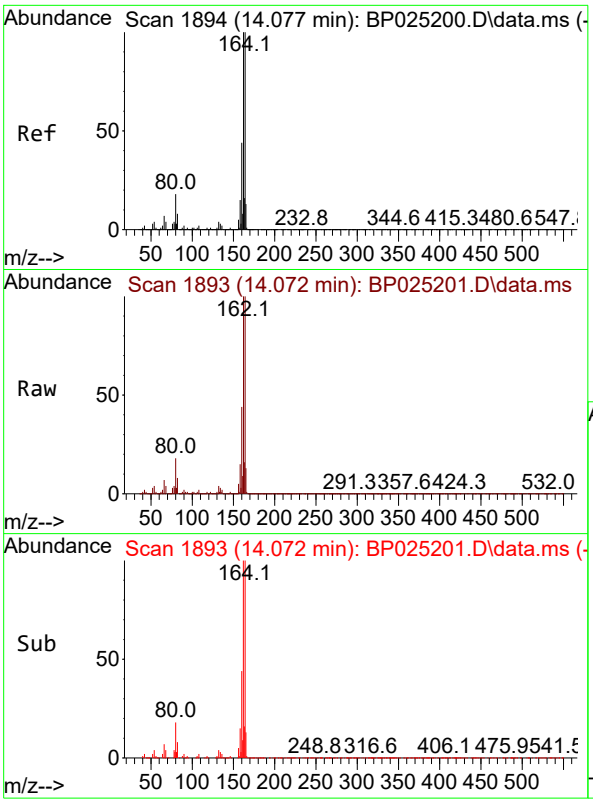



#38
1-Methylnaphthalene
Concen: 51.546 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 4608074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |

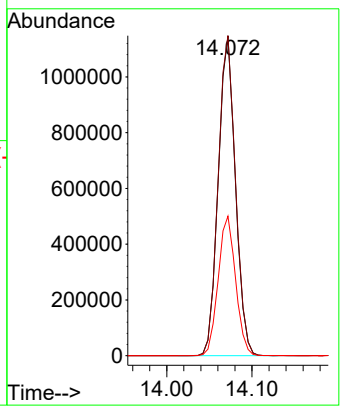





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:164 Resp: 160400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.3 | 120.5 |
| 160 | 43.6 | 35.7 | 53.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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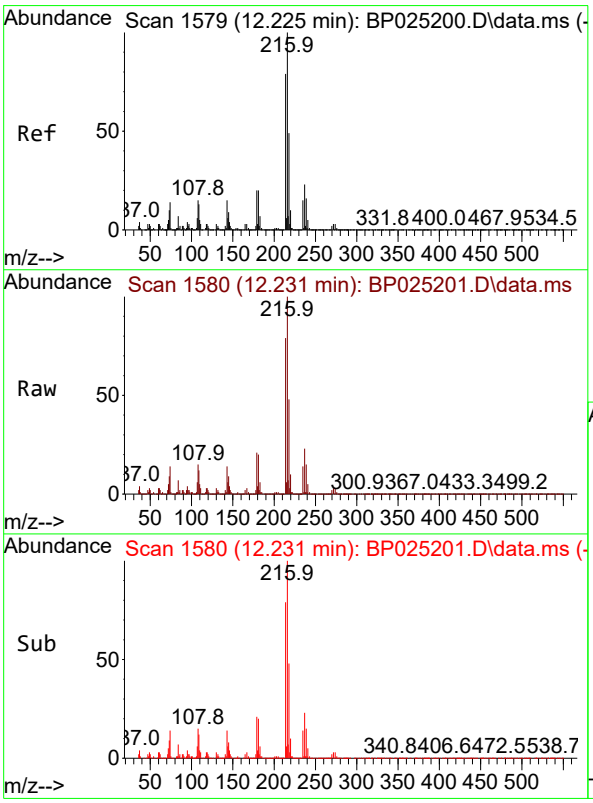
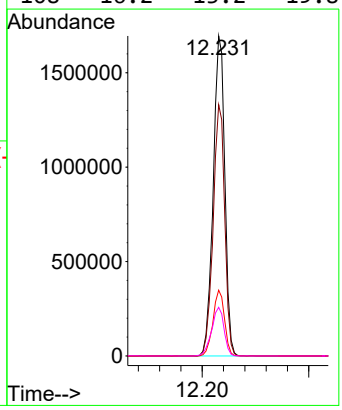
Supervised By :Jagrut Upadhyay 07/22/2025

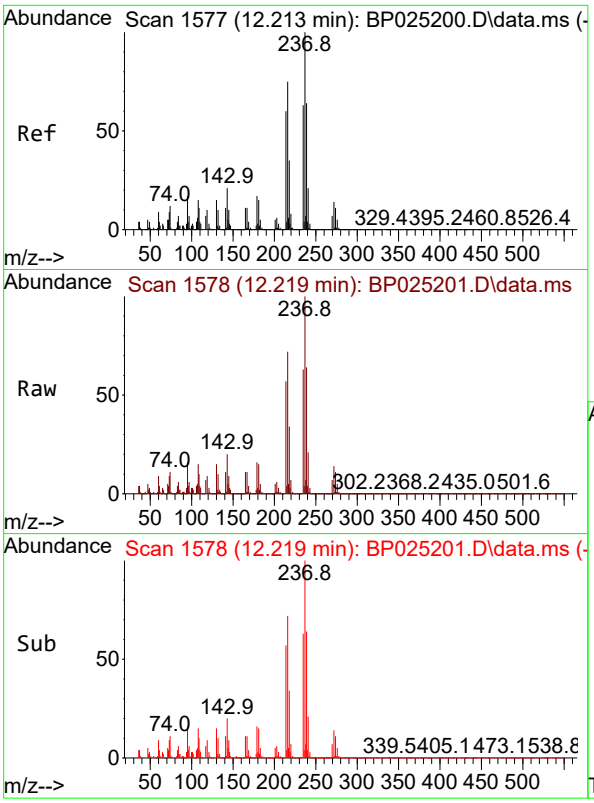



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:216 Resp: 2560877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.2 | 13.2 | 19.8 |

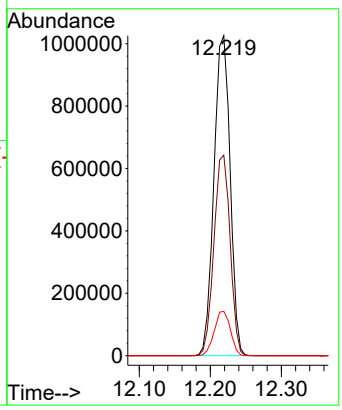





#41
Hexachlorocyclopentadiene
Concen: 58.674 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:237 Resp: 161618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 42.7 | 82.7 |
| 272 | 13.9 | 0.0 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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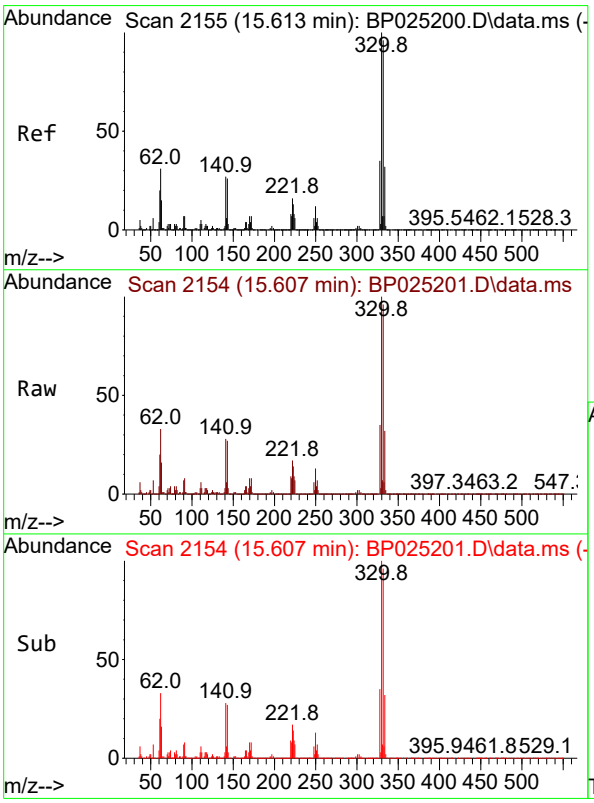
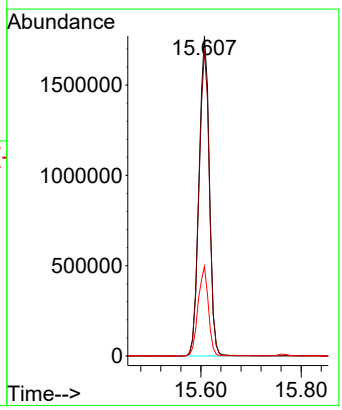
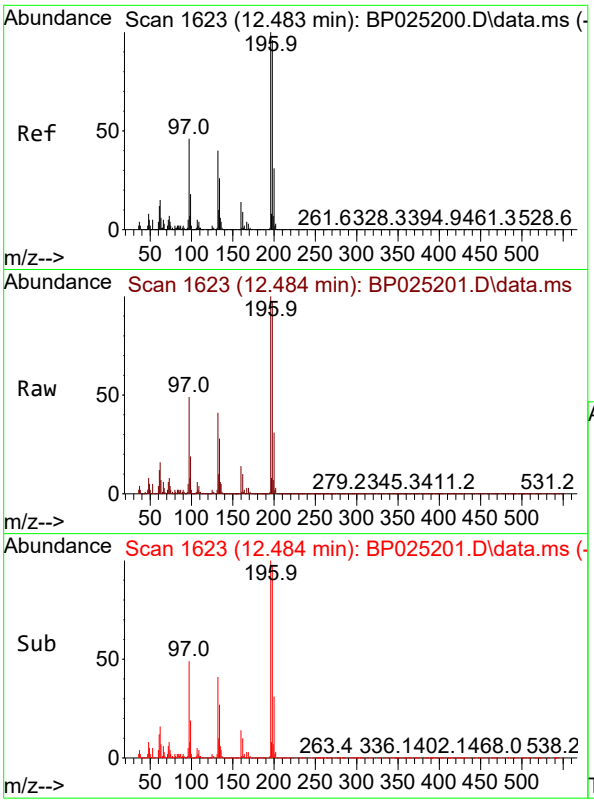



#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:330 Resp: 2533319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.1 | 115.7 |
| 141 | 27.6 | 22.4 | 33.6 |

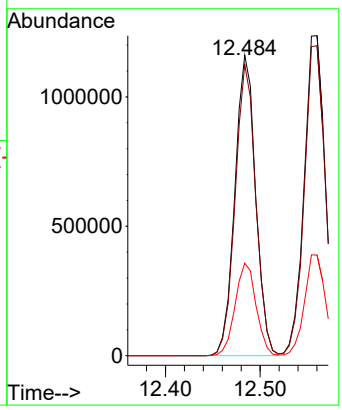





#43
2,4,6-Trichlorophenol
Concen: 53.947 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 177061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 76.6 | 114.8 |
| 200 | 30.8 | 24.7 | 37.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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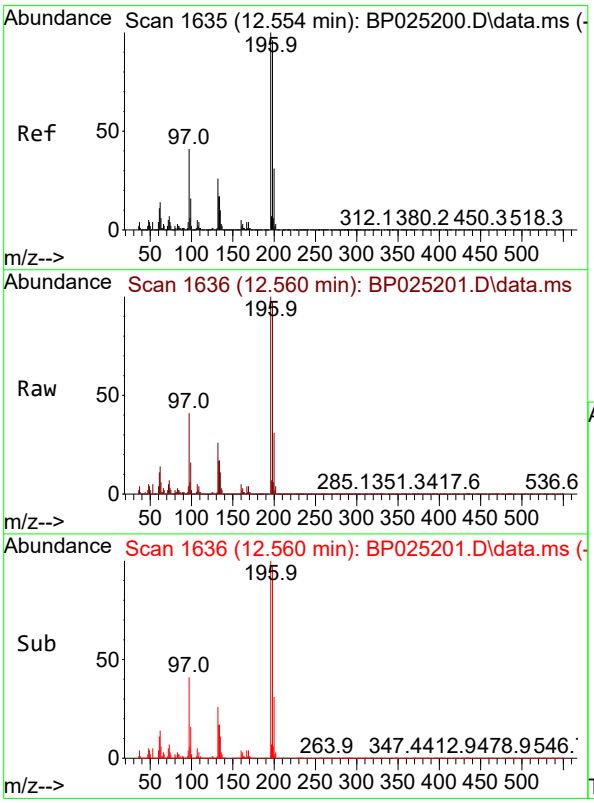
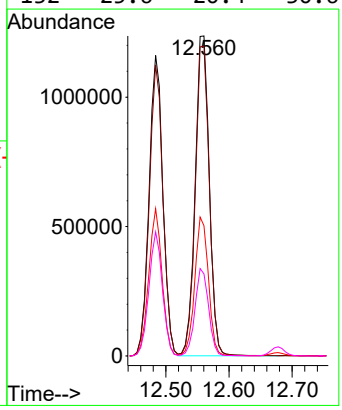
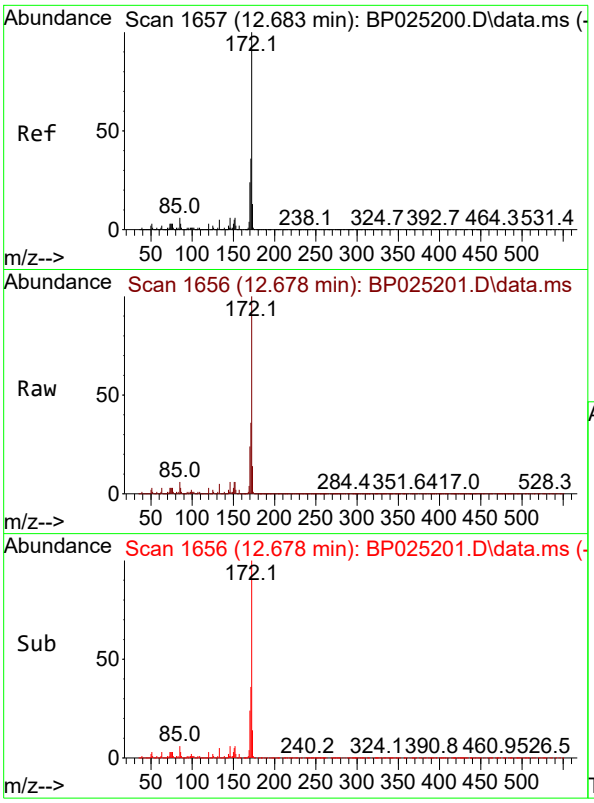



#44
2,4,5-Trichlorophenol
Concen: 53.026 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 1918353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.7 | 115.1 |
| 97 | 40.7 | 33.0 | 49.4 |
| 132 | 25.6 | 20.4 | 30.6 |

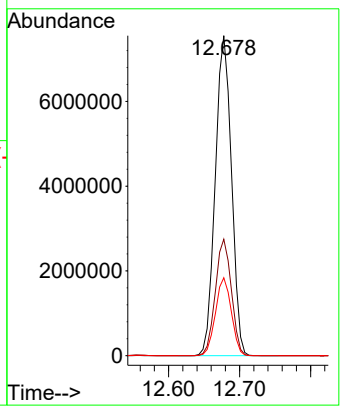





#45
2-Fluorobiphenyl
Concen: 98.364 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:172 Resp:1191755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.8 | 43.2 |
| 170 | 24.3 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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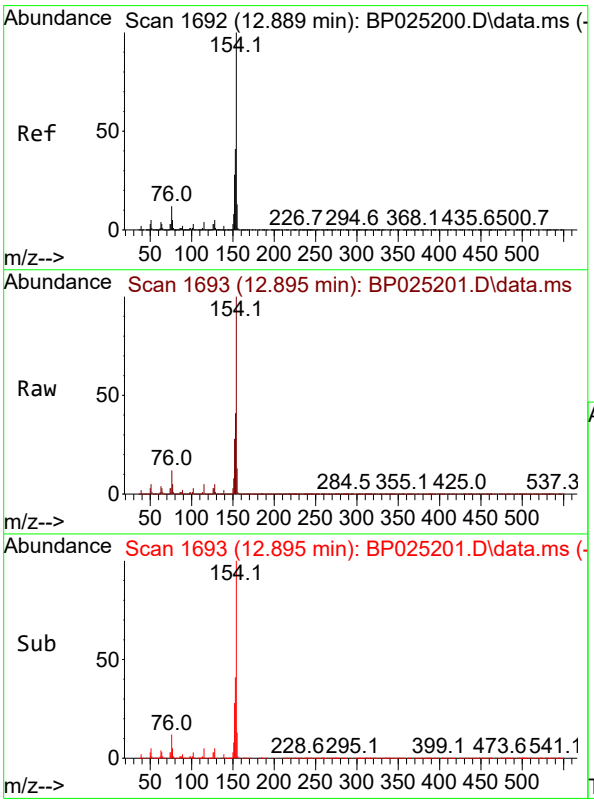
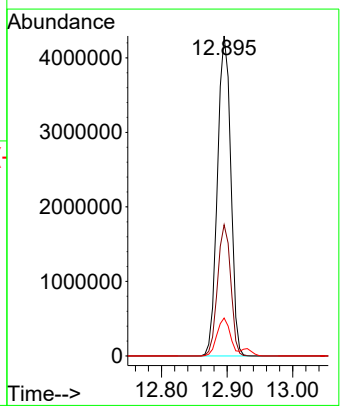
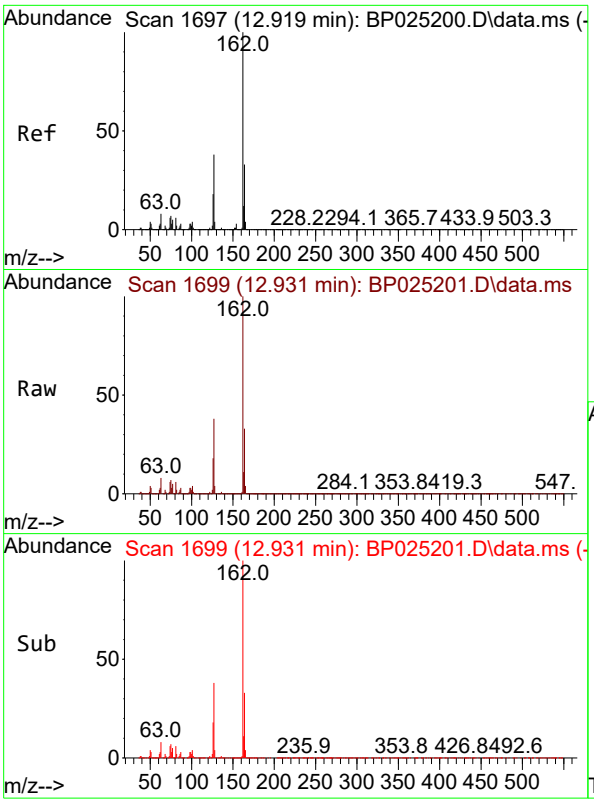



#46
1,1'-Biphenyl
Concen: 50.798 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 6024880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |

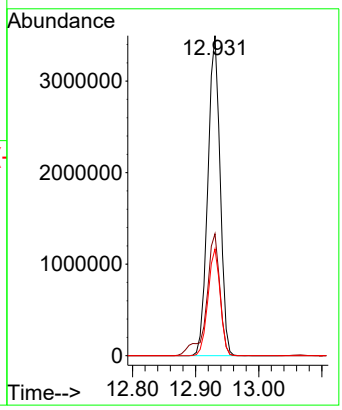





#47
2-Chloronaphthalene
Concen: 51.398 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:162 Resp: 472291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.1 | 45.1 |
| 164 | 33.4 | 26.5 | 39.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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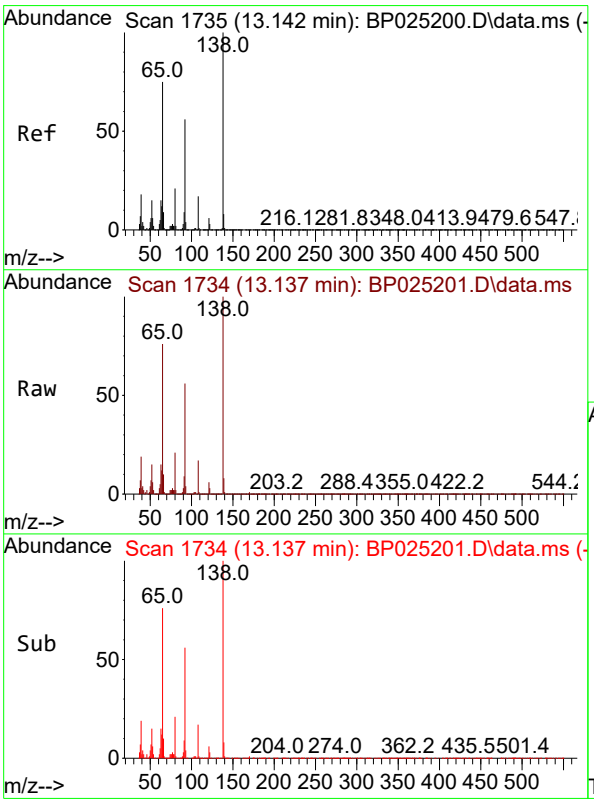
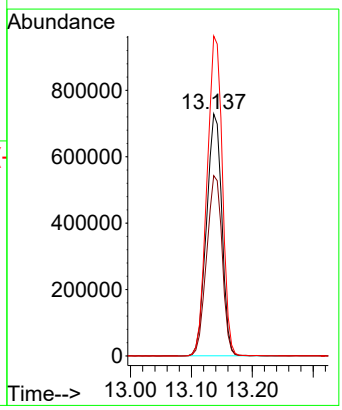
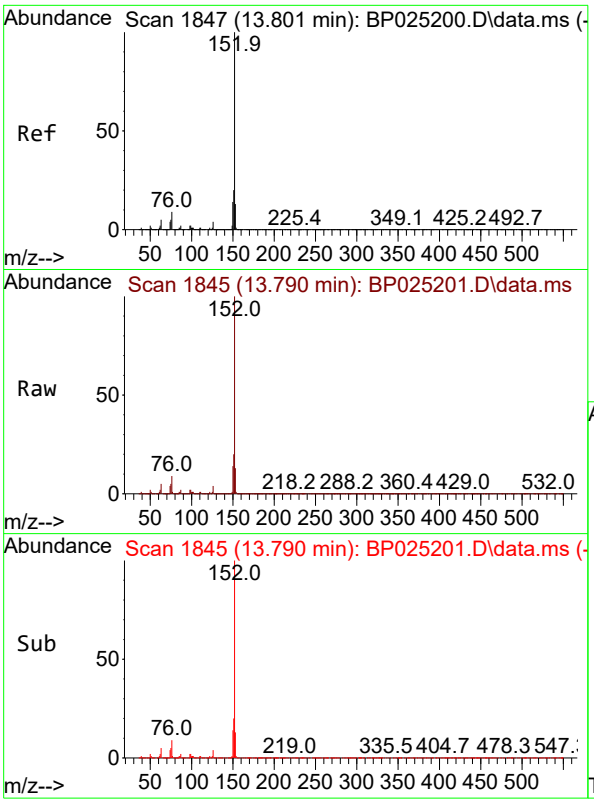



#48
2-Nitroaniline
Concen: 55.436 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 65 Resp: 1277778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.5 | 59.9 | 89.9 |
| 138 | 132.2 | 107.1 | 160.7 |

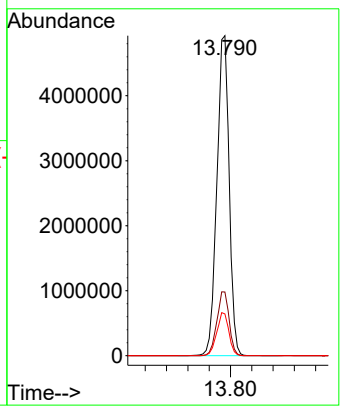





#49
Acenaphthylene
Concen: 52.119 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:152 Resp: 785326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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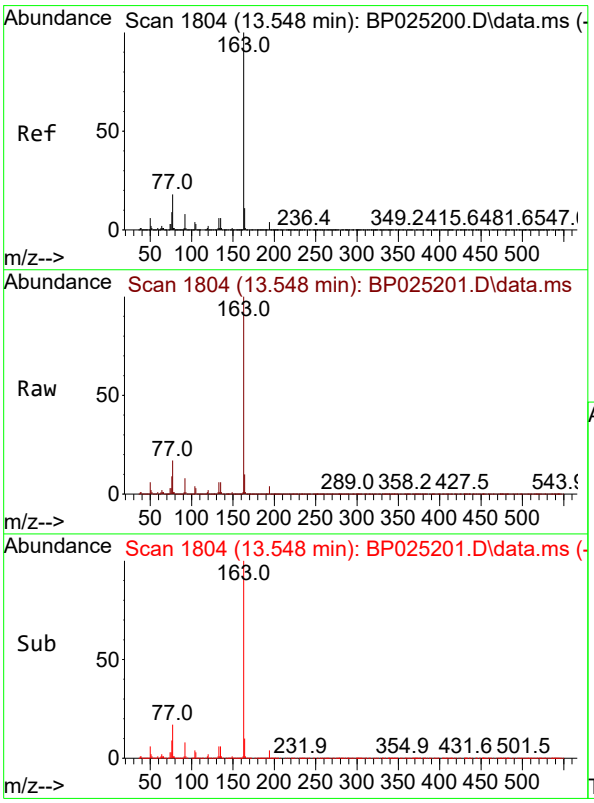
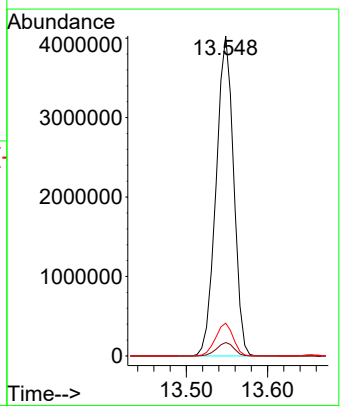
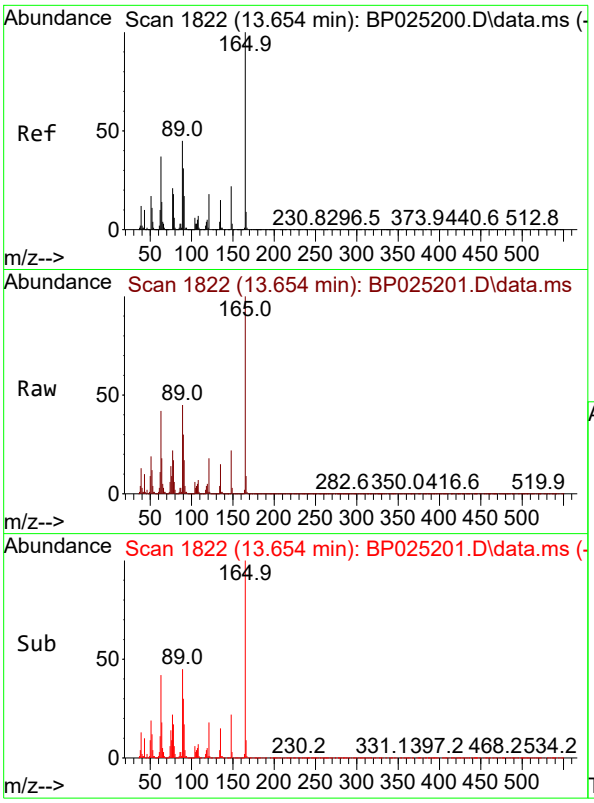



#50
Dimethylphthalate
Concen: 51.655 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:163 Resp: 6045361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |

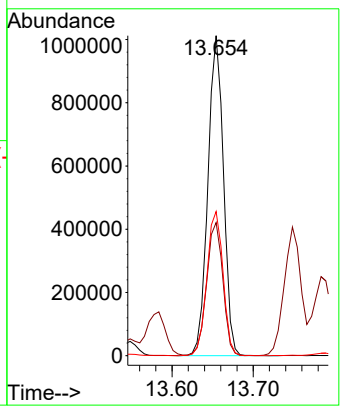





#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:165 Resp: 134524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.6 | 33.4 | 50.2 |
| 89 | 45.1 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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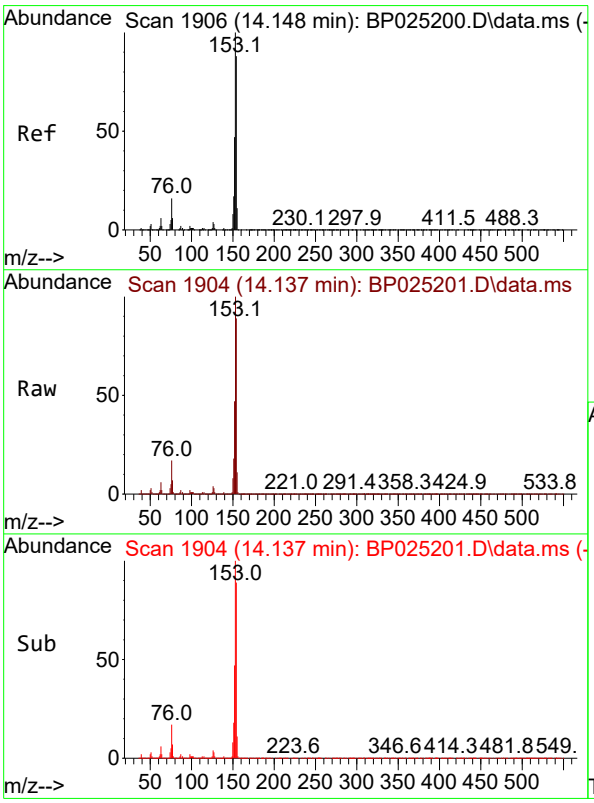
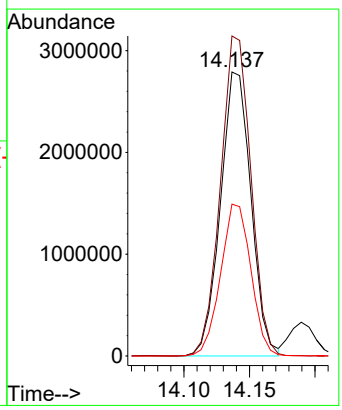
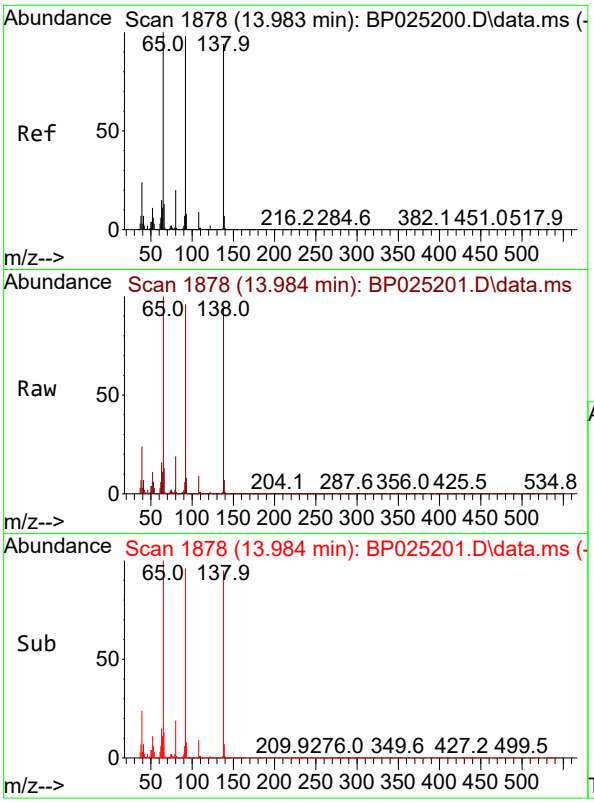



#52
Acenaphthene
Concen: 52.046 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 4517722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.7 | 136.1 |
| 152 | 53.5 | 42.9 | 64.3 |

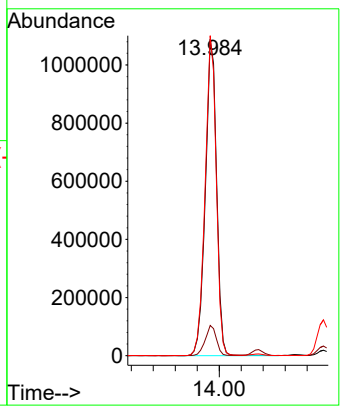





#53
3-Nitroaniline
Concen: 55.030 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 153822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 7.5 | 11.3 |
| 92 | 101.1 | 83.2 | 124.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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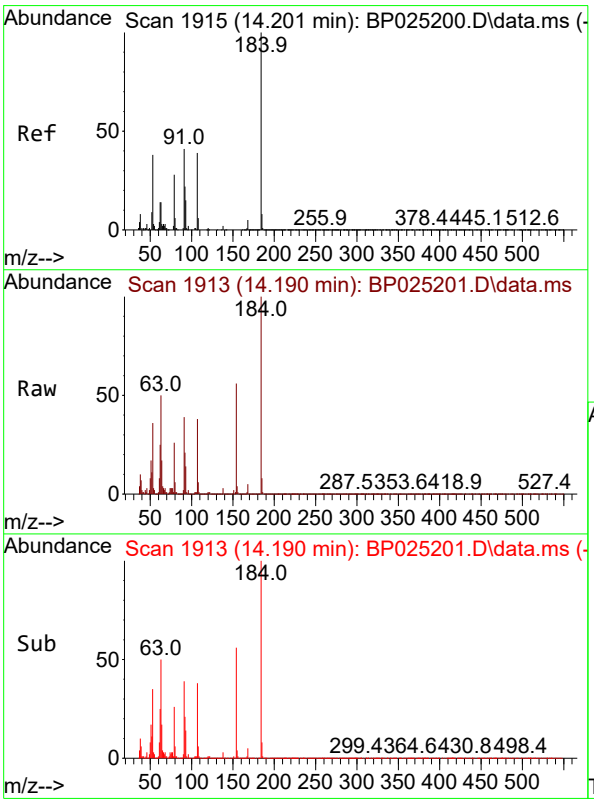
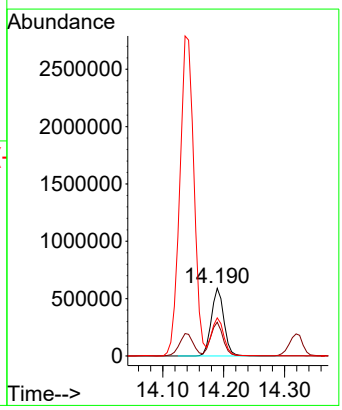
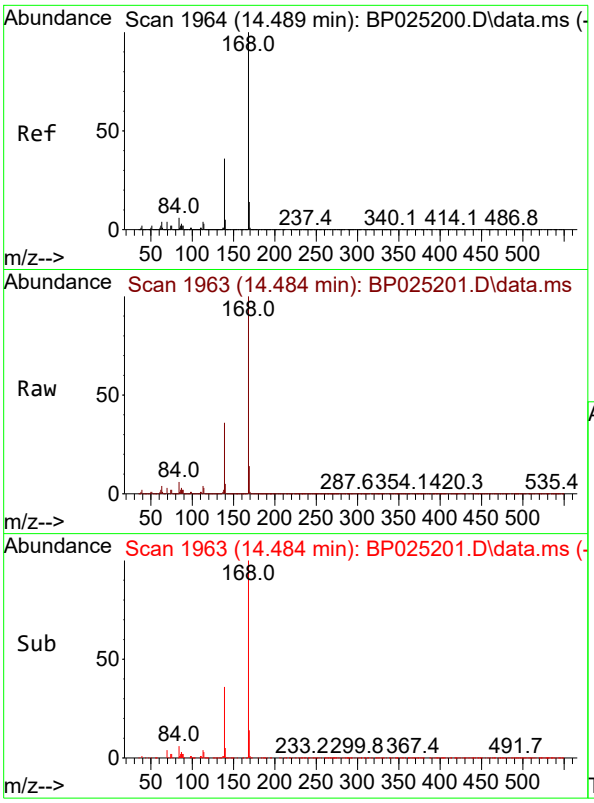



#54
2,4-Dinitrophenol
Concen: 60.917 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 845681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.1 | 41.8 | 62.8 |
| 154 | 56.3 | 45.7 | 68.5 |

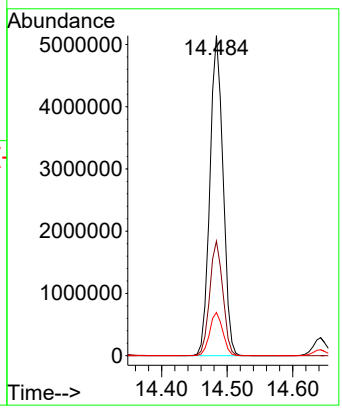





#55
Dibenzofuran
Concen: 50.912 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:168 Resp: 715519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.8 | 28.7 | 43.1 |
| 169 | 13.5 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

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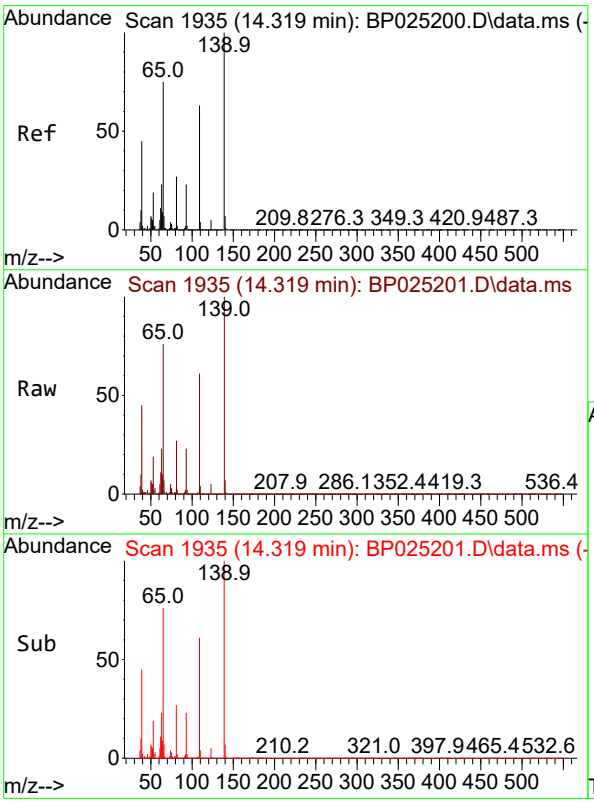
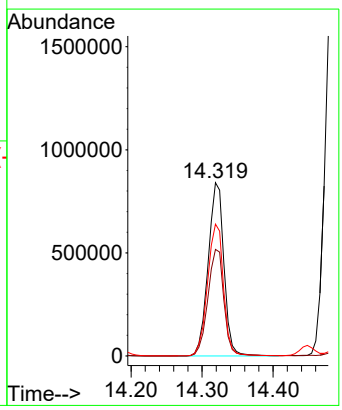
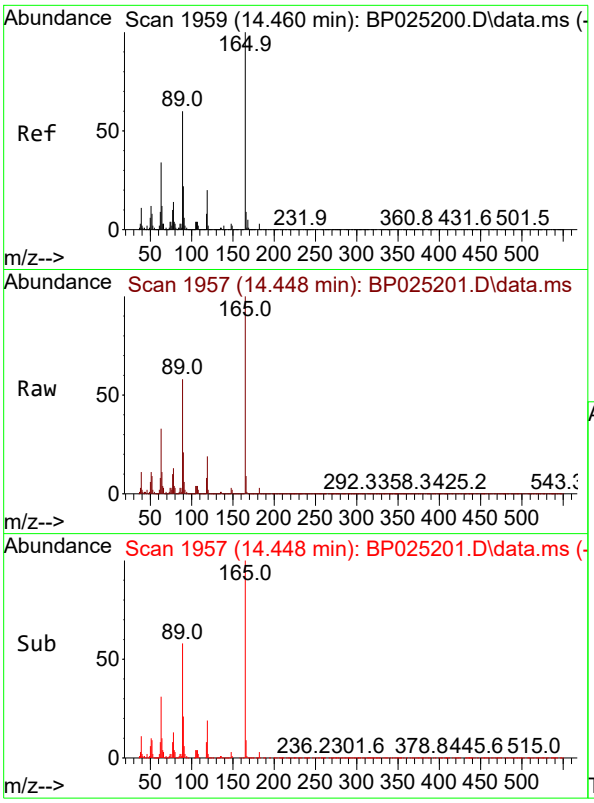



#56
4-Nitrophenol
Concen: 54.419 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1296281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.5 | 42.6 | 82.6 |
| 65 | 76.1 | 55.4 | 95.4 |

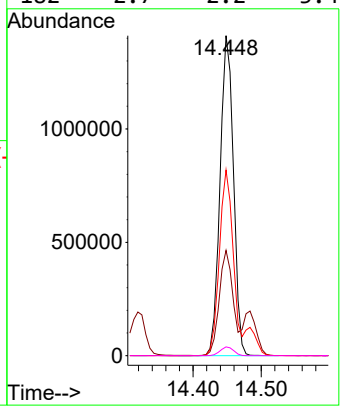





#57
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:165 Resp: 193178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.9 | 27.0 | 40.4 |
| 89 | 58.0 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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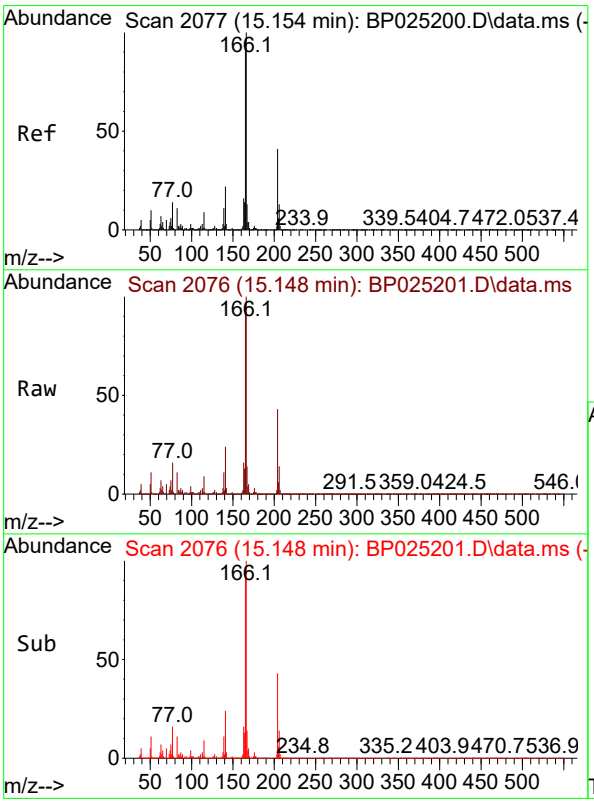
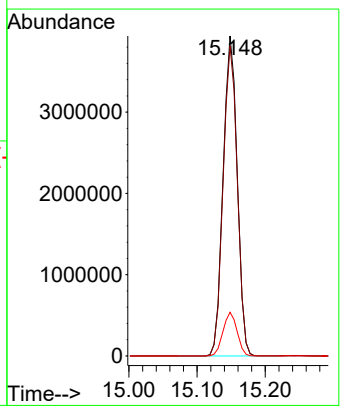
Supervised By :Jagrut Upadhyay 07/22/2025

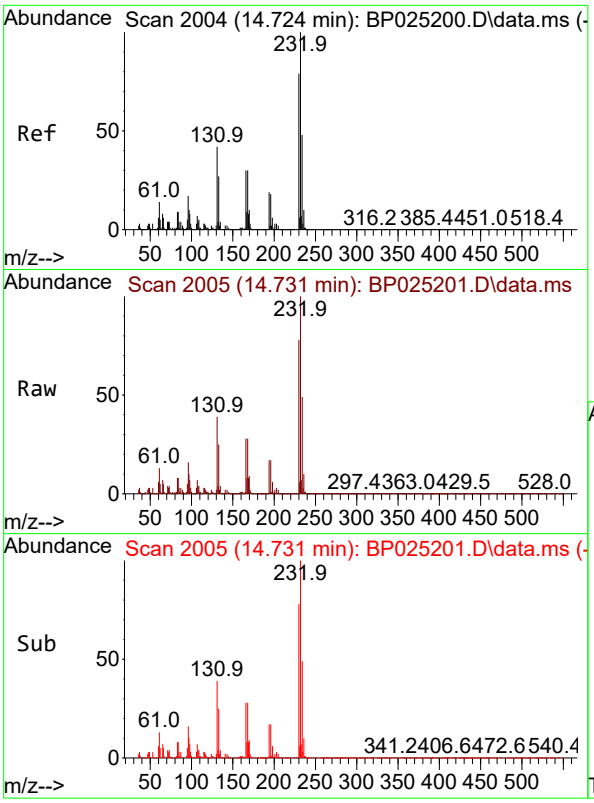



#58
Fluorene
Concen: 50.552 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:166 Resp: 5666693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |

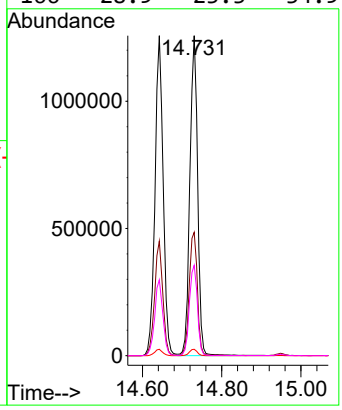





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.430 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:232 Resp: 171111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 28.9 | 23.3 | 34.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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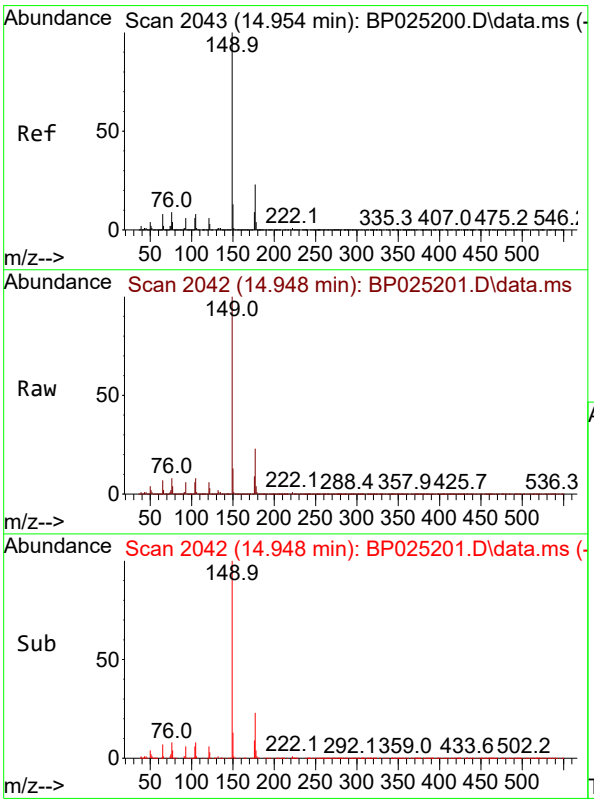
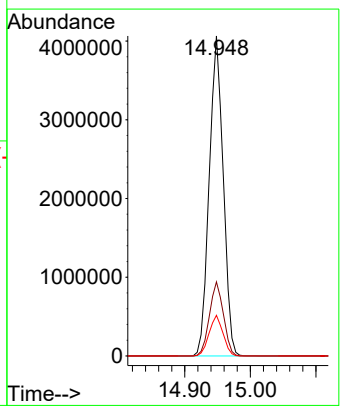
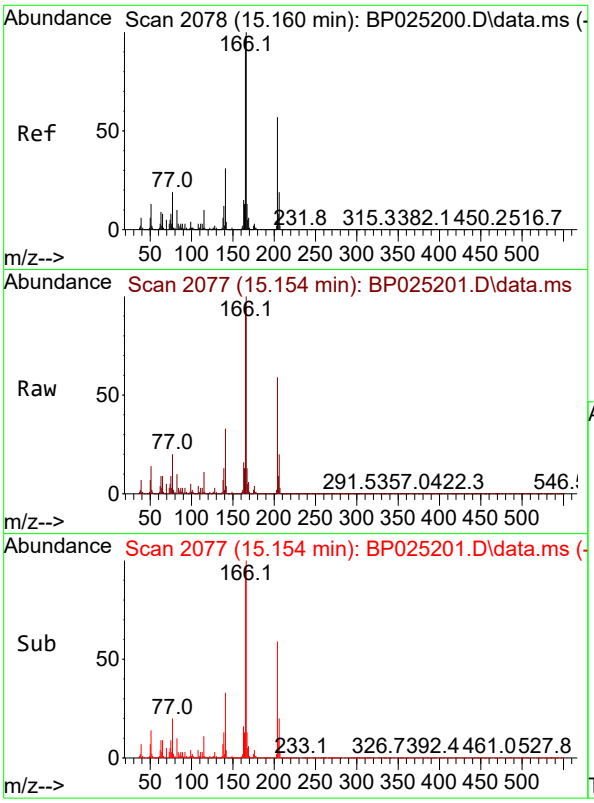



#60
Diethylphthalate
Concen: 52.170 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 6032748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.4 | 27.6 |
| 150 | 12.7 | 10.0 | 15.0 |

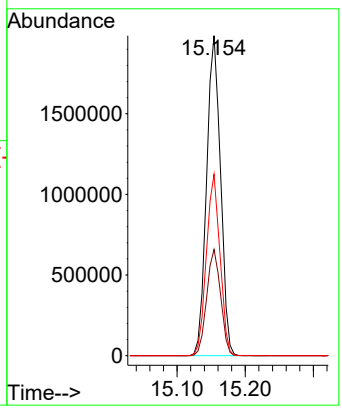





#61
4-Chlorophenyl-phenylether
Concen: 49.953 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:204 Resp: 282238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.3 | 39.5 |
| 141 | 56.7 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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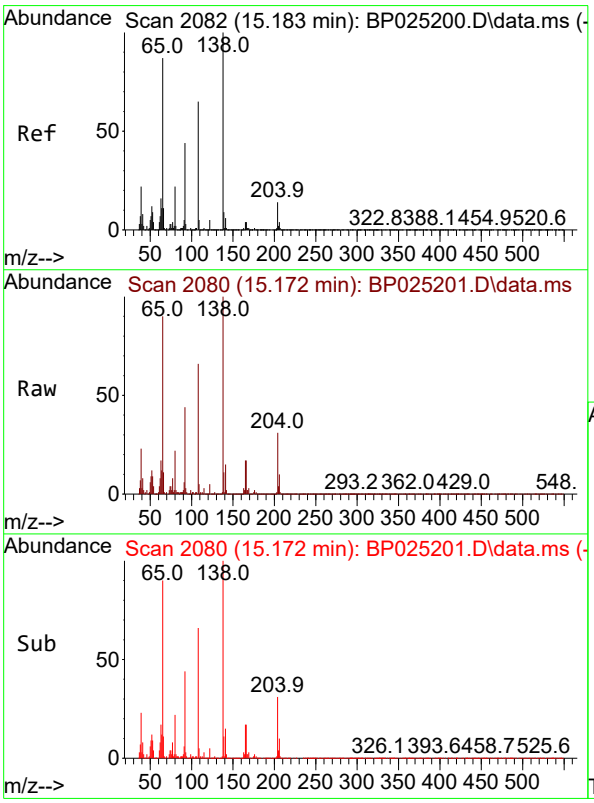
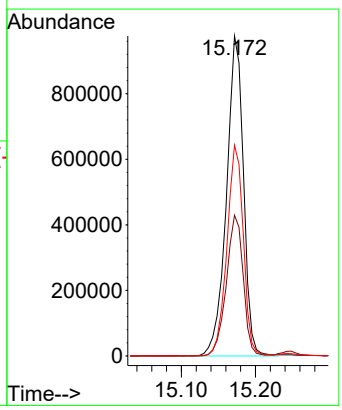
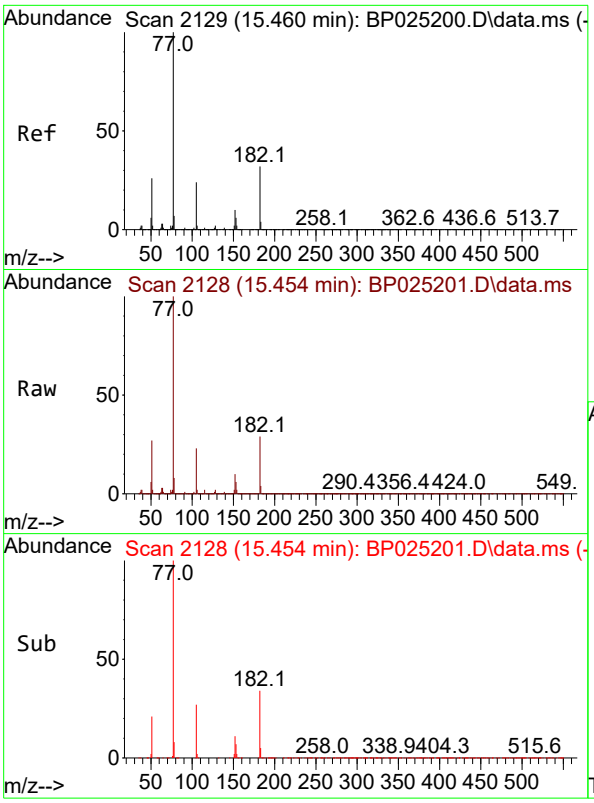



#62
4-Nitroaniline
Concen: 54.694 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 1557916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.0 | 24.0 | 64.0 |
| 108 | 65.9 | 44.9 | 84.9 |

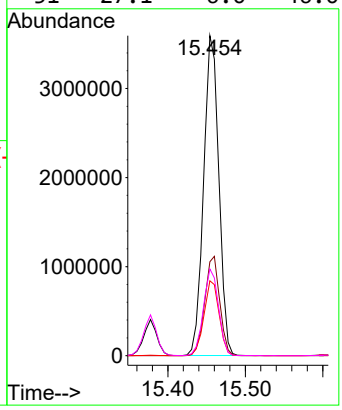





#63
Azobenzene
Concen: 52.623 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 488797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.4 | 12.0 | 52.0 |
| 105 | 23.4 | 3.6 | 43.6 |
| 51 | 27.1 | 6.0 | 46.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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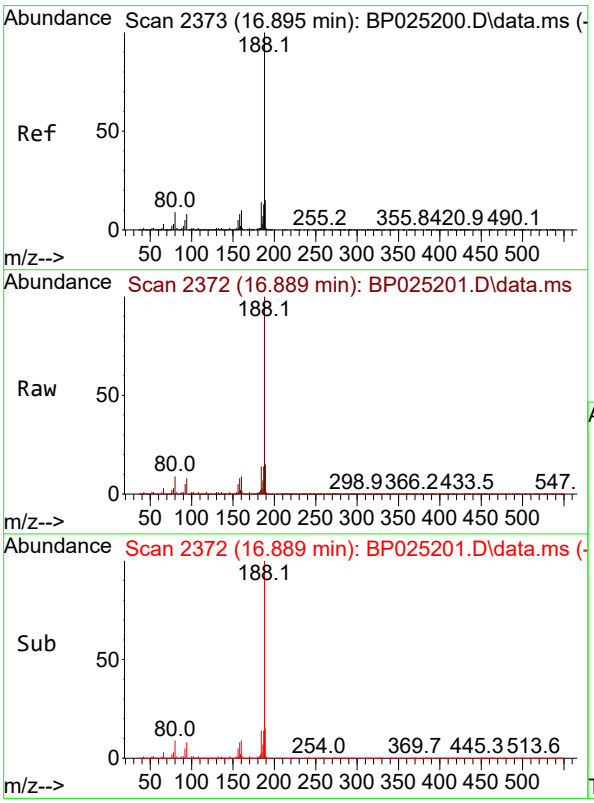
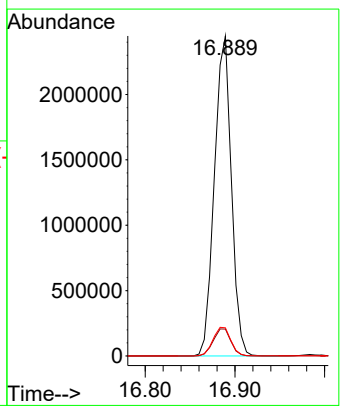
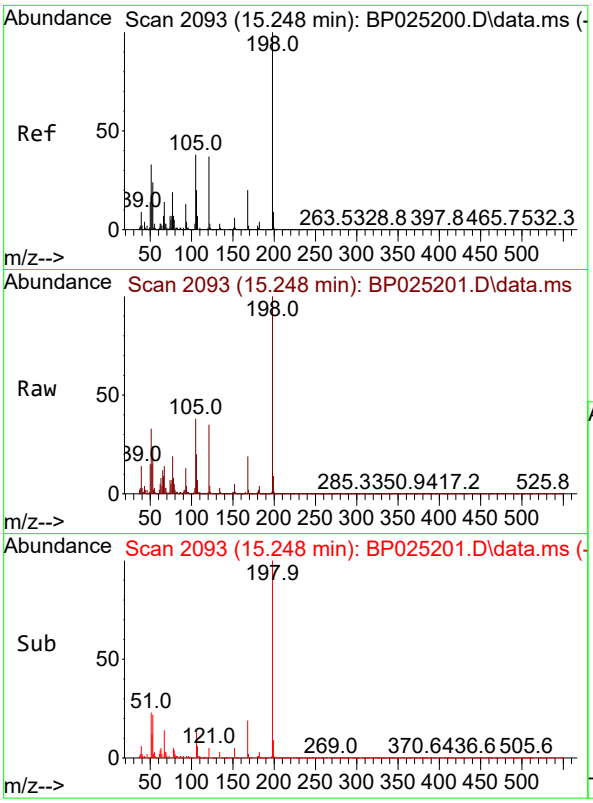



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:188 Resp: 3210937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |






#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:198 Resp: 116597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.9 | 14.6 | 54.6 |
| 105 | 38.1 | 18.3 | 58.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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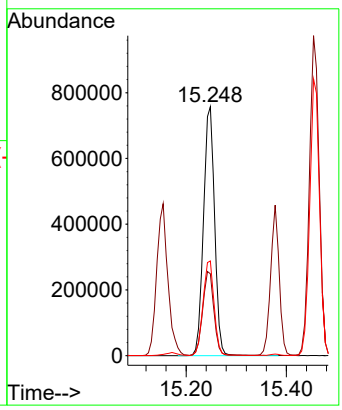
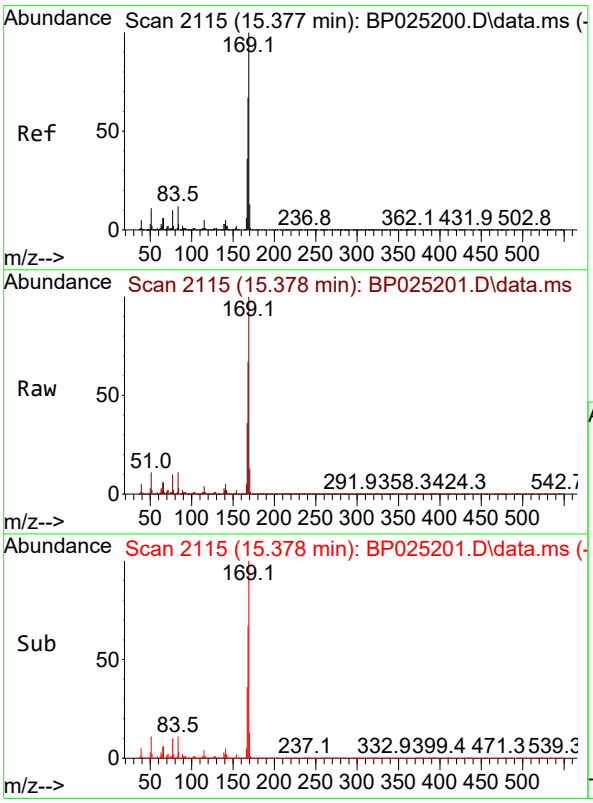
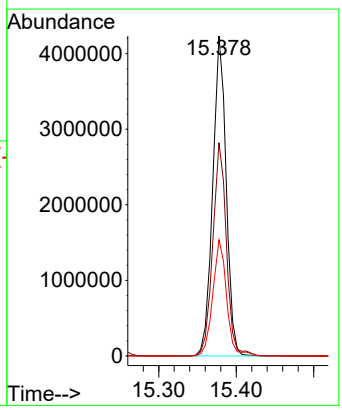


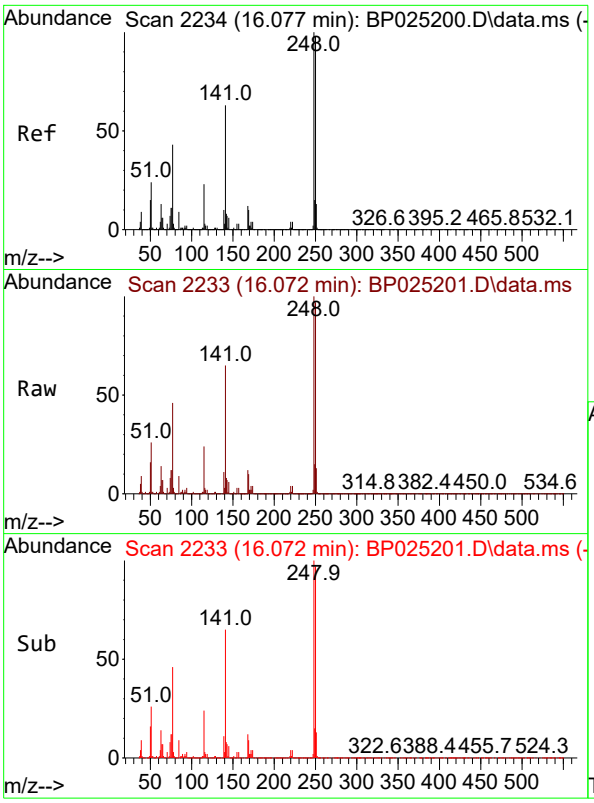




#66
n-Nitrosodiphenylamine
Concen: 50.889 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:169 Resp: 5088804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |

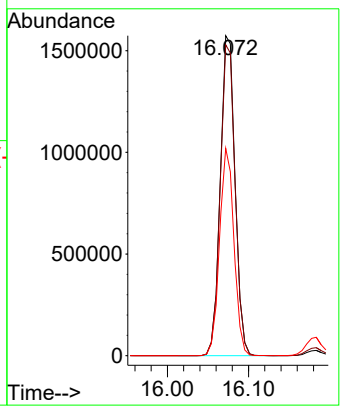





#67
4-Bromophenyl-phenylether
Concen: 52.573 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:248 Resp: 199033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 78.5 | 117.7 |
| 141 | 64.8 | 50.5 | 75.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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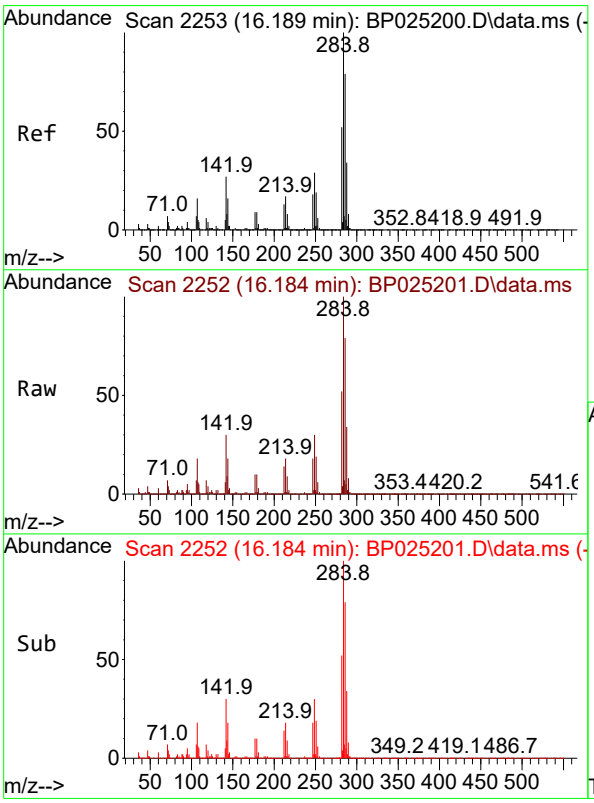
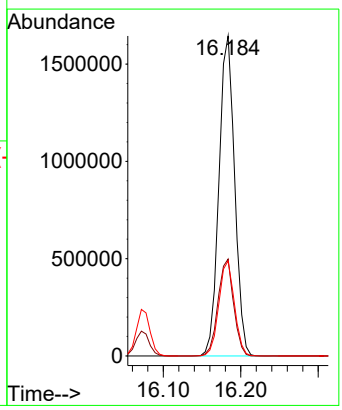
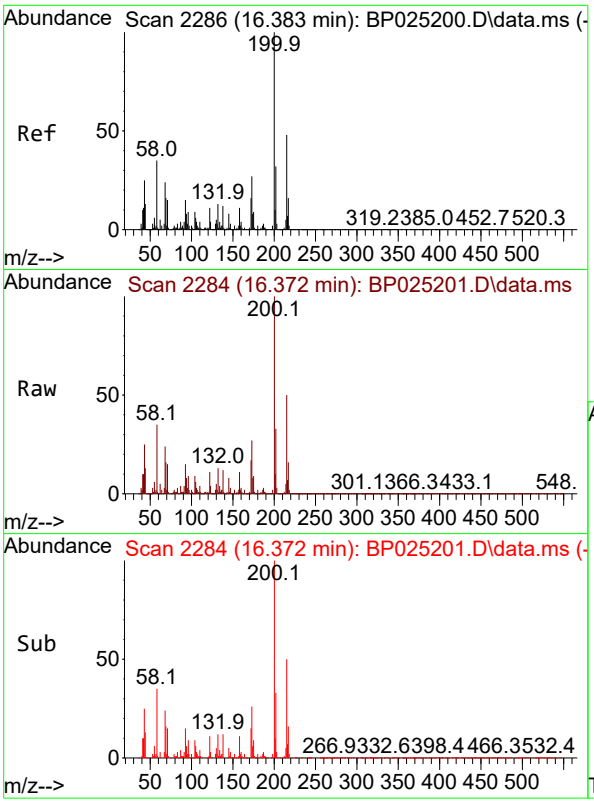



#68
Hexachlorobenzene
Concen: 51.350 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:284 Resp: 2321405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.3 | 21.5 | 32.3 |
| 249 | 29.7 | 23.4 | 35.0 |

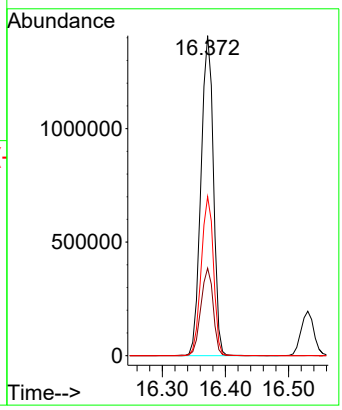





#69
Atrazine
Concen: 52.693 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:200 Resp: 192061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 7.4 | 47.4 |
| 215 | 49.7 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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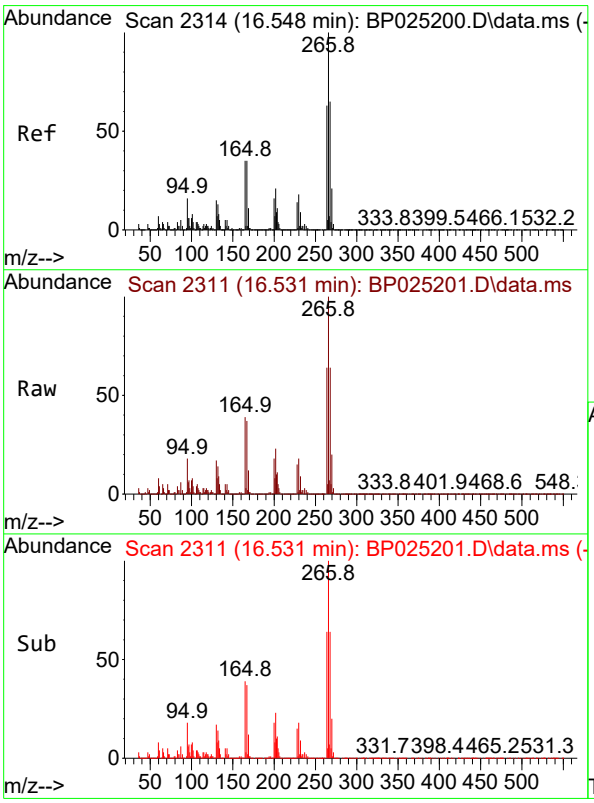
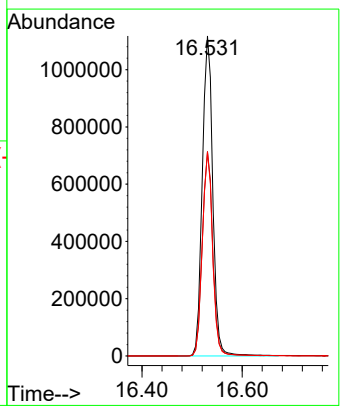
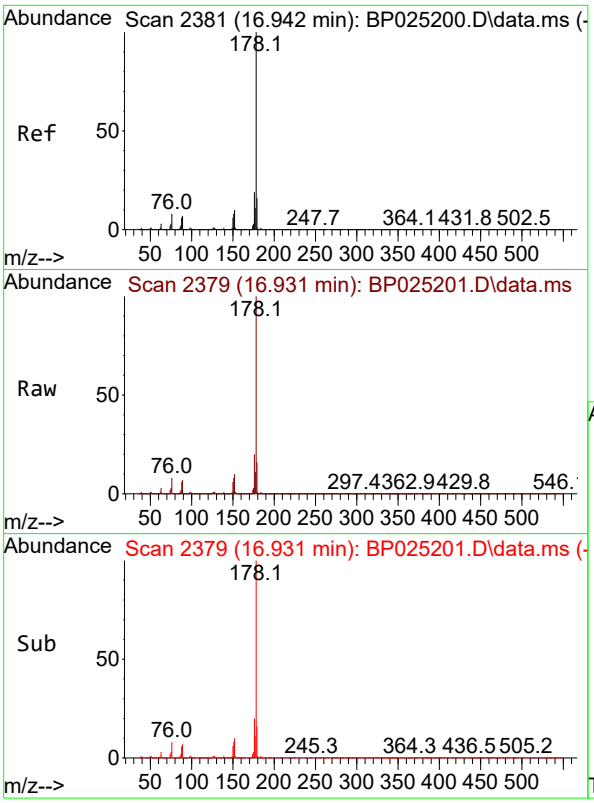



#70
Pentachlorophenol
Concen: 54.041 ng
RT: 16.531 min Scan# 2311
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:266 Resp: 1626155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.8 | 77.6 |
| 264 | 63.8 | 50.3 | 75.5 |

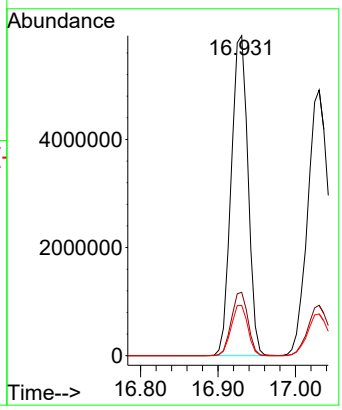





#71
Phenanthrene
Concen: 49.912 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 892992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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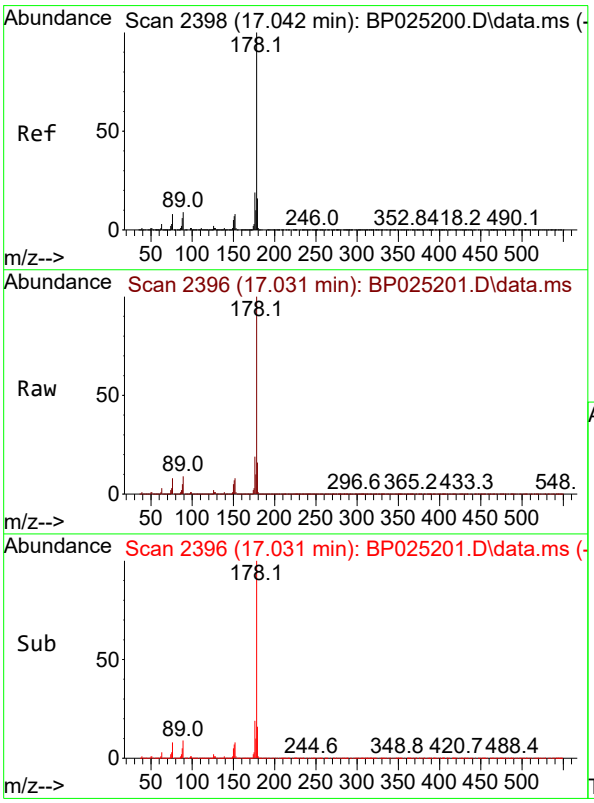
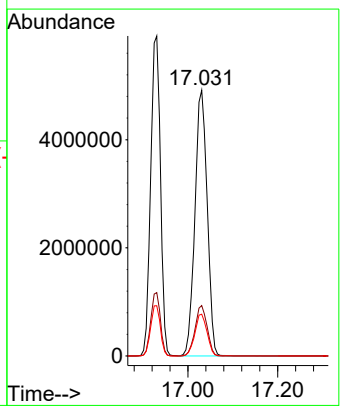
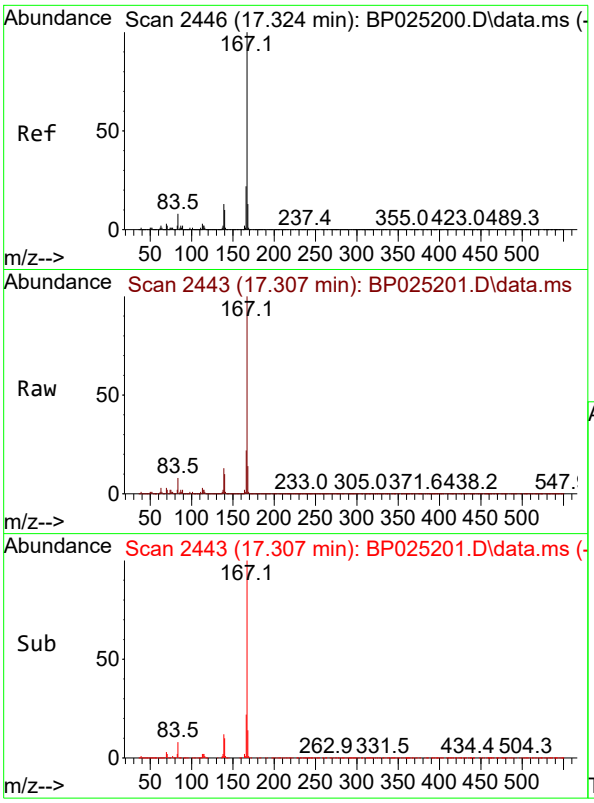



#72
Anthracene
Concen: 51.310 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 9319174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |

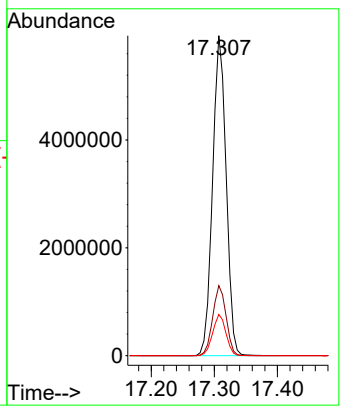





#73
Carbazole
Concen: 51.147 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:167 Resp: 883881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.3 | 25.9 |
| 139 | 12.9 | 10.1 | 15.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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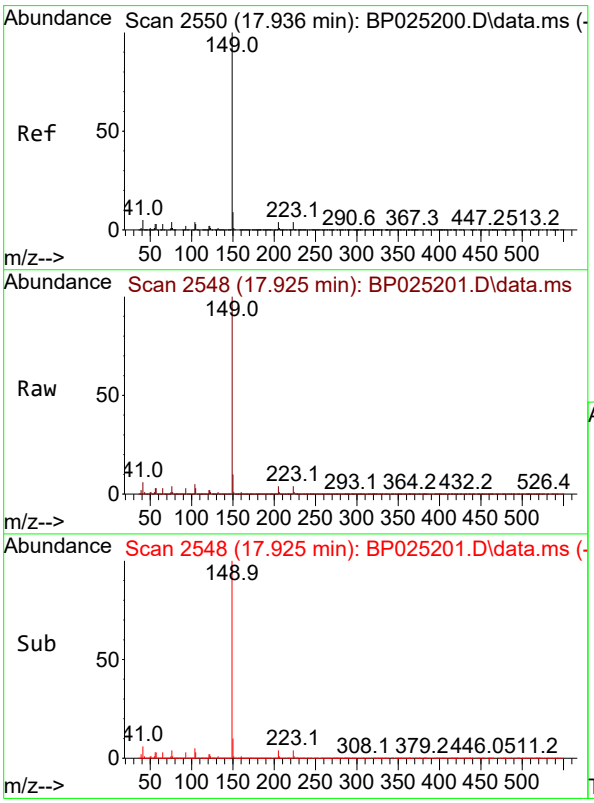
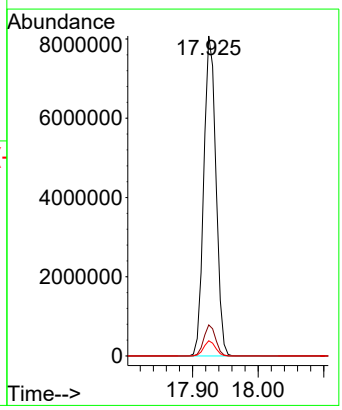
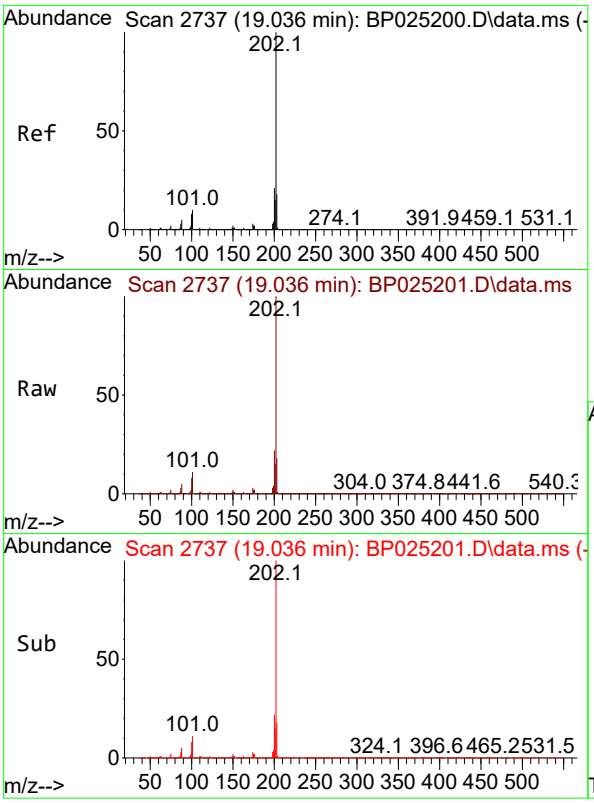



#74
Di-n-butylphthalate
Concen: 51.501 ng
RT: 17.925 min Scan# 2548
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:10436099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.6 | 11.4 |
| 104 | 4.7 | 3.5 | 5.3 |

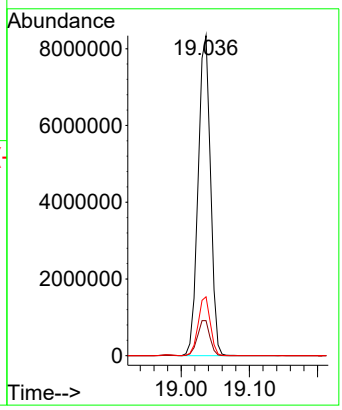





#75
Fluoranthene
Concen: 49.574 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:1048698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.3 |
| 203 | 18.4 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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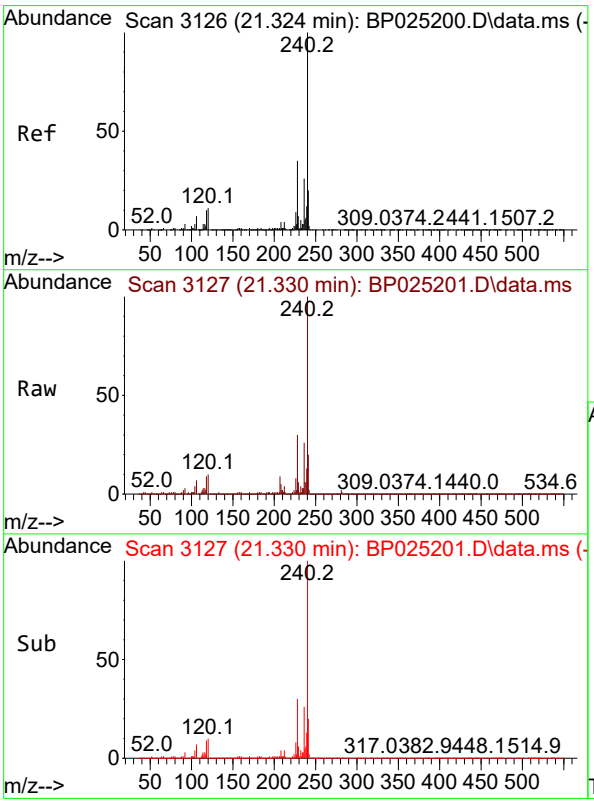
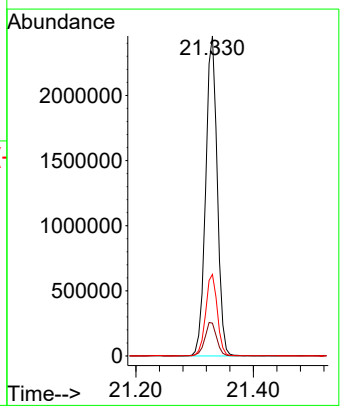
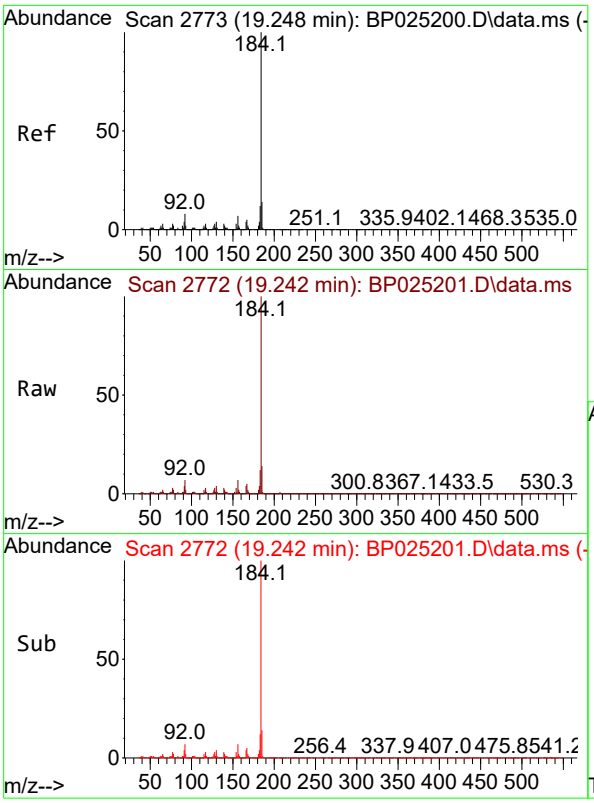



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:240 Resp: 3337112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |

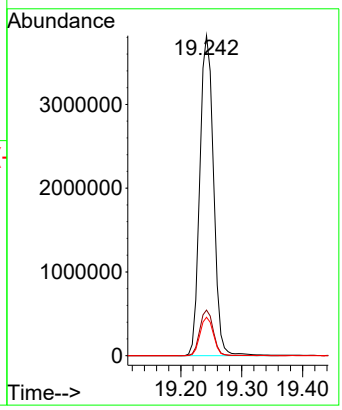





#77
Benzidine
Concen: 46.861 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 597357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.5 | 17.3 |
| 183 | 12.0 | 9.6 | 14.4 |




**Instrument :**
BNA_P
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SSTDICC050

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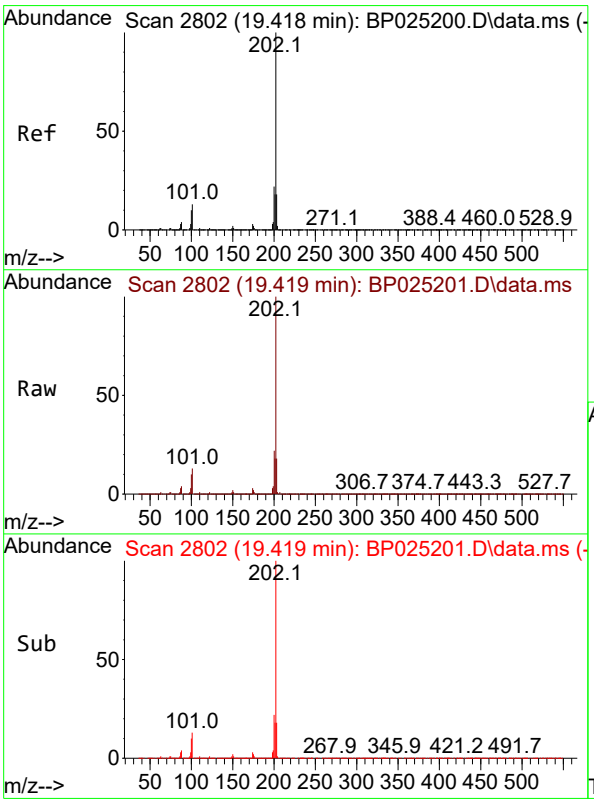
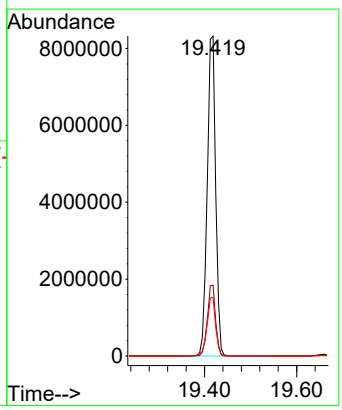
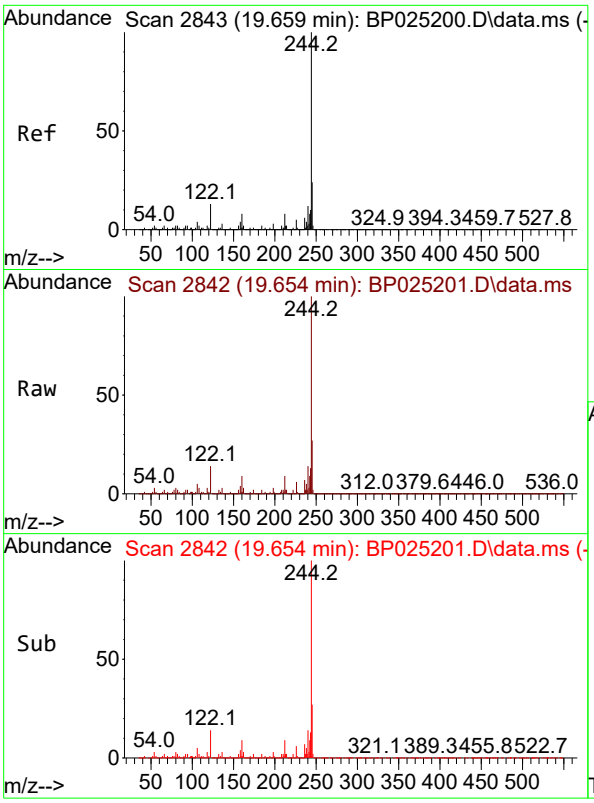



#78
Pyrene
Concen: 50.310 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:10669709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.4 | 26.2 |
| 203 | 18.3 | 14.3 | 21.5 |

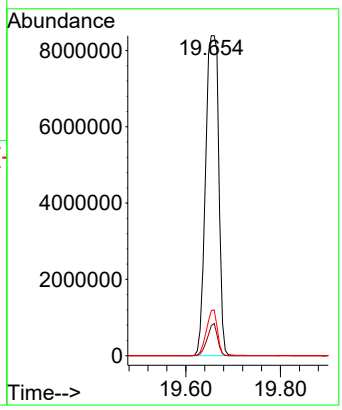





#79
Terphenyl-d14
Concen: 90.322 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:244 Resp:1613966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.4 | 6.6 | 9.8 |
| 122 | 14.1 | 10.3 | 15.5 |




**Instrument :**
BNA_P
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SSTDICC050

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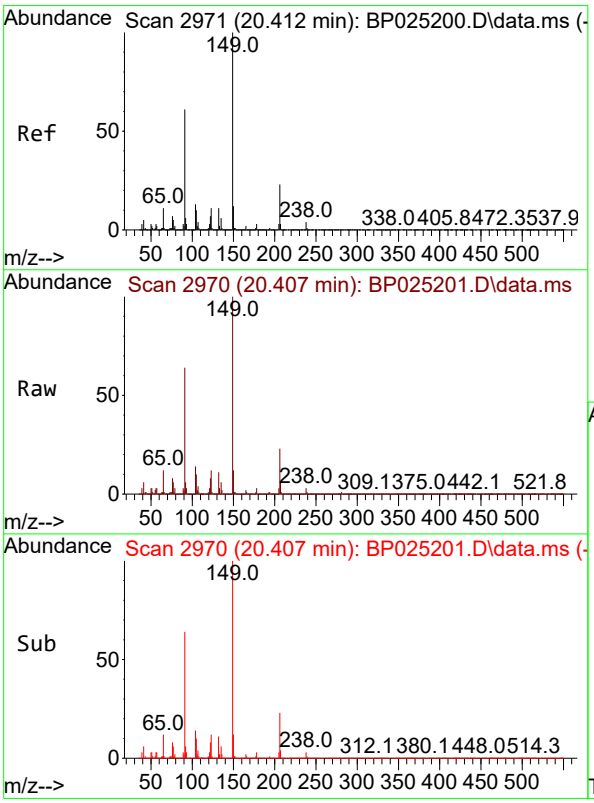
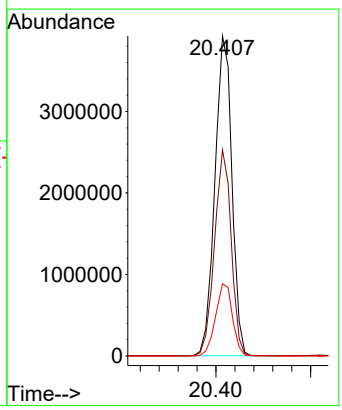
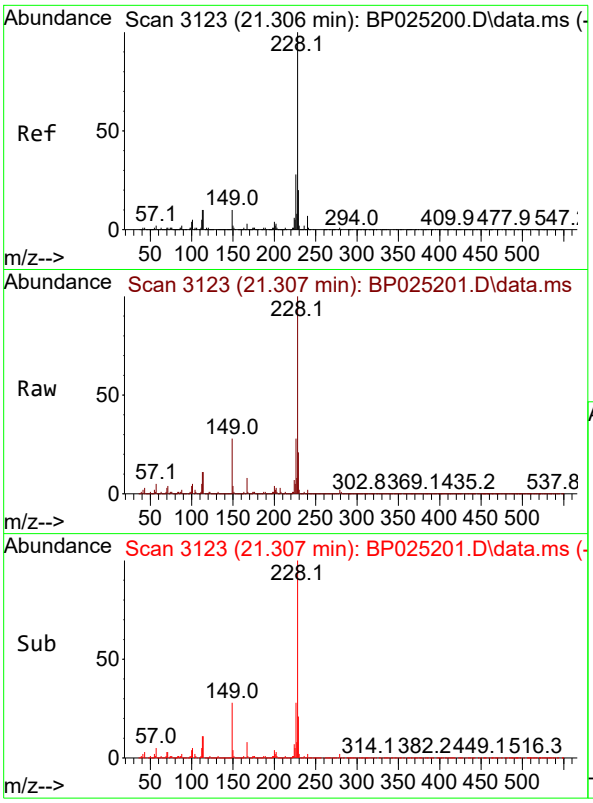



#80
Butylbenzylphthalate
Concen: 52.320 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 4896472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.4 | 48.8 | 73.2 |
| 206 | 22.6 | 18.4 | 27.6 |

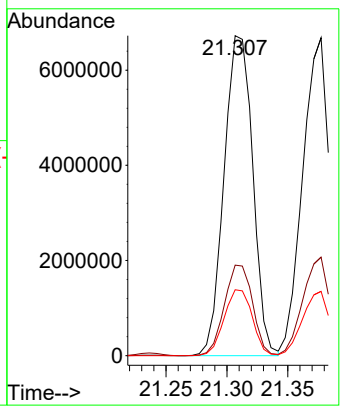





#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:228 Resp:1102765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.3 | 33.5 |
| 229 | 20.6 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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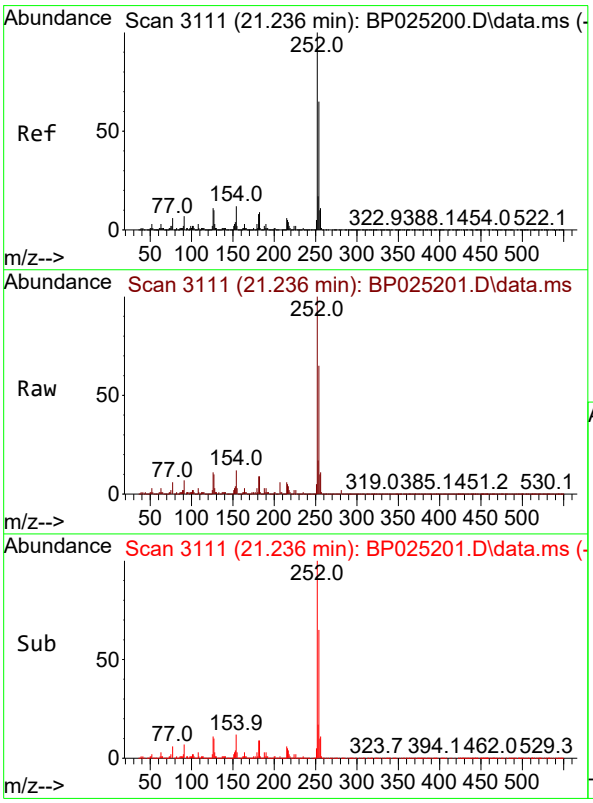
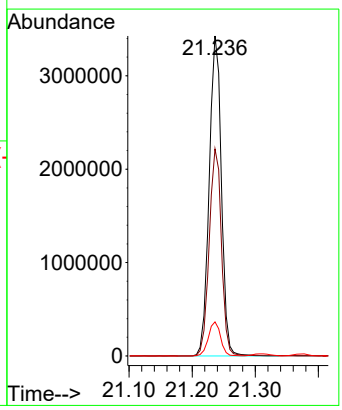
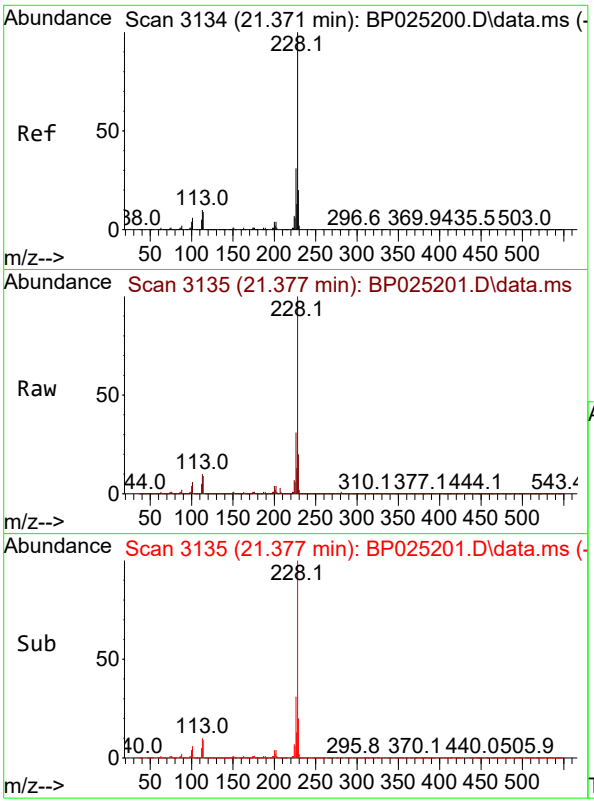



#82
3,3'-Dichlorobenzidine
Concen: 51.576 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp: 4590583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 52.1 | 78.1 |
| 126 | 10.6 | 8.6 | 12.8 |

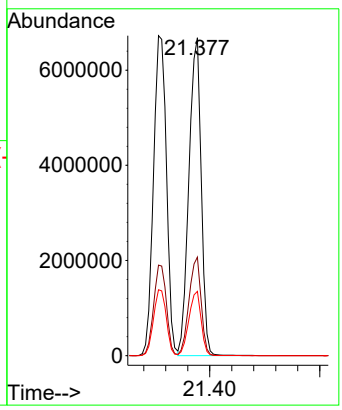





#83
Chrysene
Concen: 50.942 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:228 Resp:1031195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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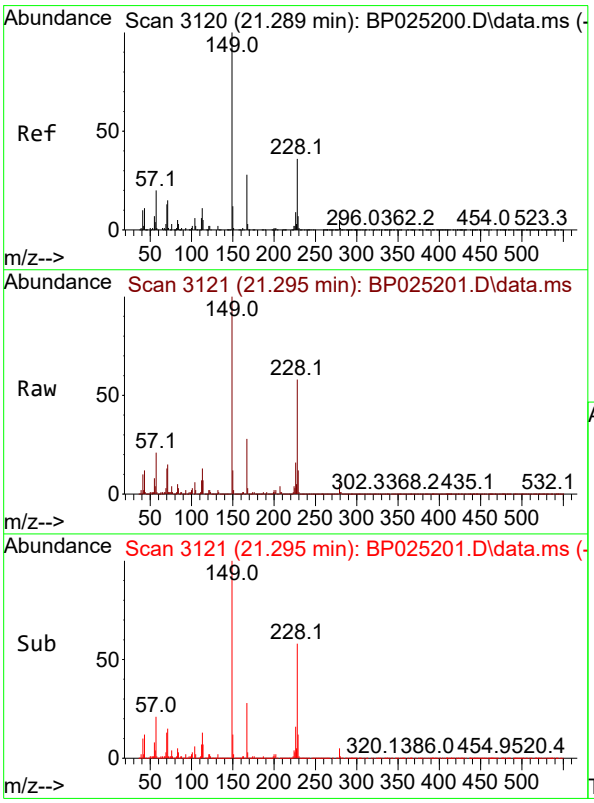
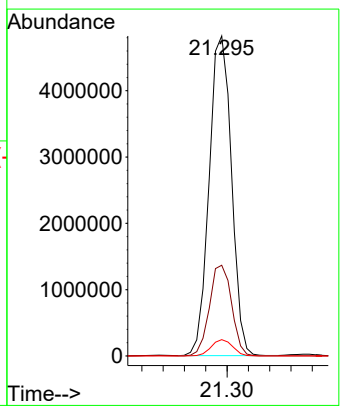
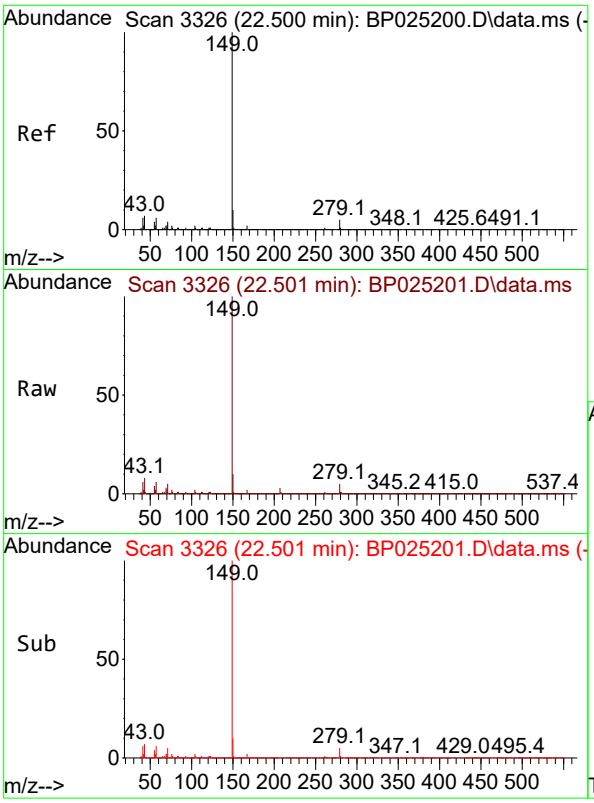



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.373 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 7009358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.6 | 34.0 |
| 279 | 5.1 | 4.0 | 6.0 |

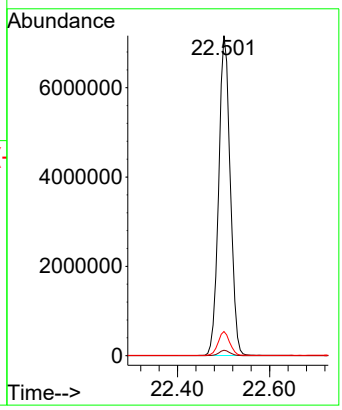





#85
Di-n-octyl phthalate
Concen: 52.335 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:1244611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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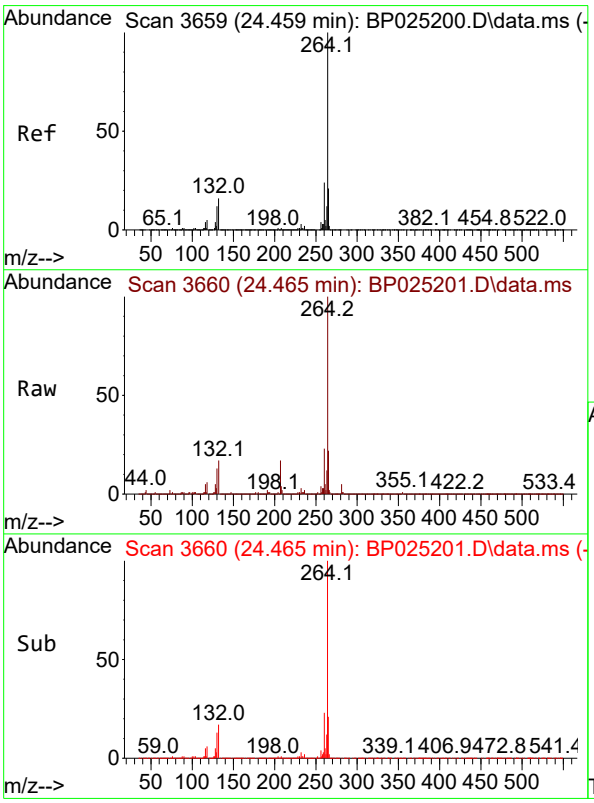
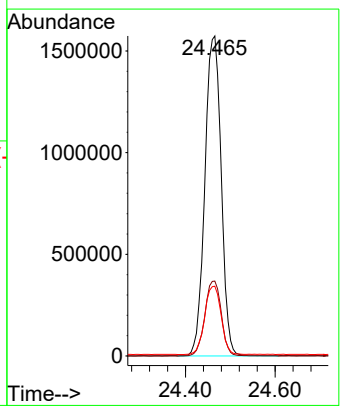
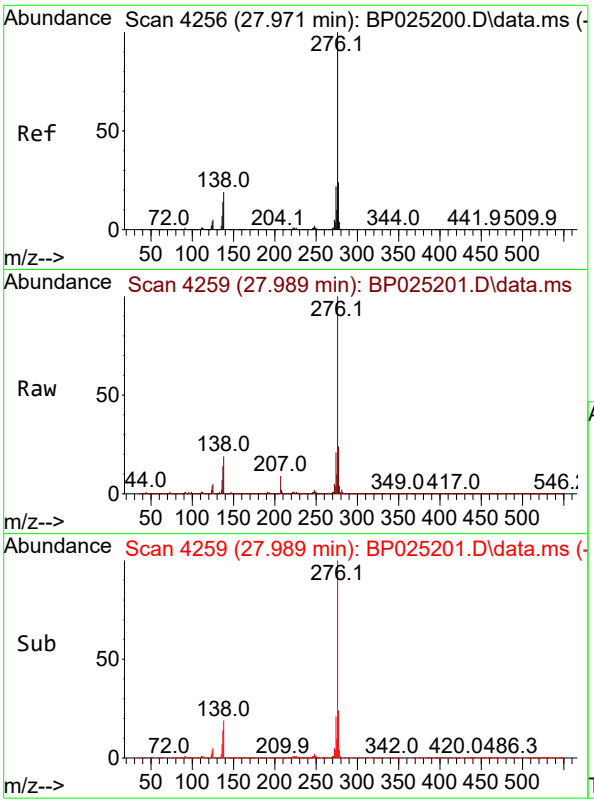



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:264 Resp: 3976559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 21.8 | 17.5 | 26.3 |

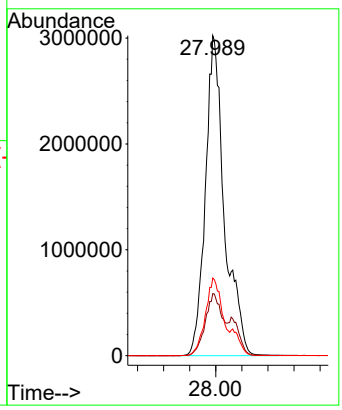





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.366 ng m
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:1530723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.3 | 12.8 | 19.2 |
| 277 | 21.6 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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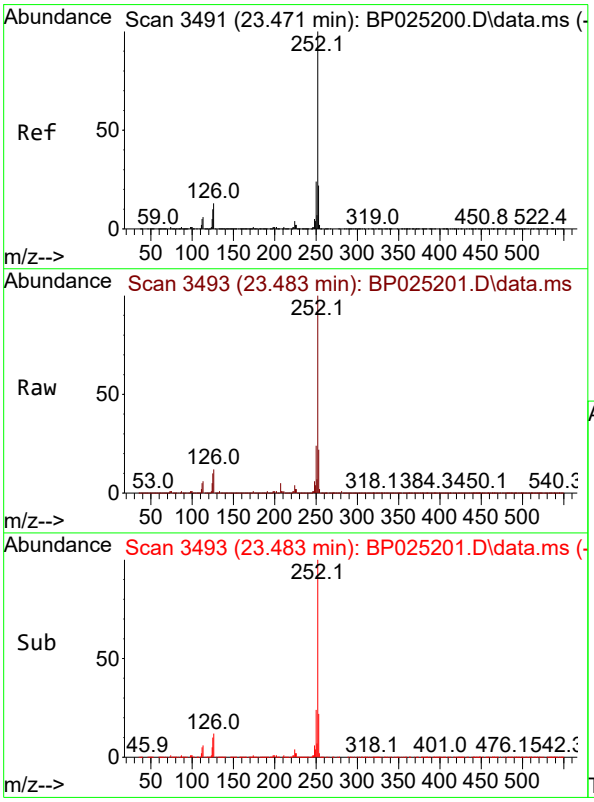
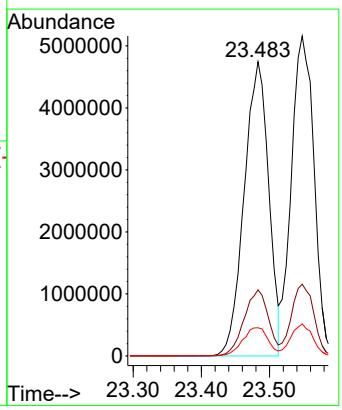
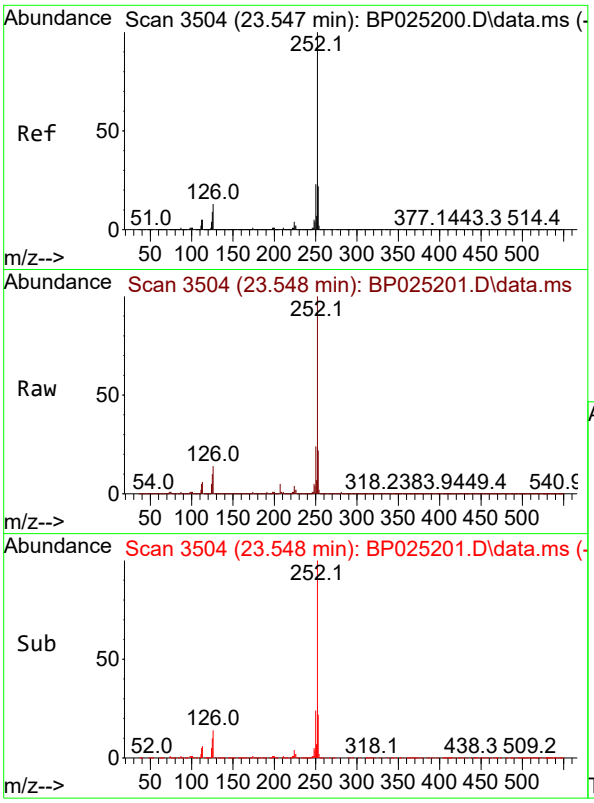



#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11802054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 9.6 | 7.8 | 11.8 |

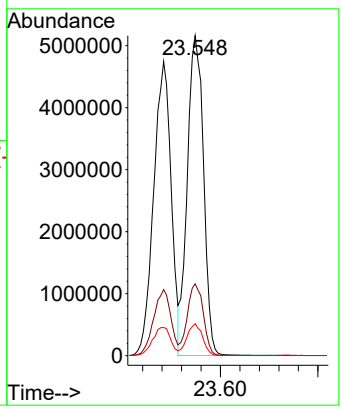





#89
Benzo(k)fluoranthene
Concen: 51.862 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:1194133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.8 | 26.6 |
| 125 | 10.0 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

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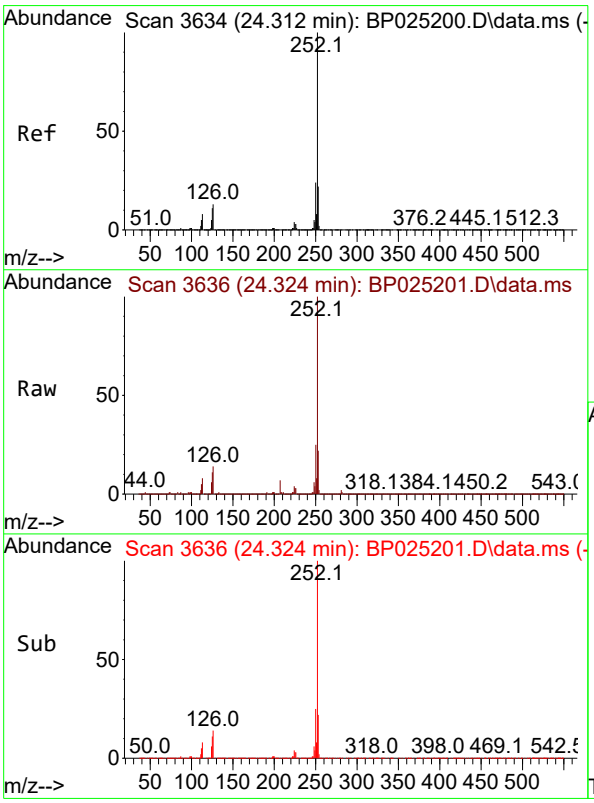
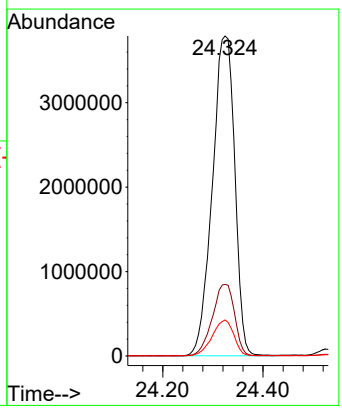
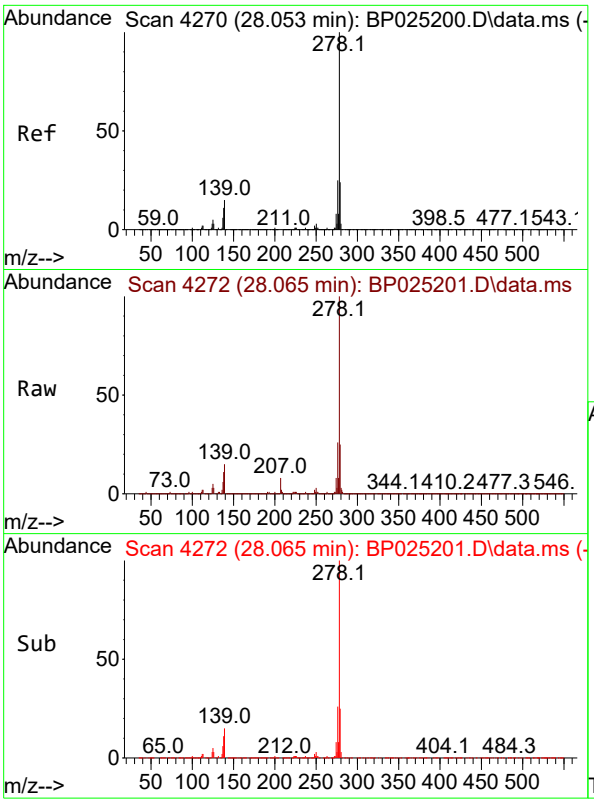



#90
Benzo(a)pyrene
Concen: 52.237 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11759136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.6 |
| 125 | 11.2 | 8.6 | 12.8 |

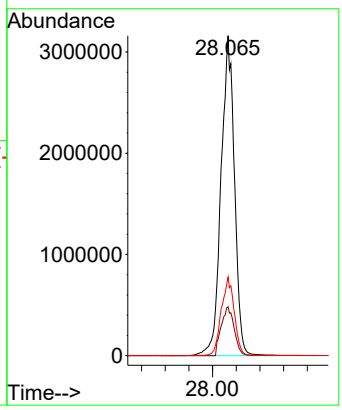





#91
Dibenzo(a,h)anthracene
Concen: 51.898 ng
RT: 28.065 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:278 Resp:1244100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.3 | 12.0 | 18.0 |
| 279 | 24.6 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
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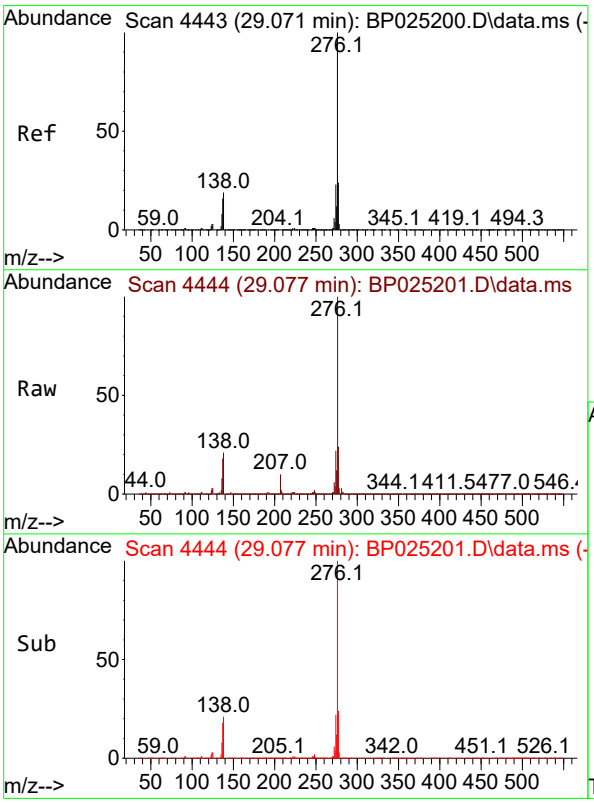
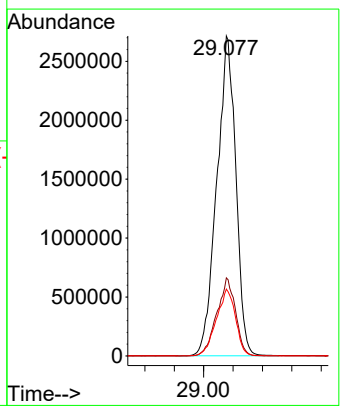
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025




#92
Benzo(g,h,i)perylene
Concen: 51.884 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:12183528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.2 | 28.8 |
| 138 | 20.9 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 691246 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2780561 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1802837 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3596132 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 3712729 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.448 | 264 | 4449563 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 4905756 | 118.561 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 6110675 | 119.620 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 6054858 | 119.391 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 3197029 | 119.256 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 13539099 | 99.423 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.648 | 244 | 16134390 | 81.157 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 909482 | 58.484 | ng | | 100 |
| 3) Pyridine | 3.496 | 79 | 2486312 | 60.365 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 997579 | 61.370 | ng | | 99 |
| 6) Aniline | 6.778 | 93 | 4023853 | 60.573 | ng | | 99 |
| 8) 2-Chlorophenol | 7.019 | 128 | 2831422 | 60.816 | ng | | 98 |
| 9) Benzaldehyde | 6.596 | 77 | 2060526 | 56.443 | ng | | 99 |
| 10) Phenol | 6.666 | 94 | 3174369 | 60.060 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.884 | 93 | 2426943 | 59.805 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 3115614 | 58.985 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 3138912 | 58.888 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 3018509 | 58.935 | ng | | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 2232586 | 60.973 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.966 | 45 | 3075798 | 59.089 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 2209131 | 60.430 | ng | | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 1098658 | 60.363 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.243 | 70 | 1826970 | 59.342 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.207 | 107 | 3031281 | 60.708 | ng | | 98 |
| 22) Acetophenone | 8.243 | 105 | 3858483 | 58.588 | ng | # | 98 |
| 24) Nitrobenzene | 8.613 | 77 | 2713532 | 60.375 | ng | | 99 |
| 25) Isophorone | 9.131 | 82 | 5301098 | 59.683 | ng | | 99 |
| 26) 2-Nitrophenol | 9.307 | 139 | 1614578 | 63.823 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 2618557 | 60.802 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 3327518 | 59.673 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.837 | 162 | 2686031 | 60.808 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.054 | 180 | 2894308 | 59.549 | ng | | 100 |
| 31) Naphthalene | 10.225 | 128 | 8471283 | 58.501 | ng | | 100 |
| 32) Benzoic acid | 9.560 | 122 | 2149321 | 68.334 | ng | | 98 |
| 33) 4-Chloroaniline | 10.342 | 127 | 3853838 | 61.295 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 1757479 | 60.210 | ng | | 99 |
| 35) Caprolactam | 11.148 | 113 | 911643 | 62.713 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 2701662 | 61.242 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 5538936 | 59.140 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.066 | 142 | 5796319 | 58.678 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.236 | 216 | 3229034 | 59.145 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 2121694 | 68.531 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 2251566 | 61.035 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

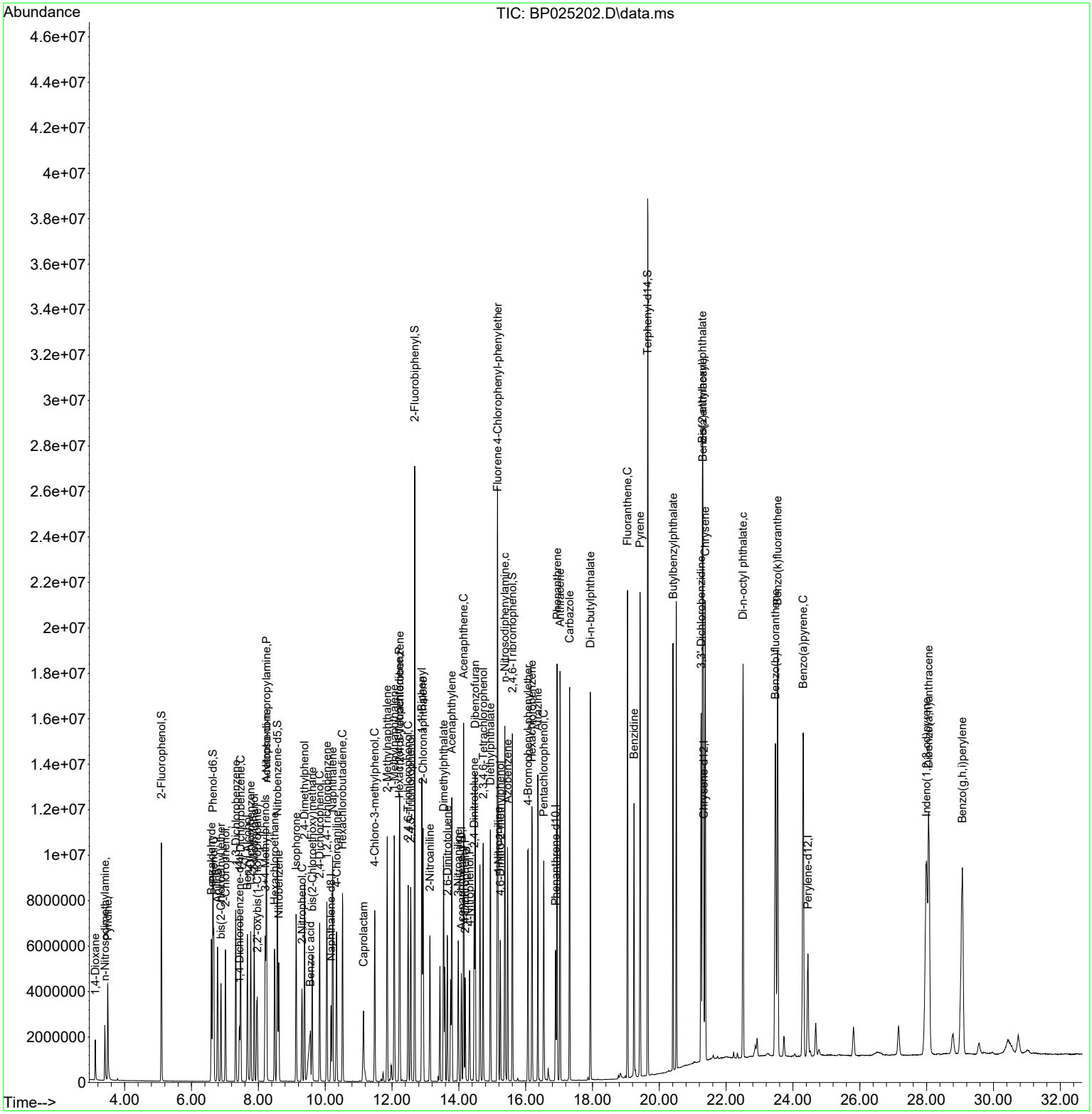
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 2484748 | 61.107 | ng | | 100 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 7671161 | 57.545 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 6074581 | 58.817 | ng | | 100 |
| 48) 2-Nitroaniline | 13.136 | 65 | 1603764 | 61.905 | ng | | 98 |
| 49) Acenaphthylene | 13.789 | 152 | 9744261 | 57.536 | ng | | 99 |
| 50) Dimethylphthalate | 13.542 | 163 | 7577608 | 57.607 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.660 | 165 | 1738822 | 62.447 | ng | | 98 |
| 52) Acenaphthene | 14.142 | 154 | 5579143 | 57.185 | ng | | 99 |
| 53) 3-Nitroaniline | 13.983 | 138 | 1947927 | 62.002 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.189 | 184 | 1119889 | 71.772 | ng | | 99 |
| 55) Dibenzofuran | 14.489 | 168 | 8968837 | 56.778 | ng | | 98 |
| 56) 4-Nitrophenol | 14.325 | 139 | 1695550 | 63.331 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 2469068 | 63.650 | ng | | 98 |
| 58) Fluorene | 15.154 | 166 | 6997947 | 55.543 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.730 | 232 | 2196650 | 61.026 | ng | | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 7449753 | 57.319 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 3554251 | 55.969 | ng | | 99 |
| 62) 4-Nitroaniline | 15.183 | 138 | 1978662 | 61.804 | ng | | 98 |
| 63) Azobenzene | 15.460 | 77 | 6251887 | 59.884 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 1488428 | 66.114 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 6429114 | 57.405 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 2534895 | 59.785 | ng | | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 2976346 | 58.786 | ng | | 96 |
| 69) Atrazine | 16.366 | 200 | 2433839 | 59.621 | ng | | 99 |
| 70) Pentachlorophenol | 16.542 | 266 | 2118802 | 62.871 | ng | | 99 |
| 71) Phenanthrene | 16.942 | 178 | 11295817 | 56.373 | ng | | 99 |
| 72) Anthracene | 17.030 | 178 | 11494384 | 56.508 | ng | | 98 |
| 73) Carbazole | 17.319 | 167 | 10836403 | 55.990 | ng | | 98 |
| 74) Di-n-butylphthalate | 17.936 | 149 | 12352965 | 54.431 | ng | # | 94 |
| 75) Fluoranthene | 19.048 | 202 | 12783070 | 53.956 | ng | | 93 |
| 77) Benzidine | 19.242 | 184 | 6968232 | 49.133 | ng | | 100 |
| 78) Pyrene | 19.424 | 202 | 13220717 | 56.032 | ng | | 93 |
| 80) Butylbenzylphthalate | 20.413 | 149 | 6306883 | 60.572 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 13600779 | 56.319 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.254 | 252 | 5842950 | 59.005 | ng | | 100 |
| 83) Chrysene | 21.371 | 228 | 12774794 | 56.724 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 8682877 | 57.201 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.507 | 149 | 15085392 | 57.015 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.994 | 276 | 19493176 | 59.597 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 23.477 | 252 | 14989282 | 57.763 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.542 | 252 | 14928017 | 57.942 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.306 | 252 | 14791063 | 58.720 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.059 | 278 | 15890395 | 59.240 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.071 | 276 | 15521510 | 59.072 | ng | | 98 |

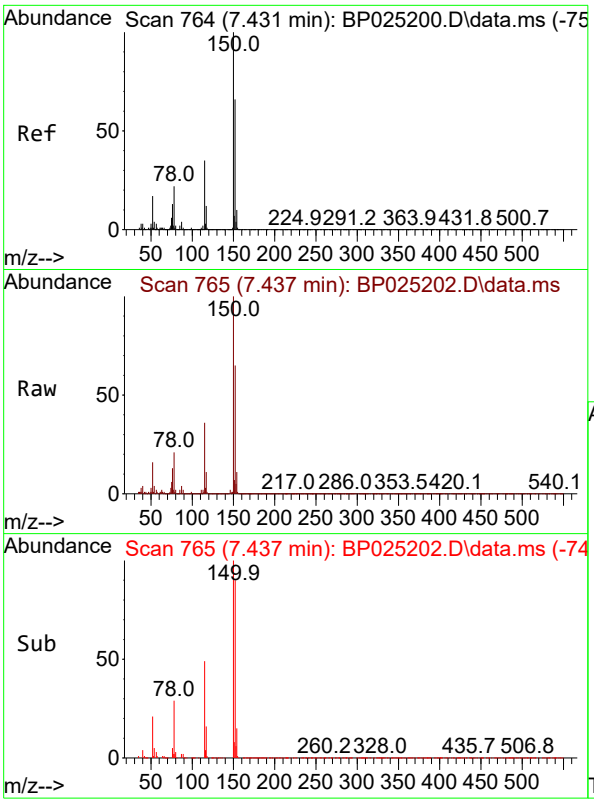
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025202.D
Acq On : 21 Jul 2025 18:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 22 02:33:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



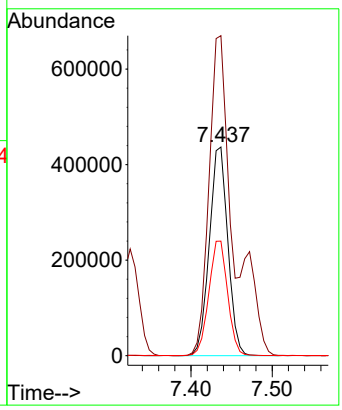


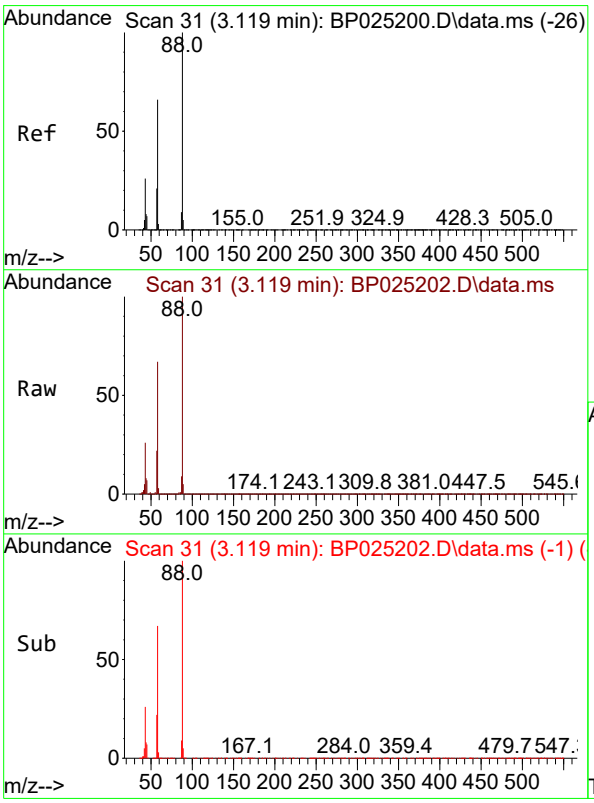

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 691246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.3 | 121.9 | 182.9 |
| 115 | 54.9 | 43.0 | 64.6 |

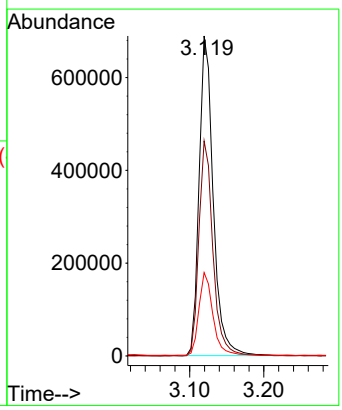


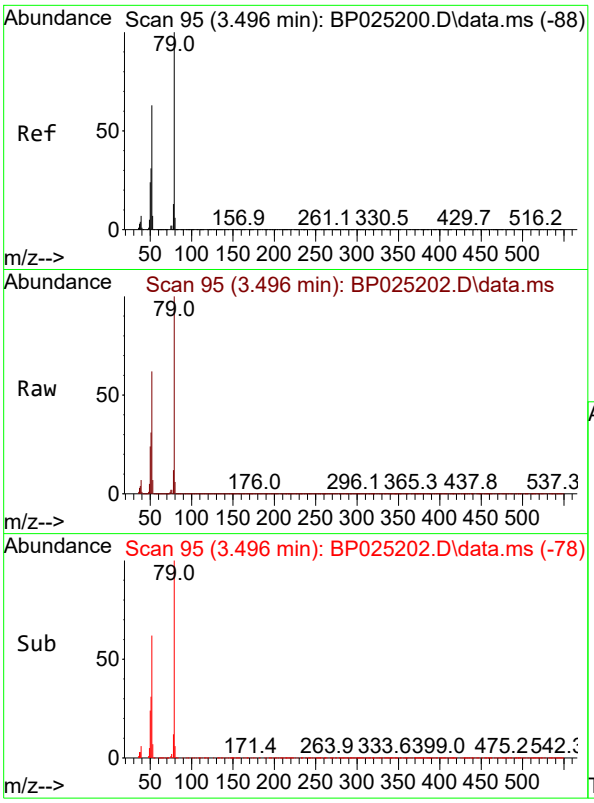




#2
1,4-Dioxane
Concen: 58.484 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 88 Resp: 909482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.2 | 53.5 | 80.3 |
| 43 | 25.8 | 20.8 | 31.2 |



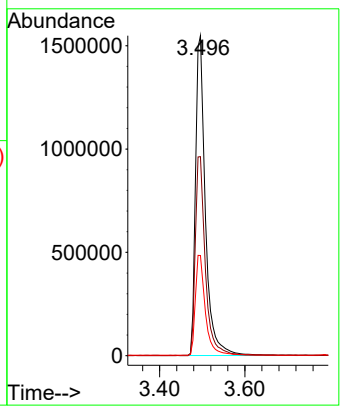


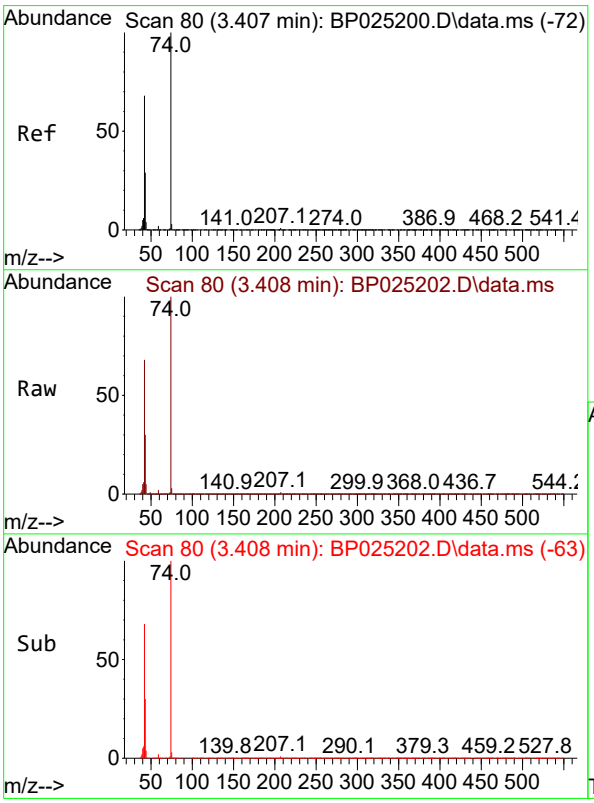

#3
Pyridine
Concen: 60.365 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 2486312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.2 | 50.2 | 75.4 |
| 51 | 31.3 | 25.0 | 37.4 |

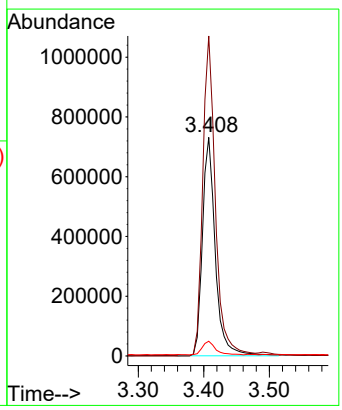


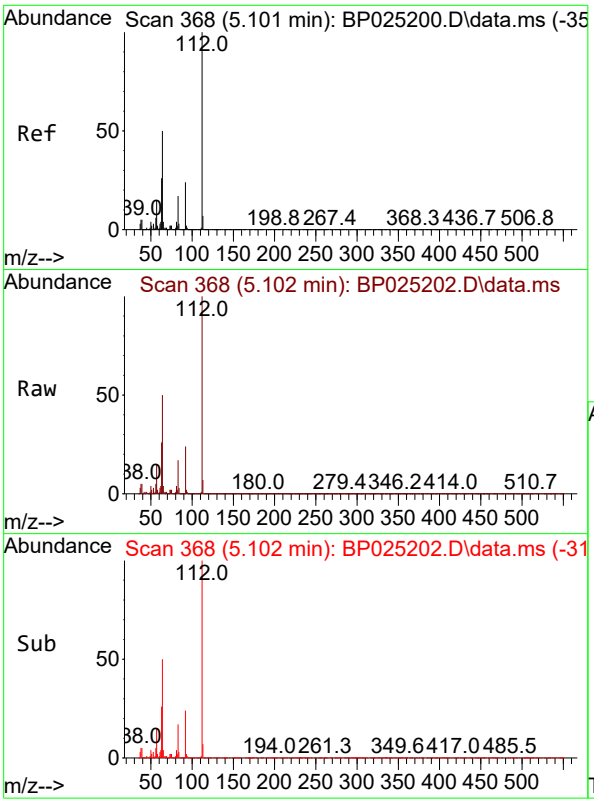




#4
n-Nitrosodimethylamine
Concen: 61.370 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 42 Resp: 997579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 146.4 | 118.0 | 177.0 |
| 44 | 6.7 | 5.5 | 8.3 |



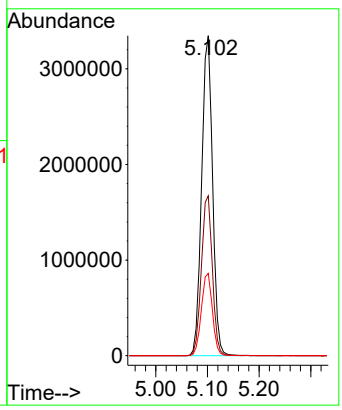


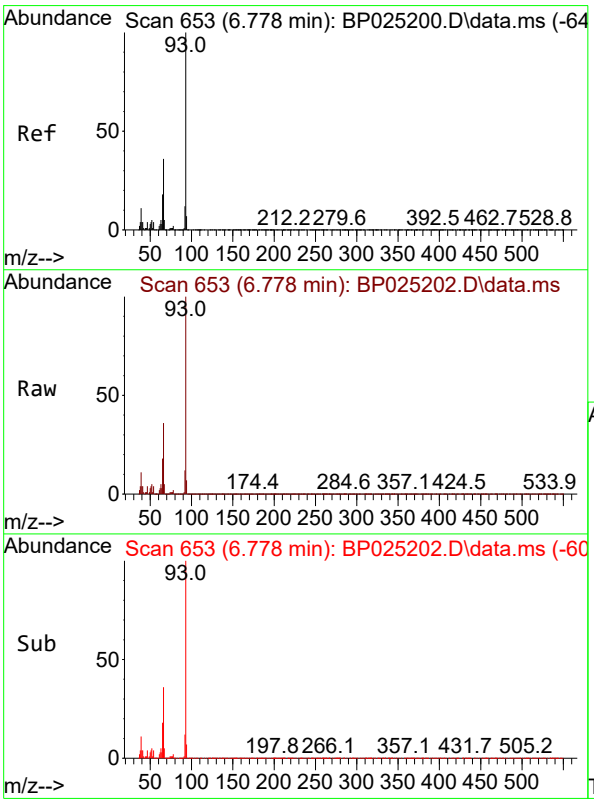

#5
2-Fluorophenol
Concen: 118.561 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:112 Resp: 4905756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.9 | 39.8 | 59.6 |
| 63 | 25.7 | 20.5 | 30.7 |

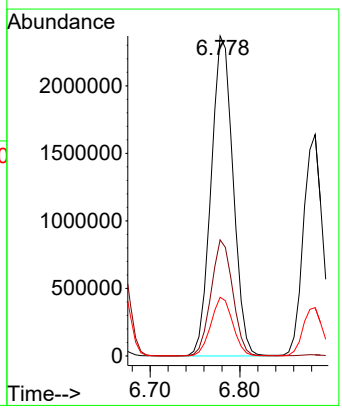


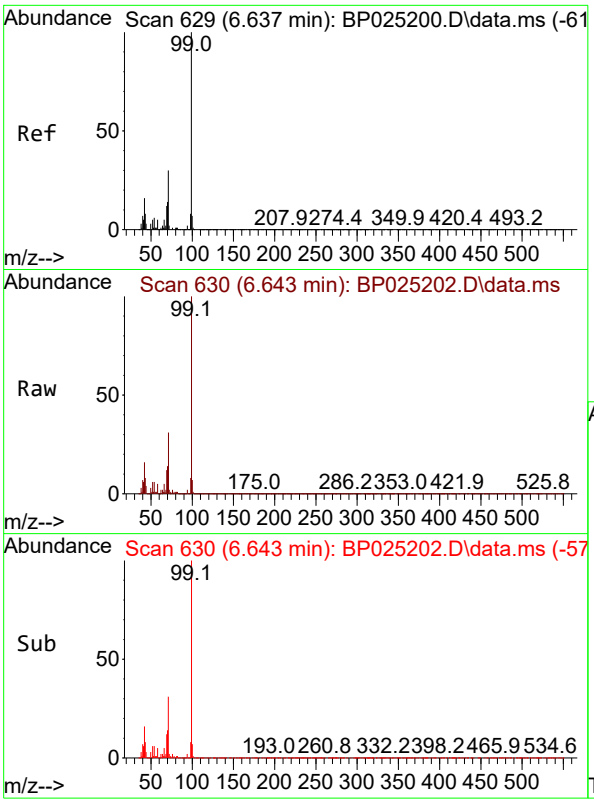




#6
Aniline
Concen: 60.573 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 4023853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.3 | 28.6 | 43.0 |
| 65 | 18.4 | 14.6 | 21.8 |



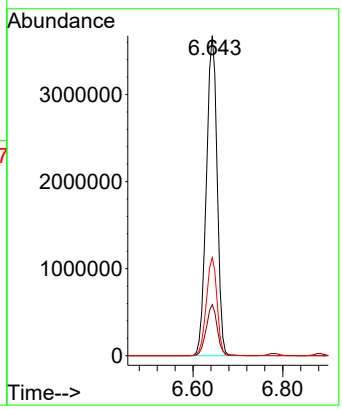


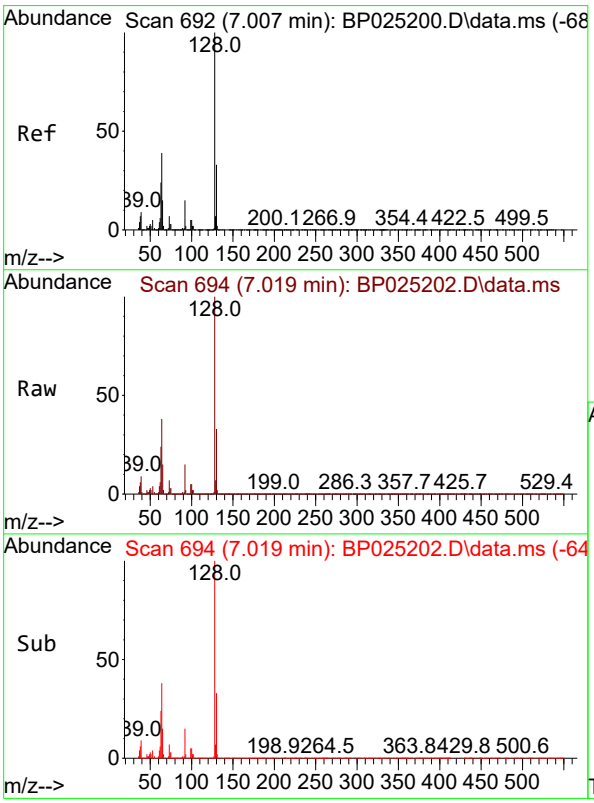

#7
Phenol-d6
Concen: 119.620 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 99 Resp: 6110675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.5 | 18.7 |
| 71 | 30.7 | 24.2 | 36.2 |

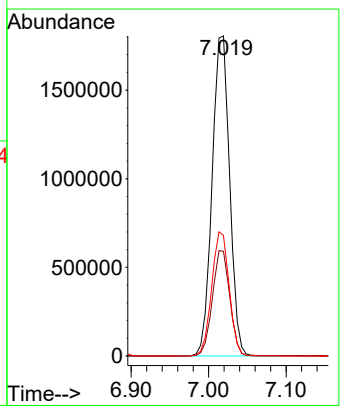


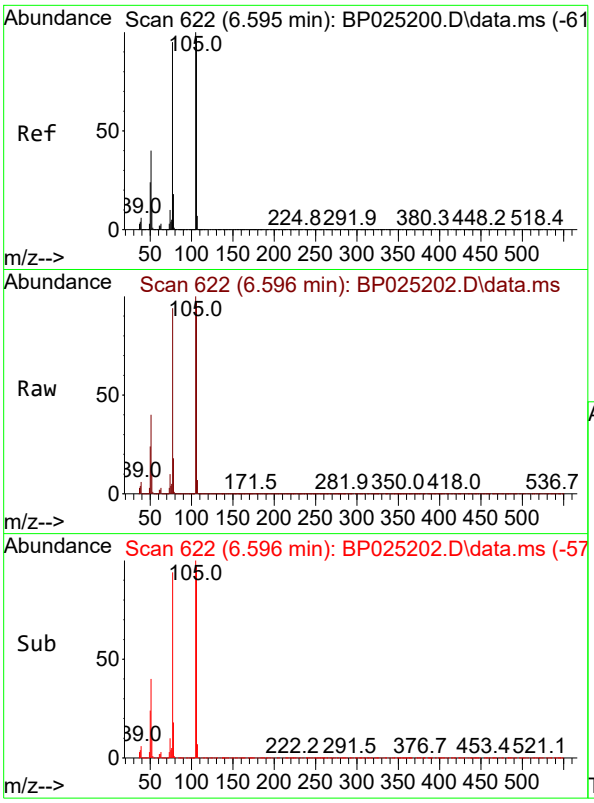




#8
2-Chlorophenol
Concen: 60.816 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:128 Resp: 2831422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.9 | 52.9 |
| 64 | 37.6 | 19.2 | 59.2 |



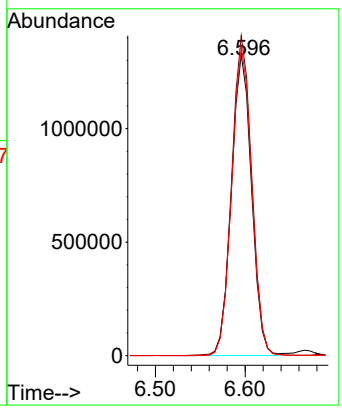


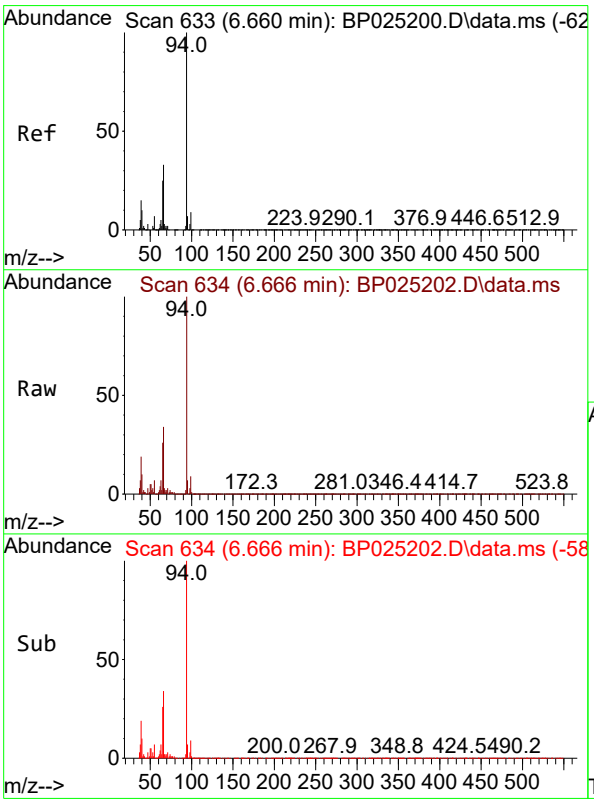

#9
Benzaldehyde
Concen: 56.443 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 2060526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.3 | 85.5 | 125.5 |
| 106 | 102.5 | 81.9 | 121.9 |

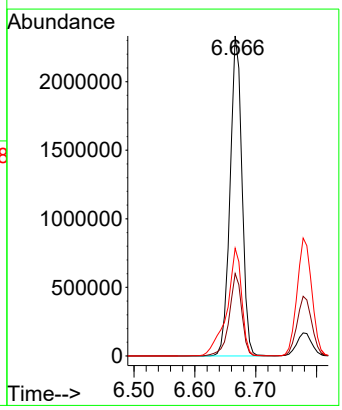


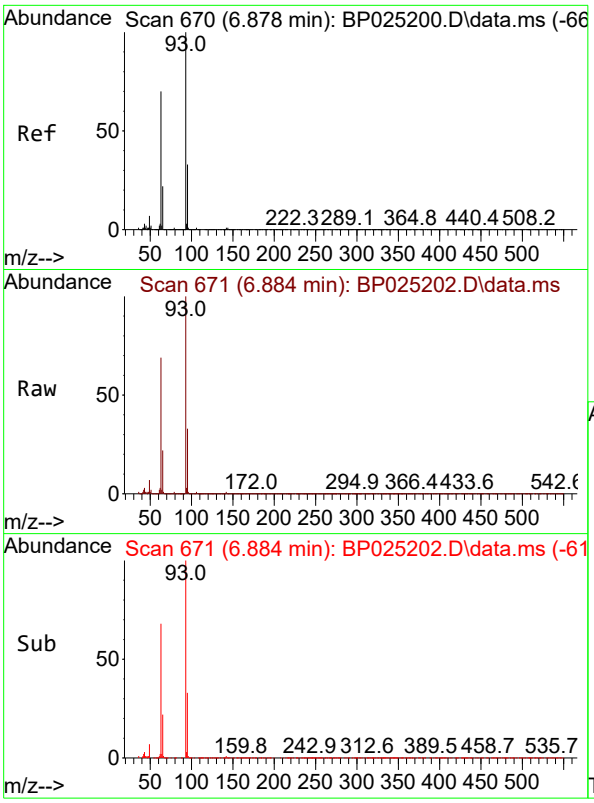




#10
Phenol
Concen: 60.060 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 94 Resp: 3174369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.7 | 5.4 | 45.4 |
| 66 | 33.7 | 13.5 | 53.5 |



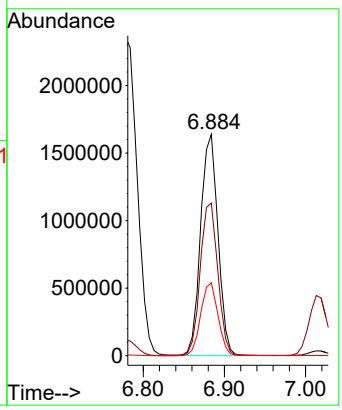


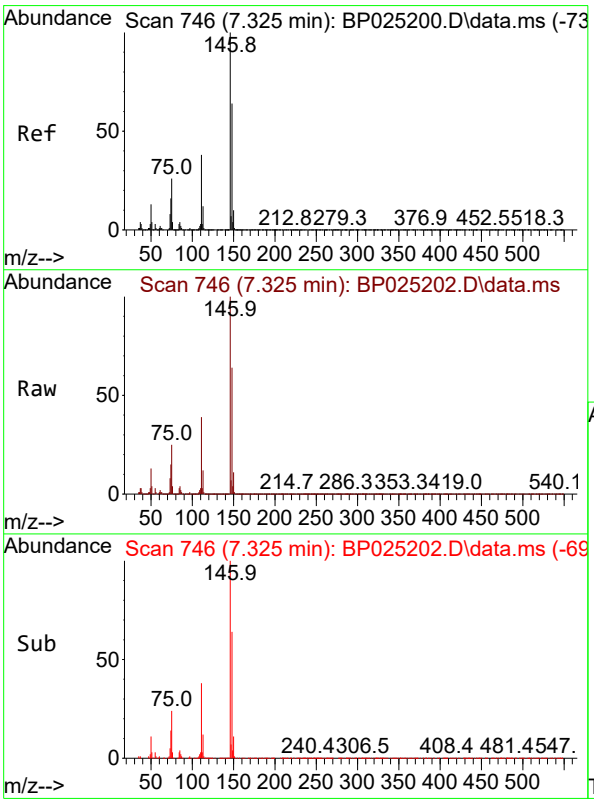

#11
bis(2-Chloroethyl)ether
Concen: 59.805 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 93 Resp: 2426943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.9 | 50.0 | 90.0 |
| 95 | 33.0 | 12.9 | 52.9 |

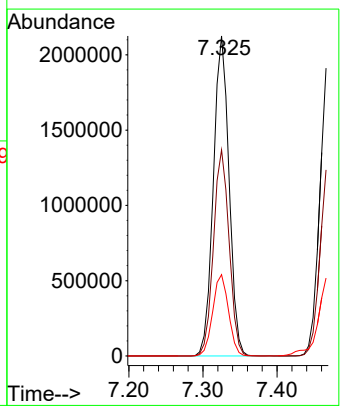


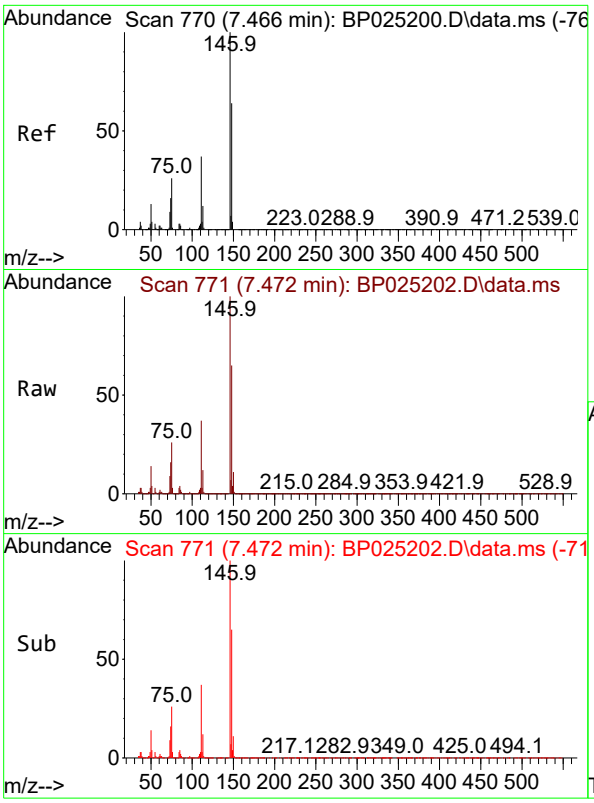




#12
1,3-Dichlorobenzene
Concen: 58.985 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3115614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.4 | 77.0 |
| 75 | 25.4 | 20.6 | 31.0 |



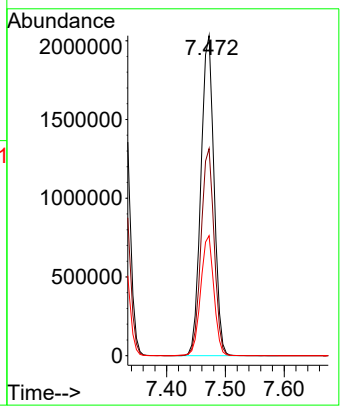


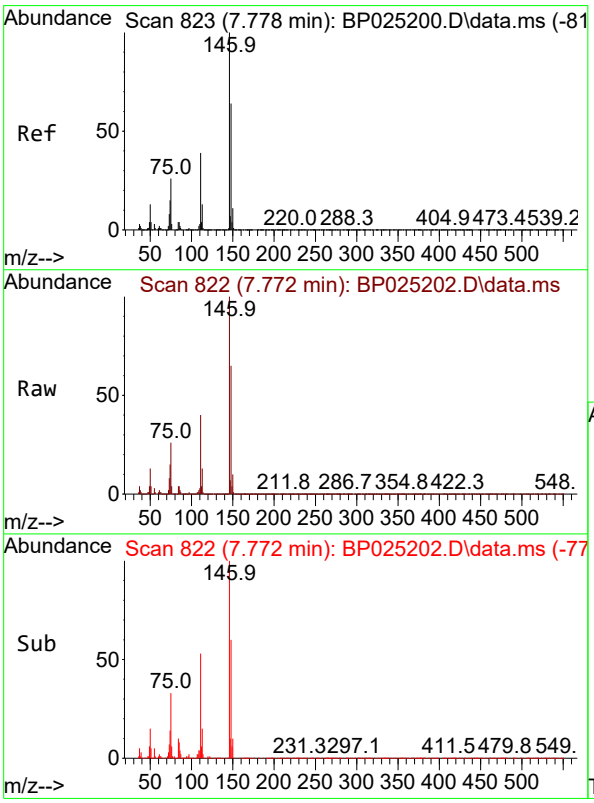

#13
1,4-Dichlorobenzene
Concen: 58.888 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:146 Resp: 3138912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 37.5 | 29.9 | 44.9 |

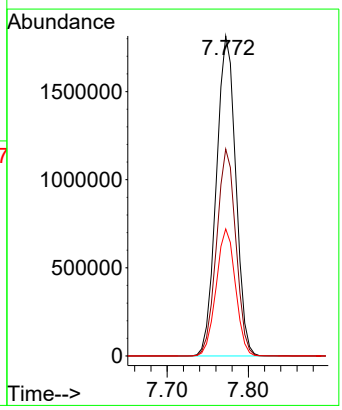


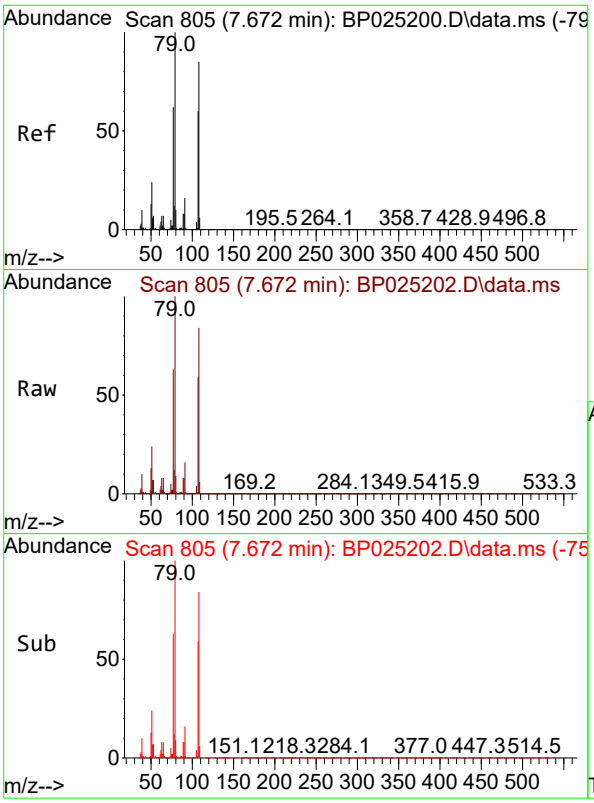




#14
1,2-Dichlorobenzene
Concen: 58.935 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:146 Resp: 3018509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.5 | 77.3 |
| 111 | 39.7 | 31.3 | 46.9 |



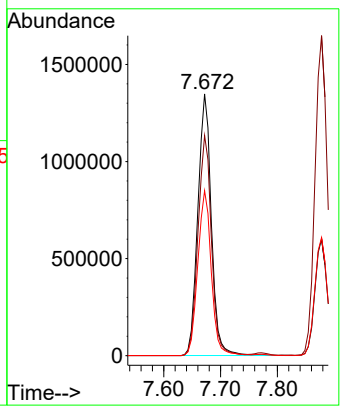


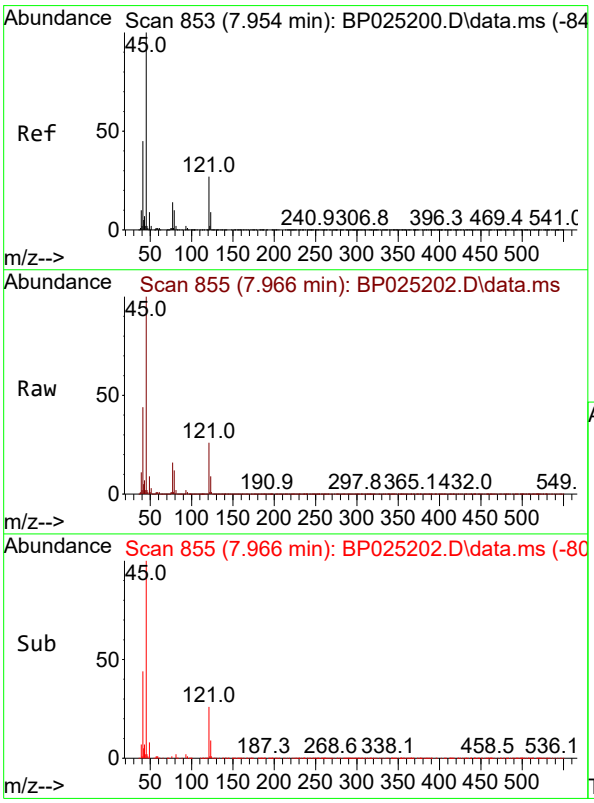

#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 2232586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.1 | 67.8 | 101.6 |
| 77 | 63.0 | 49.9 | 74.9 |

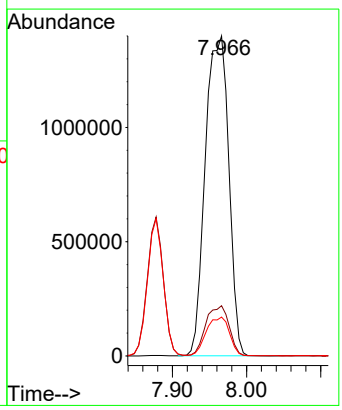


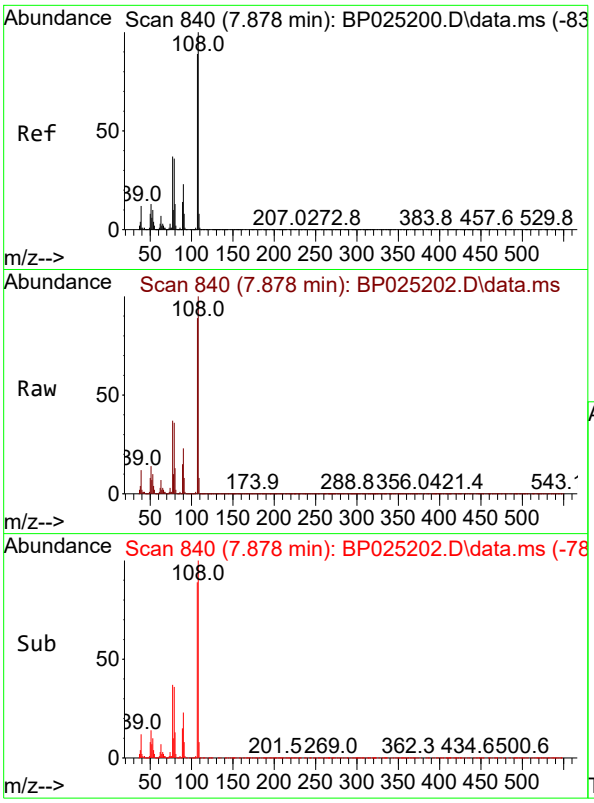




#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.089 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 45 Resp: 3075798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.7 | 0.0 | 36.0 |
| 79 | 12.2 | 0.0 | 31.7 |



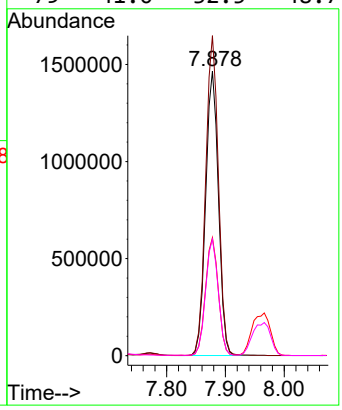


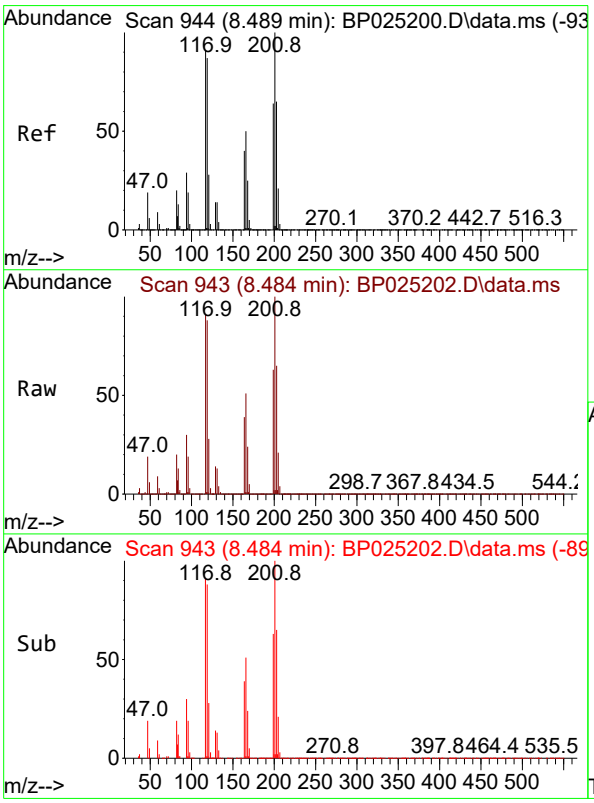

#17
2-Methylphenol
Concen: 60.430 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:107 Resp: 2209131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.4 | 89.8 | 134.8 |
| 77 | 41.5 | 33.2 | 49.8 |
| 79 | 41.0 | 32.5 | 48.7 |

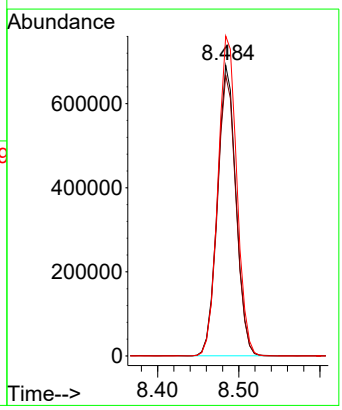


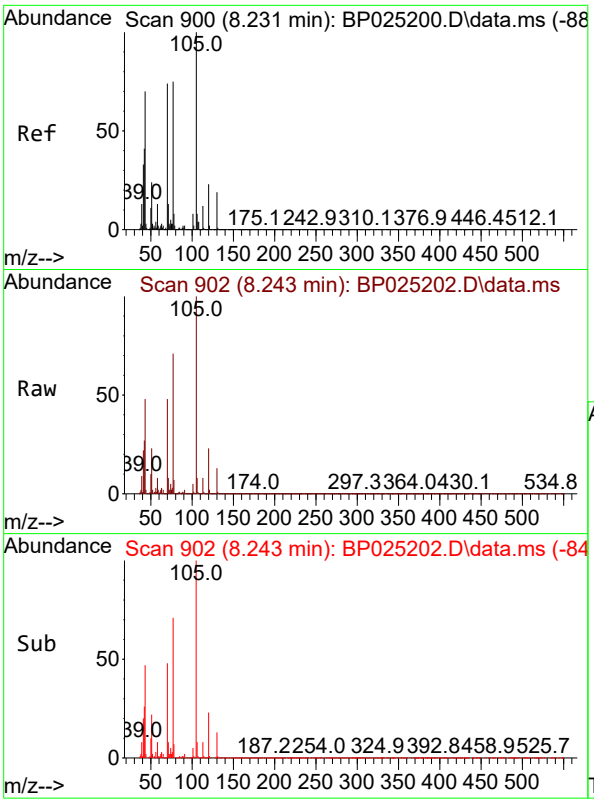




#18
Hexachloroethane
Concen: 60.363 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:117 Resp: 1098658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 77.0 | 115.6 |
| 201 | 110.1 | 88.3 | 132.5 |



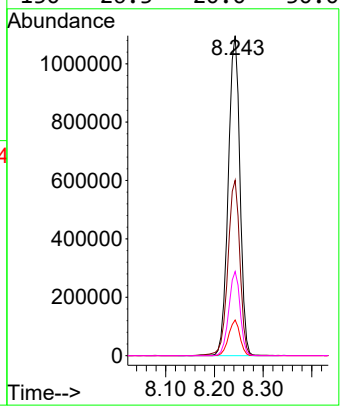


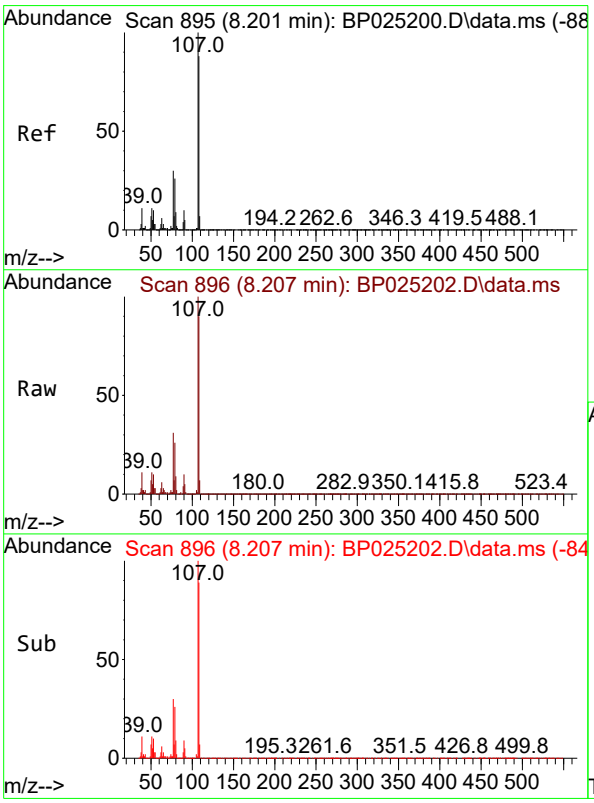

#19
n-Nitroso-di-n-propylamine
Concen: 59.342 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 70 Resp: 1826970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.8 | 44.2 | 66.2 |
| 101 | 11.2 | 8.6 | 12.8 |
| 130 | 26.3 | 20.0 | 30.0 |

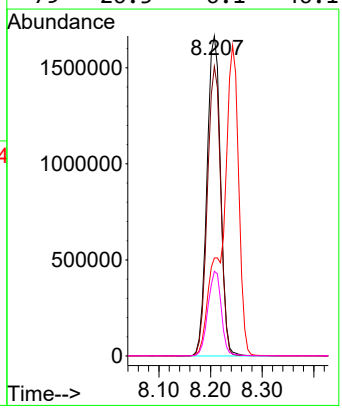


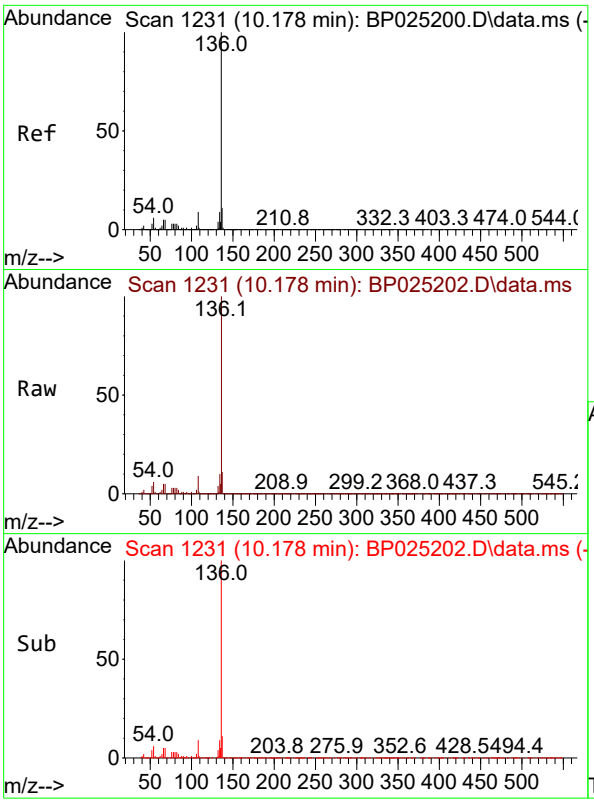




#20
3+4-Methylphenols
Concen: 60.708 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 3031281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 67.8 | 107.8 |
| 77 | 30.6 | 10.3 | 50.3 |
| 79 | 26.5 | 6.1 | 46.1 |



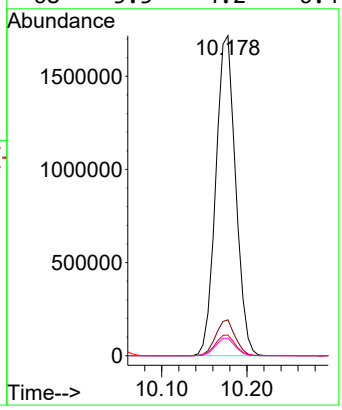


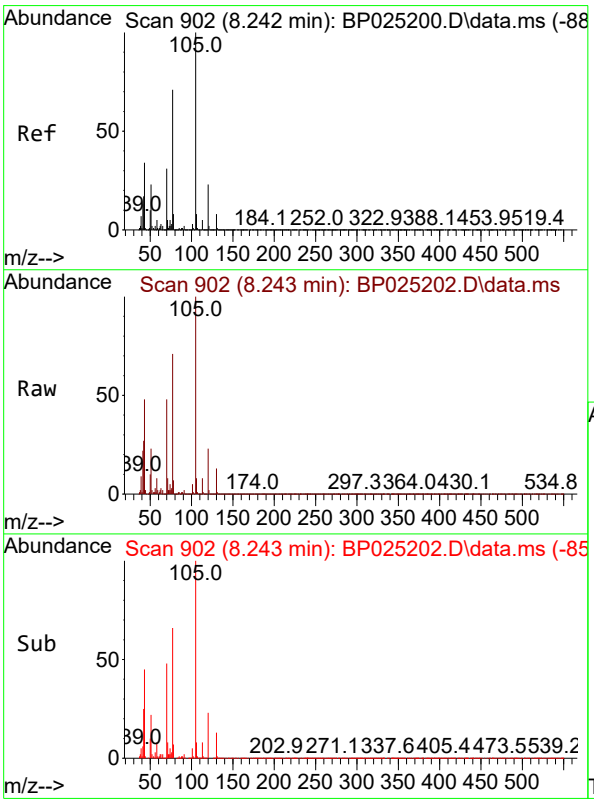

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:136 Resp: 2780561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |

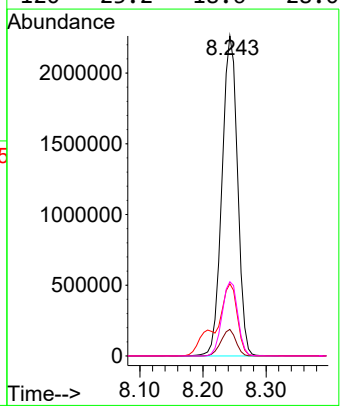


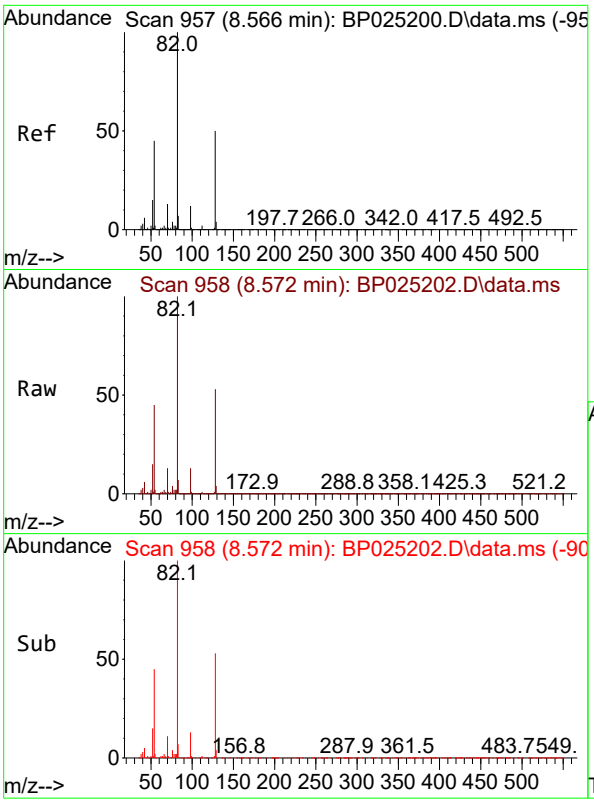




#22
Acetophenone
Concen: 58.588 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:105 Resp: 3858483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.3 | 4.1 | 6.1# |
| 51 | 22.6 | 18.5 | 27.7 |
| 120 | 23.2 | 18.6 | 28.0 |



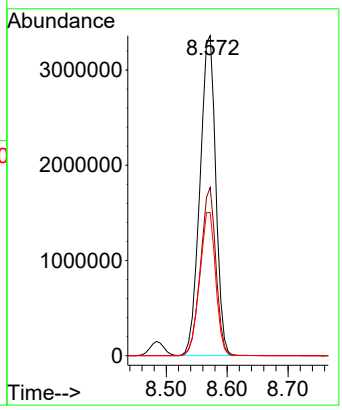


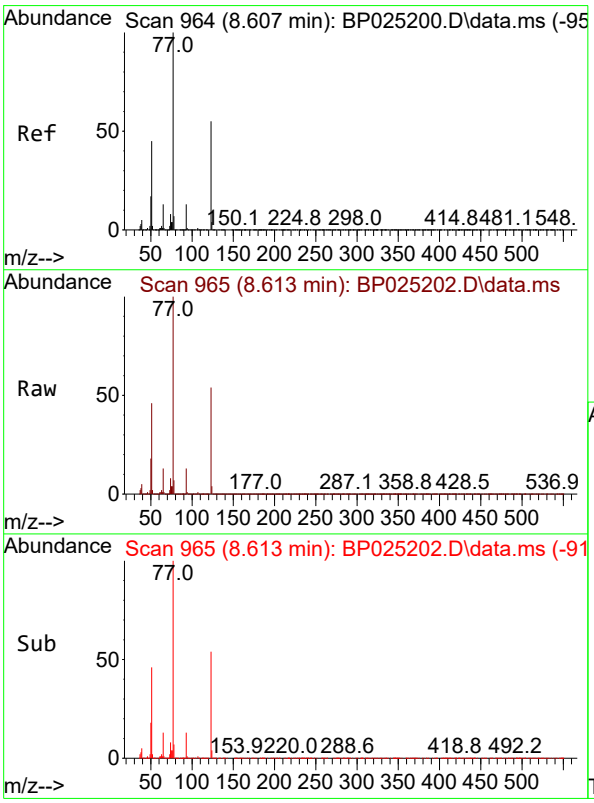

#23
Nitrobenzene-d5
Concen: 119.391 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 6054858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.6 | 40.2 | 60.4 |
| 54 | 44.7 | 36.3 | 54.5 |

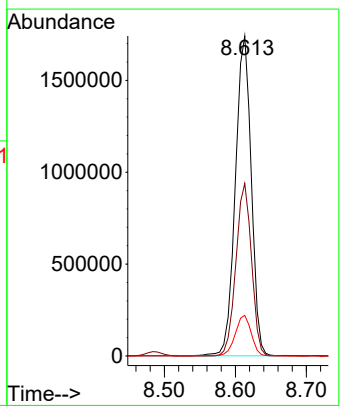


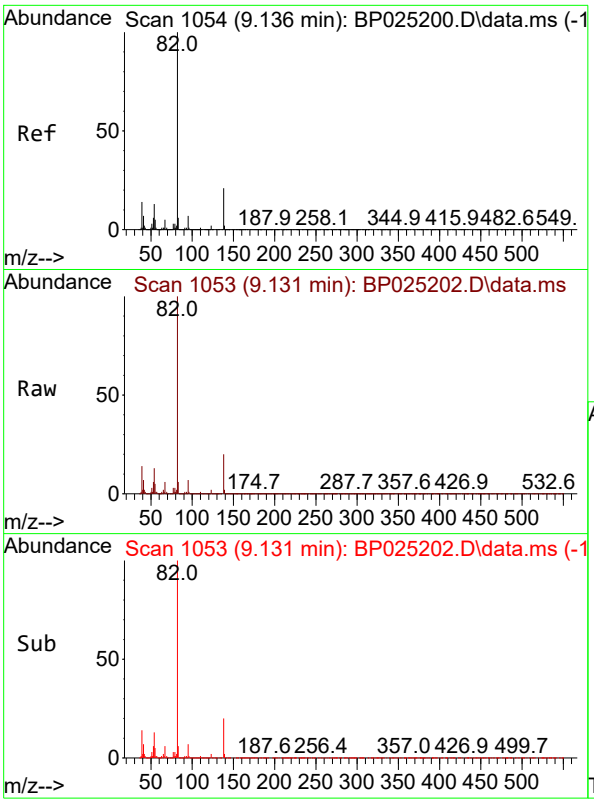




#24
Nitrobenzene
Concen: 60.375 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 77 Resp: 2713532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.9 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |



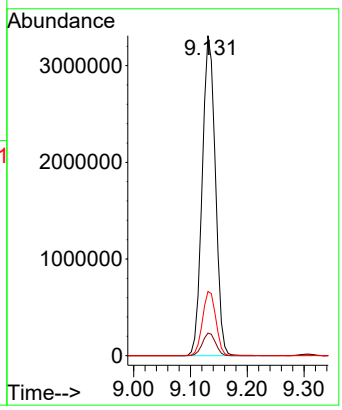


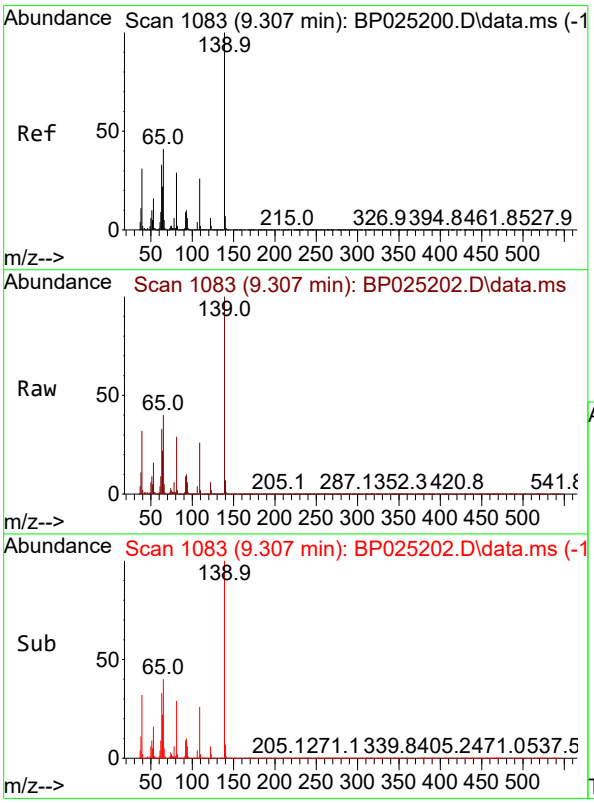

#25
Isophorone
Concen: 59.683 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 5301098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 20.0 | 16.6 | 25.0 |

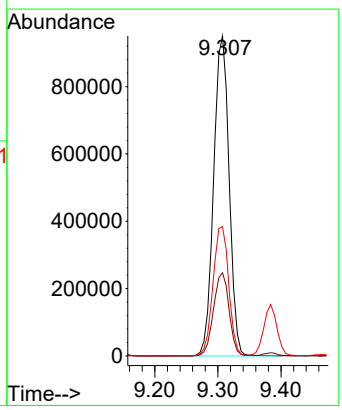


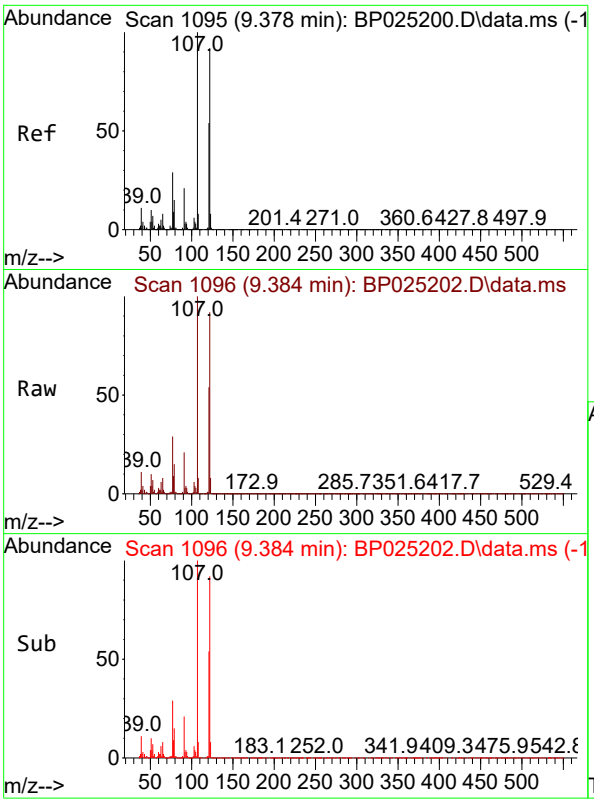




#26
2-Nitrophenol
Concen: 63.823 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1614578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.0 | 21.0 | 31.6 |
| 65 | 40.4 | 32.7 | 49.1 |



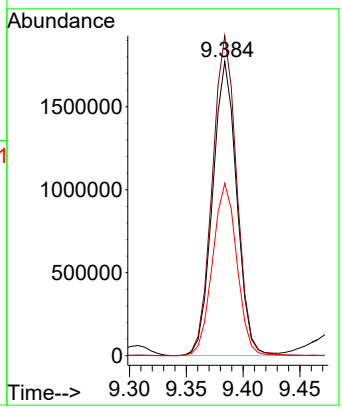


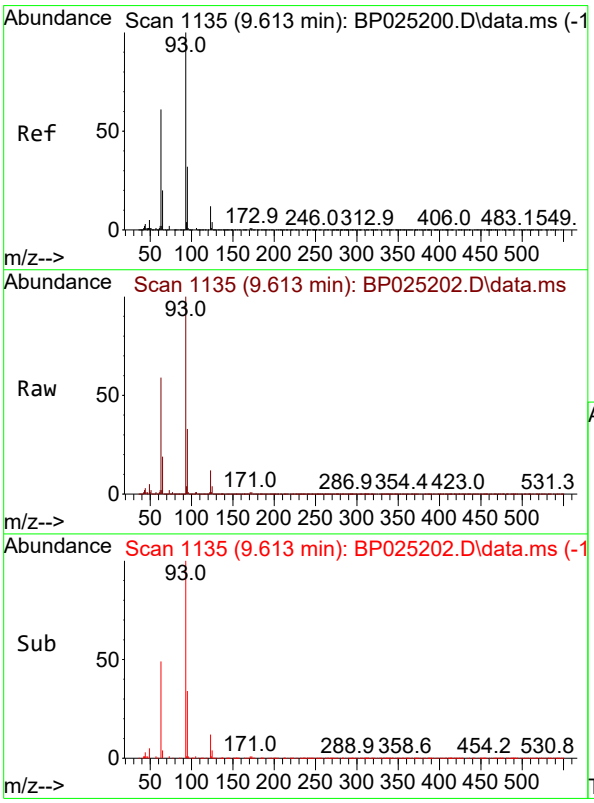

#27
2,4-Dimethylphenol
Concen: 60.802 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:122 Resp: 2618557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.8 | 87.0 | 130.4 |
| 121 | 58.6 | 46.7 | 70.1 |

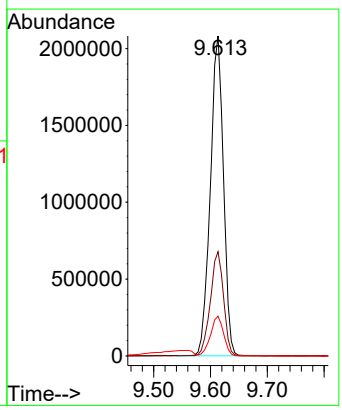


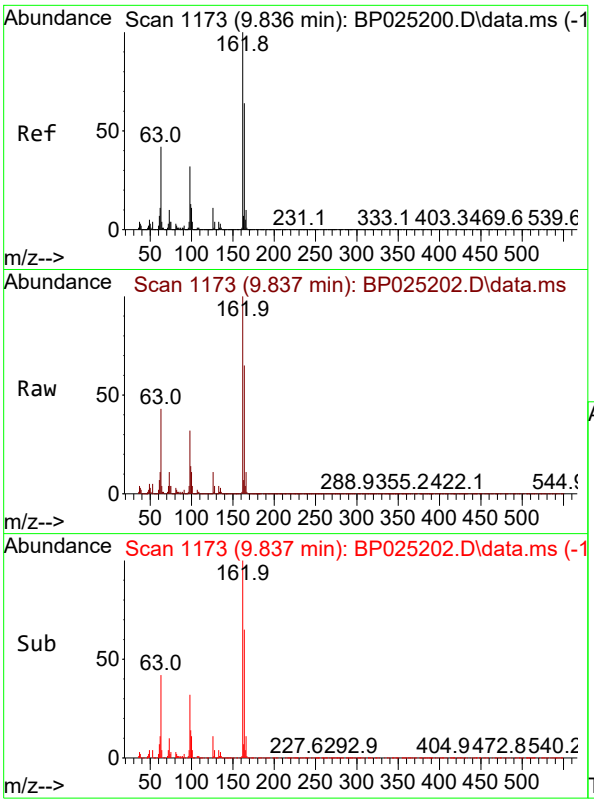




#28
bis(2-Chloroethoxy)methane
Concen: 59.673 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 93 Resp: 3327518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.0 | 39.0 |
| 123 | 12.4 | 9.8 | 14.6 |



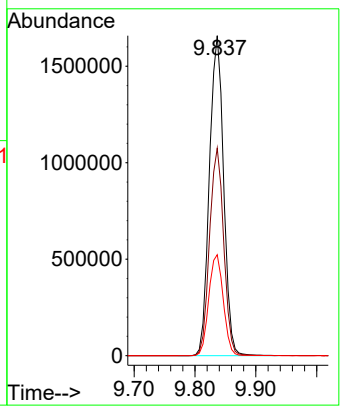


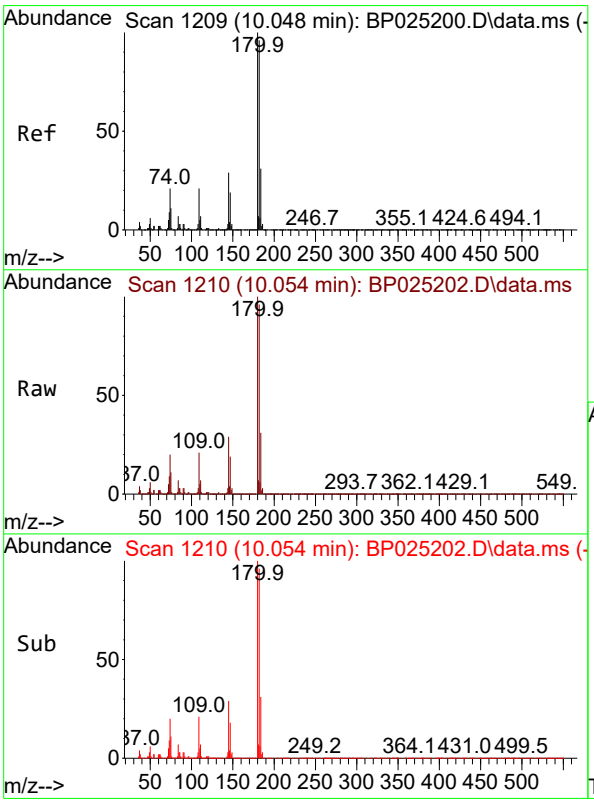

#29
2,4-Dichlorophenol
Concen: 60.808 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 2686031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.8 | 44.2 | 84.2 |
| 98 | 31.6 | 11.7 | 51.7 |

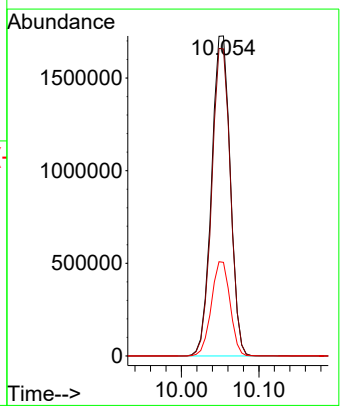


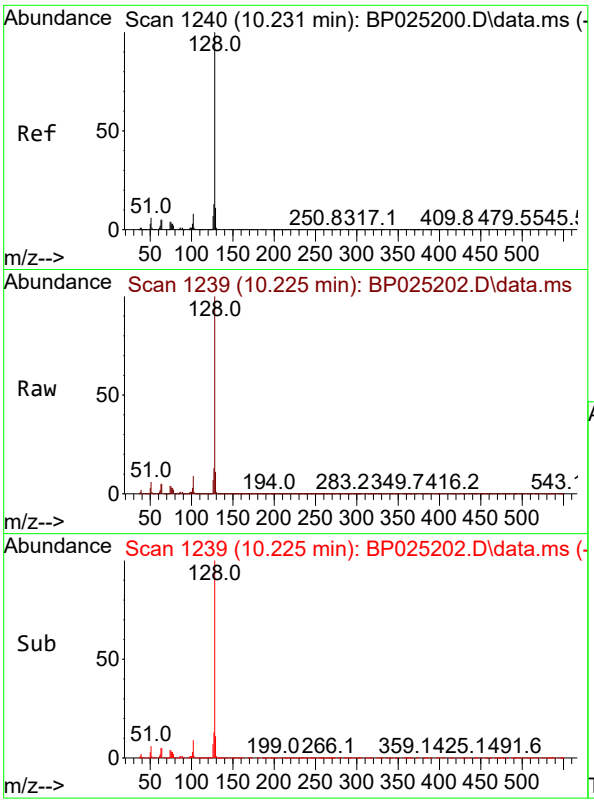




#30
1,2,4-Trichlorobenzene
Concen: 59.549 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:180 Resp: 2894308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 76.7 | 115.1 |
| 145 | 29.2 | 23.5 | 35.3 |



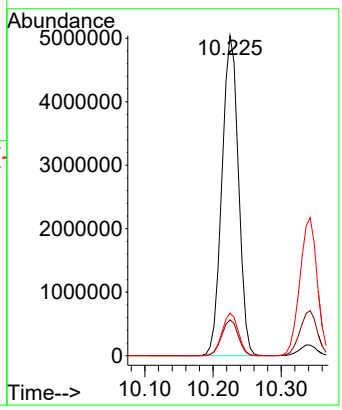


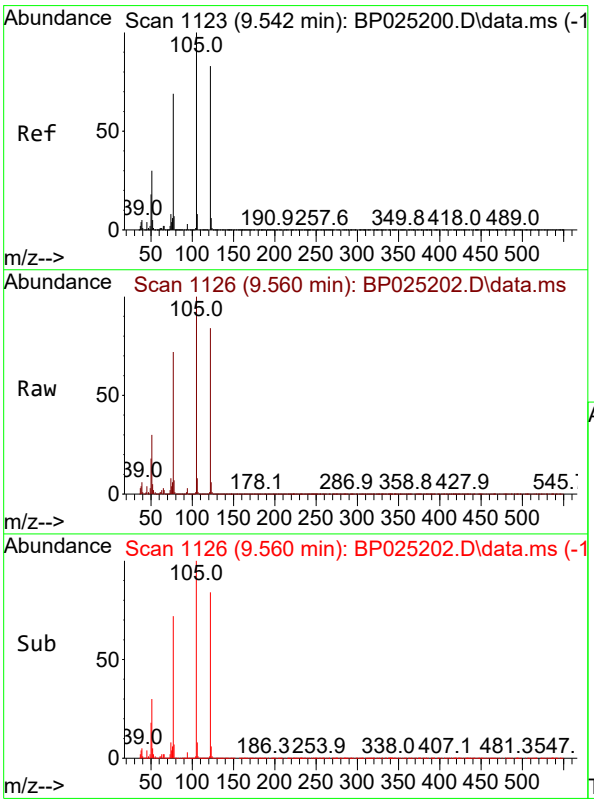

#31
Naphthalene
Concen: 58.501 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:128 Resp: 8471283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.2 | 10.4 | 15.6 |

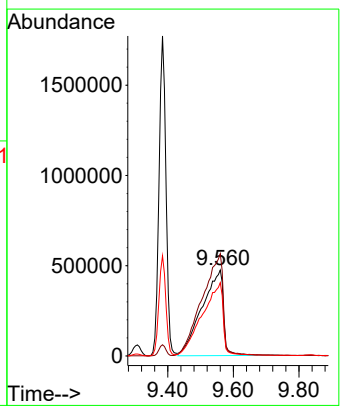


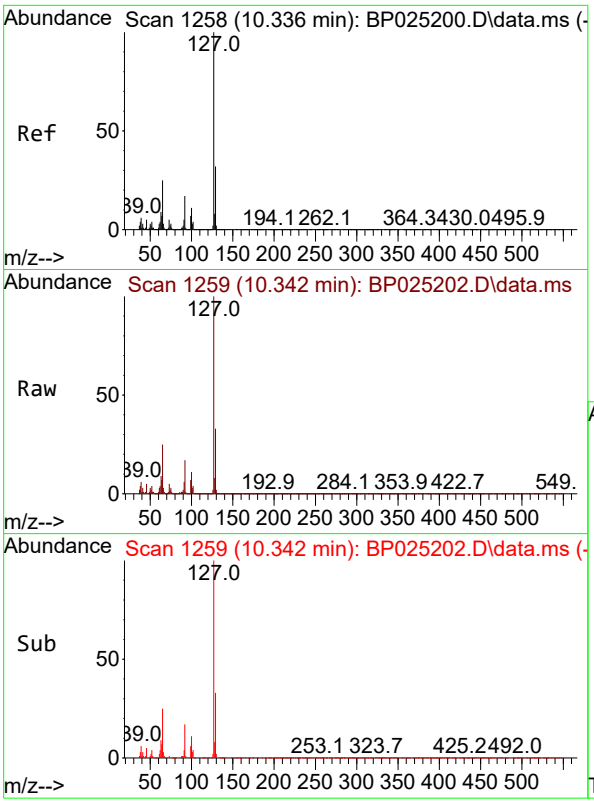




#32
Benzoic acid
Concen: 68.334 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:122 Resp: 2149321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.1 | 98.1 | 138.1 |
| 77 | 85.3 | 62.7 | 102.7 |



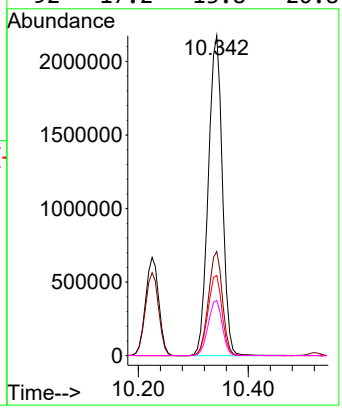


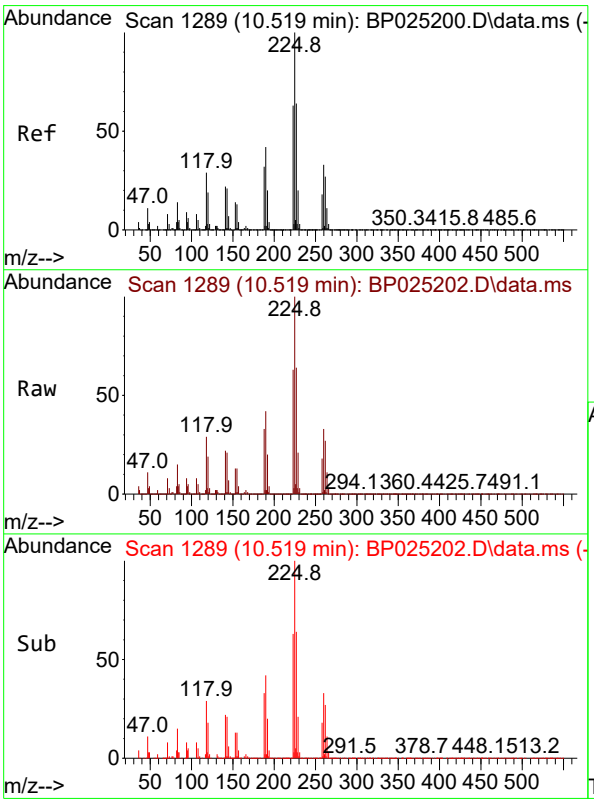

#33
4-Chloroaniline
Concen: 61.295 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:127 Resp: 3853838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.9 | 38.9 |
| 65 | 25.1 | 20.2 | 30.4 |
| 92 | 17.2 | 13.8 | 20.8 |

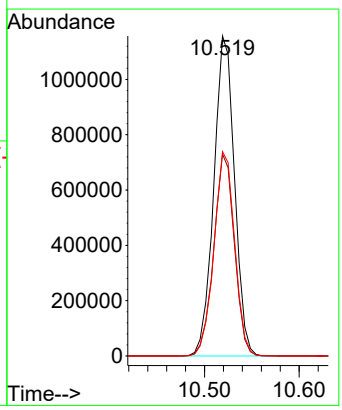


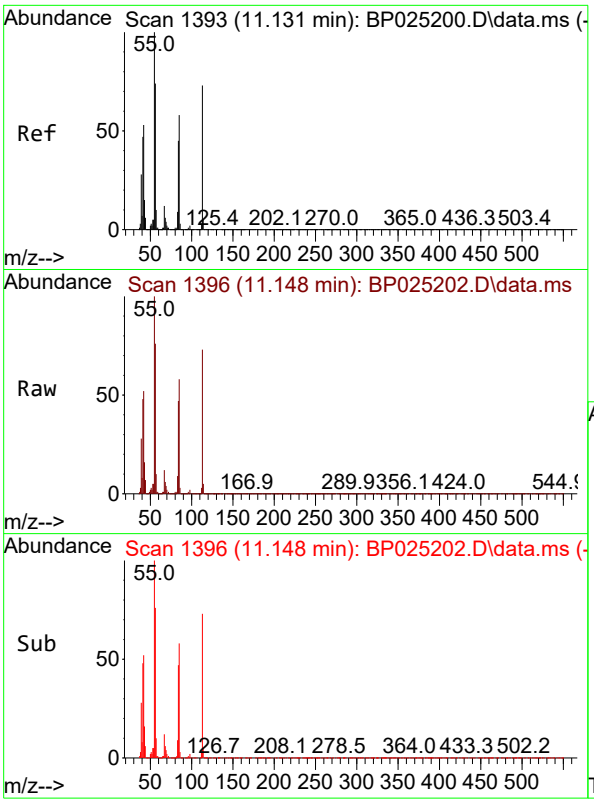




#34
Hexachlorobutadiene
Concen: 60.210 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:225 Resp: 1757479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 50.1 | 75.1 |
| 227 | 63.9 | 51.4 | 77.0 |



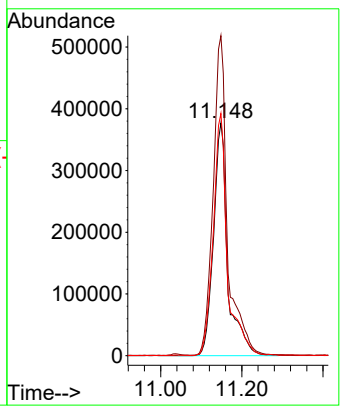


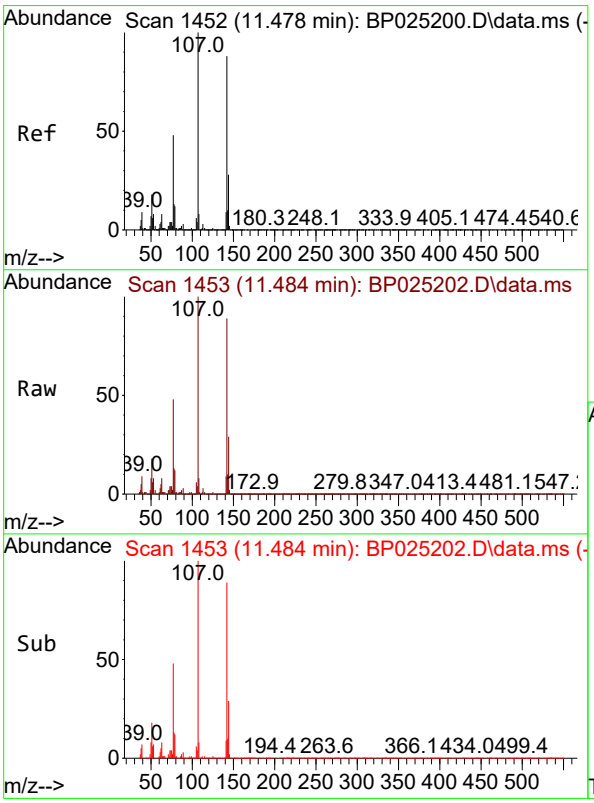

#35
Caprolactam
Concen: 62.713 ng
RT: 11.148 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:113 Resp: 911643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.6 | 117.6 | 157.6 |
| 56 | 104.2 | 82.4 | 122.4 |

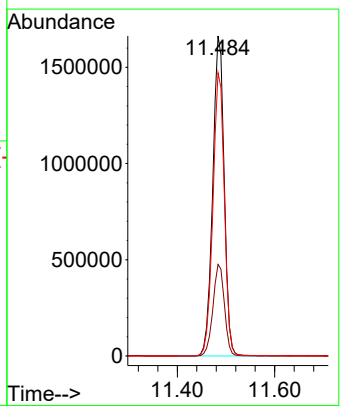


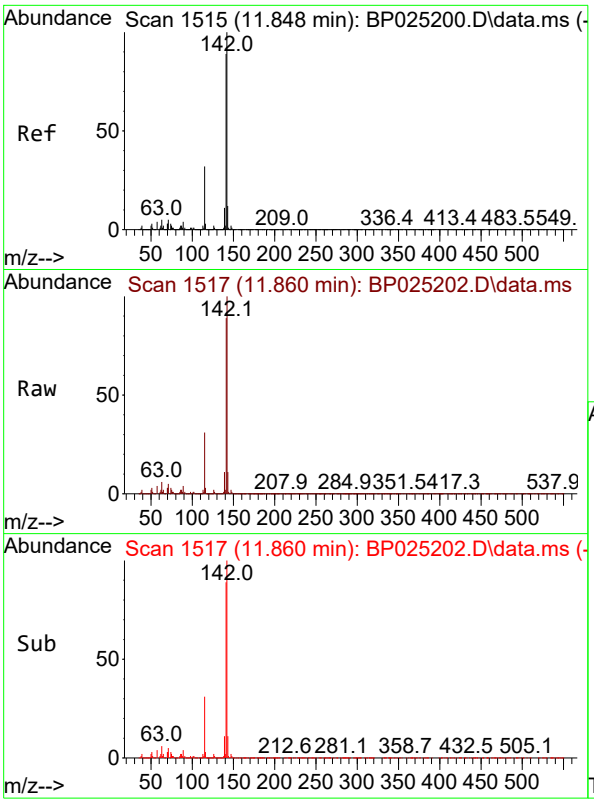




#36
4-Chloro-3-methylphenol
Concen: 61.242 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:107 Resp: 2701662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.6 | 22.5 | 33.7 |
| 142 | 88.5 | 70.6 | 105.8 |



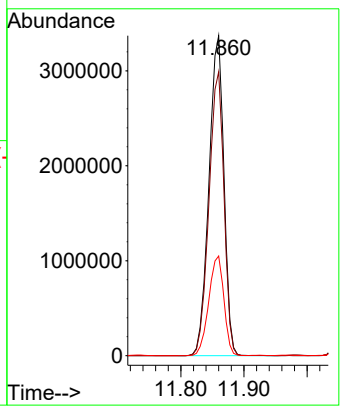


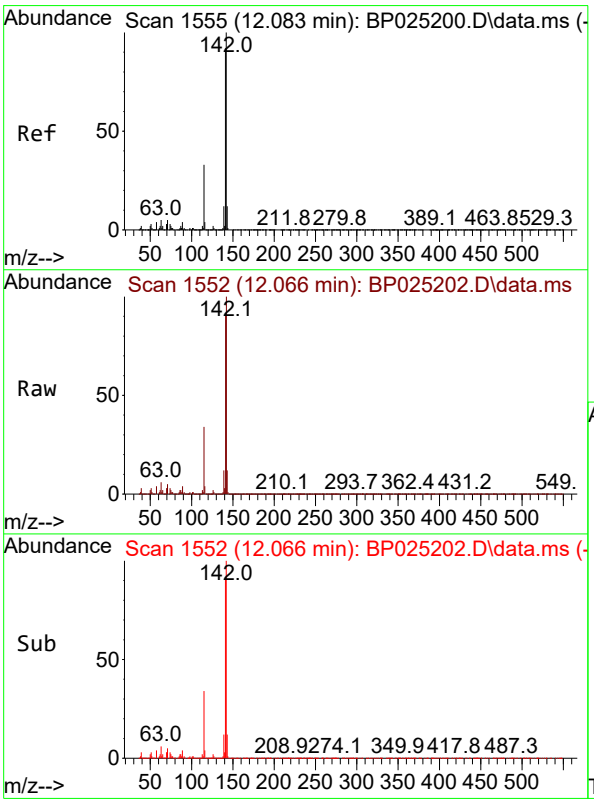

#37
2-Methylnaphthalene
Concen: 59.140 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:142 Resp: 5538936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.2 | 106.8 |
| 115 | 31.2 | 25.3 | 37.9 |

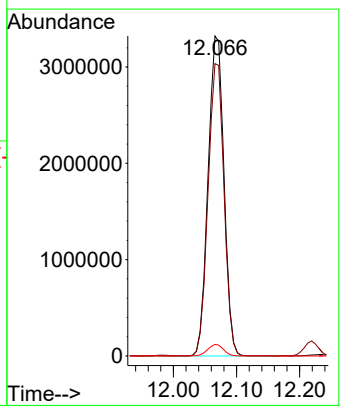


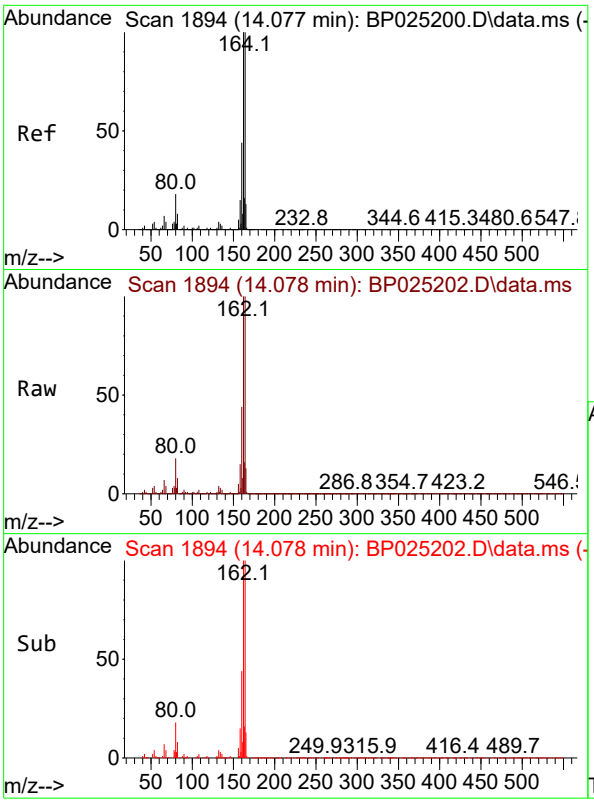




#38
1-Methylnaphthalene
Concen: 58.678 ng
RT: 12.066 min Scan# 1552
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:142 Resp: 5796319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |



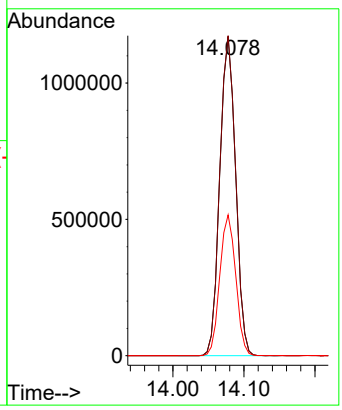


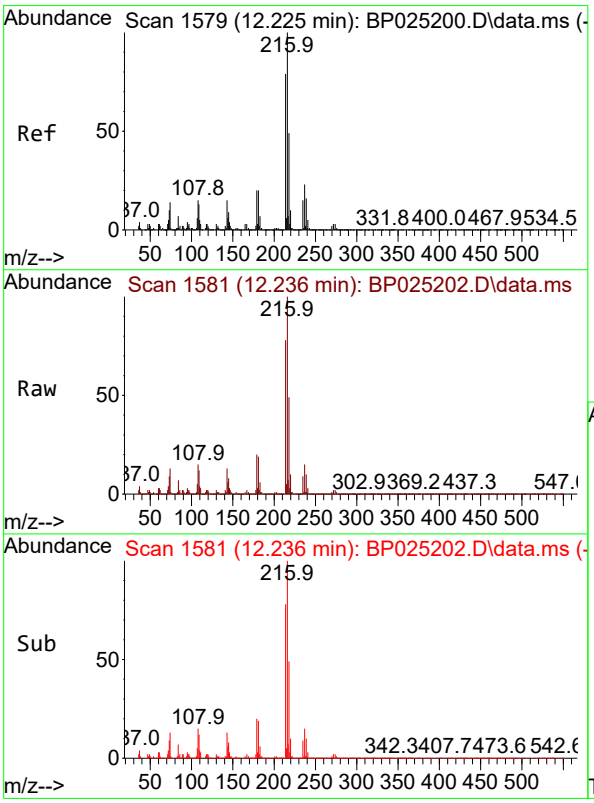

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:164 Resp: 1802837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |

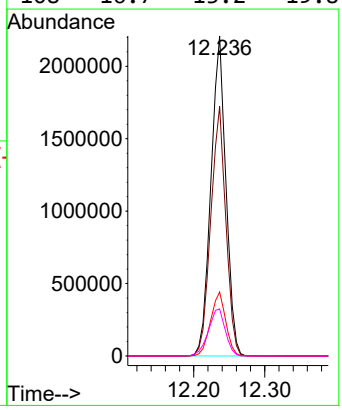


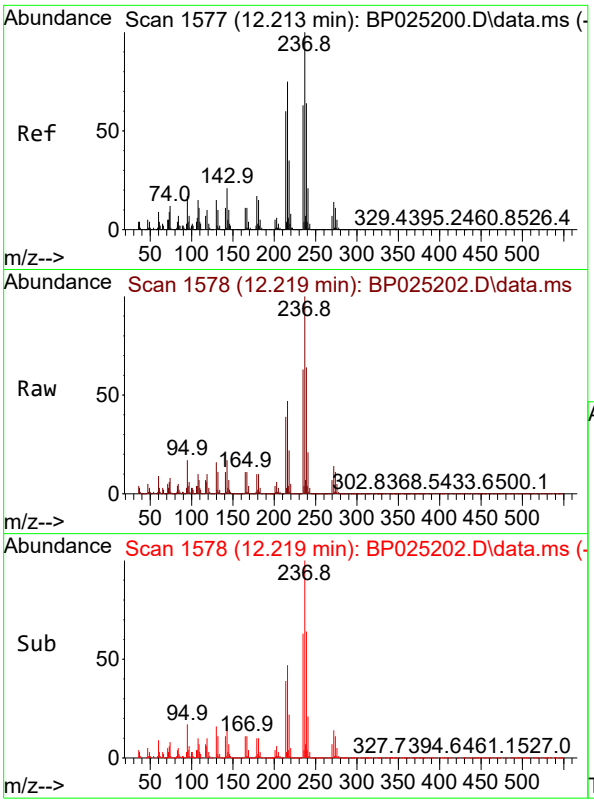




#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.145 ng
RT: 12.236 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:216 Resp: 3229034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 16.7 | 13.2 | 19.8 |



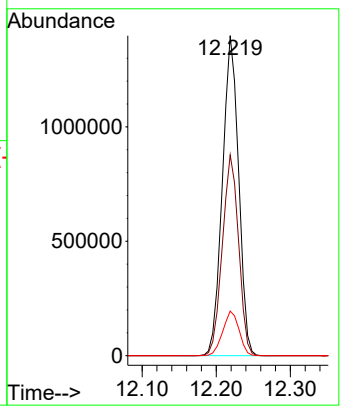


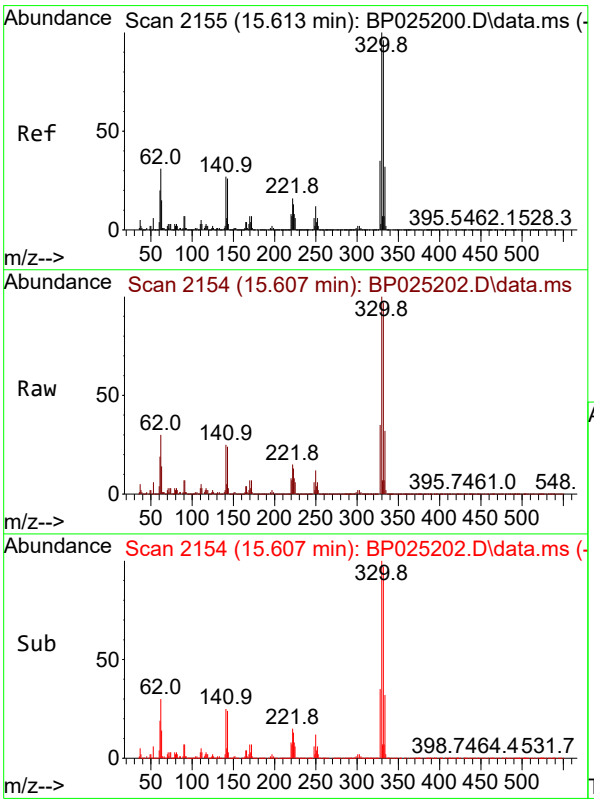

#41
Hexachlorocyclopentadiene
Concen: 68.531 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:237 Resp: 2121694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 42.7 | 82.7 |
| 272 | 14.0 | 0.0 | 33.6 |

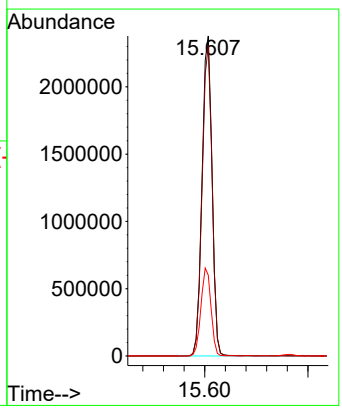


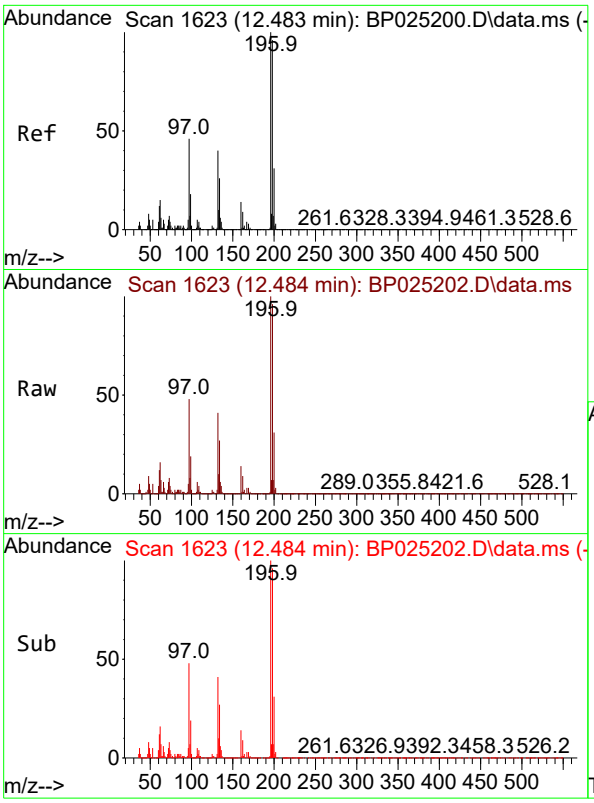




#42
2,4,6-Tribromophenol
Concen: 119.256 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:330 Resp: 3197029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.1 | 115.7 |
| 141 | 27.5 | 22.4 | 33.6 |



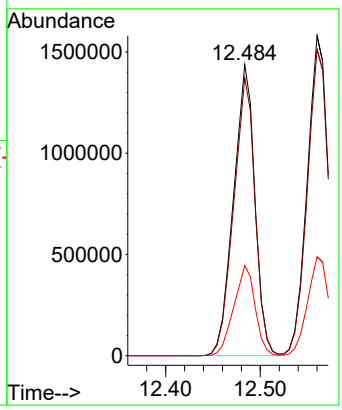


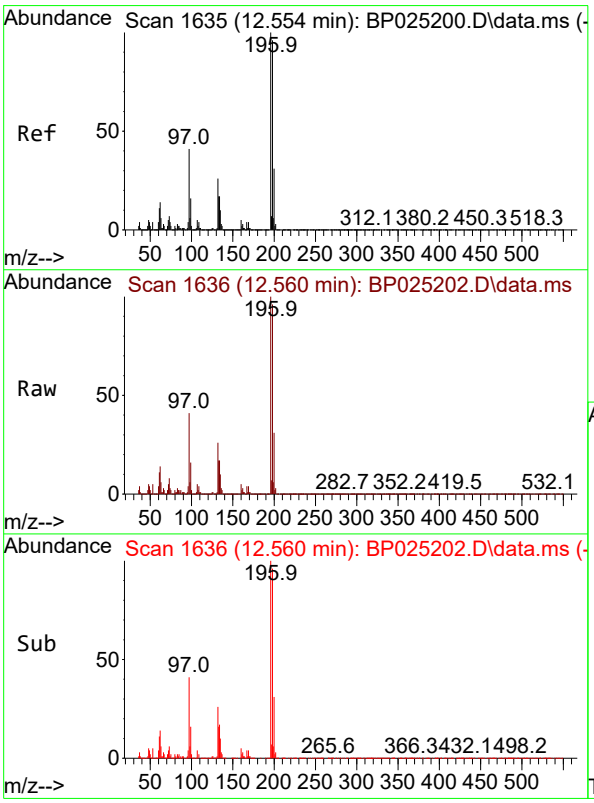

#43
2,4,6-Trichlorophenol
Concen: 61.035 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:196 Resp: 2251566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 76.6 | 114.8 |
| 200 | 31.0 | 24.7 | 37.1 |

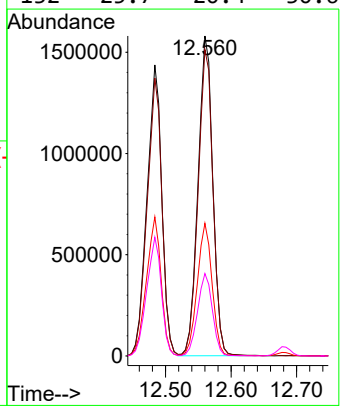


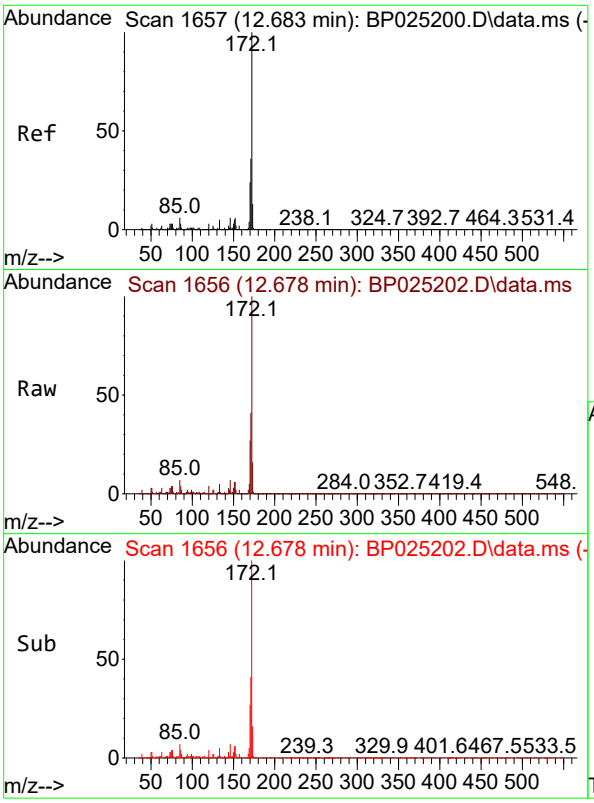




#44
2,4,5-Trichlorophenol
Concen: 61.107 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:196 Resp: 2484748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 76.7 | 115.1 |
| 97 | 41.4 | 33.0 | 49.4 |
| 132 | 25.7 | 20.4 | 30.6 |



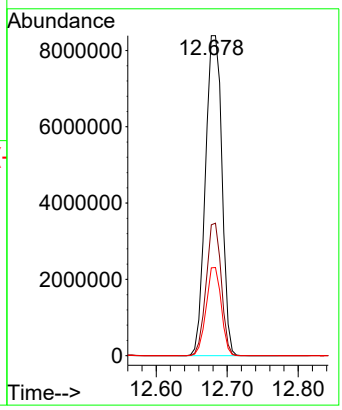


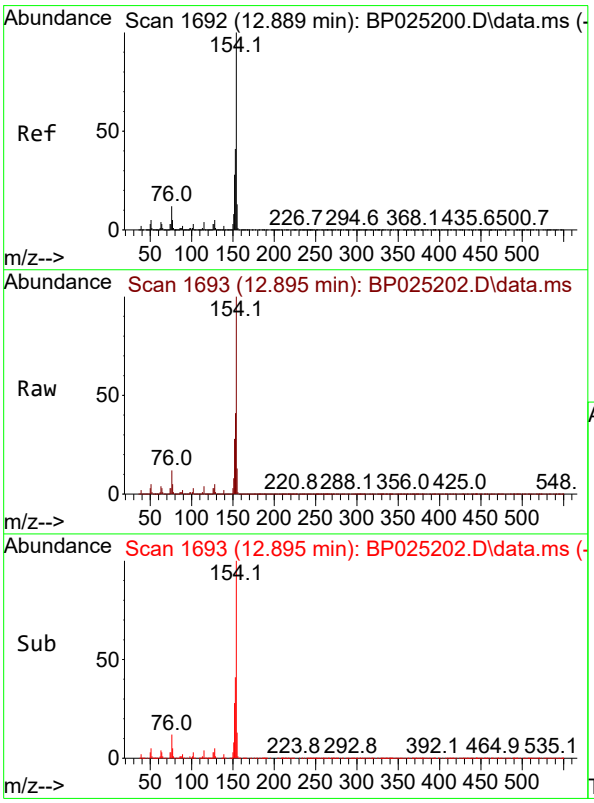

#45
2-Fluorobiphenyl
Concen: 99.423 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:172 Resp:13539099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.9 | 28.8 | 43.2 |
| 170 | 27.4 | 19.2 | 28.8 |

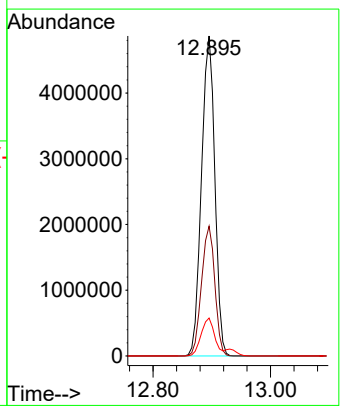


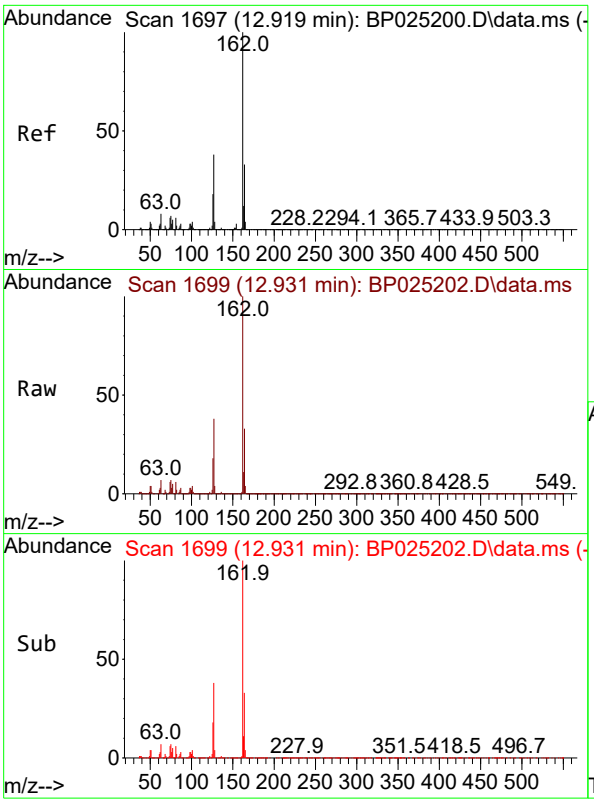




#46
1,1'-Biphenyl
Concen: 57.545 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 7671161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.8 | 60.8 |
| 76 | 11.8 | 0.0 | 31.6 |



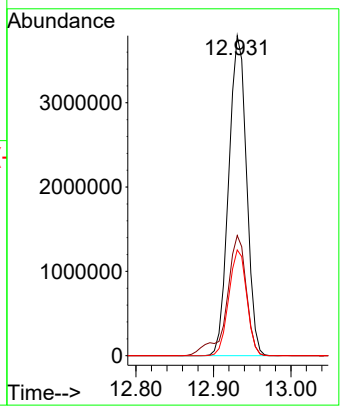


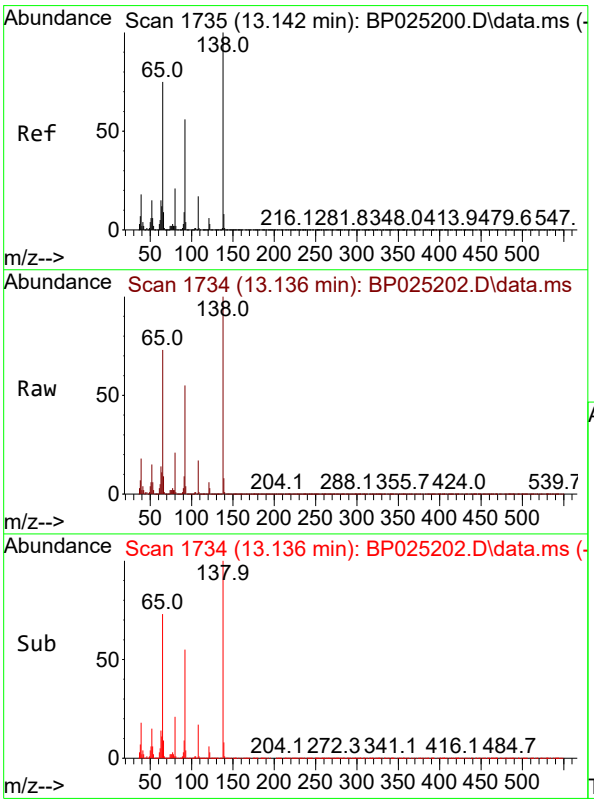

#47
2-Chloronaphthalene
Concen: 58.817 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 6074581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 33.0 | 26.5 | 39.7 |

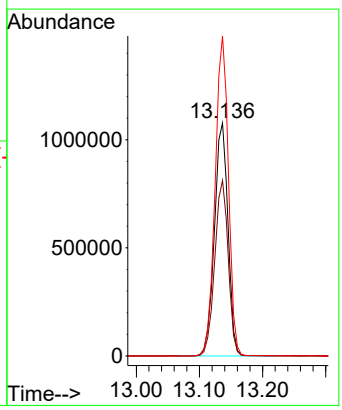


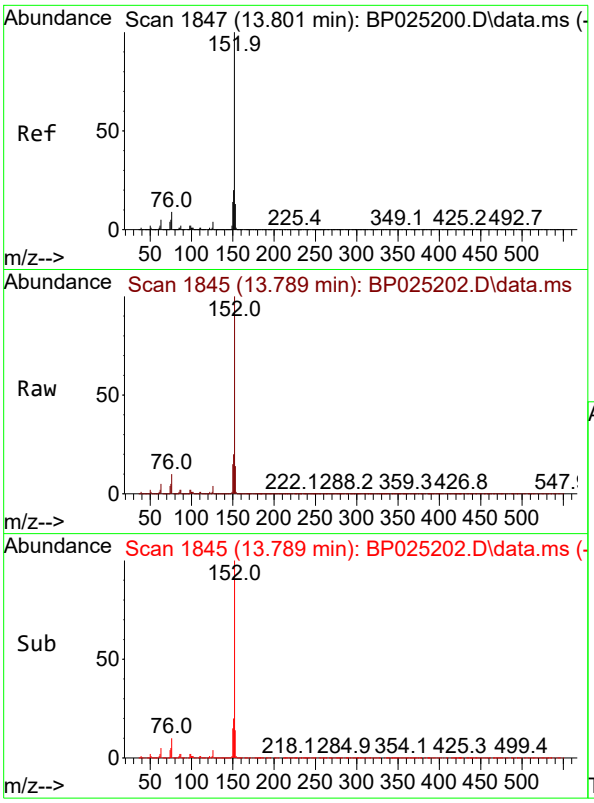




#48
2-Nitroaniline
Concen: 61.905 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion: 65 Resp: 1603764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.4 | 59.9 | 89.9 |
| 138 | 137.4 | 107.1 | 160.7 |



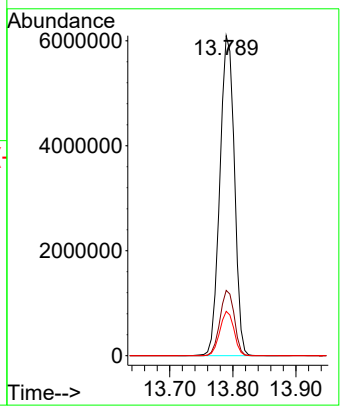


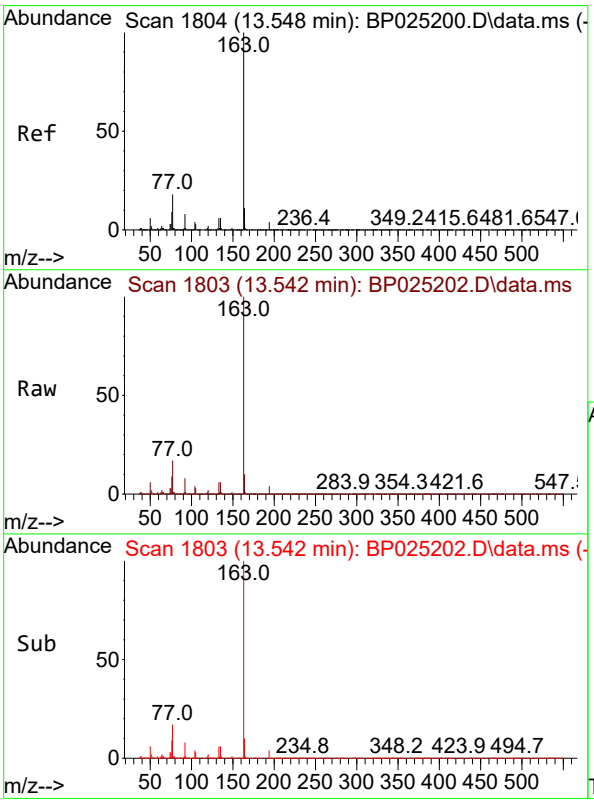

#49
Acenaphthylene
Concen: 57.536 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 9744261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.2 | 24.2 |
| 153 | 13.9 | 10.6 | 15.8 |

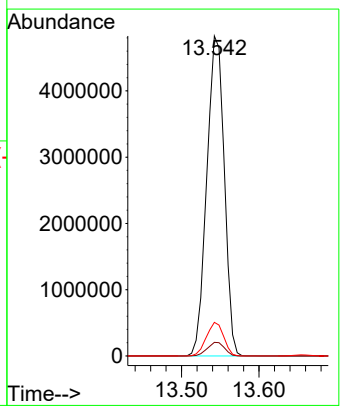


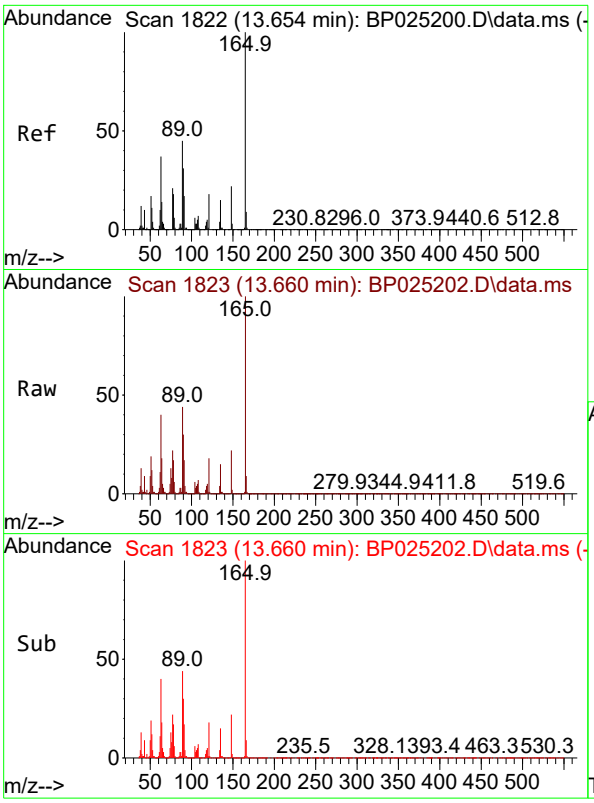




#50
Dimethylphthalate
Concen: 57.607 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:163 Resp: 7577608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.5 | 8.5 | 12.7 |



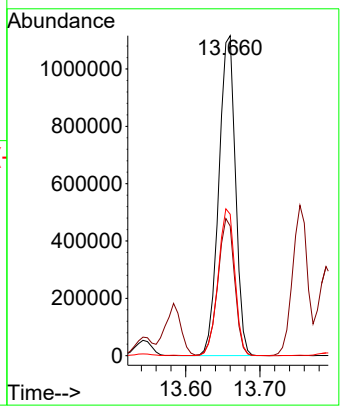


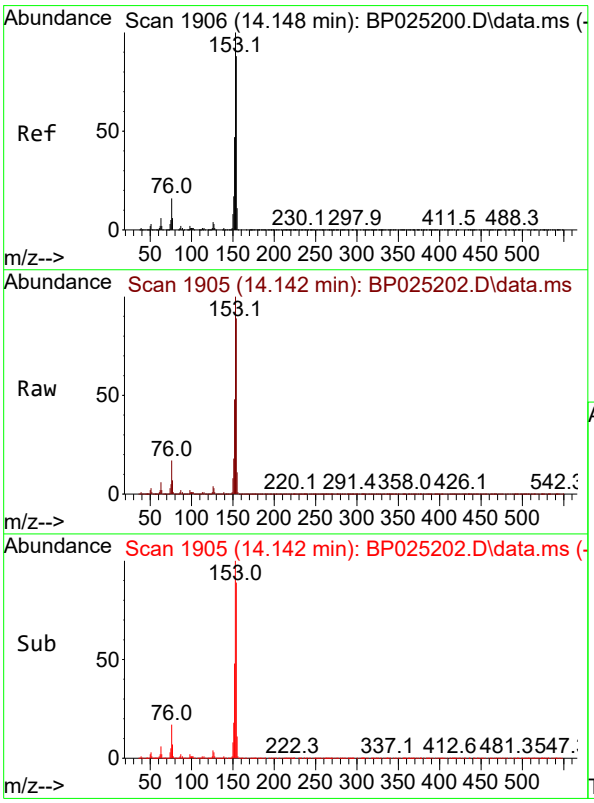

#51
2,6-Dinitrotoluene
Concen: 62.447 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 1738822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.5 | 33.4 | 50.2 |
| 89 | 44.2 | 36.3 | 54.5 |

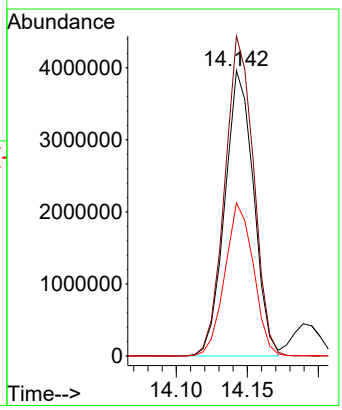


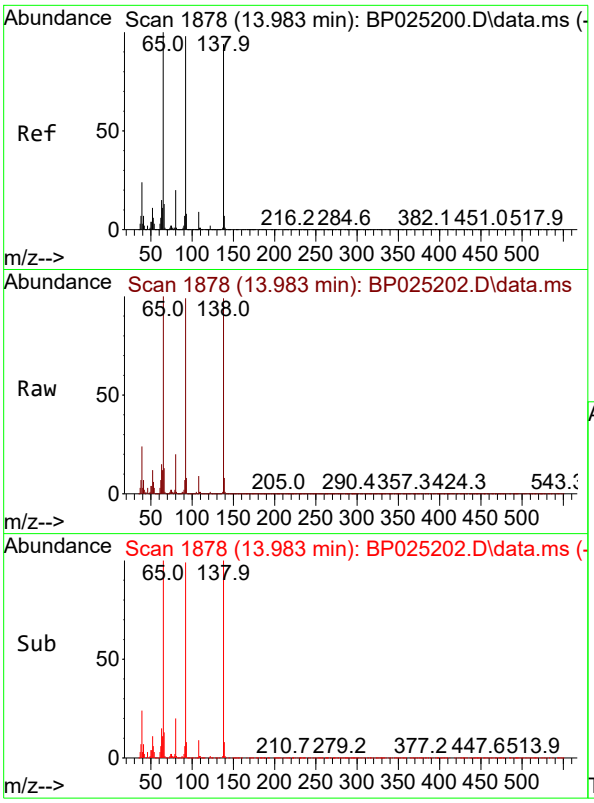




#52
Acenaphthene
Concen: 57.185 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:154 Resp: 5579143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.1 | 90.7 | 136.1 |
| 152 | 53.6 | 42.9 | 64.3 |



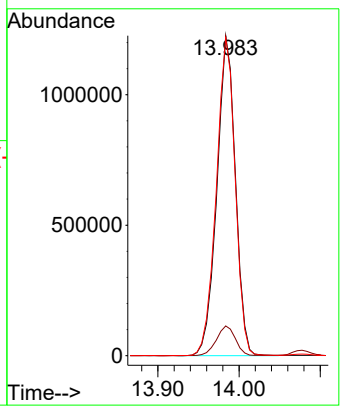


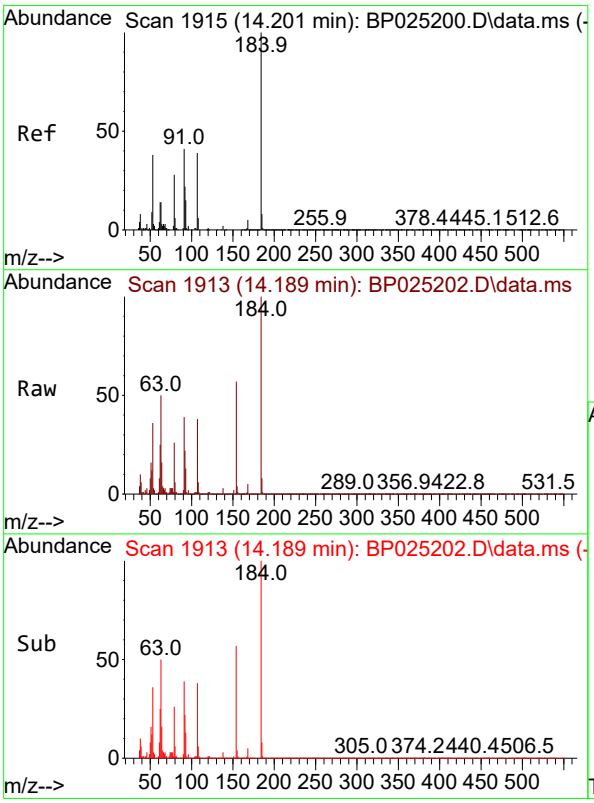

#53
3-Nitroaniline
Concen: 62.002 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:138 Resp: 1947927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.3 | 7.5 | 11.3 |
| 92 | 99.5 | 83.2 | 124.8 |

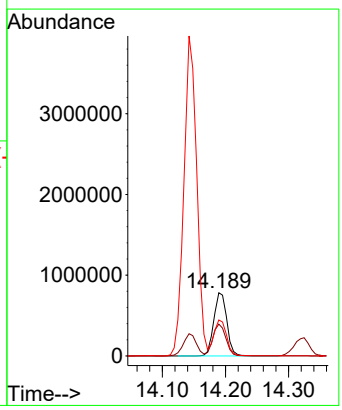


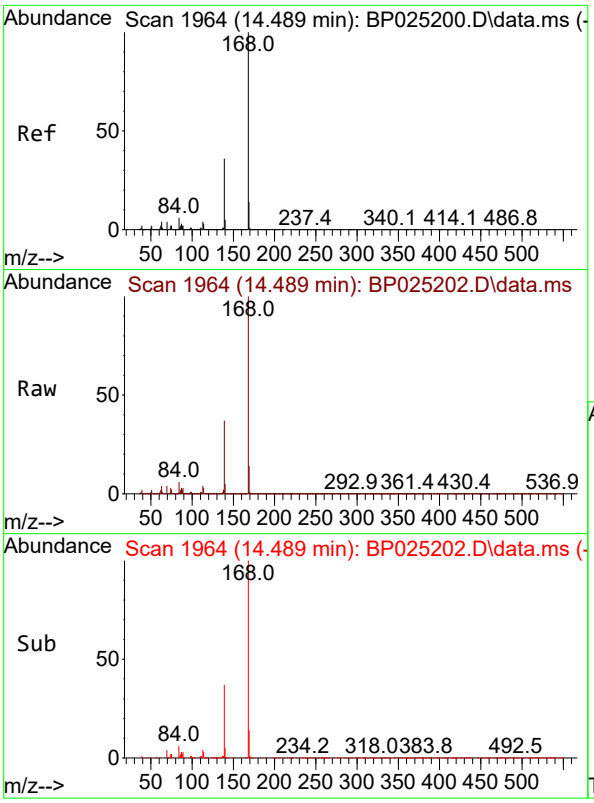




#54
2,4-Dinitrophenol
Concen: 71.772 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:184 Resp: 1119889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.3 | 41.8 | 62.8 |
| 154 | 57.0 | 45.7 | 68.5 |



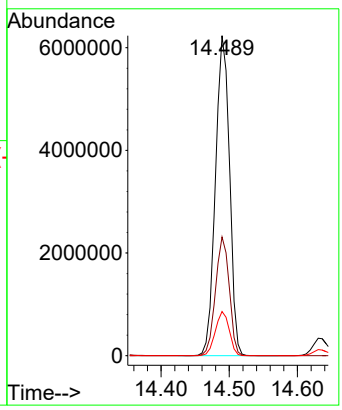


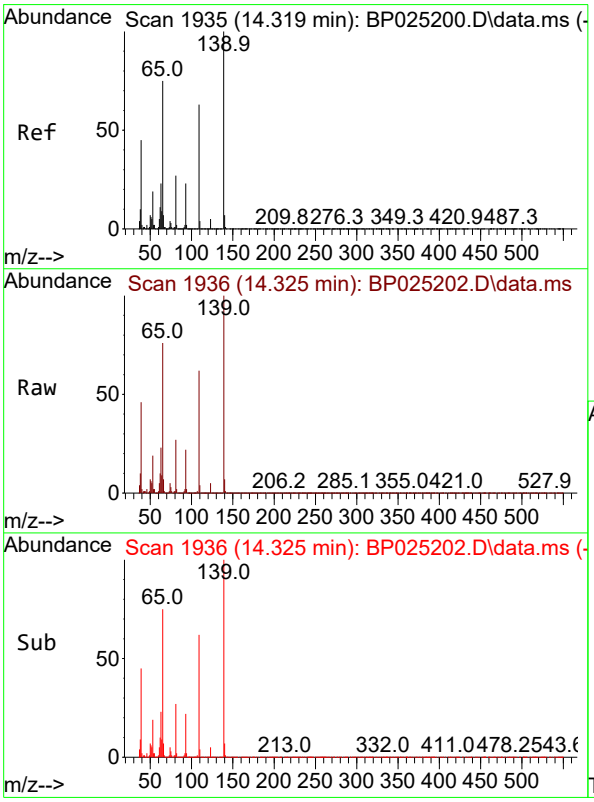

#55
Dibenzofuran
Concen: 56.778 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:168 Resp: 8968837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 28.7 | 43.1 |
| 169 | 13.8 | 10.9 | 16.3 |

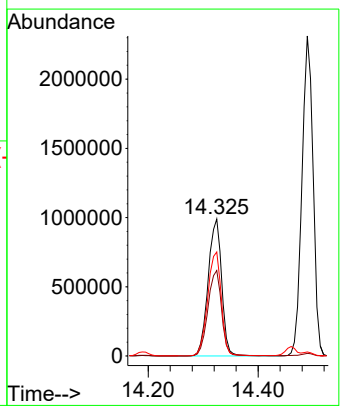


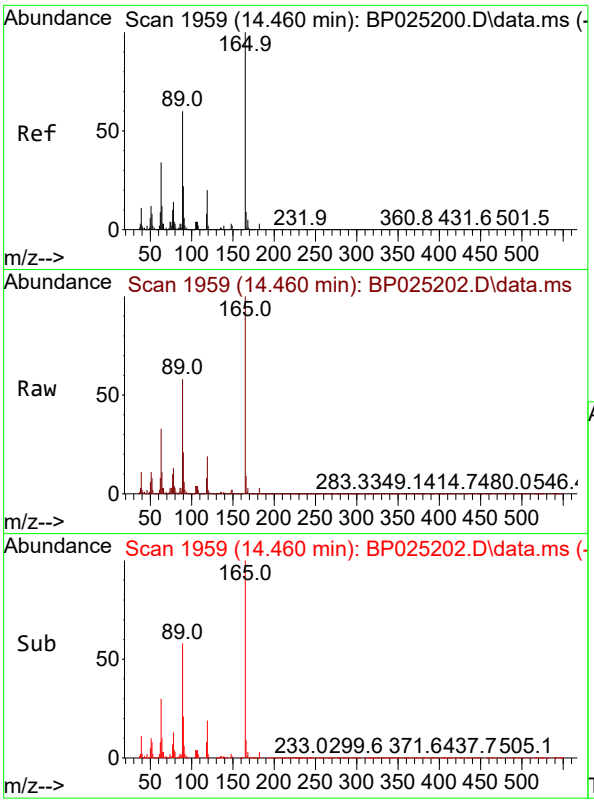




#56
4-Nitrophenol
Concen: 63.331 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:139 Resp: 1695550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.4 | 42.6 | 82.6 |
| 65 | 76.0 | 55.4 | 95.4 |



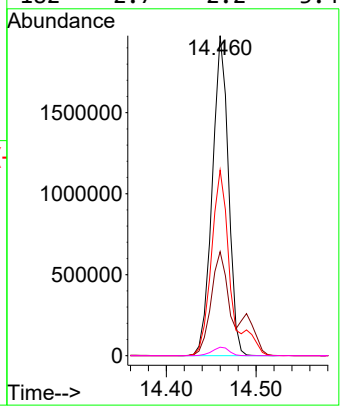


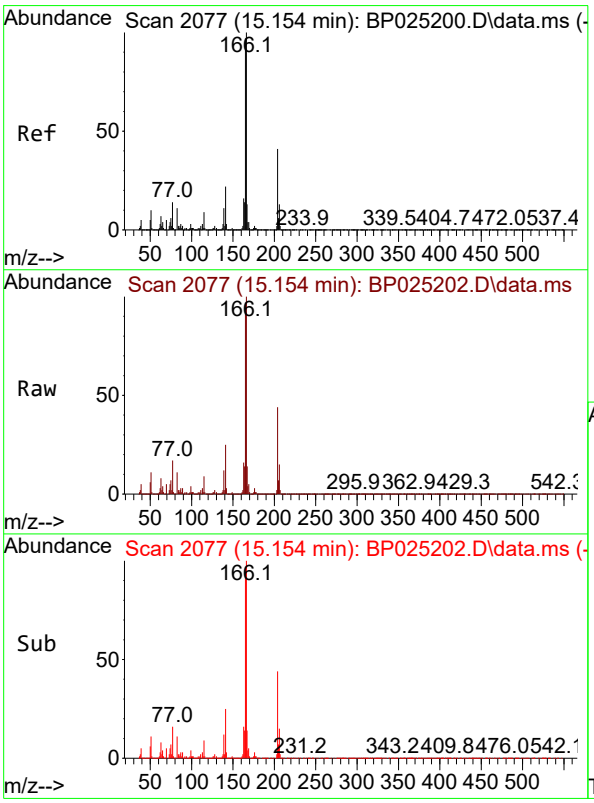

#57
2,4-Dinitrotoluene
Concen: 63.650 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 2469068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.5 | 27.0 | 40.4 |
| 89 | 58.0 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |

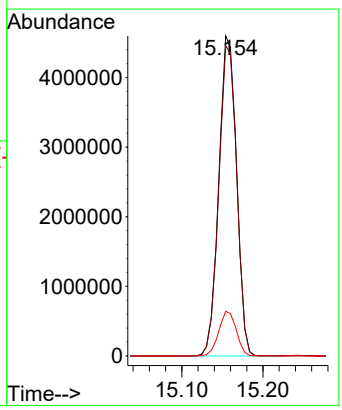


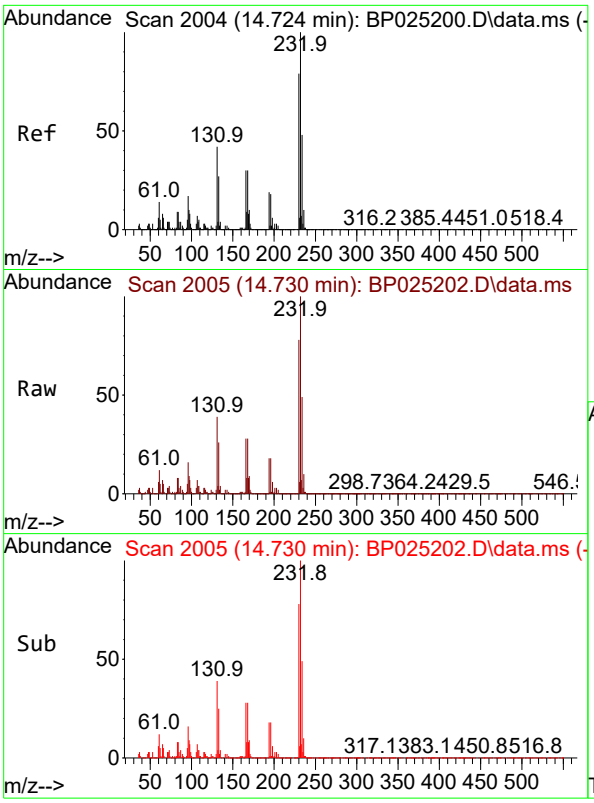




#58
Fluorene
Concen: 55.543 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:166 Resp: 6997947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 78.0 | 117.0 |
| 167 | 13.9 | 10.7 | 16.1 |



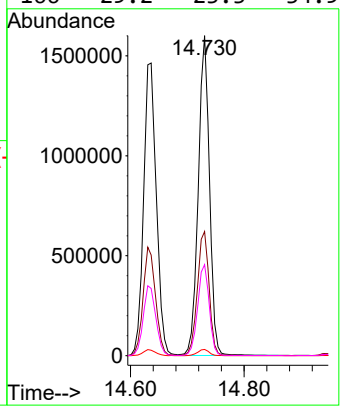


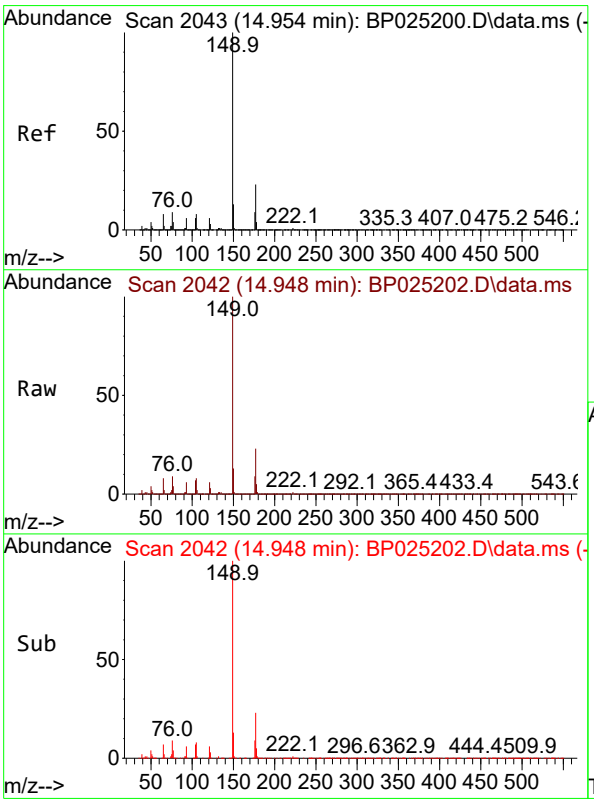

#59
2,3,4,6-Tetrachlorophenol
Concen: 61.026 ng
RT: 14.730 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:232 Resp: 2196650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.8 | 32.6 | 48.8 |
| 130 | 2.0 | 1.6 | 2.4 |
| 166 | 29.2 | 23.3 | 34.9 |

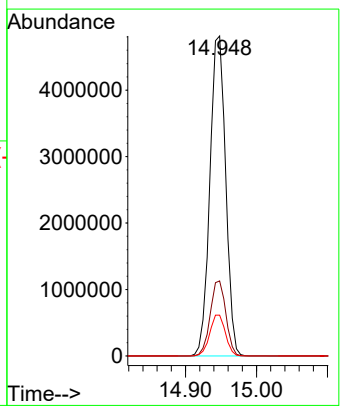


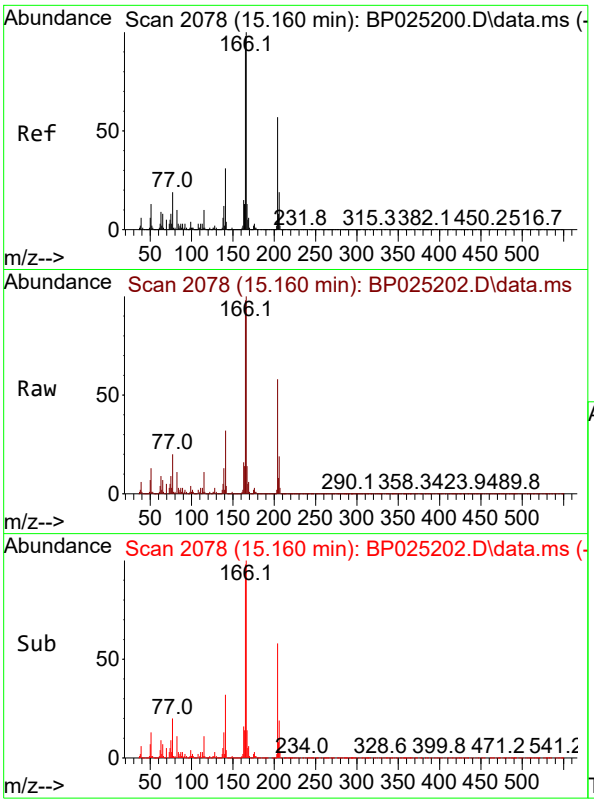




#60
Diethylphthalate
Concen: 57.319 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 7449753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.5 | 18.4 | 27.6 |
| 150 | 12.8 | 10.0 | 15.0 |



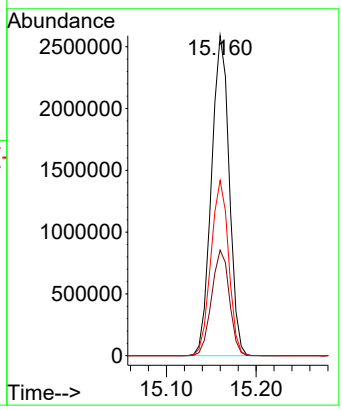


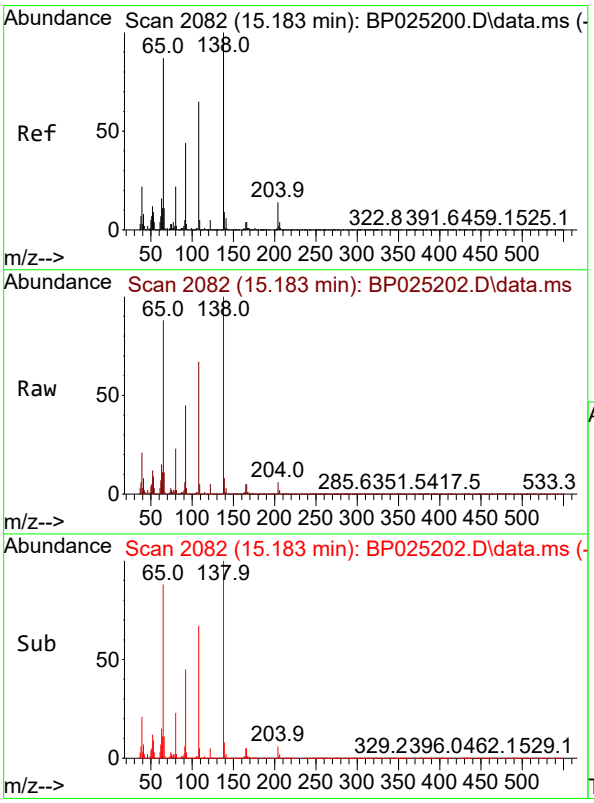

#61
4-Chlorophenyl-phenylether
Concen: 55.969 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:204 Resp: 3554251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.3 | 39.5 |
| 141 | 54.8 | 43.0 | 64.6 |

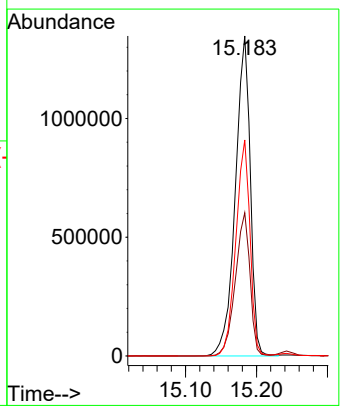


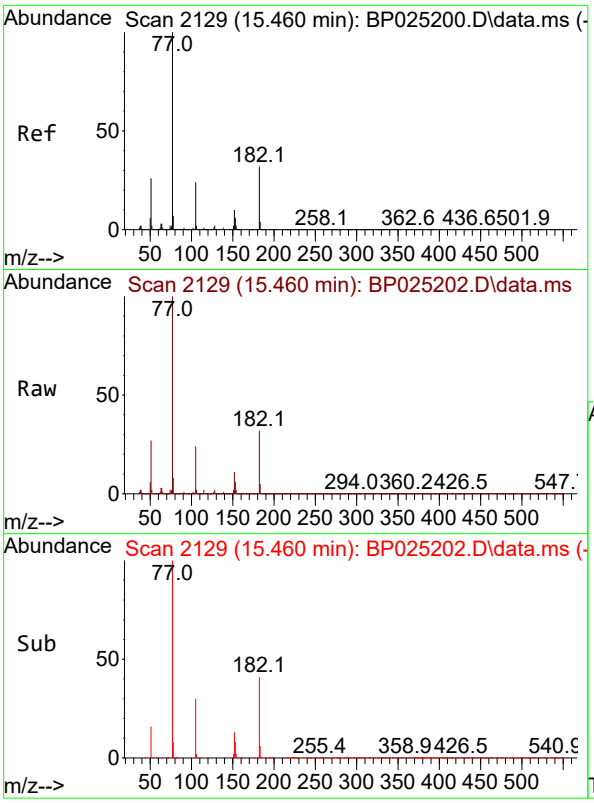




#62
4-Nitroaniline
Concen: 61.804 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:138 Resp: 1978662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.8 | 24.0 | 64.0 |
| 108 | 67.5 | 44.9 | 84.9 |



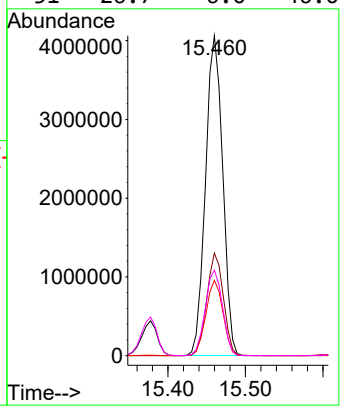


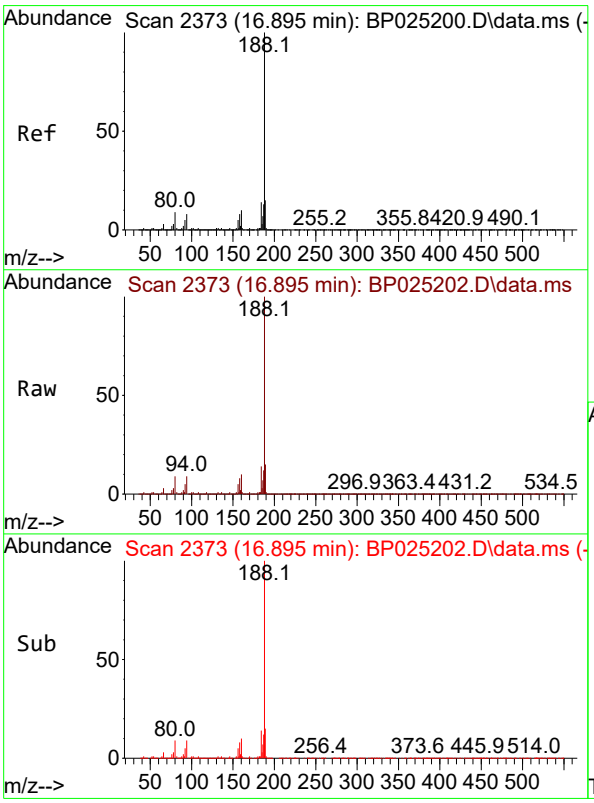

#63
Azobenzene
Concen: 59.884 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 6251887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.1 | 12.0 | 52.0 |
| 105 | 23.6 | 3.6 | 43.6 |
| 51 | 26.7 | 6.0 | 46.0 |

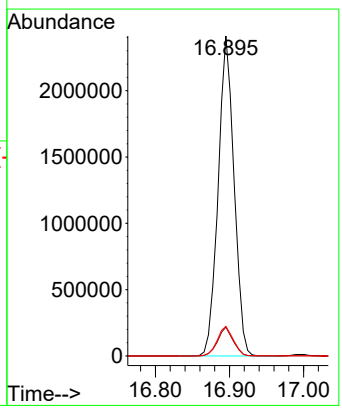


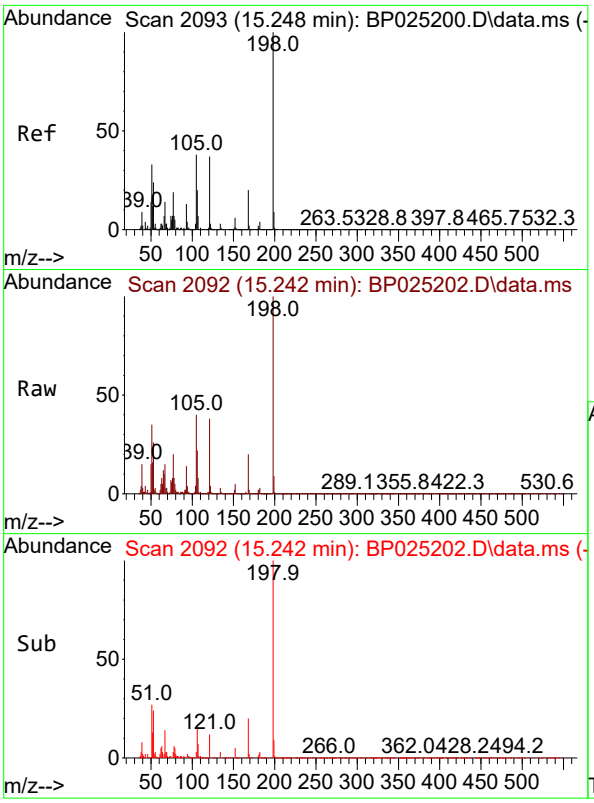




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:188 Resp: 3596132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |



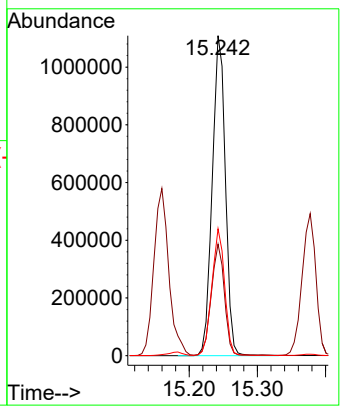


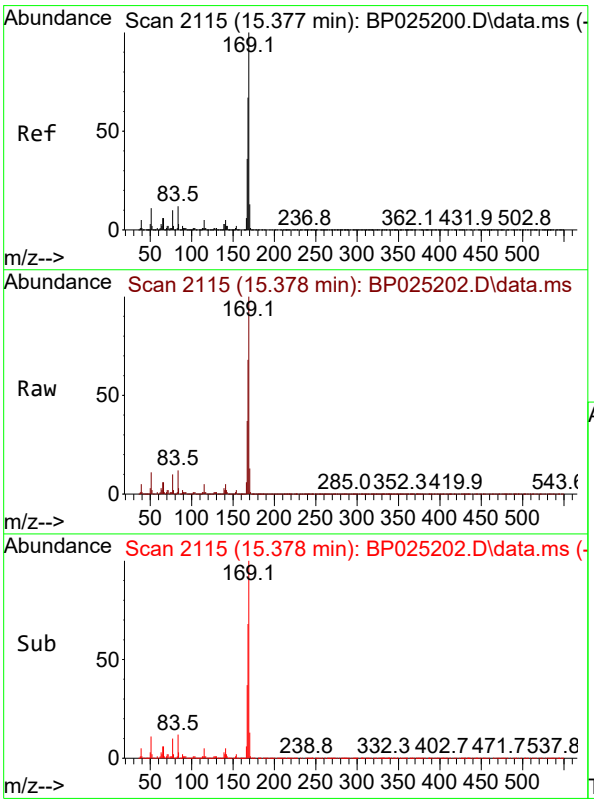

#65
4,6-Dinitro-2-methylphenol
Concen: 66.114 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:198 Resp: 1488428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.8 | 14.6 | 54.6 |
| 105 | 39.6 | 18.3 | 58.3 |

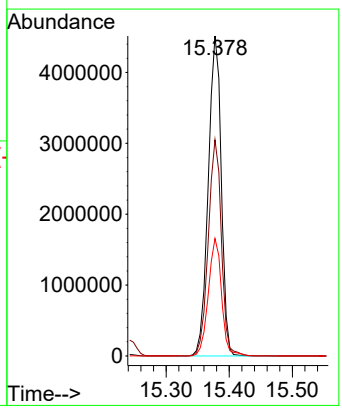


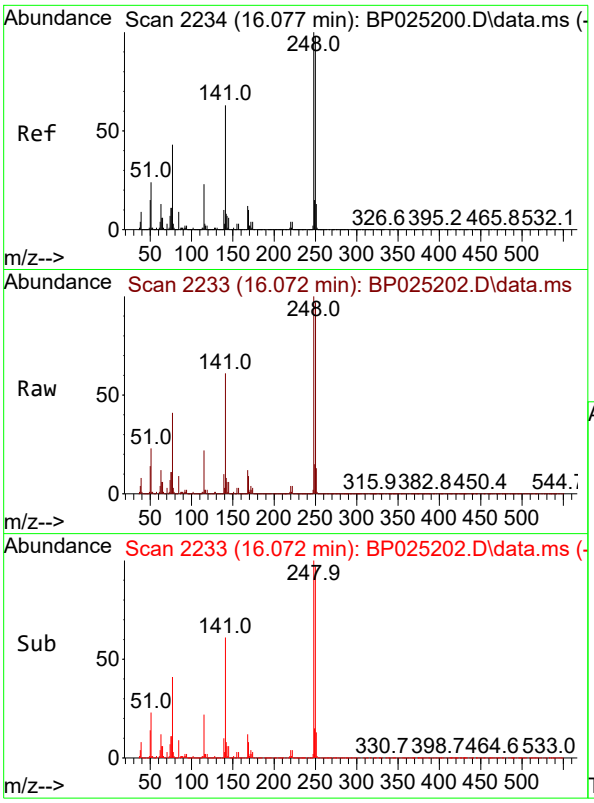




#66
n-Nitrosodiphenylamine
Concen: 57.405 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:169 Resp: 6429114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 53.7 | 80.5 |
| 167 | 36.7 | 29.0 | 43.6 |



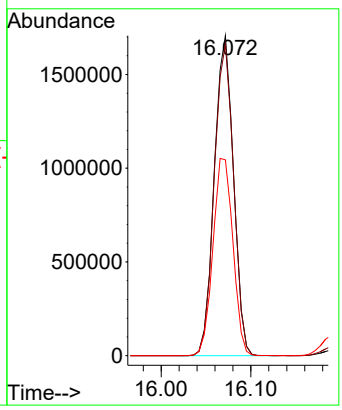


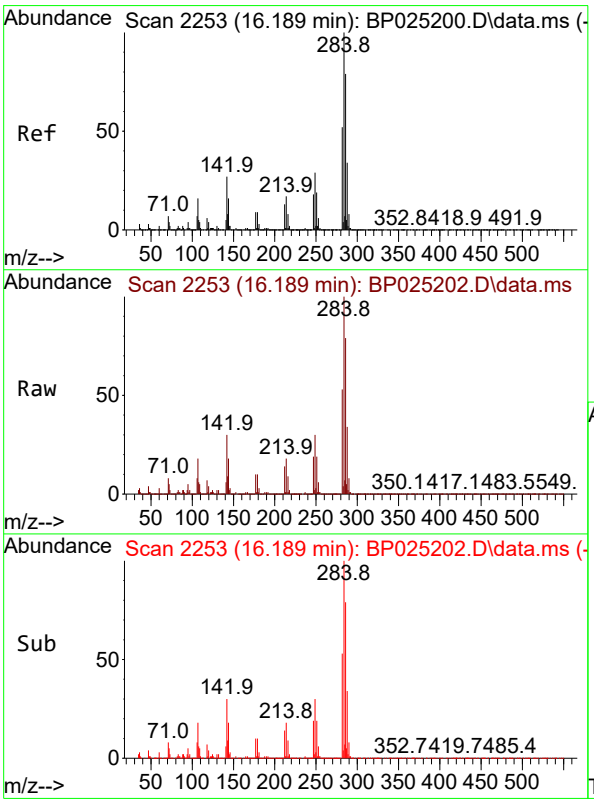

#67
4-Bromophenyl-phenylether
Concen: 59.785 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:248 Resp: 2534895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 78.5 | 117.7 |
| 141 | 61.2 | 50.5 | 75.7 |

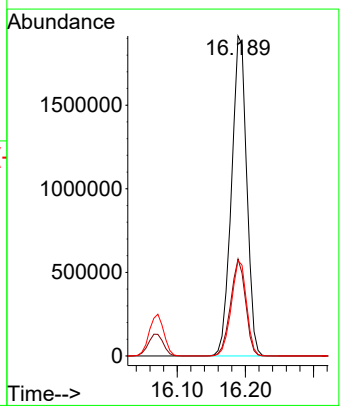


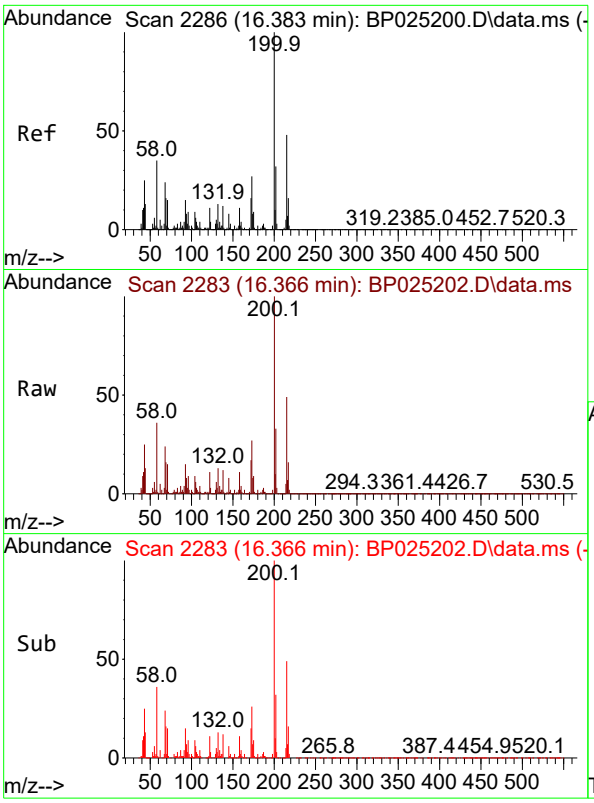




#68
Hexachlorobenzene
Concen: 58.786 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:284 Resp: 2976346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.3 | 21.5 | 32.3 |
| 249 | 29.8 | 23.4 | 35.0 |



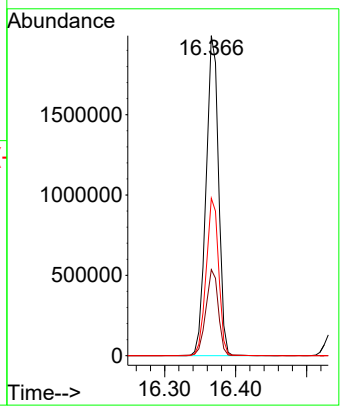


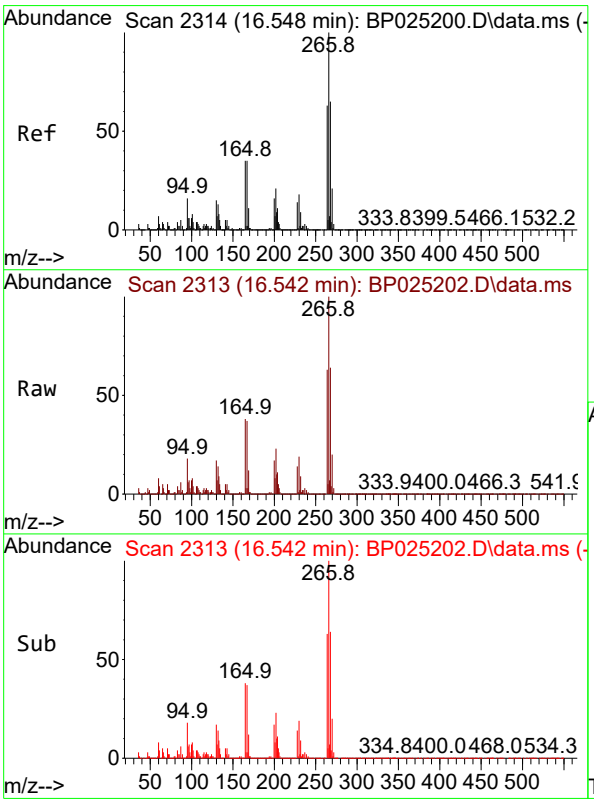

#69
Atrazine
Concen: 59.621 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:200 Resp: 2433839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 7.4 | 47.4 |
| 215 | 49.2 | 28.5 | 68.5 |

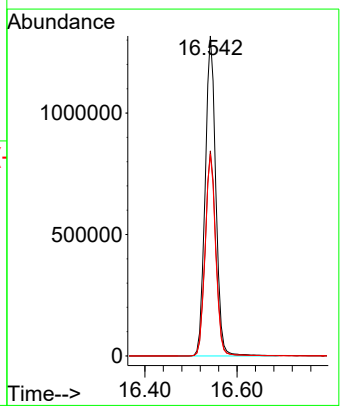


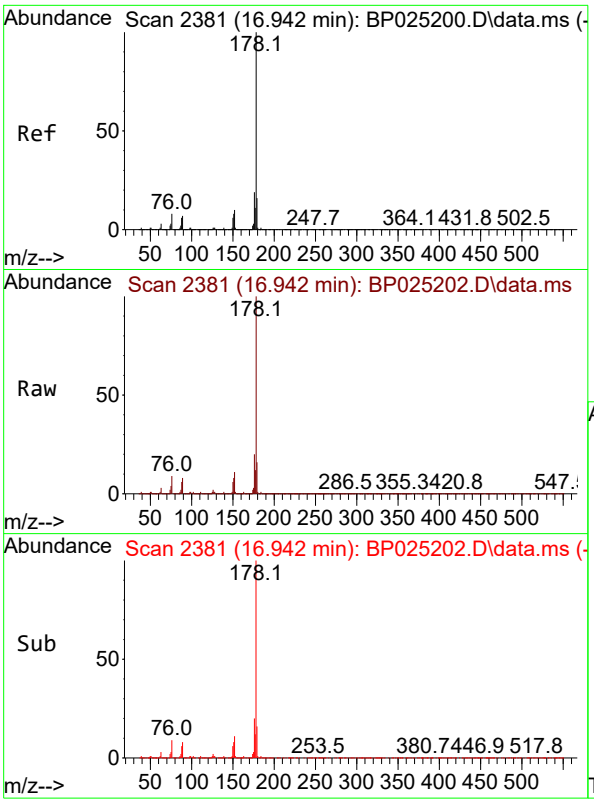




#70
Pentachlorophenol
Concen: 62.871 ng
RT: 16.542 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:266 Resp: 2118802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.1 | 51.8 | 77.6 |
| 264 | 63.1 | 50.3 | 75.5 |



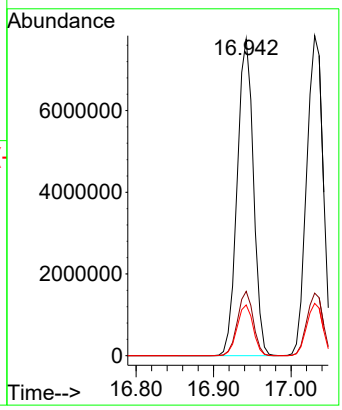


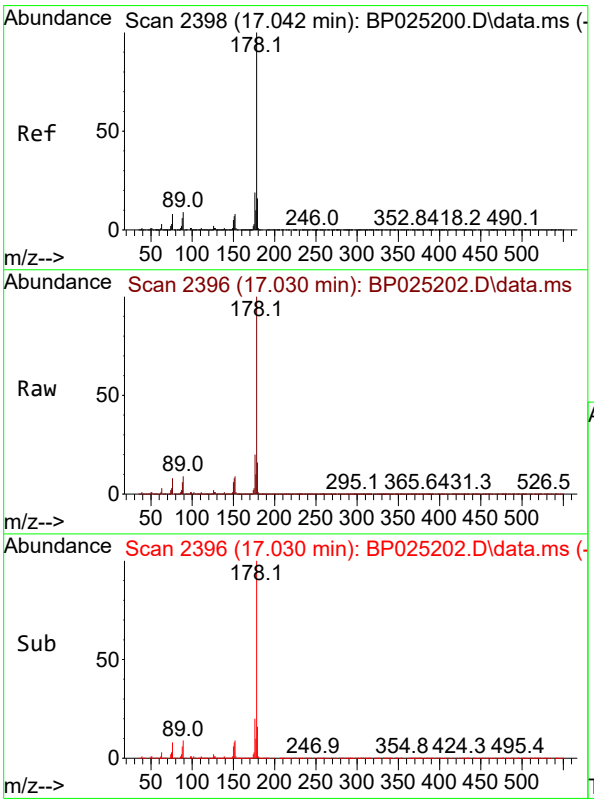

#71
Phenanthrene
Concen: 56.373 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:178 Resp:11295817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 15.6 | 23.4 |
| 179 | 16.0 | 12.5 | 18.7 |

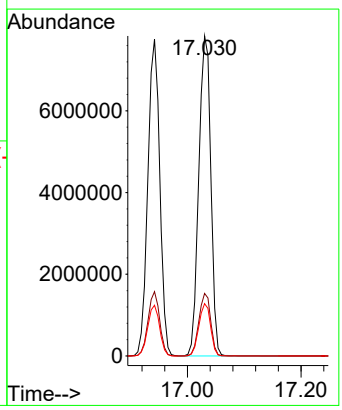


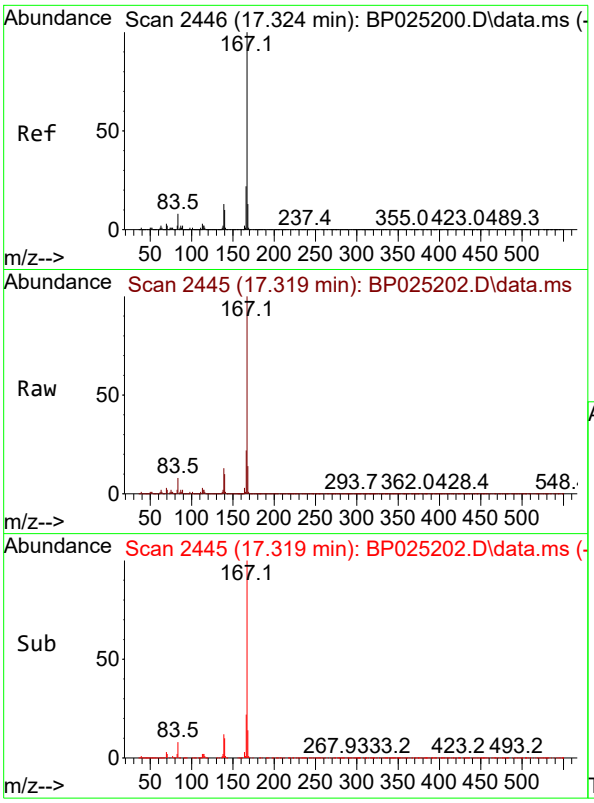




#72
Anthracene
Concen: 56.508 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:178 Resp:11494384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.0 | 22.4 |
| 179 | 16.4 | 12.5 | 18.7 |



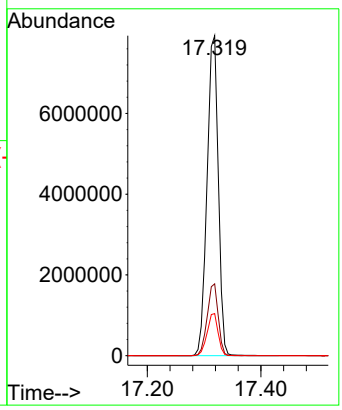


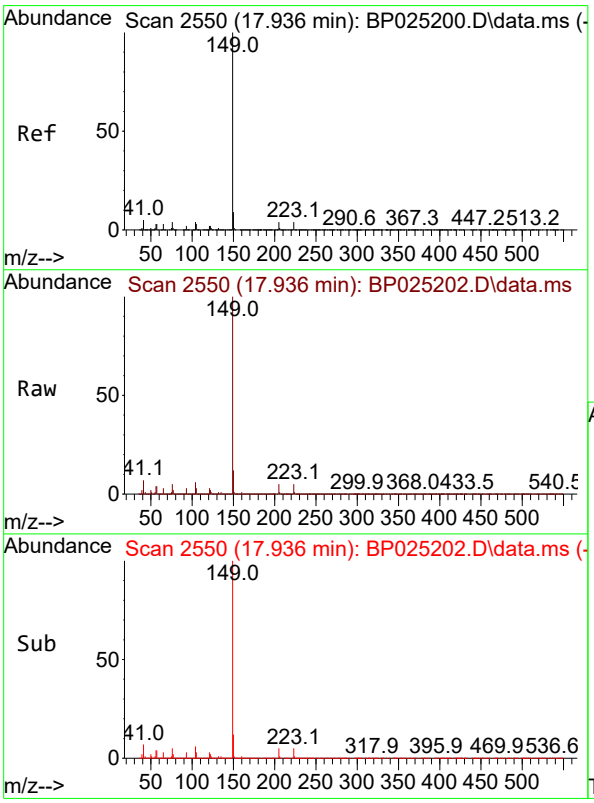

#73
Carbazole
Concen: 55.990 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:167 Resp:10836403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.3 | 25.9 |
| 139 | 13.2 | 10.1 | 15.1 |

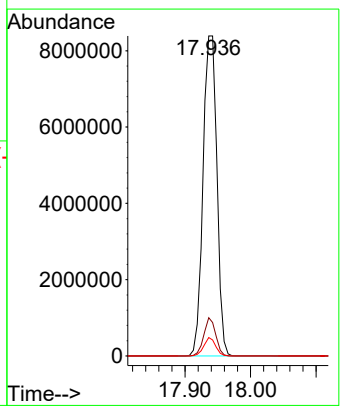


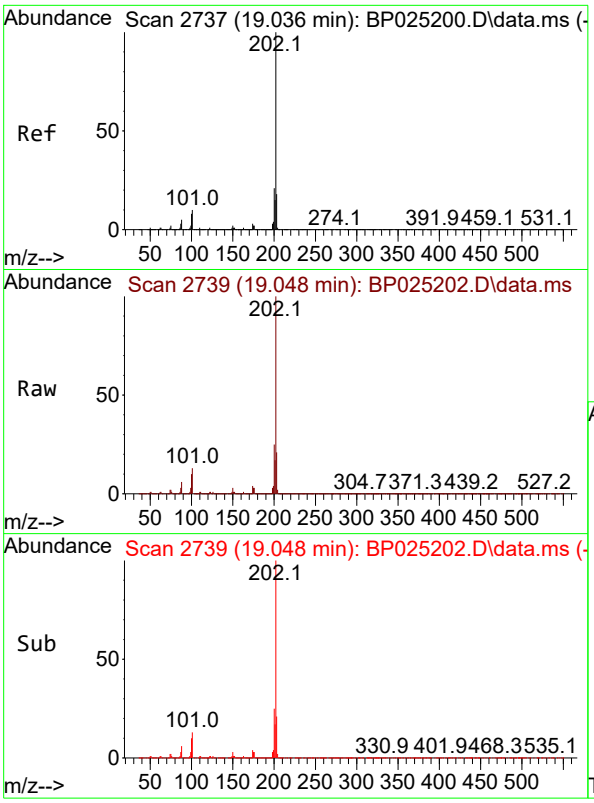




#74
Di-n-butylphthalate
Concen: 54.431 ng
RT: 17.936 min Scan# 2550
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp:12352965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.9 | 7.6 | 11.4# |
| 104 | 5.8 | 3.5 | 5.3# |



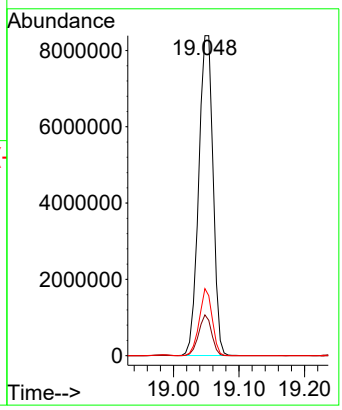


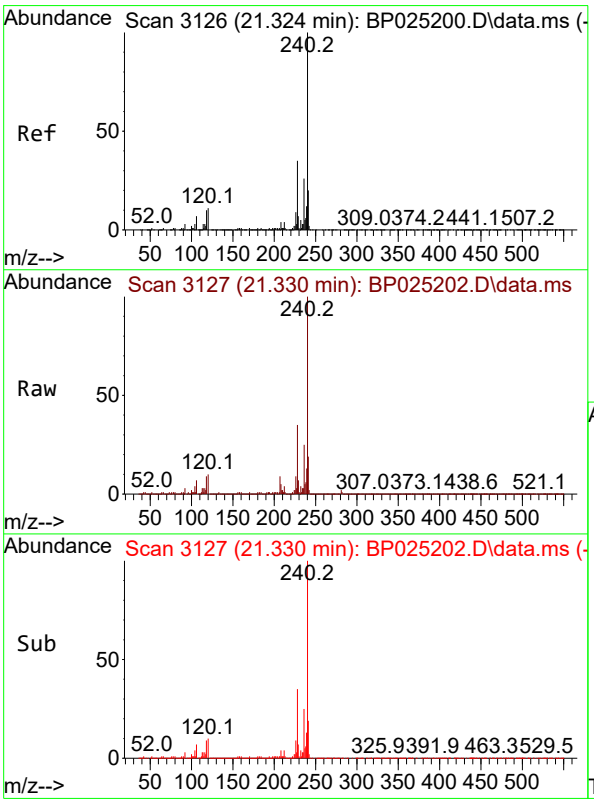

#75
Fluoranthene
Concen: 53.956 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:202 Resp:12783070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.8 | 0.0 | 30.3 |
| 203 | 20.9 | 0.0 | 38.0 |

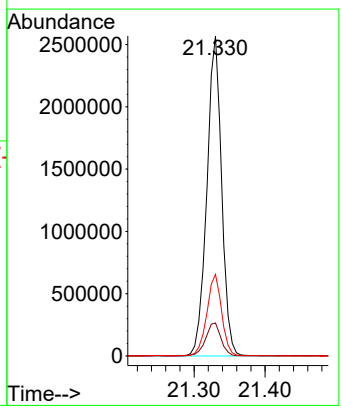


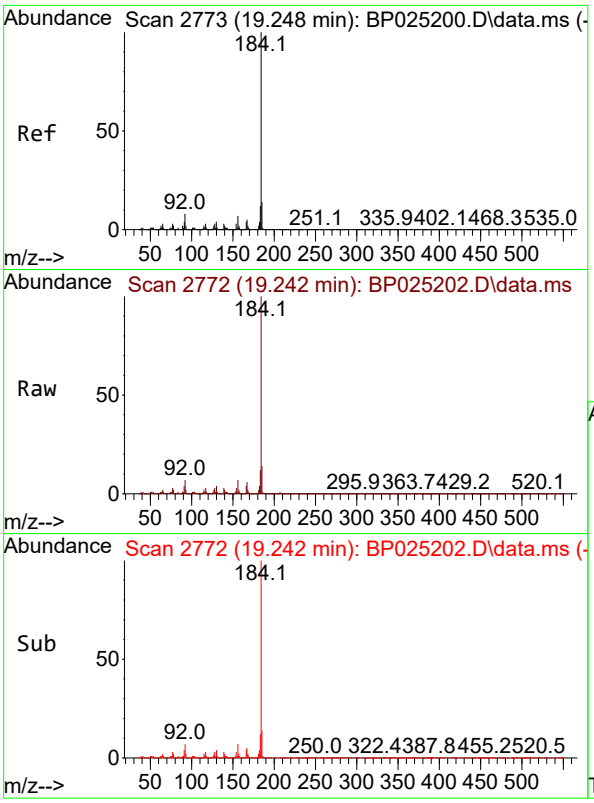




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:240 Resp: 3712729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |



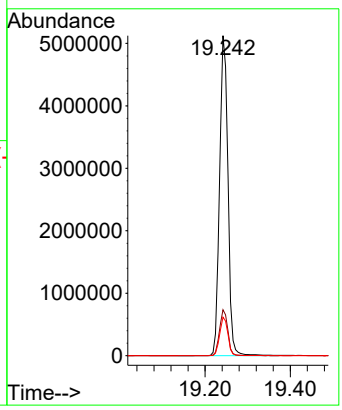


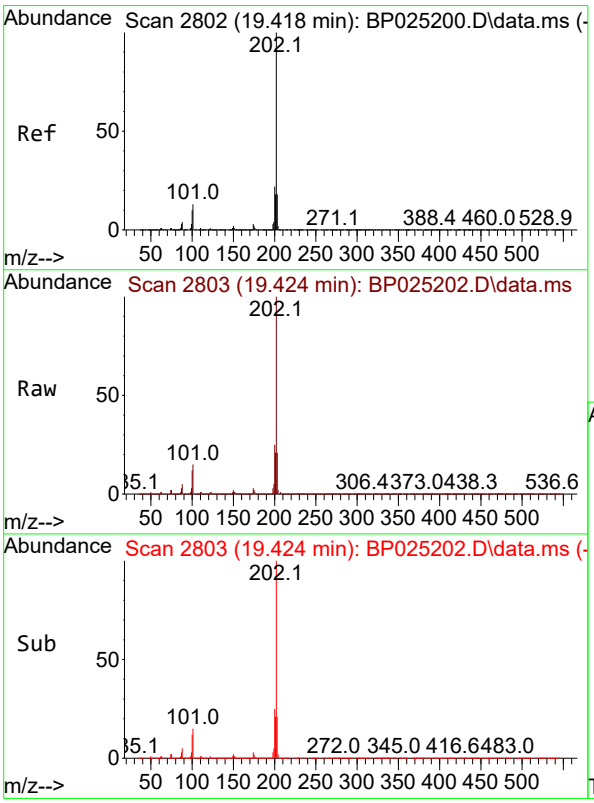

#77
Benzidine
Concen: 49.133 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:184 Resp: 6968232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.5 | 17.3 |
| 183 | 12.1 | 9.6 | 14.4 |

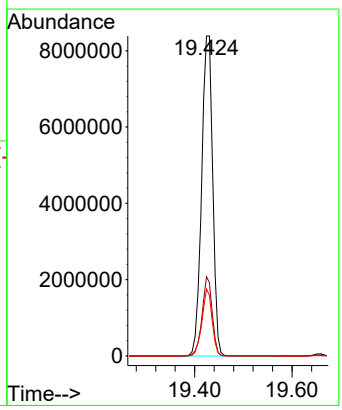


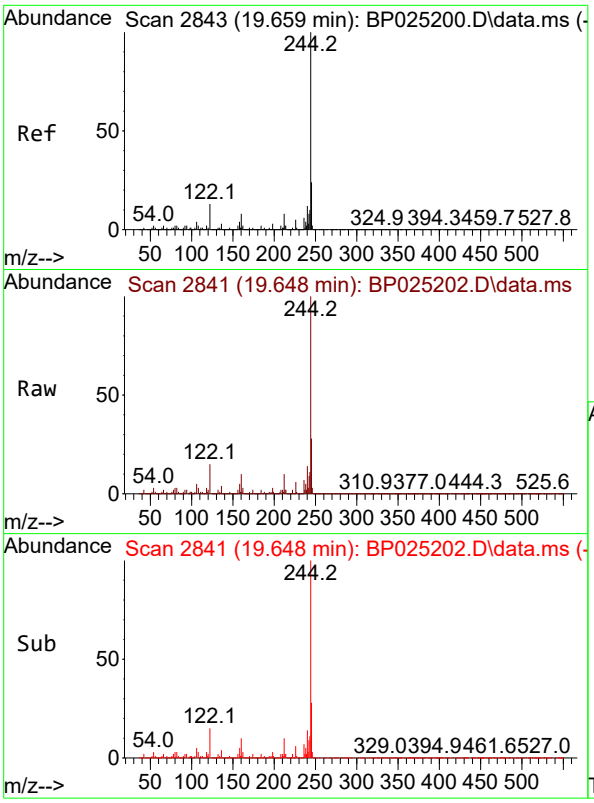




#78
Pyrene
Concen: 56.032 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:202 Resp:13220717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.8 | 17.4 | 26.2 |
| 203 | 20.9 | 14.3 | 21.5 |



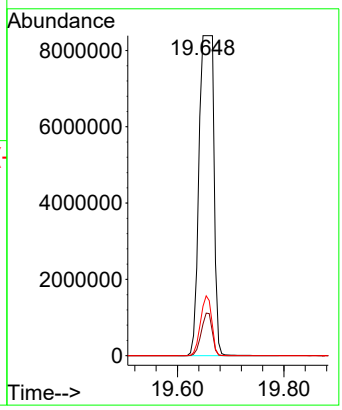


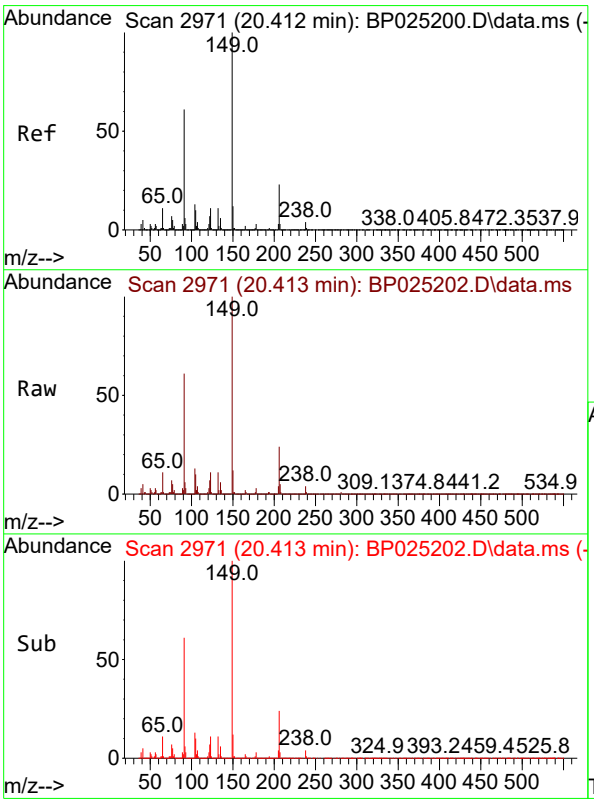

#79
Terphenyl-d14
Concen: 81.157 ng
RT: 19.648 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:244 Resp:16134390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 6.6 | 9.8# |
| 122 | 15.5 | 10.3 | 15.5 |

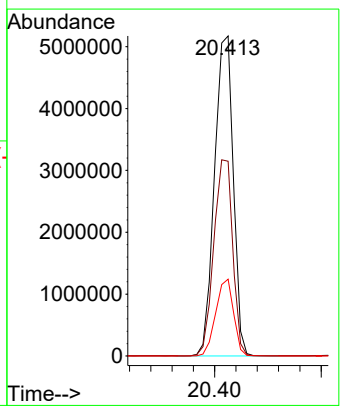


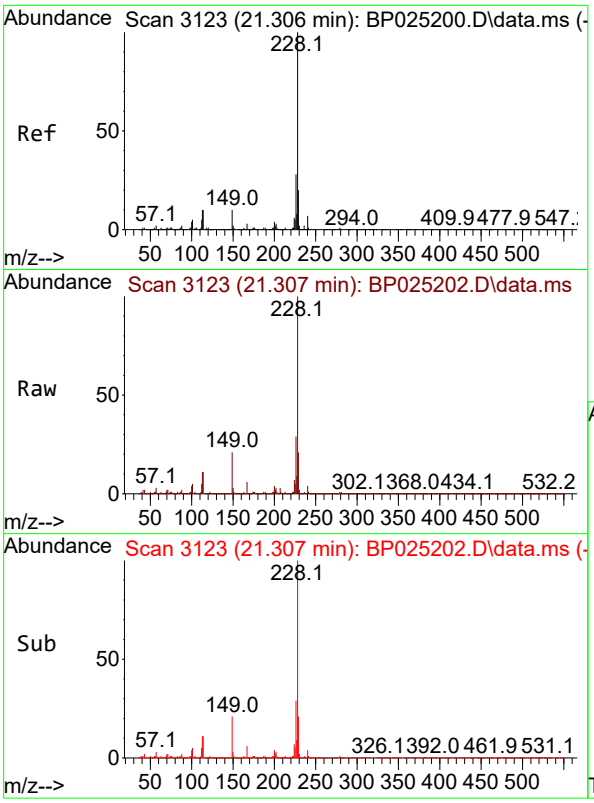




#80
Butylbenzylphthalate
Concen: 60.572 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 6306883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 60.9 | 48.8 | 73.2 |
| 206 | 24.0 | 18.4 | 27.6 |



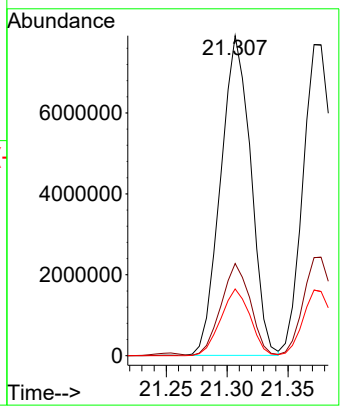


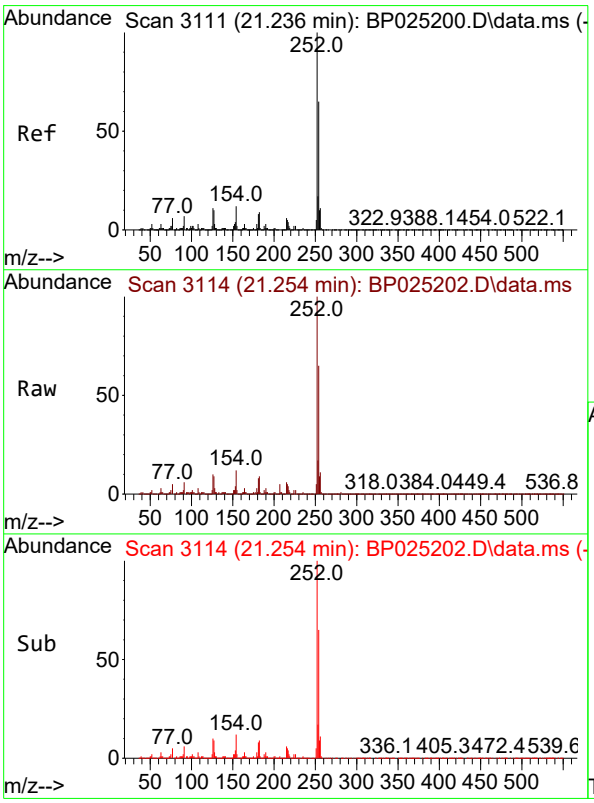

#81
Benzo(a)anthracene
Concen: 56.319 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp:13600779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.8 | 22.3 | 33.5 |
| 229 | 20.9 | 16.2 | 24.2 |

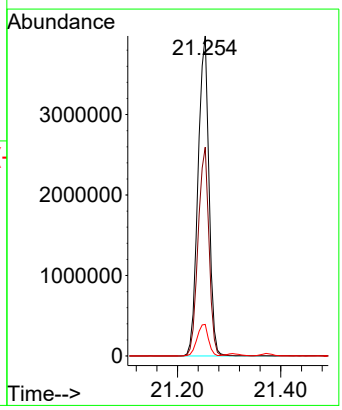


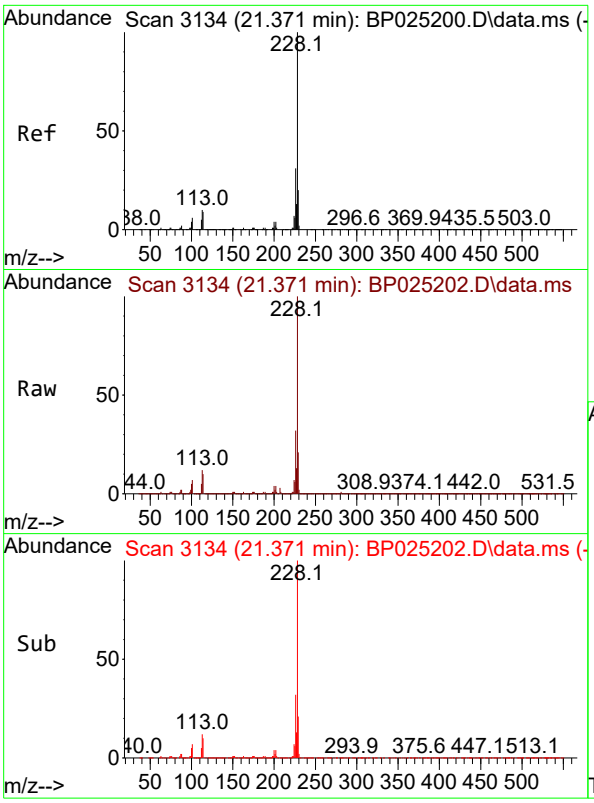




#82
3,3'-Dichlorobenzidine
Concen: 59.005 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp: 5842950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 52.1 | 78.1 |
| 126 | 9.9 | 8.6 | 12.8 |



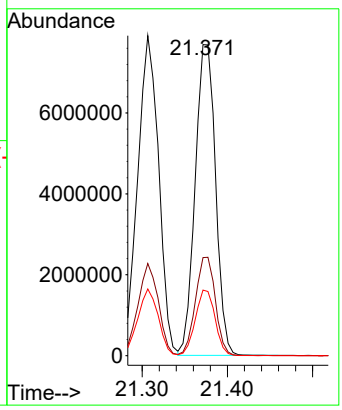


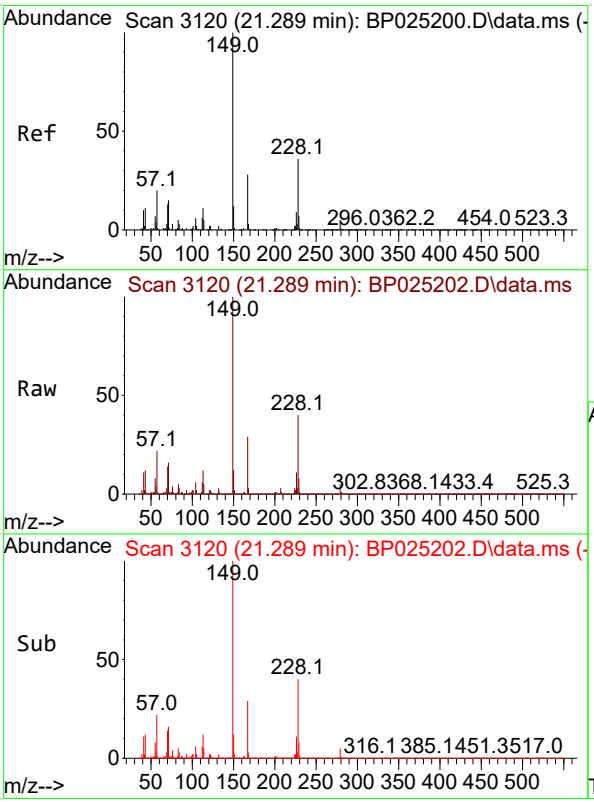

#83
Chrysene
Concen: 56.724 ng
RT: 21.371 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp:12774794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.5 | 24.6 | 37.0 |
| 229 | 21.1 | 16.0 | 24.0 |

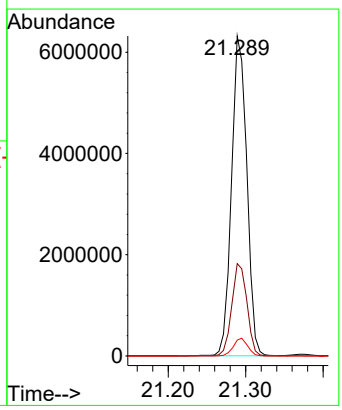


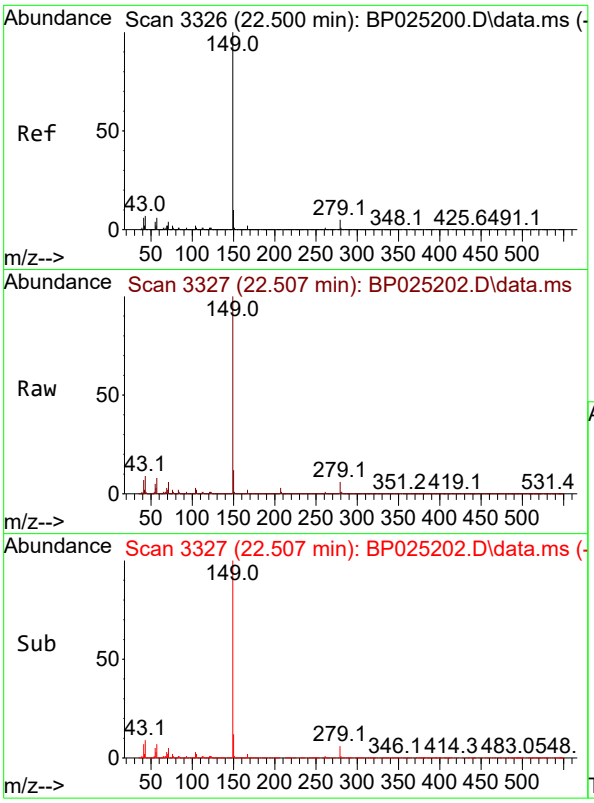




#84
Bis(2-ethylhexyl)phthalate
Concen: 57.201 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:149 Resp: 8682877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.9 | 22.6 | 34.0 |
| 279 | 4.9 | 4.0 | 6.0 |



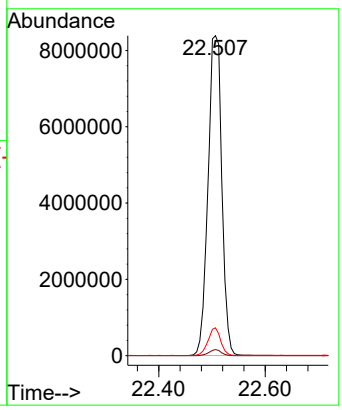


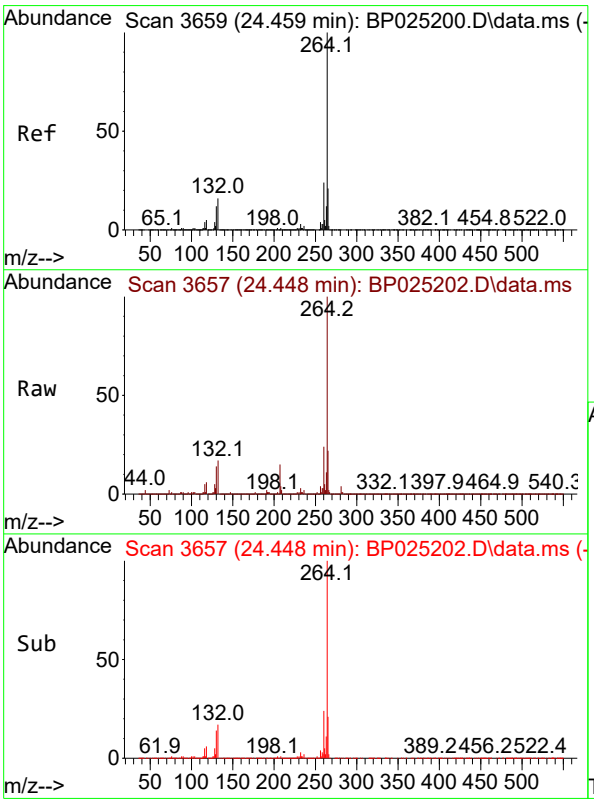

#85
Di-n-octyl phthalate
Concen: 57.015 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:149 Resp:15085392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 7.9 | 6.1 | 9.1 |

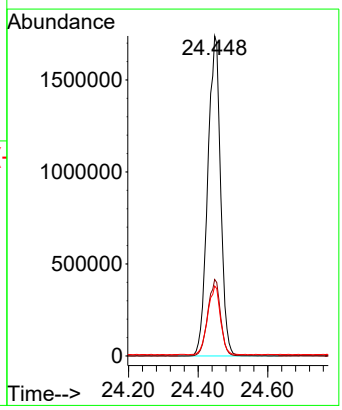


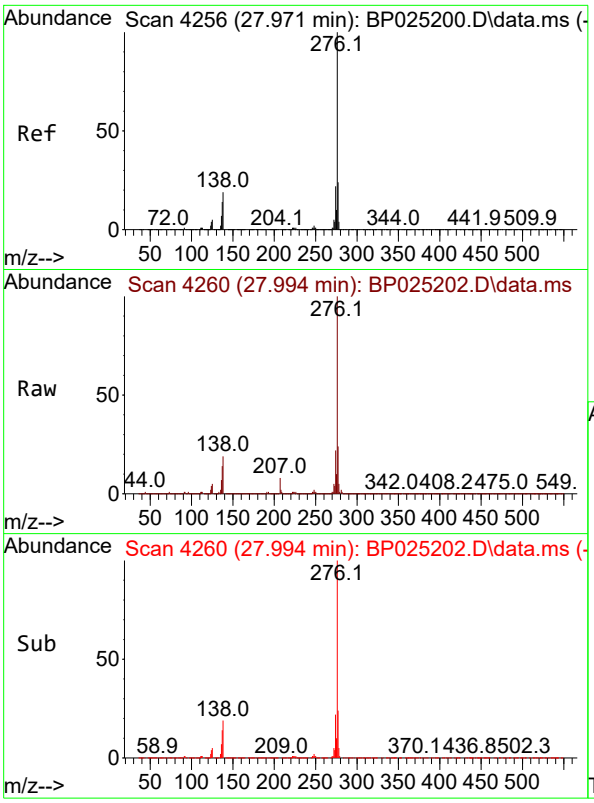




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.012 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:264 Resp: 4449563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.0 | 28.6 |
| 265 | 21.8 | 17.5 | 26.3 |



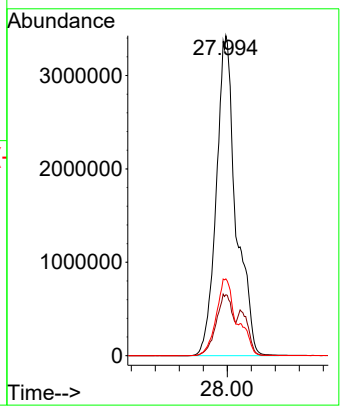


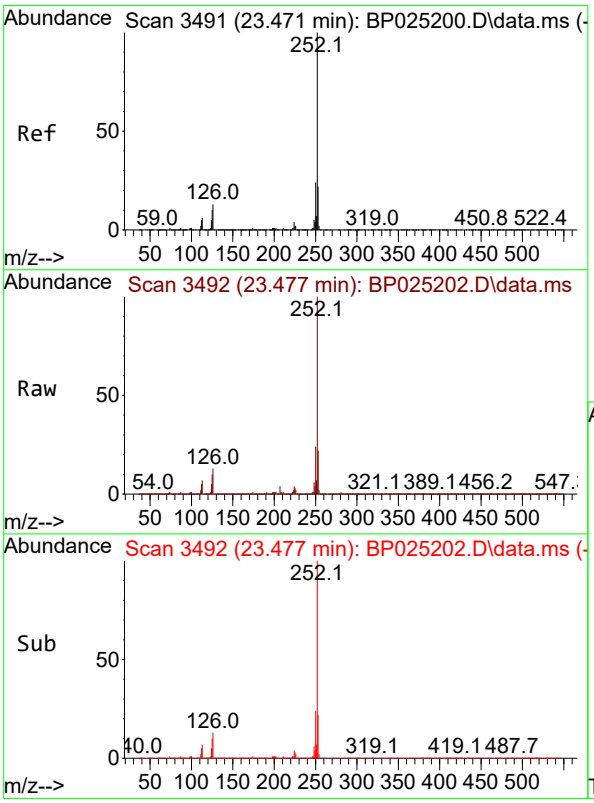

#87
Indeno(1,2,3-cd)pyrene
Concen: 59.597 ng
RT: 27.994 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:276 Resp:19493176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.2 | 12.8 | 19.2 |
| 277 | 25.5 | 20.3 | 30.5 |

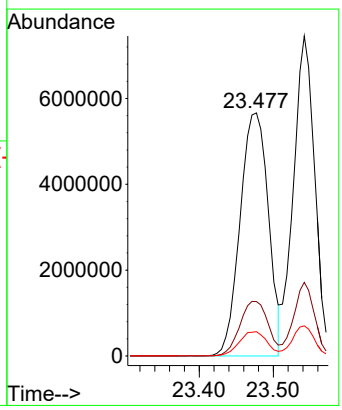


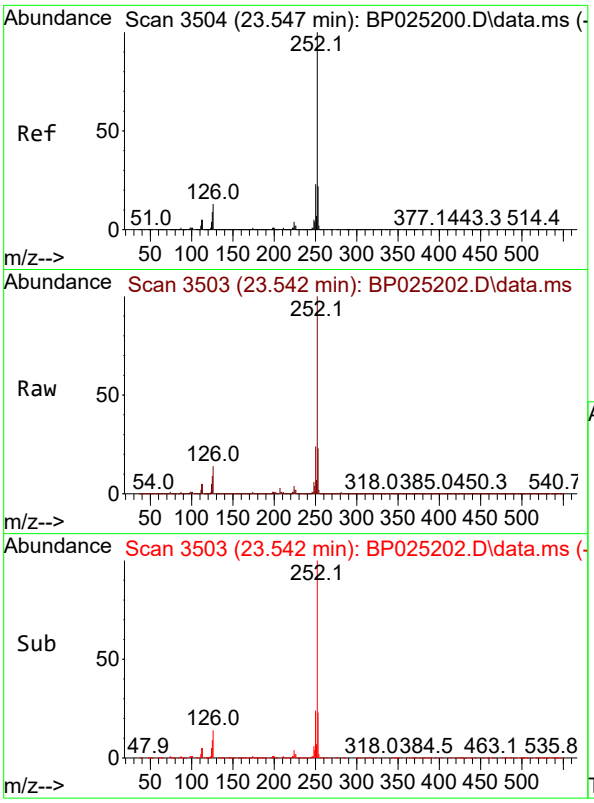




#88
Benzo(b)fluoranthene
Concen: 57.763 ng
RT: 23.477 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14989282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 10.0 | 7.8 | 11.8 |



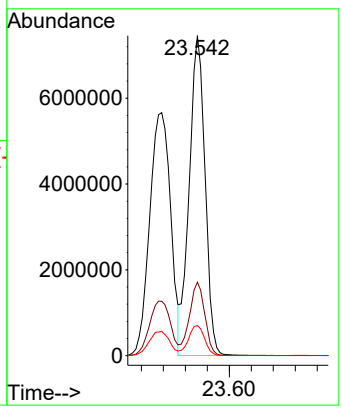


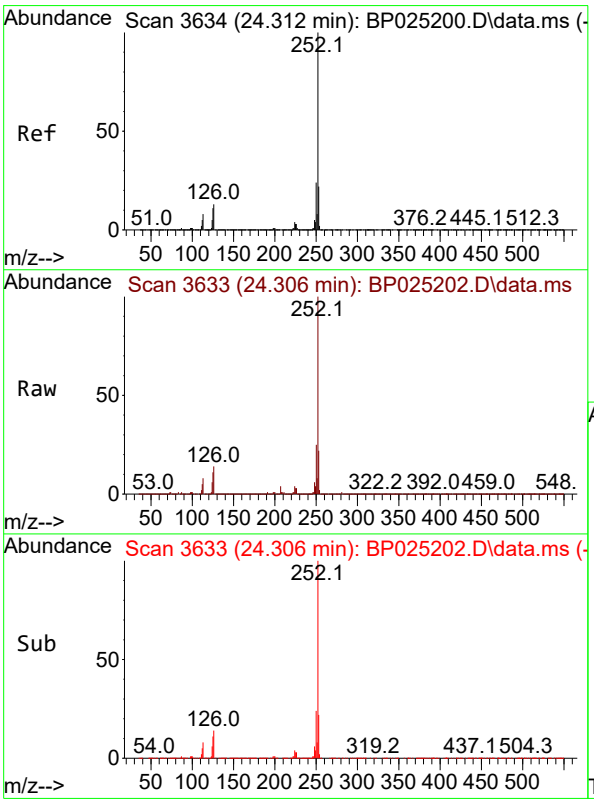

#89
Benzo(k)fluoranthene
Concen: 57.942 ng
RT: 23.542 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:252 Resp:14928017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.8 | 26.6 |
| 125 | 9.4 | 7.5 | 11.3 |

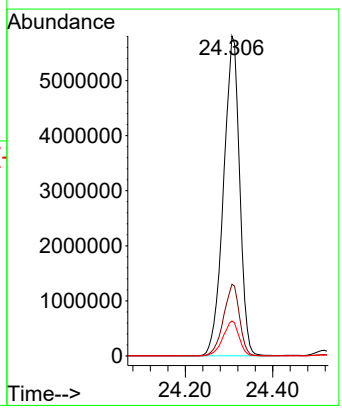


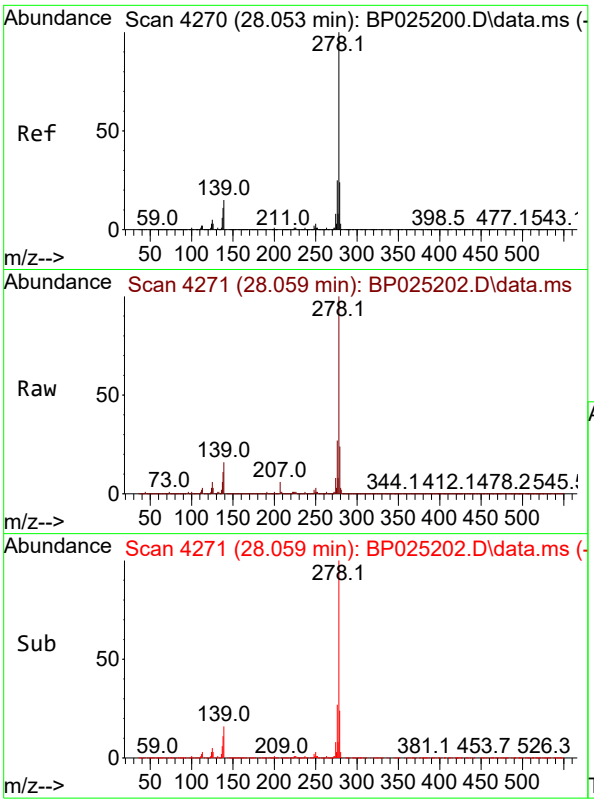




#90
Benzo(a)pyrene
Concen: 58.720 ng
RT: 24.306 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:252 Resp:14791063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 10.9 | 8.6 | 12.8 |



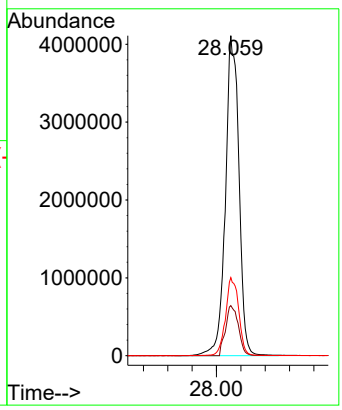


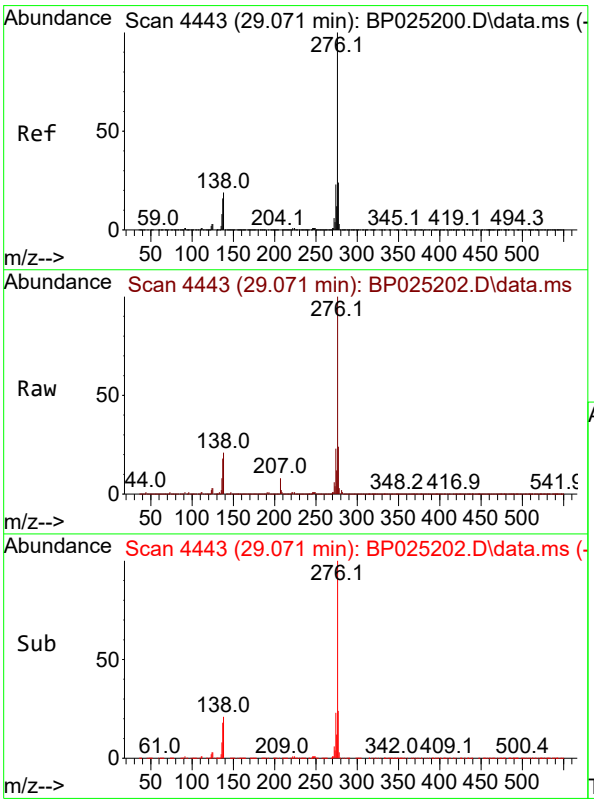

#91
Dibenzo(a,h)anthracene
Concen: 59.240 ng
RT: 28.059 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Tgt Ion:278 Resp:15890395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.7 | 12.0 | 18.0 |
| 279 | 24.4 | 19.5 | 29.3 |

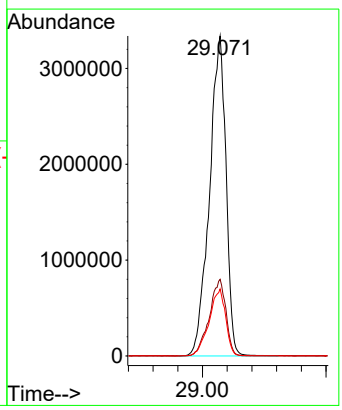



#92
Benzo(g,h,i)perylene
Concen: 59.072 ng
RT: 29.071 min Scan# 4443
Delta R.T. 0.000 min
Lab File: BP025202.D
Acq: 21 Jul 2025 18:32

Tgt Ion:276 Resp:15521510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.2 | 28.8 |
| 138 | 21.0 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 733748 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 3008435 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1899722 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 3857742 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.336 | 240 | 3752201 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.460 | 264 | 4584448 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 6557069 | 149.291 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 8210908 | 151.423 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 7999353 | 145.785 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.619 | 330 | 4276015 | 151.370 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 17101882 | 119.181 | ng | | 0.00 |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | | |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 1224318 | 74.170 | ng | | 100 |
| 3) Pyridine | 3.490 | 79 | 3390800 | 77.556 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 1359921 | 78.815 | ng | | 98 |
| 6) Aniline | 6.784 | 93 | 5470258 | 77.576 | ng | | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 3817569 | 77.248 | ng | | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 2187532 | 56.451 | ng | | 99 |
| 10) Phenol | 6.666 | 94 | 4302363 | 76.687 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 3282232 | 76.196 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 4192818 | 74.781 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 4246480 | 75.053 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 4111863 | 75.632 | ng | | 100 |
| 15) Benzyl Alcohol | 7.672 | 79 | 3024971 | 77.828 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 4186533 | 75.769 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 3006945 | 77.489 | ng | | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 1488292 | 77.034 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.237 | 70 | 2435834 | 74.535 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.207 | 107 | 4068704 | 76.765 | ng | | 98 |
| 22) Acetophenone | 8.243 | 105 | 5133884 | 72.049 | ng | # | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 3658209 | 75.229 | ng | | 98 |
| 25) Isophorone | 9.143 | 82 | 7223163 | 75.163 | ng | | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 2240908 | 81.871 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 3551153 | 76.211 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 4412252 | 73.133 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 3685883 | 77.123 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.043 | 180 | 3927729 | 74.689 | ng | | 100 |
| 31) Naphthalene | 10.231 | 128 | 11319955 | 72.252 | ng | | 99 |
| 32) Benzoic acid | 9.590 | 122 | 3001596 | 88.203 | ng | | 99 |
| 33) 4-Chloroaniline | 10.337 | 127 | 5125849 | 75.351 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 2369882 | 75.041 | ng | | 99 |
| 35) Caprolactam | 11.154 | 113 | 1240976m | 78.901 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 3678461 | 77.068 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.848 | 142 | 7455840 | 73.577 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 7690366 | 71.955 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 4340312 | 75.446 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 2895907 | 88.768 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.478 | 196 | 3076273 | 79.138 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 3347418 | 78.125 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 10154378 | 72.288 | ng | | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 8143502 | 74.828 | ng | | 100 |
| 48) 2-Nitroaniline | 13.143 | 65 | 2203215 | 80.707 | ng | | 98 |
| 49) Acenaphthylene | 13.801 | 152 | 12310461 | 68.982 | ng | | 94 |
| 50) Dimethylphthalate | 13.554 | 163 | 9992464 | 72.091 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.666 | 165 | 2352035 | 80.161 | ng | | 98 |
| 52) Acenaphthene | 14.148 | 154 | 7352873 | 71.522 | ng | | 99 |
| 53) 3-Nitroaniline | 13.990 | 138 | 2663404 | 80.451 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.213 | 184 | 1560749 | 94.925 | ng | | 96 |
| 55) Dibenzofuran | 14.495 | 168 | 11781763 | 70.782 | ng | | 97 |
| 56) 4-Nitrophenol | 14.325 | 139 | 2263623 | 80.237 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.478 | 165 | 3321462 | 81.257 | ng | | 99 |
| 58) Fluorene | 15.160 | 166 | 9278378 | 69.887 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 2961338 | 78.074 | ng | | 99 |
| 60) Diethylphthalate | 14.960 | 149 | 9739656 | 71.116 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.172 | 204 | 4730340 | 70.690 | ng | | 100 |
| 62) 4-Nitroaniline | 15.195 | 138 | 2685203 | 79.596 | ng | | 97 |
| 63) Azobenzene | 15.466 | 77 | 8319717 | 75.626 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.260 | 198 | 2092932 | 86.660 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.384 | 169 | 8318929 | 69.242 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.078 | 248 | 3392847 | 74.593 | ng | | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 3958634 | 72.885 | ng | | 95 |
| 69) Atrazine | 16.389 | 200 | 3266485 | 74.592 | ng | | 99 |
| 70) Pentachlorophenol | 16.560 | 266 | 2852574 | 78.904 | ng | | 99 |
| 71) Phenanthrene | 16.954 | 178 | 14380185 | 66.900 | ng | | 93 |
| 72) Anthracene | 17.036 | 178 | 13655221 | 62.578 | ng | | 94 |
| 73) Carbazole | 17.331 | 167 | 13502968 | 65.036 | ng | # | 92 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 14237898 | 58.482 | ng | | 97 |
| 75) Fluoranthene | 19.048 | 202 | 17185754 | 67.620 | ng | | 94 |
| 77) Benzidine | 19.254 | 184 | 7975723 | 55.646 | ng | | 100 |
| 78) Pyrene | 19.425 | 202 | 16361302 | 68.613 | ng | # | 91 |
| 80) Butylbenzylphthalate | 20.413 | 149 | 8056925 | 76.566 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.313 | 228 | 16742085 | 68.598 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.260 | 252 | 7248237 | 72.426 | ng | | 100 |
| 83) Chrysene | 21.383 | 228 | 15614346m | 68.604 | ng | | |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 10793960 | 70.360 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.513 | 149 | 18225919 | 68.160 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.024 | 276 | 25989461m | 77.120 | ng | | |
| 88) Benzo(b)fluoranthene | 23.501 | 252 | 19418416 | 72.630 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.560 | 252 | 18389745 | 69.278 | ng | | 95 |
| 90) Benzo(a)pyrene | 24.336 | 252 | 19250934 | 74.177 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.101 | 278 | 20686577 | 74.852 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.112 | 276 | 20810607 | 76.871 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

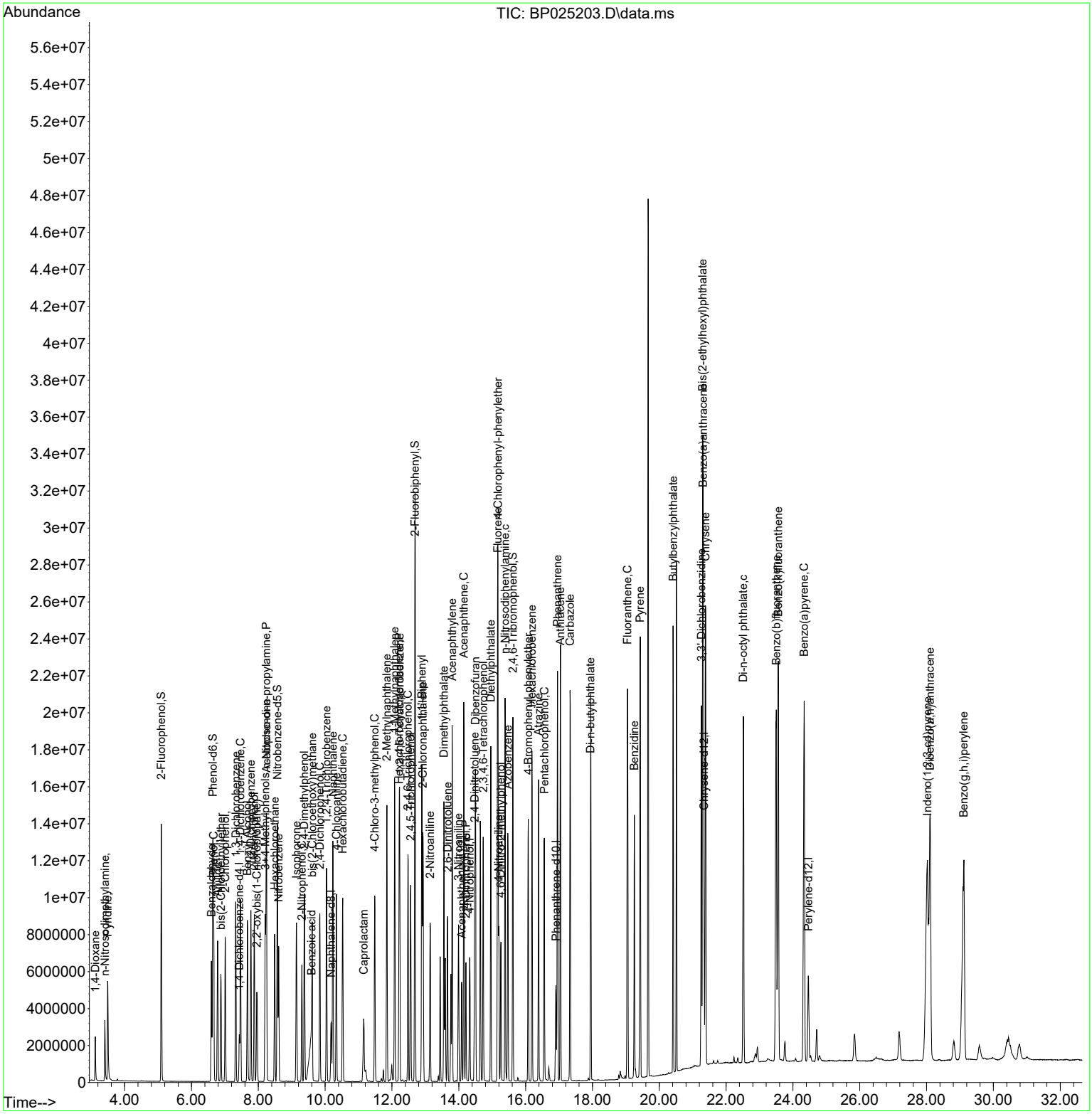
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

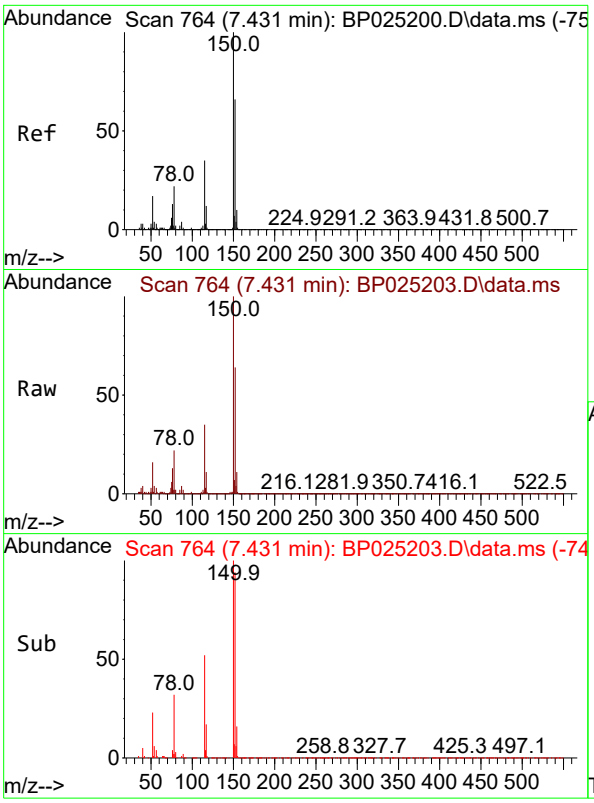
Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

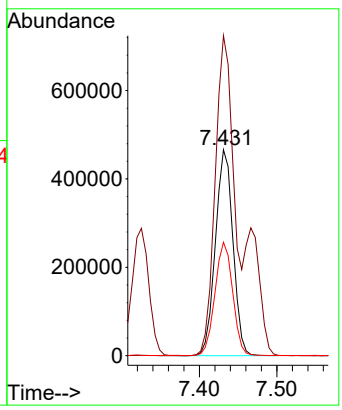





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp: 73374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.4 | 121.9 | 182.9 |
| 115 | 55.1 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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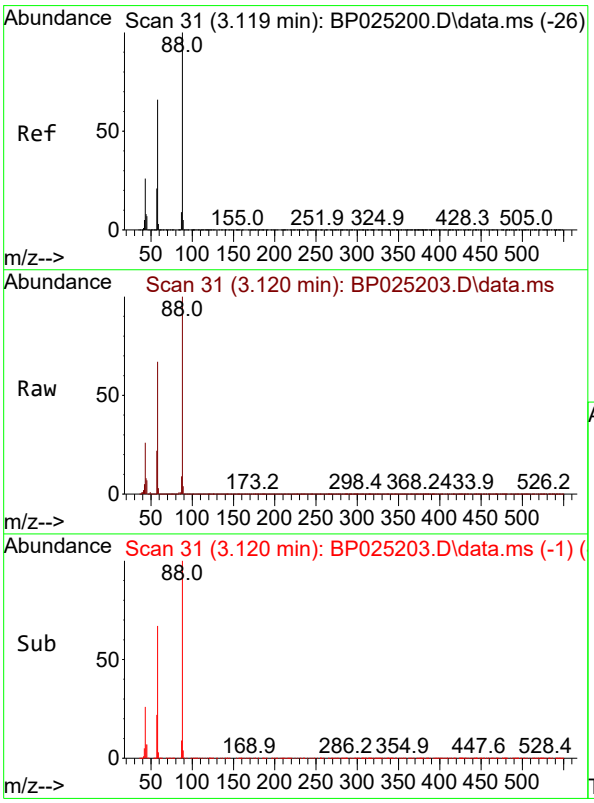
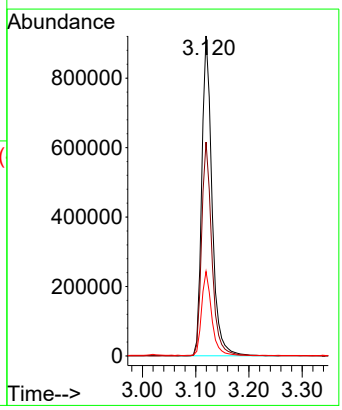
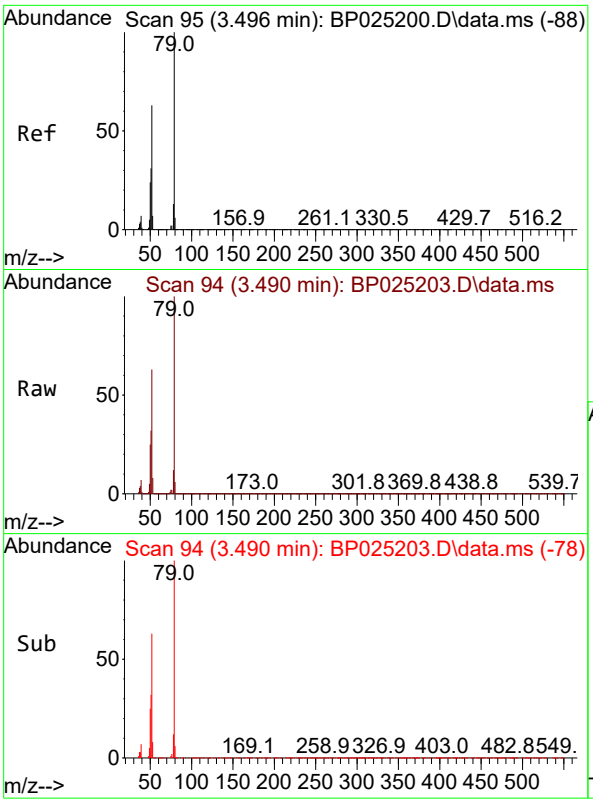



#2
1,4-Dioxane
Concen: 74.170 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 88 Resp: 1224318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.0 | 53.5 | 80.3 |
| 43 | 25.9 | 20.8 | 31.2 |

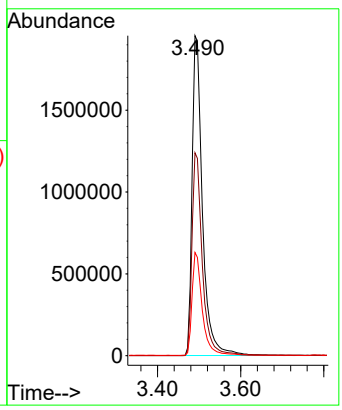





#3
Pyridine
Concen: 77.556 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 79 Resp: 339080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.4 | 50.2 | 75.4 |
| 51 | 32.2 | 25.0 | 37.4 |




**Instrument :**
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SSTDICC080

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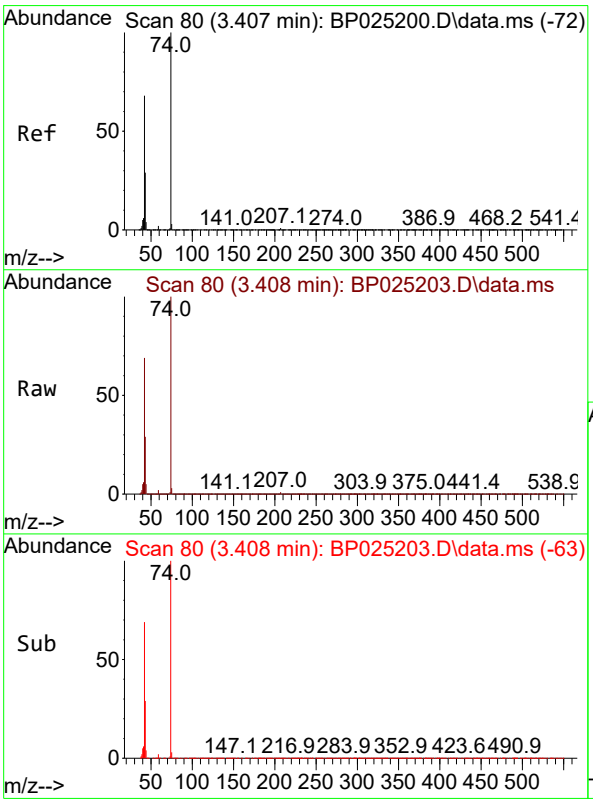
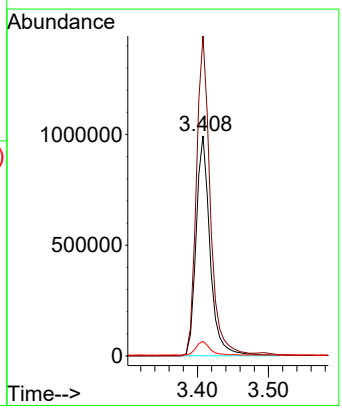
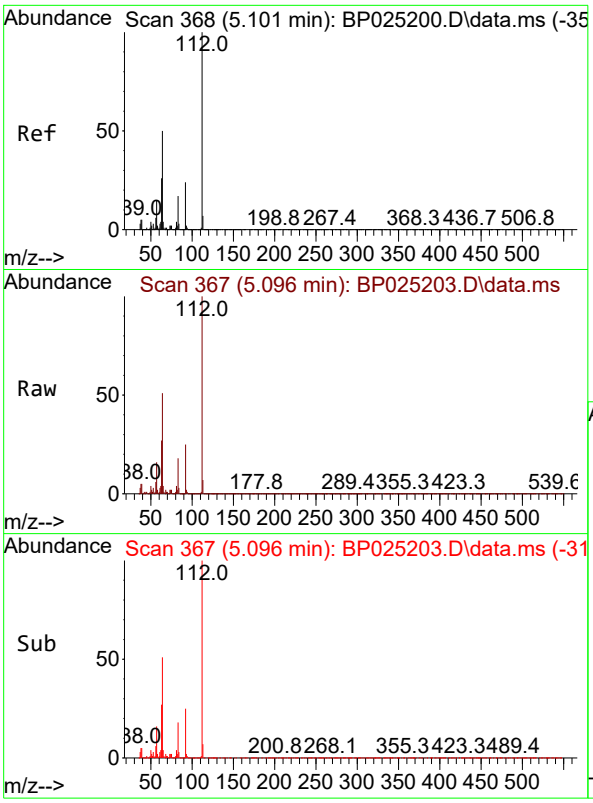



#4
n-Nitrosodimethylamine
Concen: 78.815 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 42 Resp: 1359921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 145.5 | 118.0 | 177.0 |
| 44 | 6.6 | 5.5 | 8.3 |

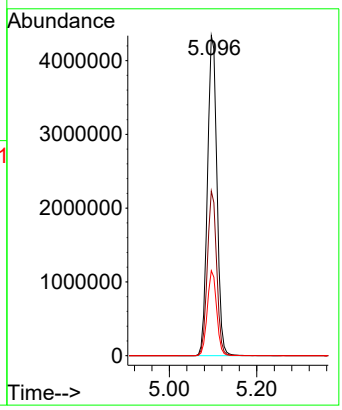





#5
2-Fluorophenol
Concen: 149.291 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:112 Resp: 655706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.4 | 39.8 | 59.6 |
| 63 | 26.5 | 20.5 | 30.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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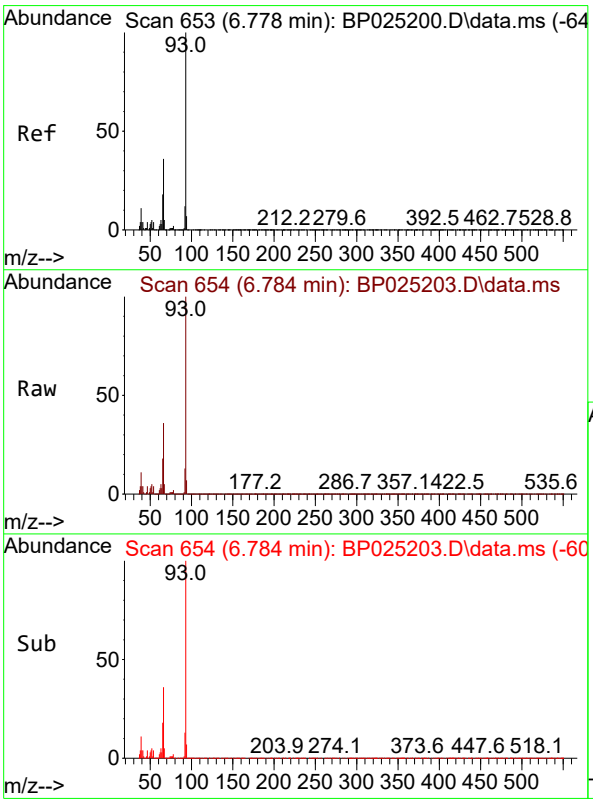
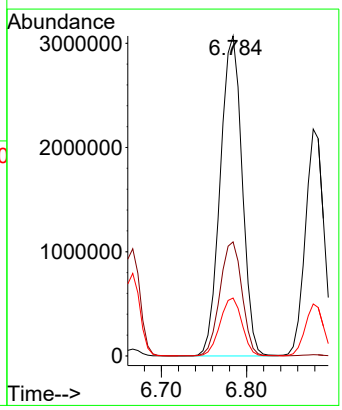
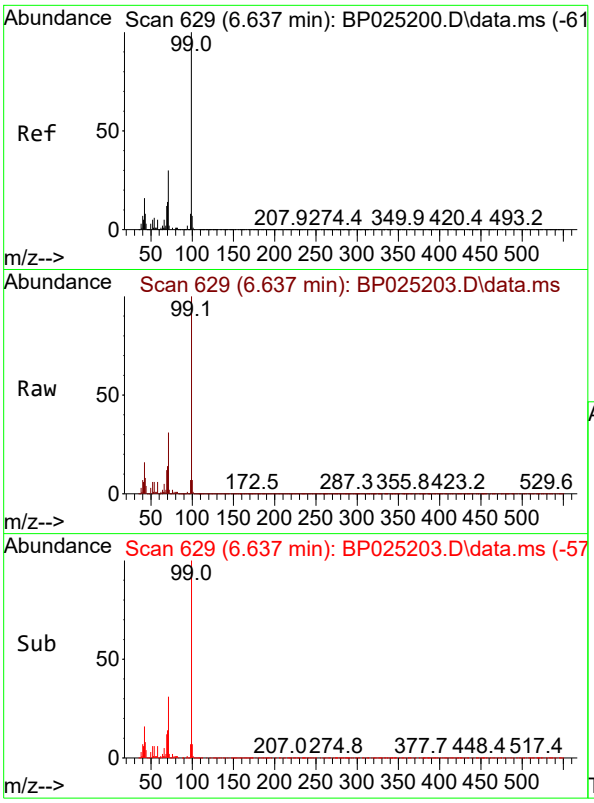



#6
Aniline
Concen: 77.576 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 5470258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.6 | 28.6 | 43.0 |
| 65 | 18.1 | 14.6 | 21.8 |

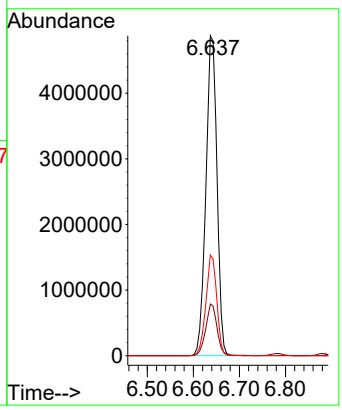





#7
Phenol-d6
Concen: 151.423 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 99 Resp: 821090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.5 | 18.7 |
| 71 | 31.5 | 24.2 | 36.2 |




**Instrument :**
BNA_P
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SSTDICC080

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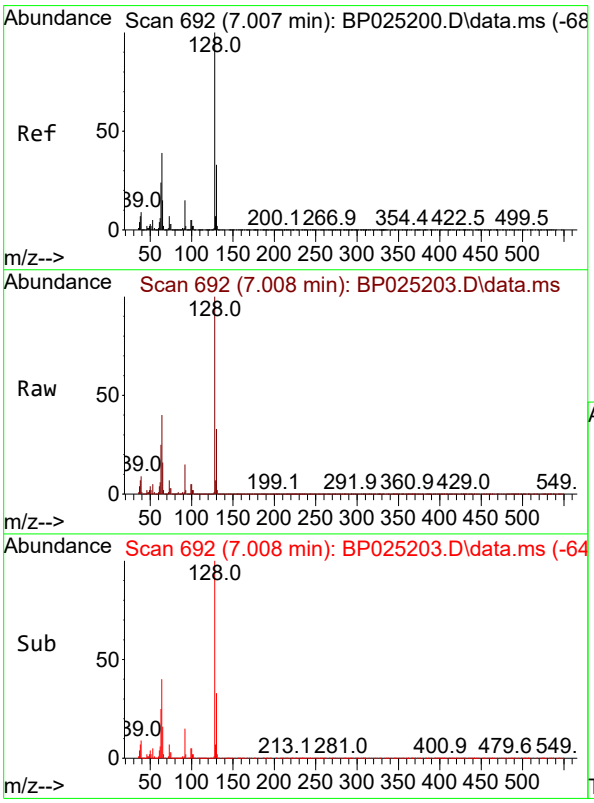
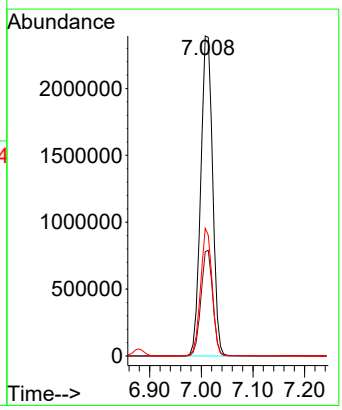
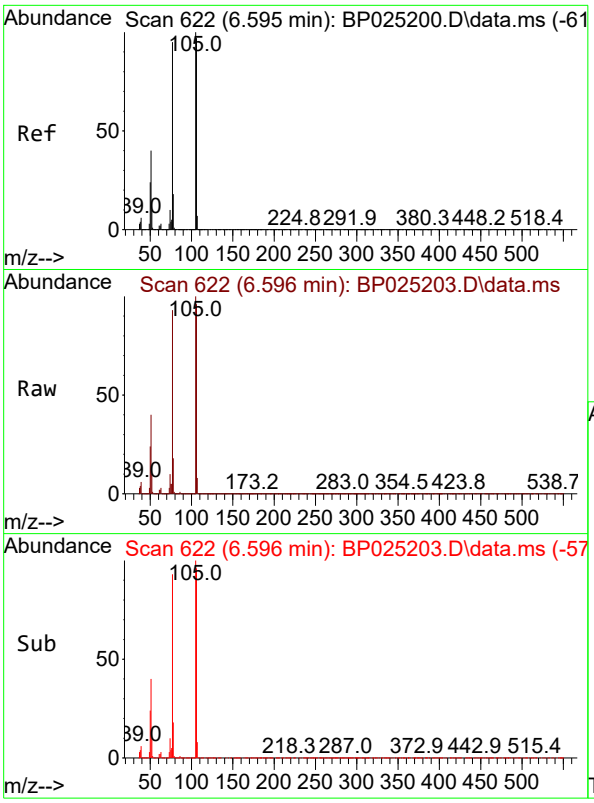



#8
2-Chlorophenol
Concen: 77.248 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 3817569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 39.9 | 19.2 | 59.2 |

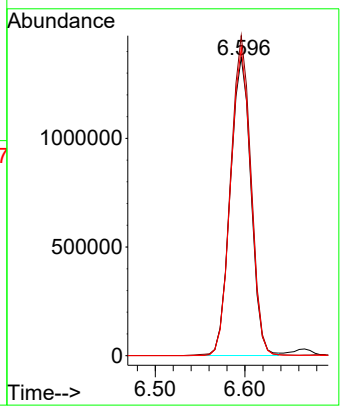





#9
Benzaldehyde
Concen: 56.451 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 218753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.1 | 85.5 | 125.5 |
| 106 | 103.1 | 81.9 | 121.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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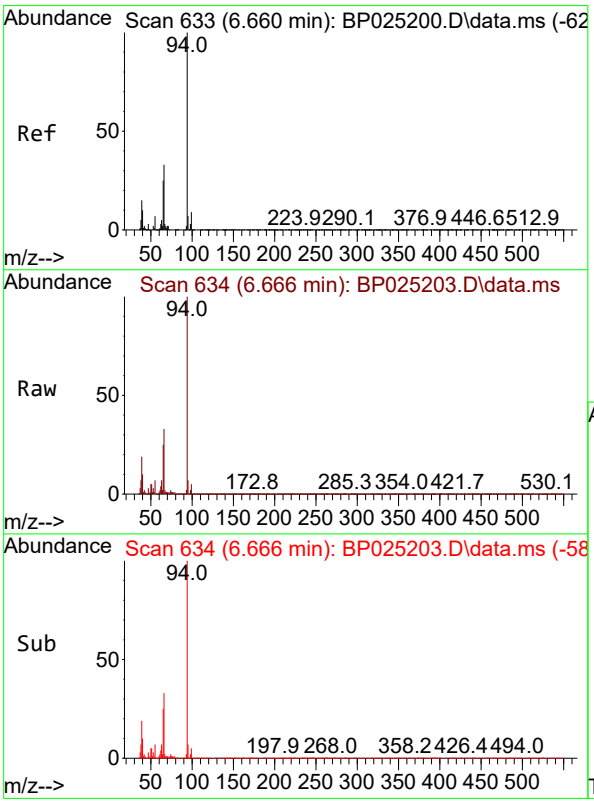
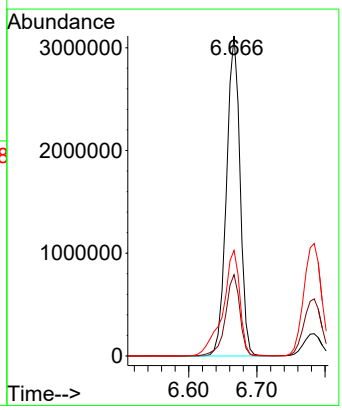
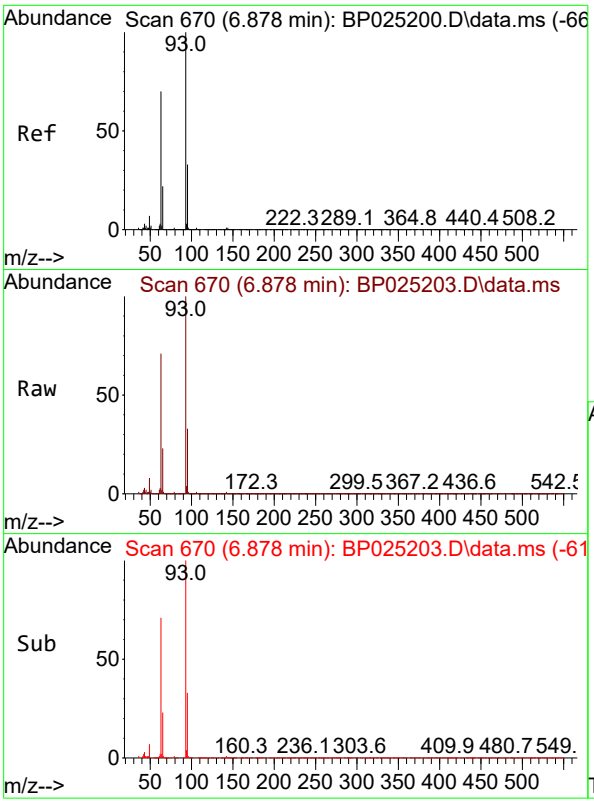



#10
Phenol
Concen: 76.687 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 94 Resp: 4302363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.4 | 5.4 | 45.4 |
| 66 | 33.0 | 13.5 | 53.5 |

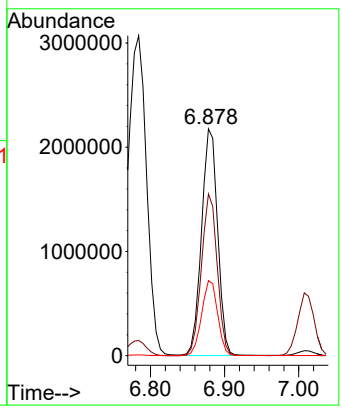





#11
bis(2-Chloroethyl)ether
Concen: 76.196 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 328223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.3 | 50.0 | 90.0 |
| 95 | 33.1 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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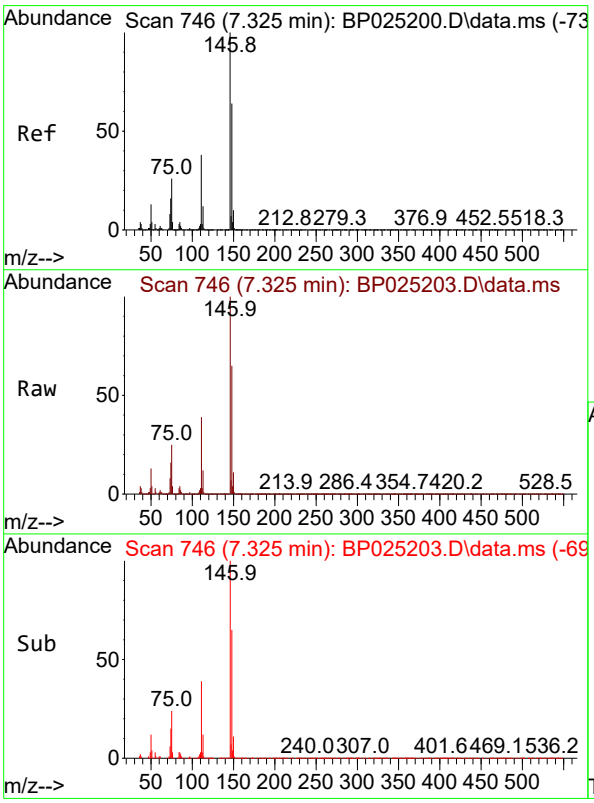
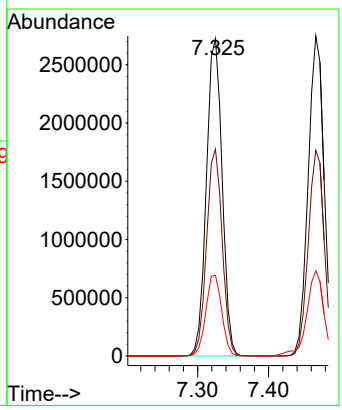
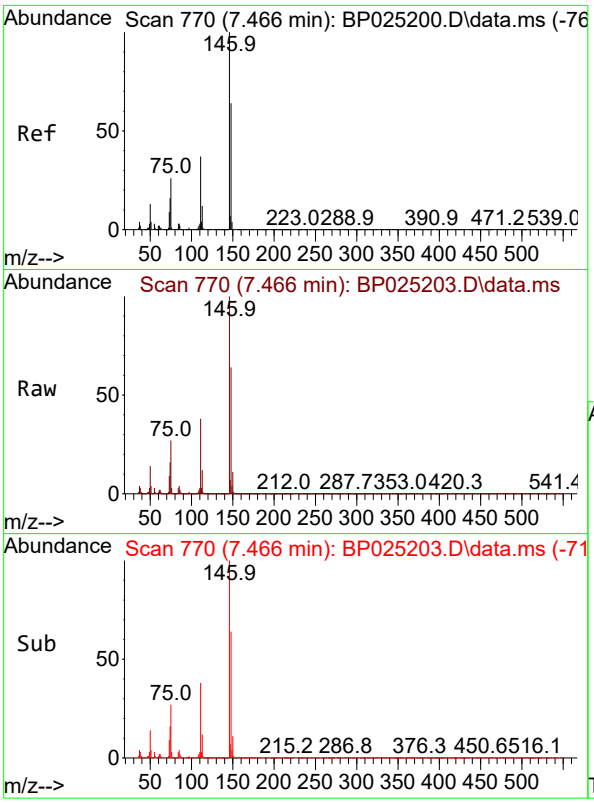



#12
1,3-Dichlorobenzene
Concen: 74.781 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4192818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.0 |
| 75 | 25.4 | 20.6 | 31.0 |

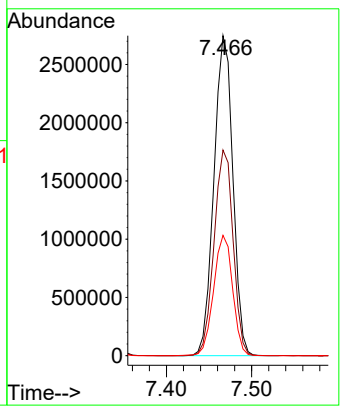





#13
1,4-Dichlorobenzene
Concen: 75.053 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 424648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.2 |
| 111 | 37.6 | 29.9 | 44.9 |




**Instrument :**
BNA_P
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SSTDICC080

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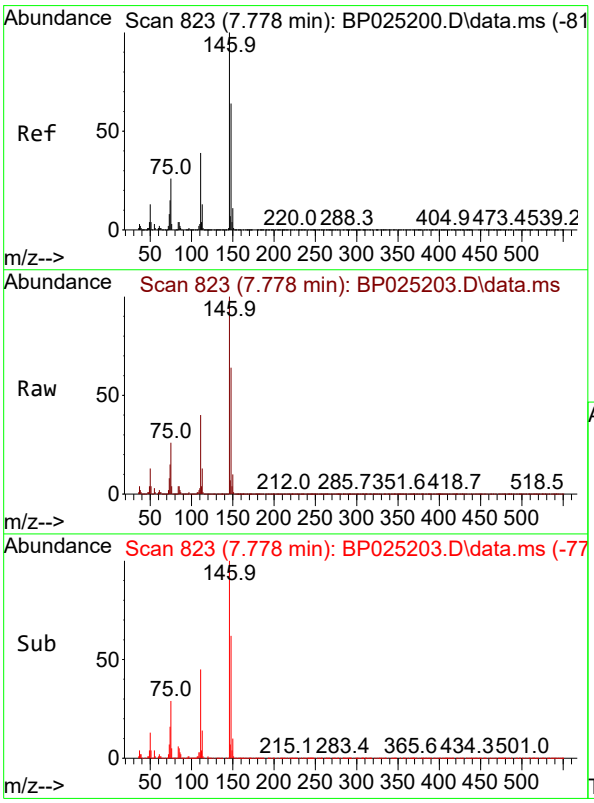
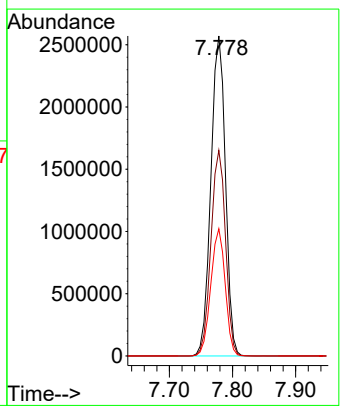
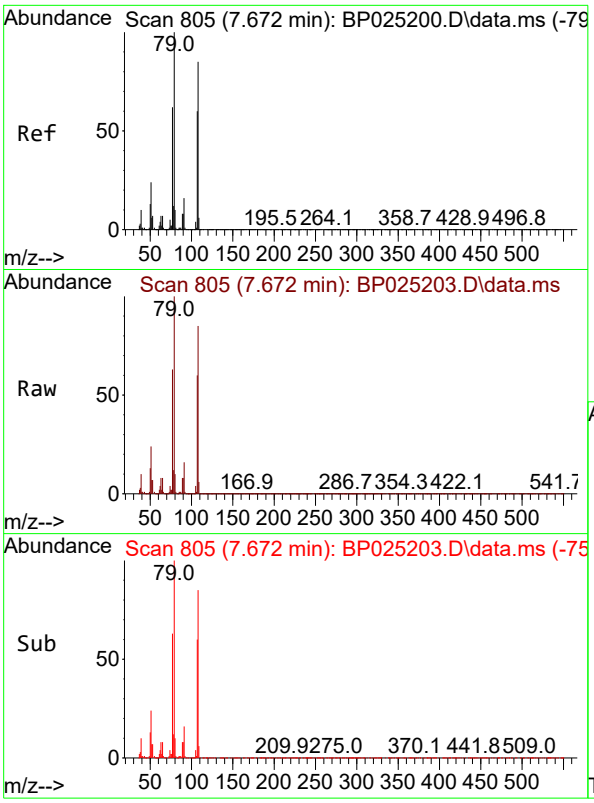



#14
1,2-Dichlorobenzene
Concen: 75.632 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4111863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.5 | 77.3 |
| 111 | 39.7 | 31.3 | 46.9 |

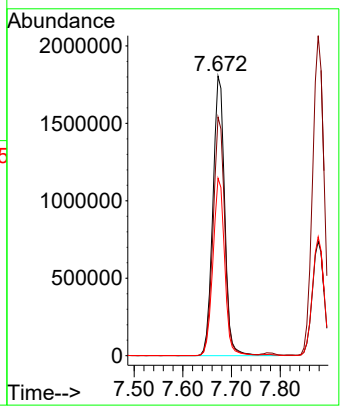





#15
Benzyl Alcohol
Concen: 77.828 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 79 Resp: 302497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.4 | 67.8 | 101.6 |
| 77 | 63.5 | 49.9 | 74.9 |




**Instrument :**
BNA_P
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SSTDICC080

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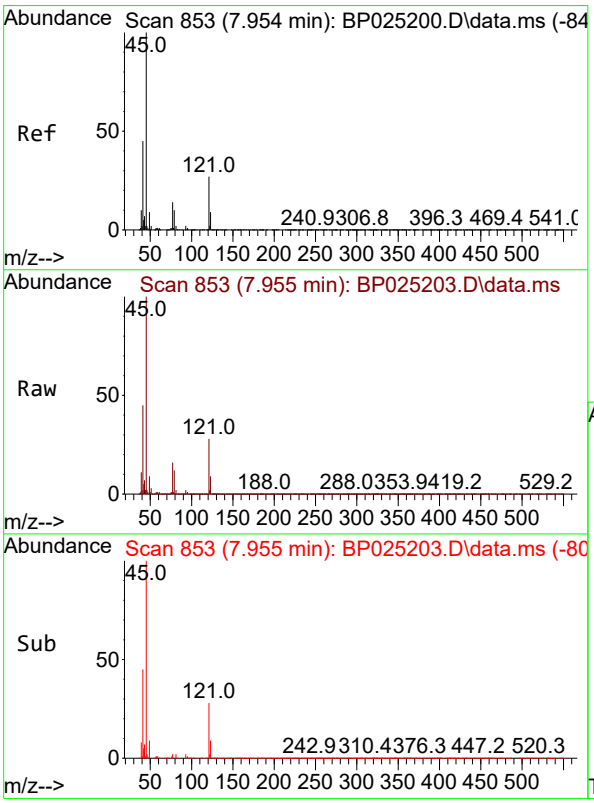
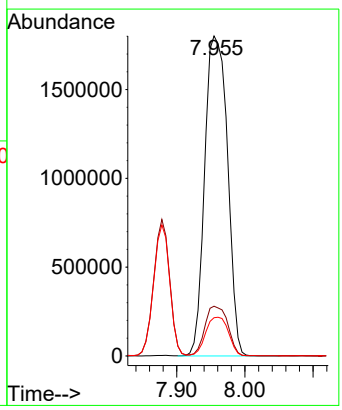
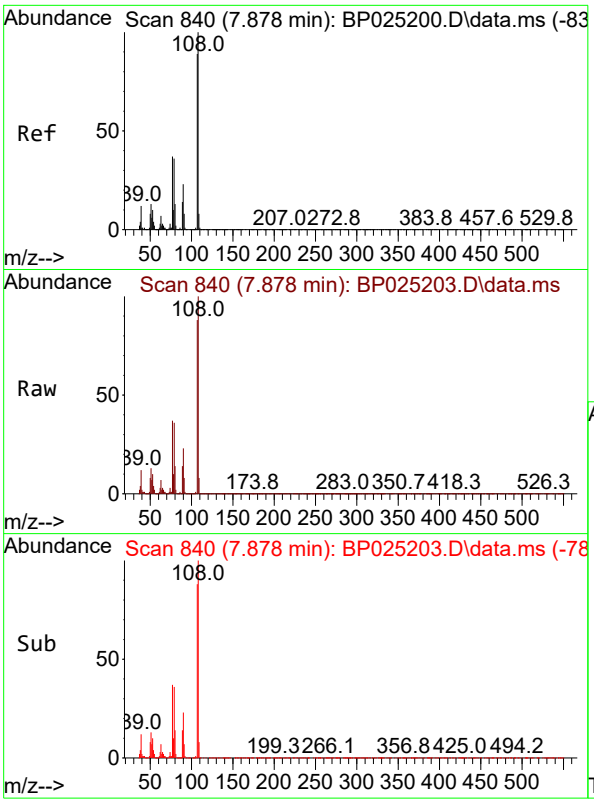



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.769 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 45 Resp: 4186533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.5 | 0.0 | 36.0 |
| 79 | 11.9 | 0.0 | 31.7 |

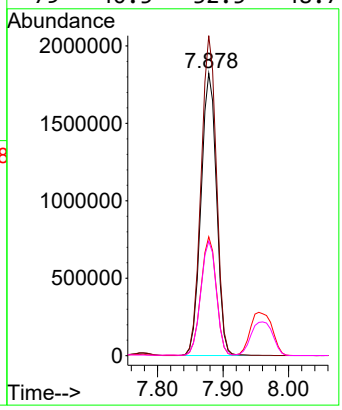





#17
2-Methylphenol
Concen: 77.489 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 300694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.3 | 89.8 | 134.8 |
| 77 | 42.1 | 33.2 | 49.8 |
| 79 | 40.5 | 32.5 | 48.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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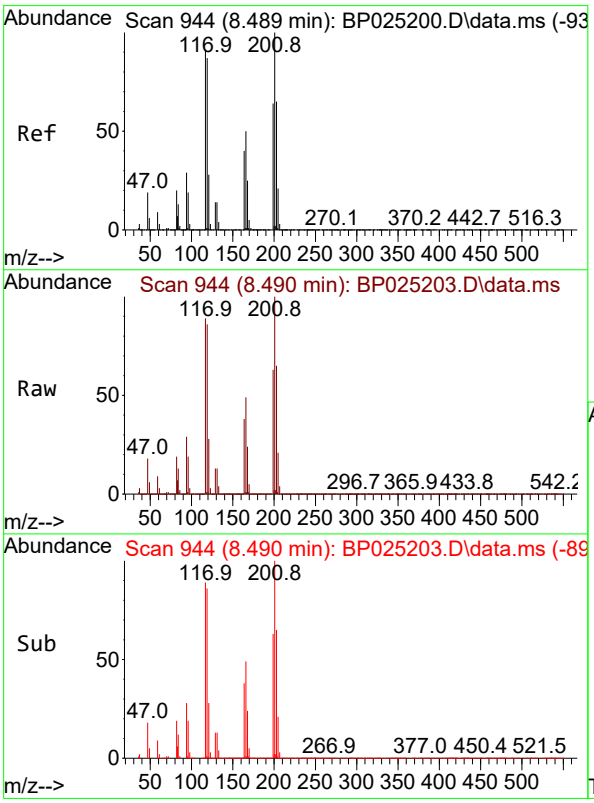
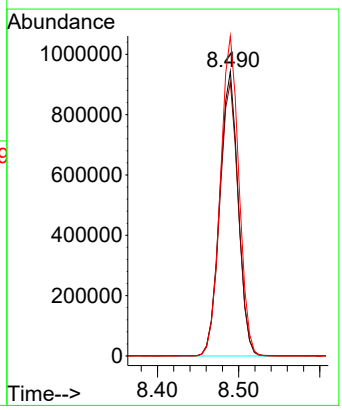
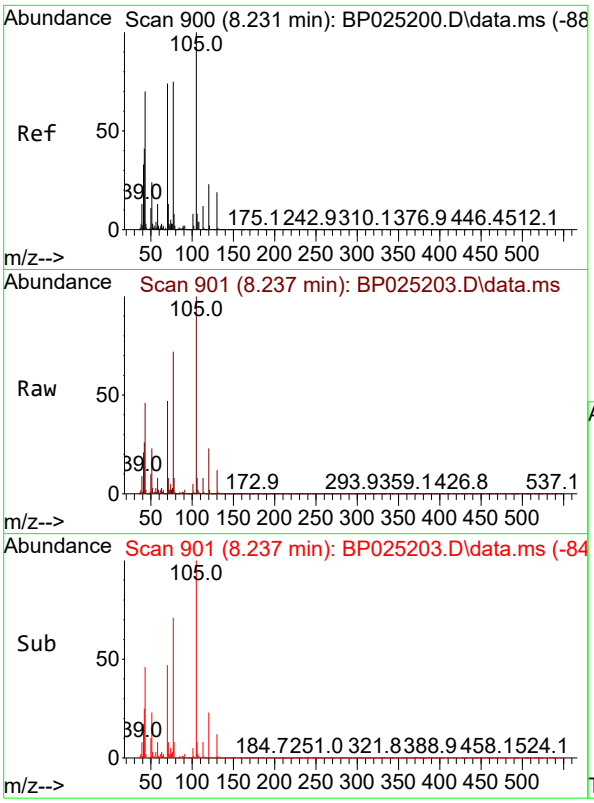



#18
Hexachloroethane
Concen: 77.034 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 1488292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 77.0 | 115.6 |
| 201 | 112.5 | 88.3 | 132.5 |

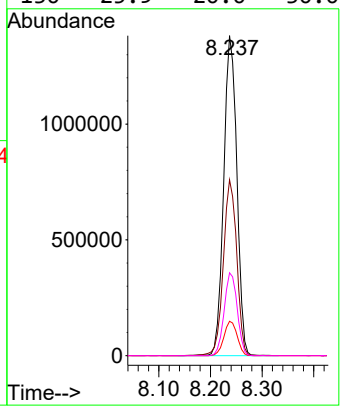





#19
n-Nitroso-di-n-propylamine
Concen: 74.535 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 70 Resp: 243583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.0 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 25.9 | 20.0 | 30.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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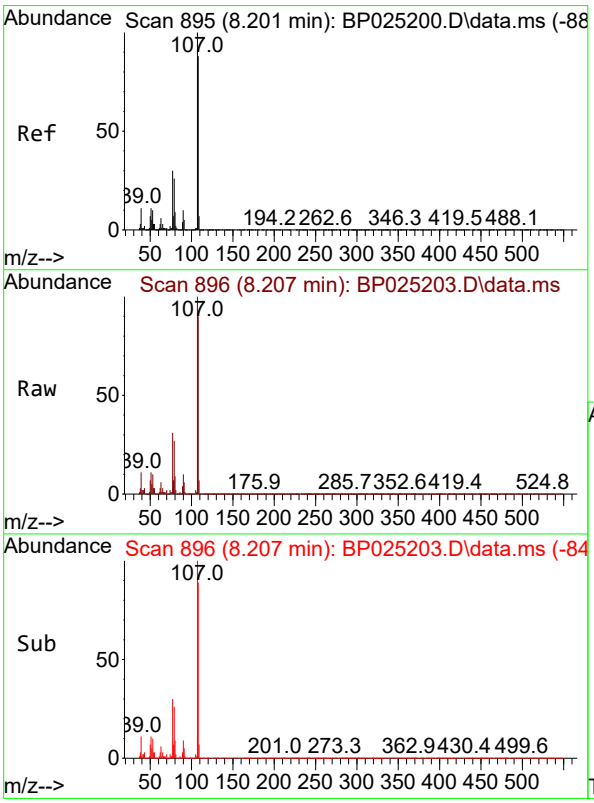
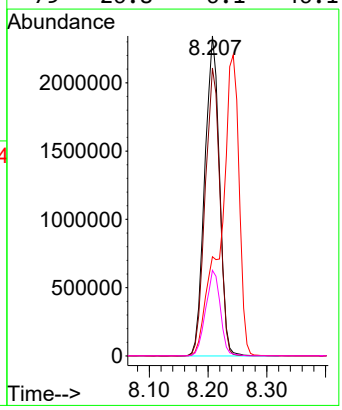
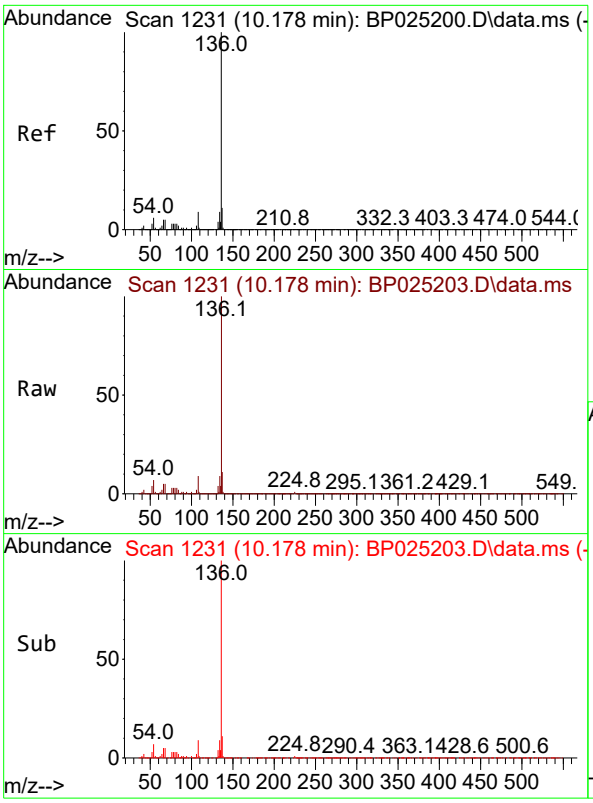



#20
3+4-Methylphenols
Concen: 76.765 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 4068704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 67.8 | 107.8 |
| 77 | 31.0 | 10.3 | 50.3 |
| 79 | 26.8 | 6.1 | 46.1 |

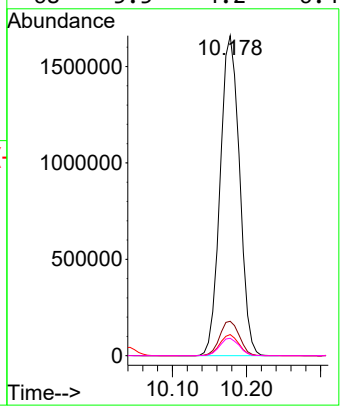





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:136 Resp: 300843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |




**Instrument :**
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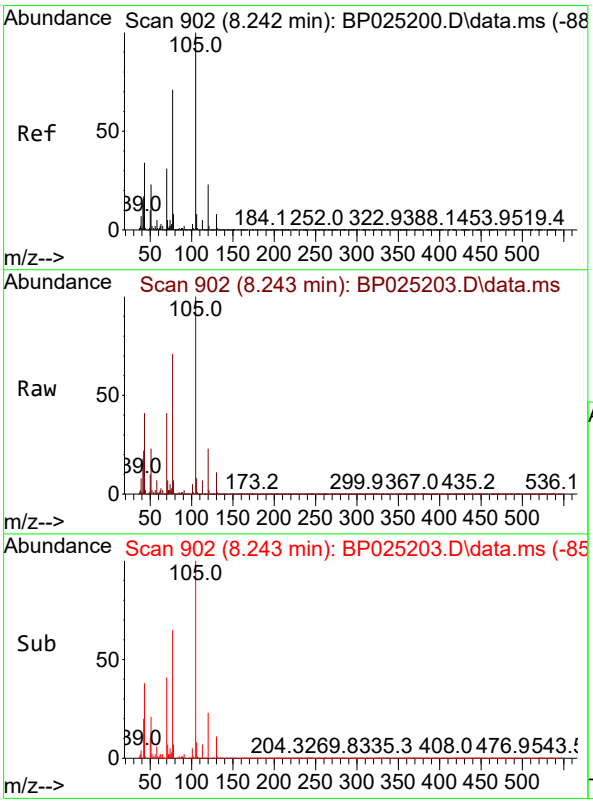
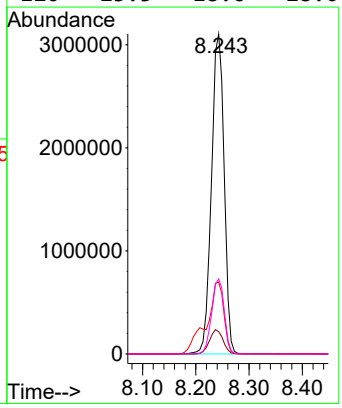
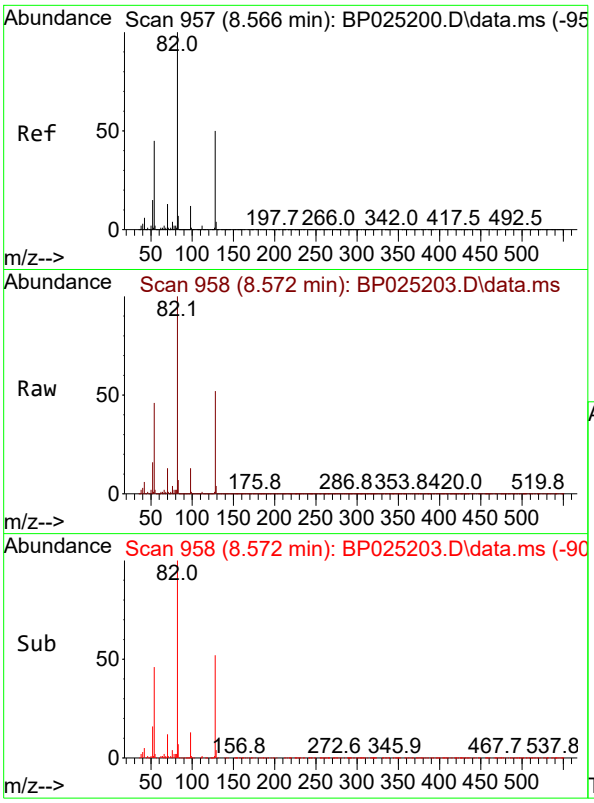



#22
Acetophenone
Concen: 72.049 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 5133884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.0 | 4.1 | 6.1# |
| 51 | 22.5 | 18.5 | 27.7 |
| 120 | 23.5 | 18.6 | 28.0 |

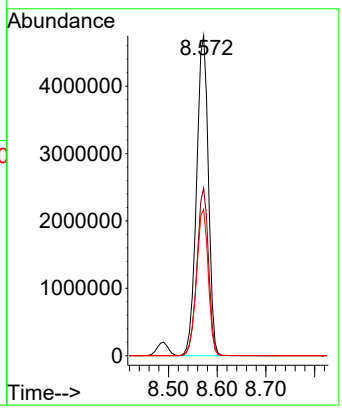





#23
Nitrobenzene-d5
Concen: 145.785 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 82 Resp: 799935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.4 | 40.2 | 60.4 |
| 54 | 45.7 | 36.3 | 54.5 |




**Instrument :**
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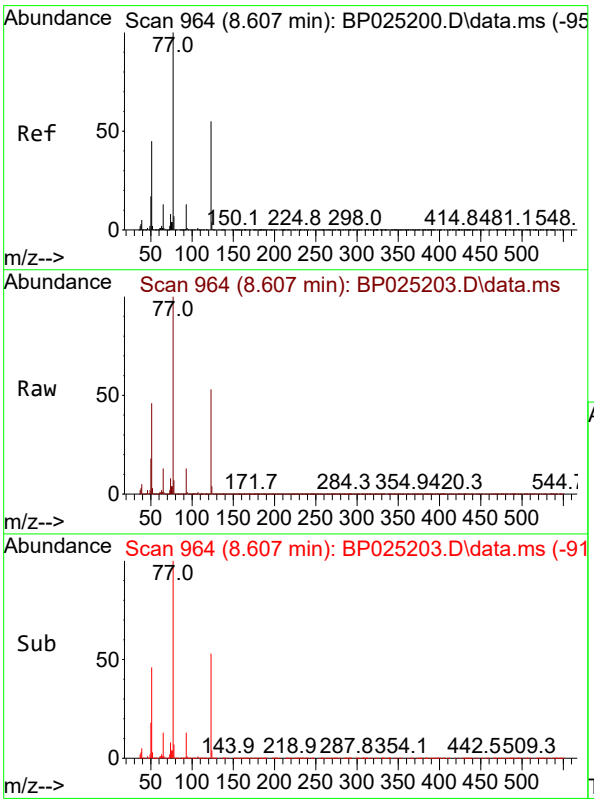
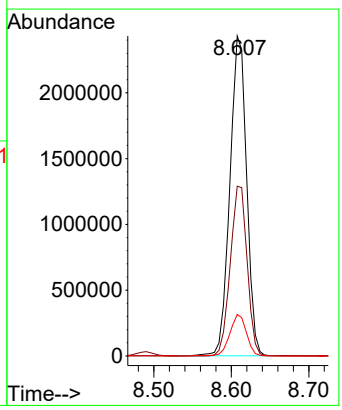
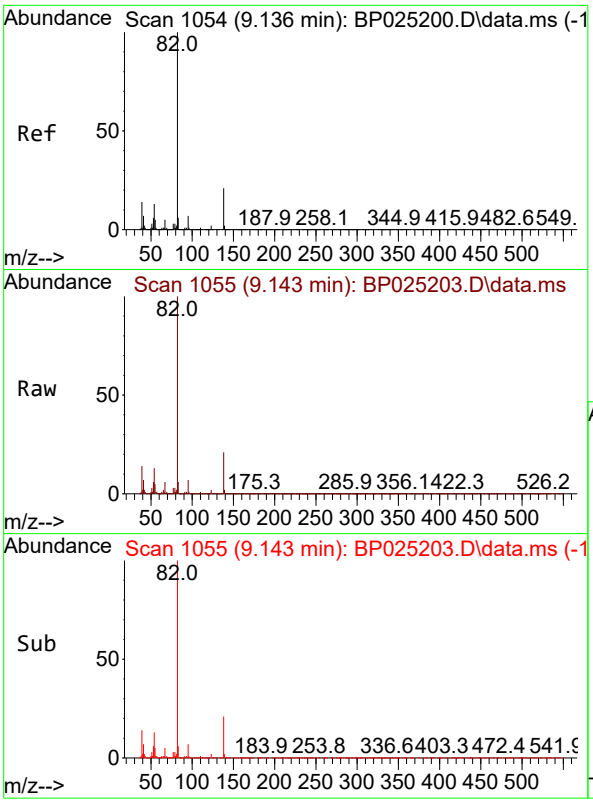



#24
Nitrobenzene
Concen: 75.229 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 3658209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.0 | 43.6 | 65.4 |
| 65 | 13.0 | 10.2 | 15.2 |






#25
Isophorone
Concen: 75.163 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 82 Resp: 722316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.6 | 8.4 |
| 138 | 21.3 | 16.6 | 25.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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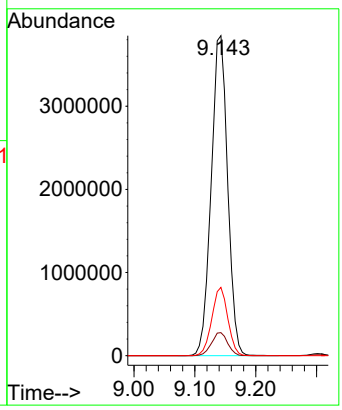
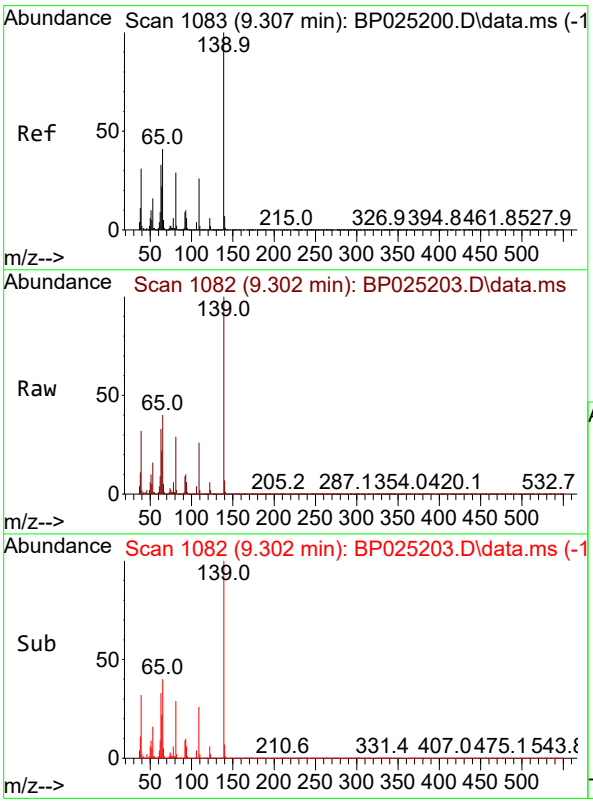
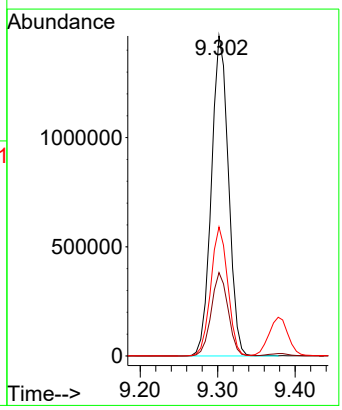


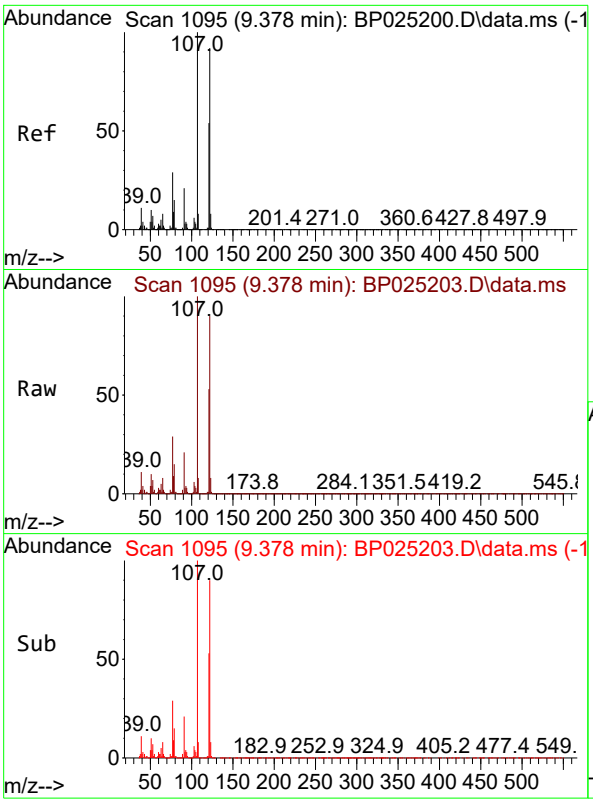




#26
2-Nitrophenol
Concen: 81.871 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2240908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.1 | 21.0 | 31.6 |
| 65 | 40.3 | 32.7 | 49.1 |

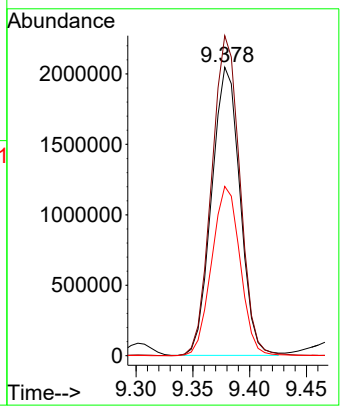





#27
2,4-Dimethylphenol
Concen: 76.211 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 355115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.0 | 87.0 | 130.4 |
| 121 | 58.7 | 46.7 | 70.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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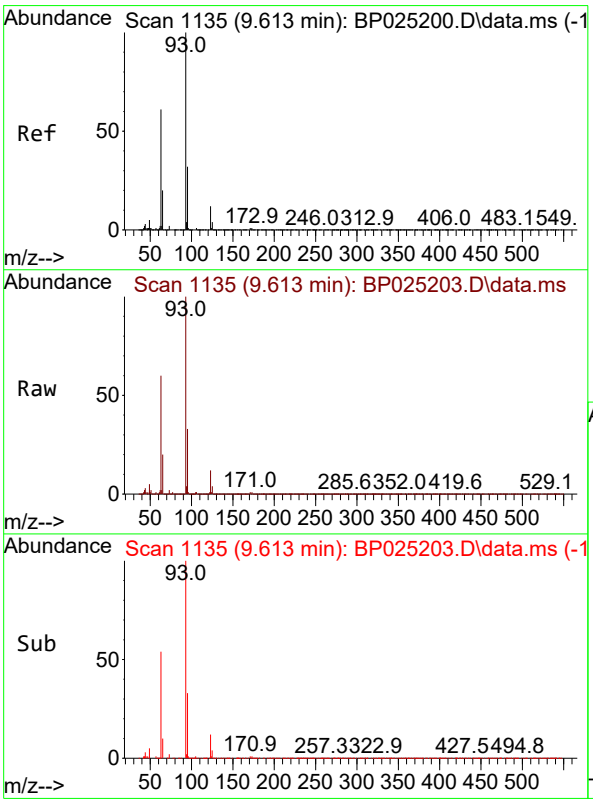
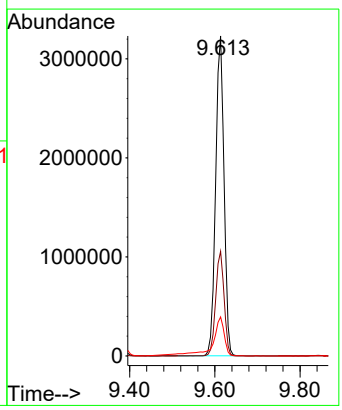
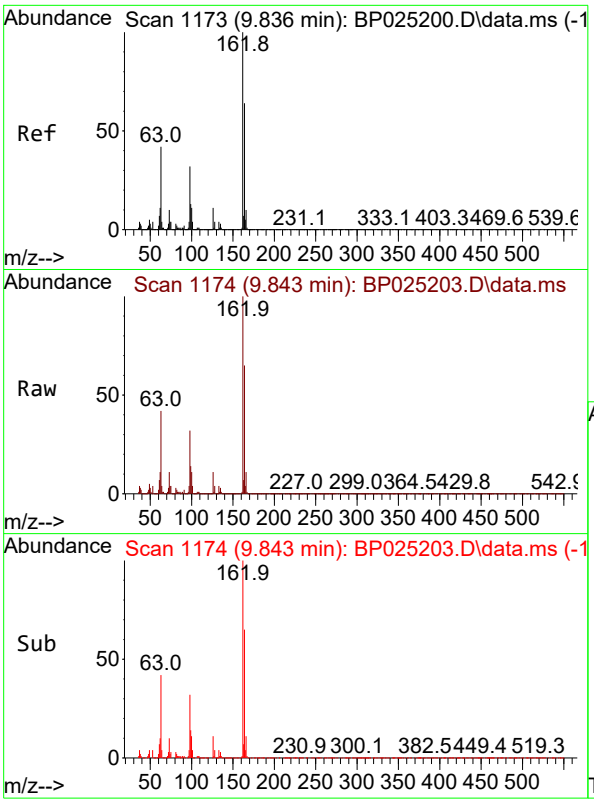



#28
bis(2-Chloroethoxy)methane
Concen: 73.133 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 4412252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |






#29
2,4-Dichlorophenol
Concen: 77.123 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:162 Resp: 368588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 44.2 | 84.2 |
| 98 | 32.0 | 11.7 | 51.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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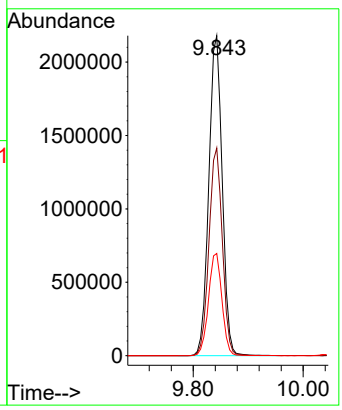
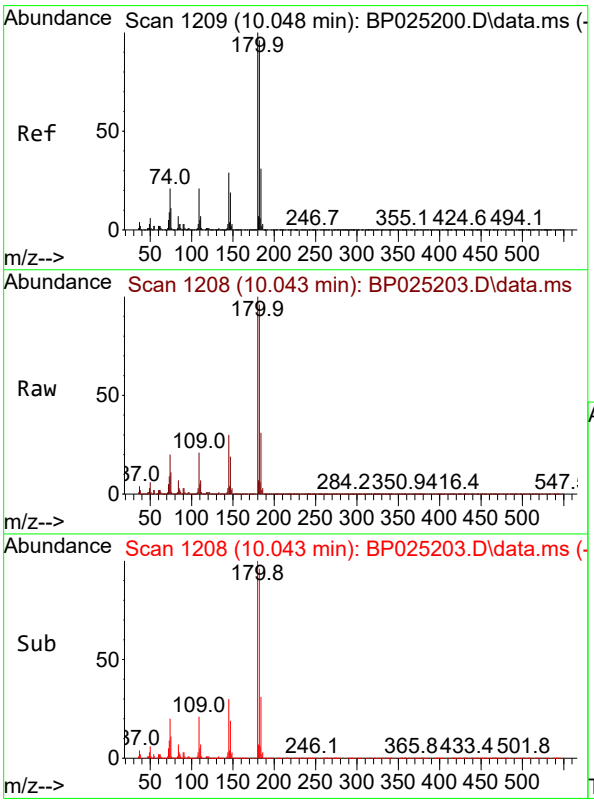
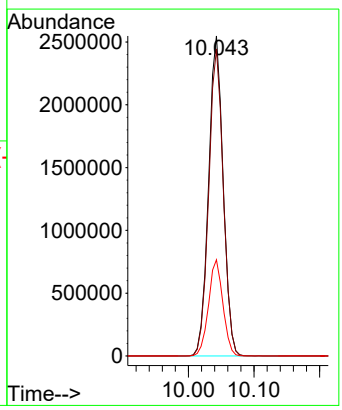


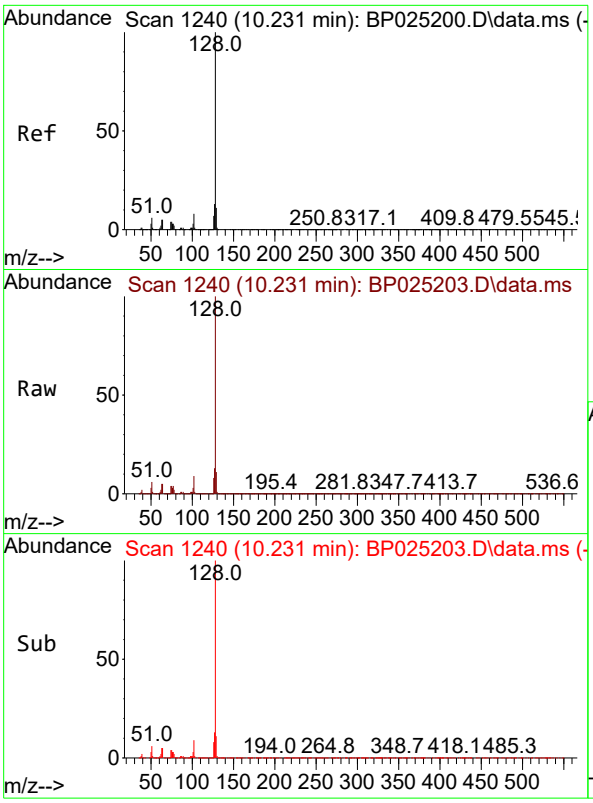




#30
1,2,4-Trichlorobenzene
Concen: 74.689 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 3927729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 76.7 | 115.1 |
| 145 | 30.0 | 23.5 | 35.3 |

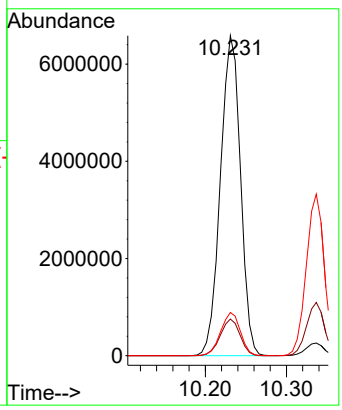





#31
Naphthalene
Concen: 72.252 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp:1131995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.5 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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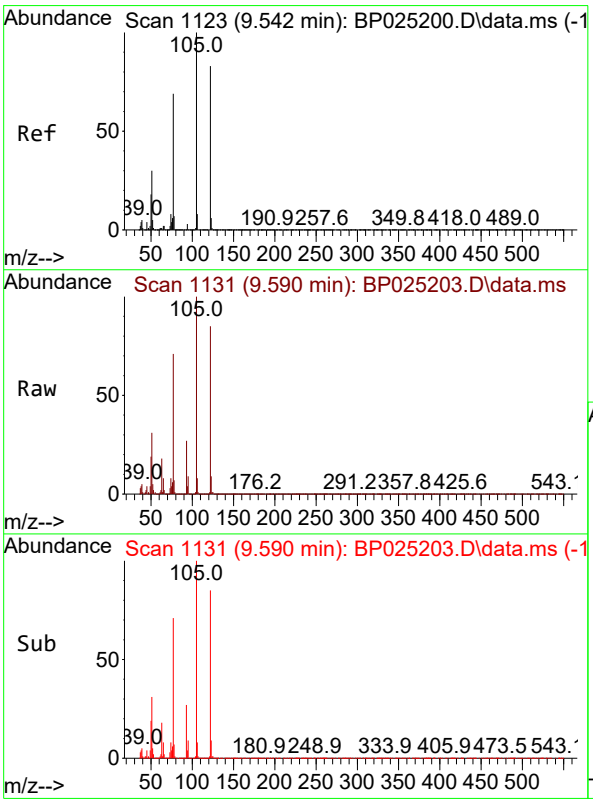
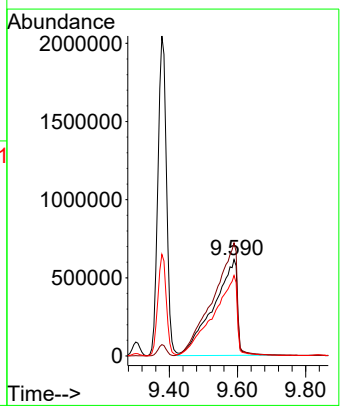
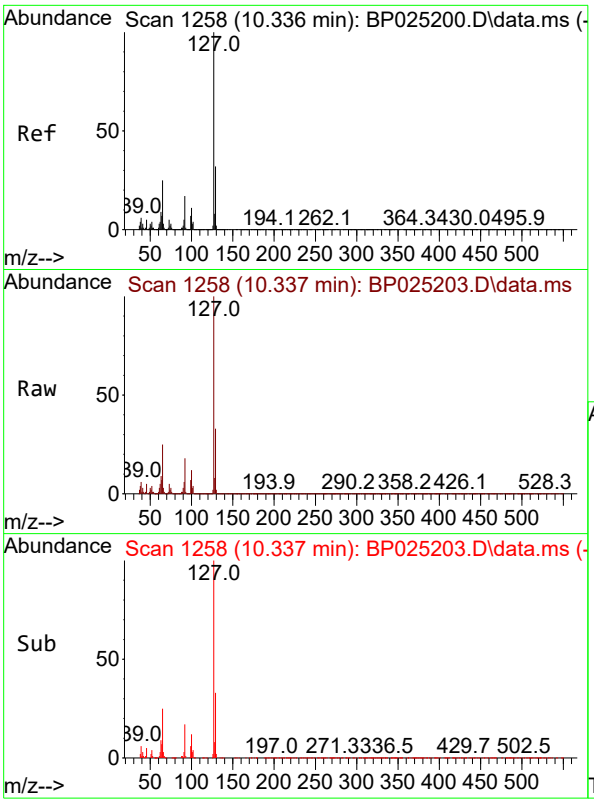



#32
Benzoic acid
Concen: 88.203 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 3001596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 117.3 | 98.1 | 138.1 |
| 77 | 83.5 | 62.7 | 102.7 |

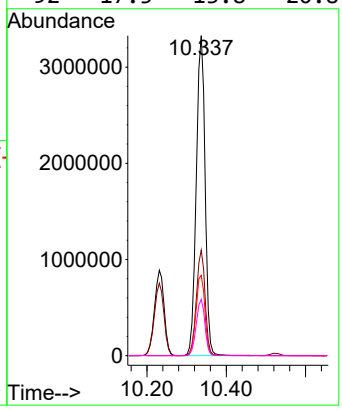





#33
4-Chloroaniline
Concen: 75.351 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:127 Resp: 512584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 25.9 | 38.9 |
| 65 | 25.1 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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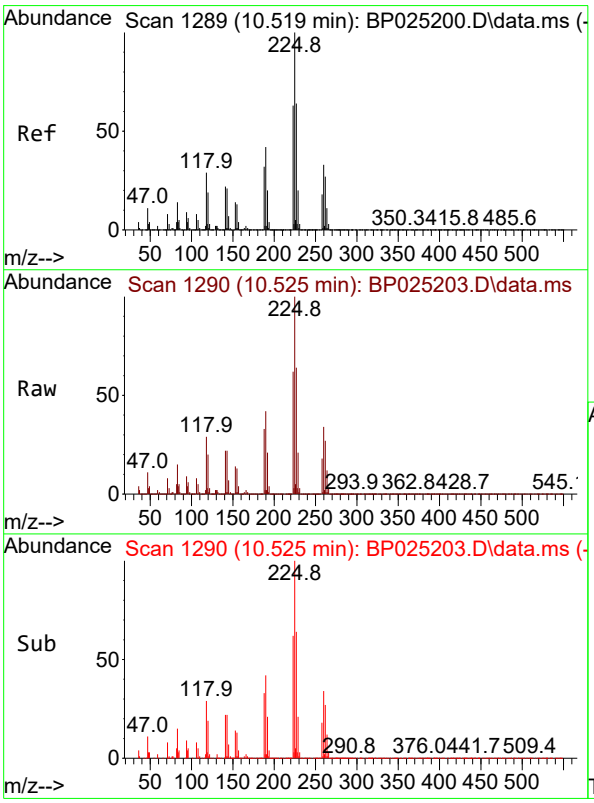
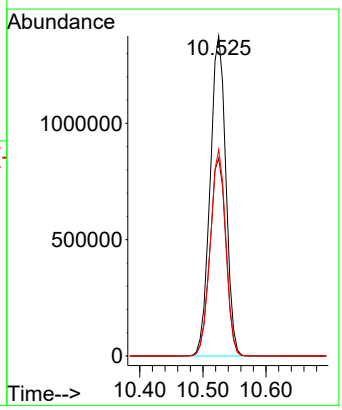
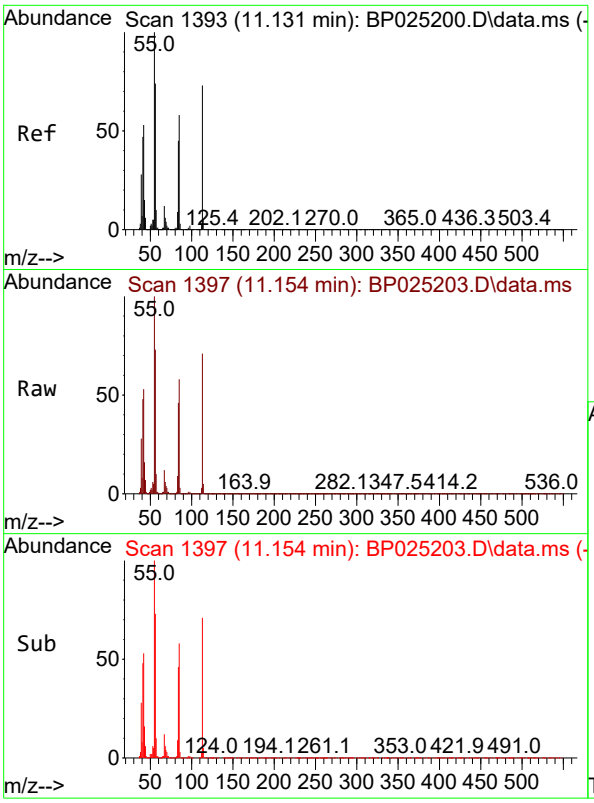



#34
Hexachlorobutadiene
Concen: 75.041 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:225 Resp: 2369882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 50.1 | 75.1 |
| 227 | 64.5 | 51.4 | 77.0 |

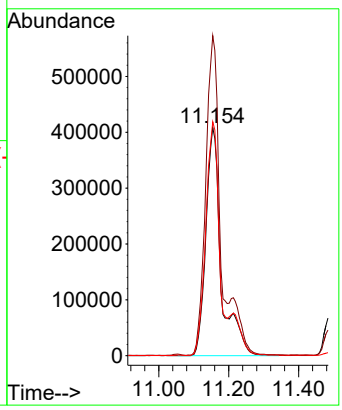





#35
Caprolactam
Concen: 78.901 ng m
RT: 11.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:113 Resp: 124097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 140.3 | 117.6 | 157.6 |
| 56 | 102.6 | 82.4 | 122.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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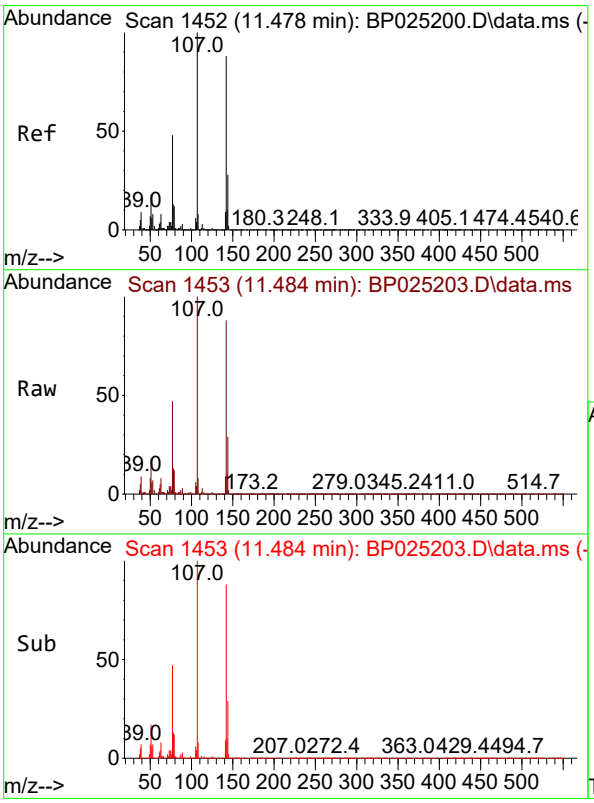
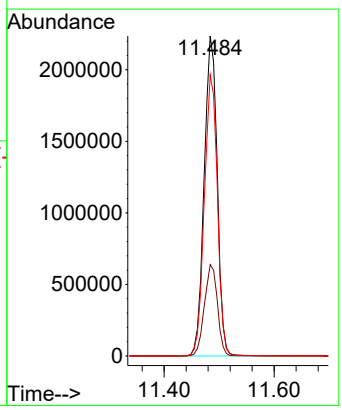
Supervised By :Jagrut Upadhyay 07/22/2025

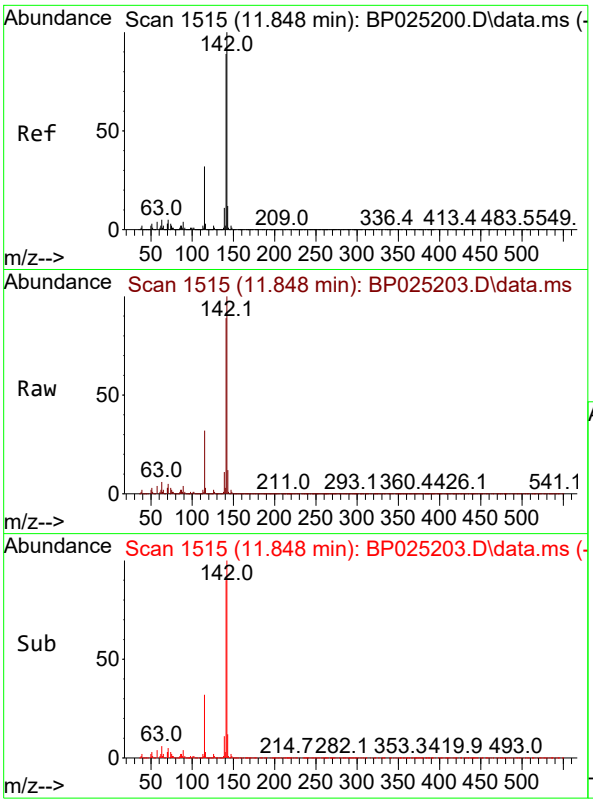



#36
4-Chloro-3-methylphenol
Concen: 77.068 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 3678461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.6 | 22.5 | 33.7 |
| 142 | 87.9 | 70.6 | 105.8 |

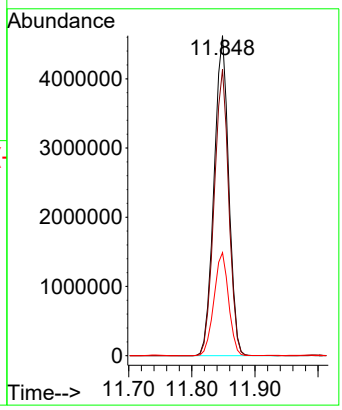





#37
2-Methylnaphthalene
Concen: 73.577 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 745584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.2 | 106.8 |
| 115 | 32.2 | 25.3 | 37.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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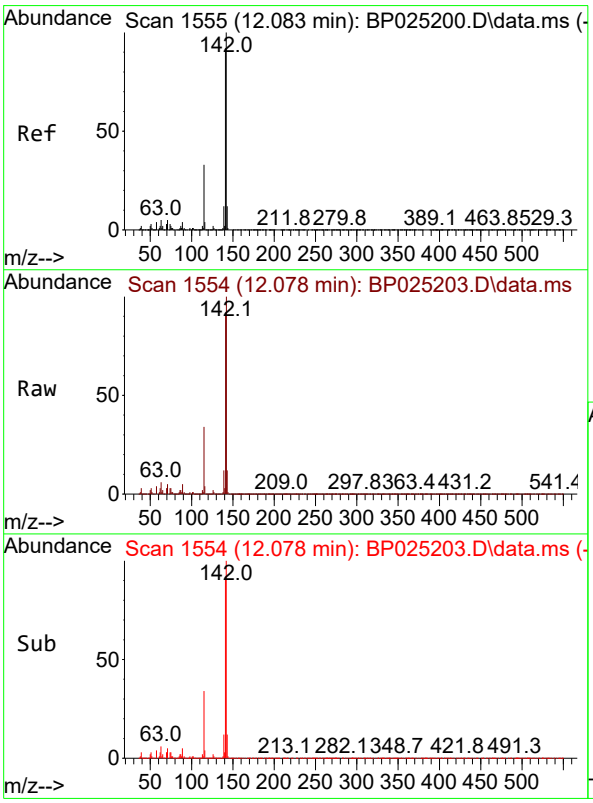
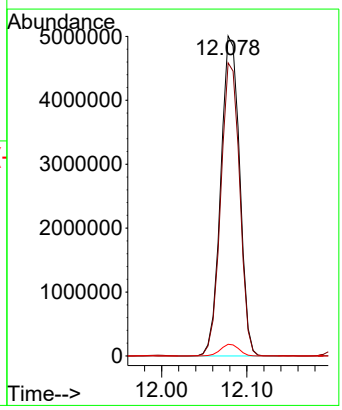
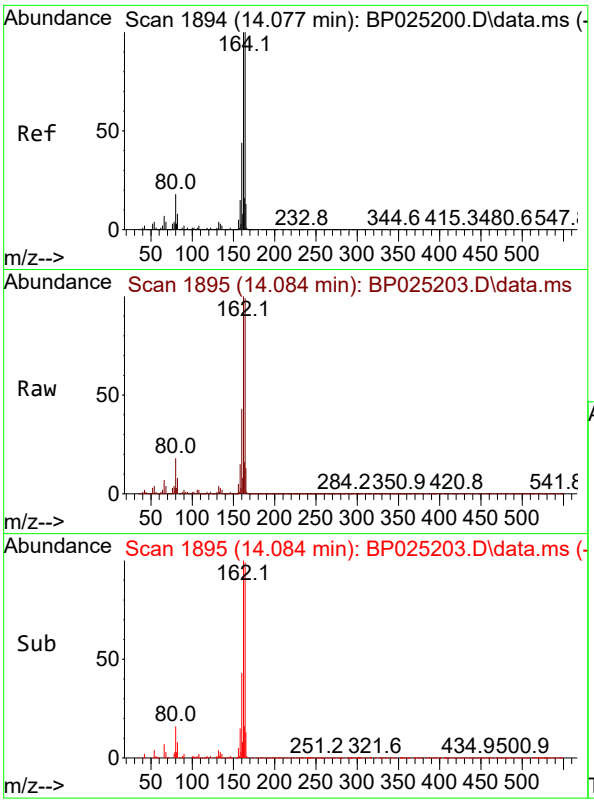



#38
1-Methylnaphthalene
Concen: 71.955 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 7690366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.6 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |

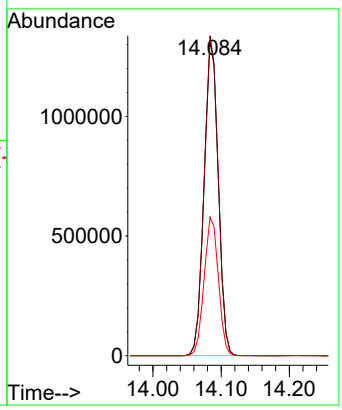





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:164 Resp: 189972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 80.3 | 120.5 |
| 160 | 43.9 | 35.7 | 53.5 |




**Instrument :**
BNA_P
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SSTDICC080

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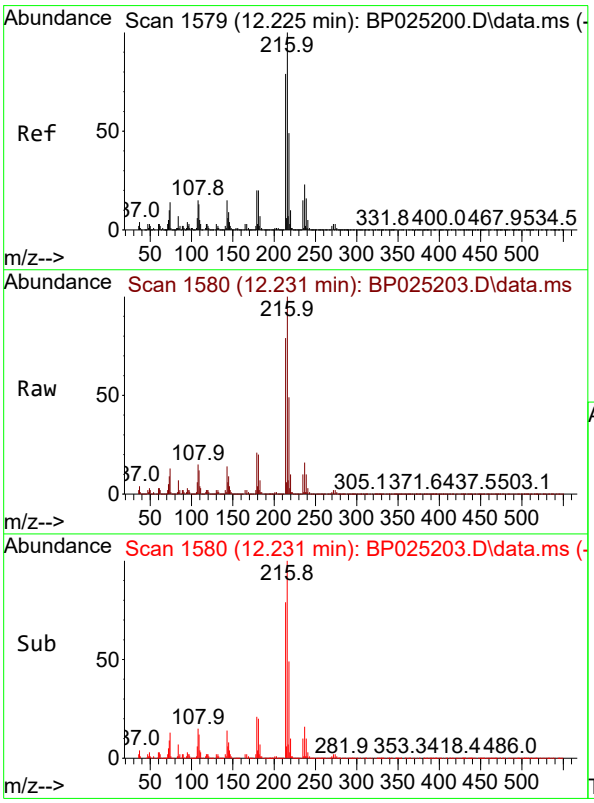
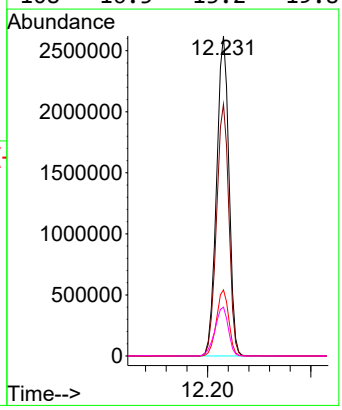
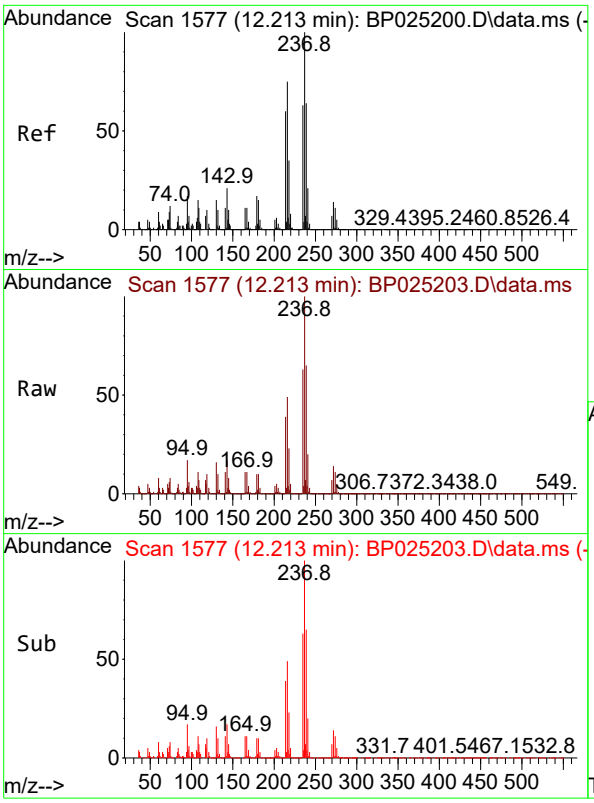



#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.446 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:216 Resp: 4340312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |

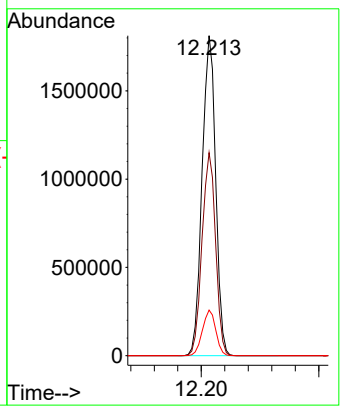





#41
Hexachlorocyclopentadiene
Concen: 88.768 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:237 Resp: 289590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 42.7 | 82.7 |
| 272 | 14.2 | 0.0 | 33.6 |




**Instrument :**
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**ClientSampleId :**
SSTDICC080

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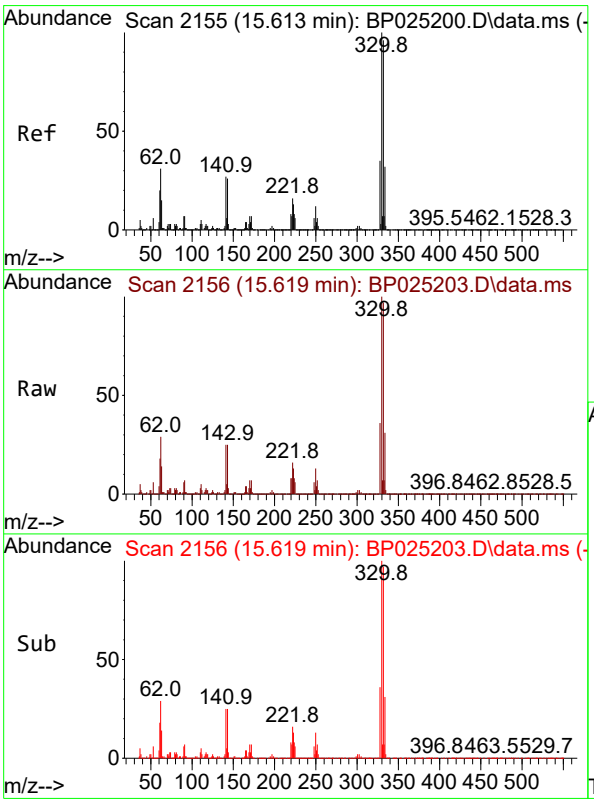
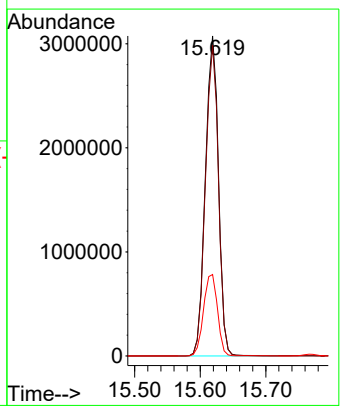
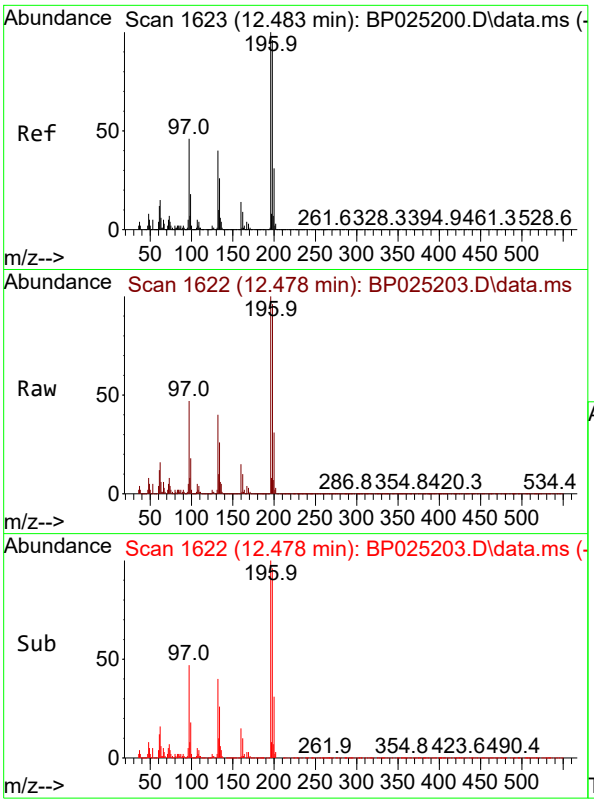



#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:330 Resp: 4276015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 27.1 | 22.4 | 33.6 |






#43
2,4,6-Trichlorophenol
Concen: 79.138 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 307627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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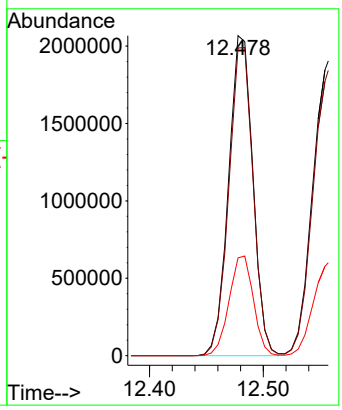
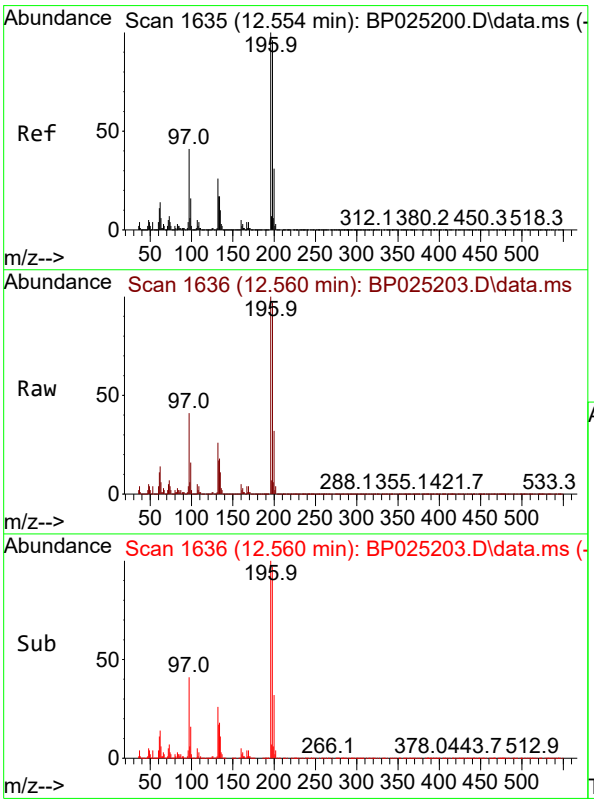
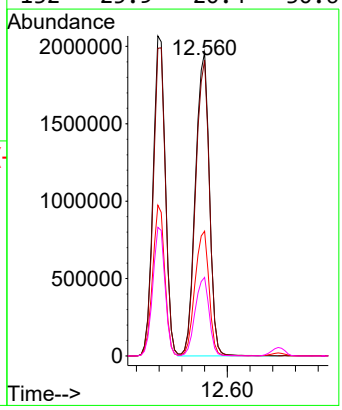


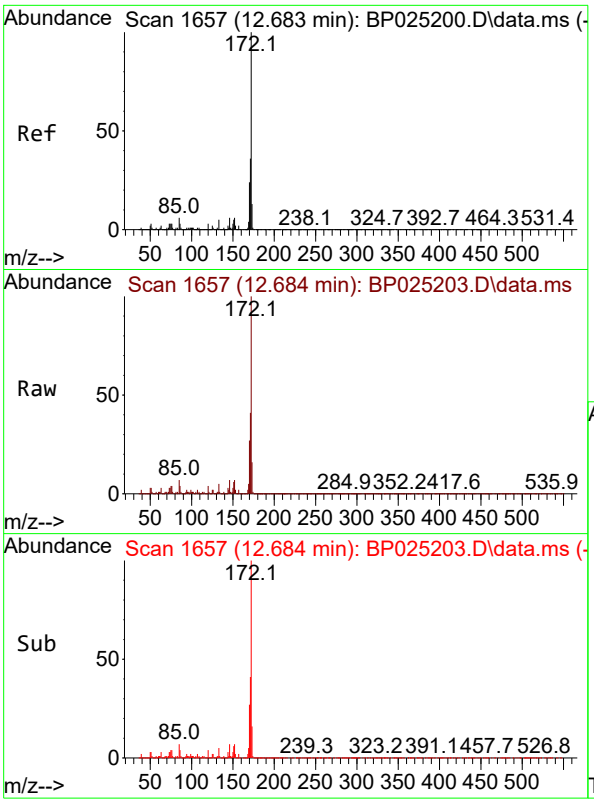




#44
2,4,5-Trichlorophenol
Concen: 78.125 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 3347418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.5 | 76.7 | 115.1 |
| 97 | 41.1 | 33.0 | 49.4 |
| 132 | 25.9 | 20.4 | 30.6 |

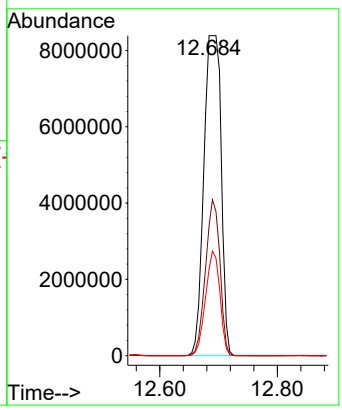





#45
2-Fluorobiphenyl
Concen: 119.181 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:172 Resp:1710188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.6 | 28.8 | 43.2 |
| 170 | 27.1 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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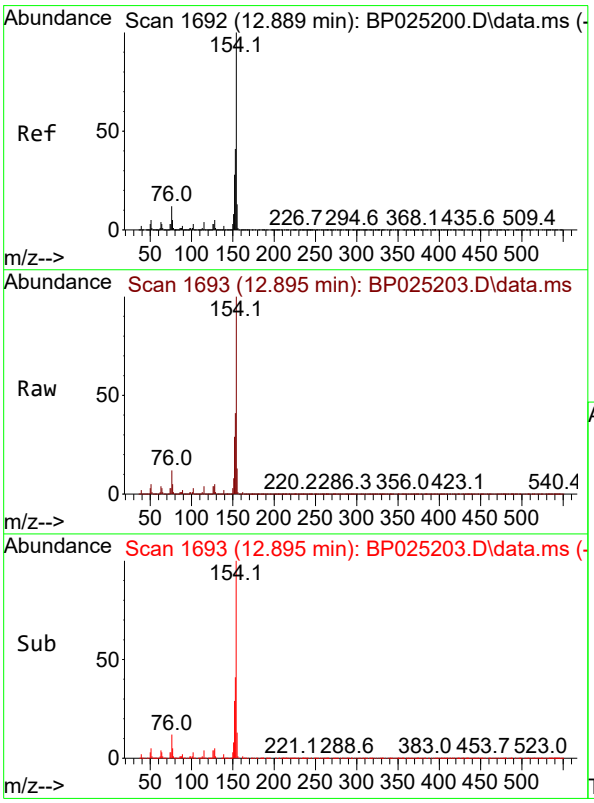
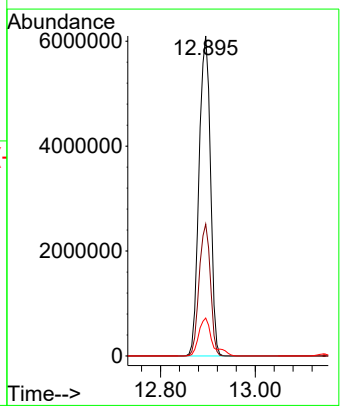
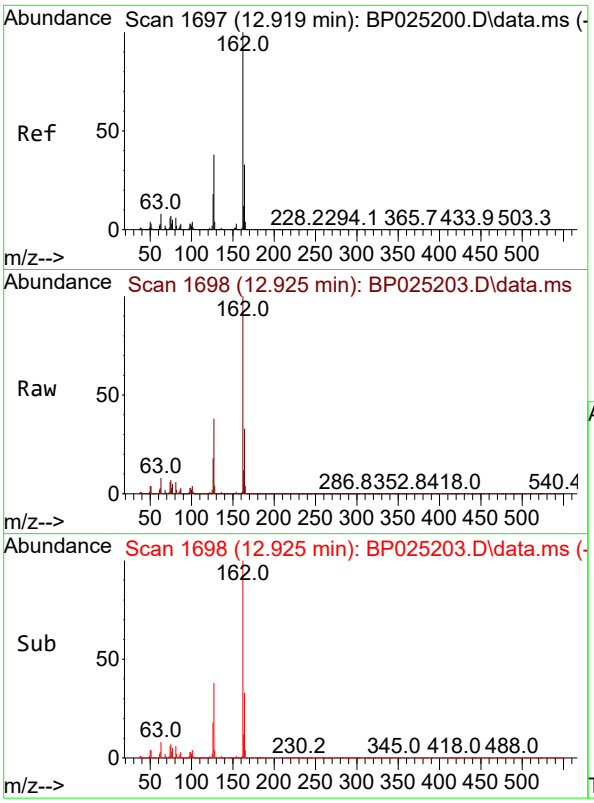



#46
1,1'-Biphenyl
Concen: 72.288 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp:10154378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |

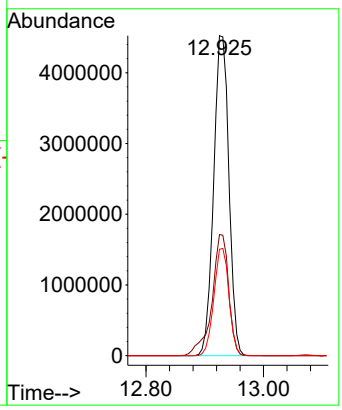





#47
2-Chloronaphthalene
Concen: 74.828 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:162 Resp: 814350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.1 | 45.1 |
| 164 | 33.3 | 26.5 | 39.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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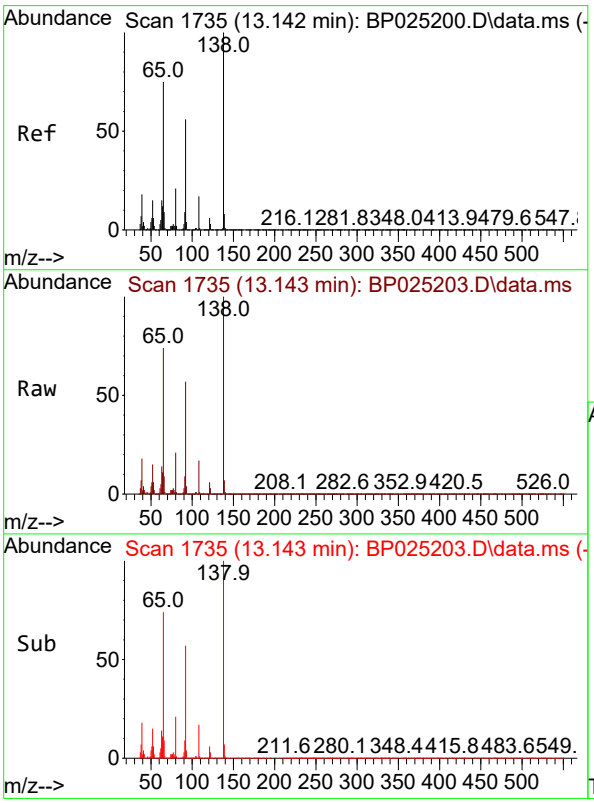
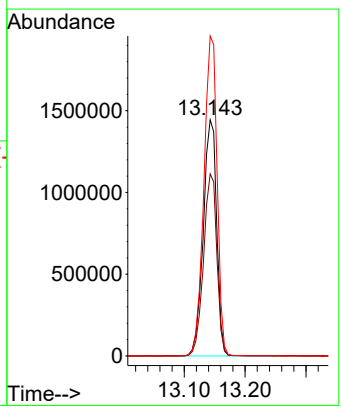
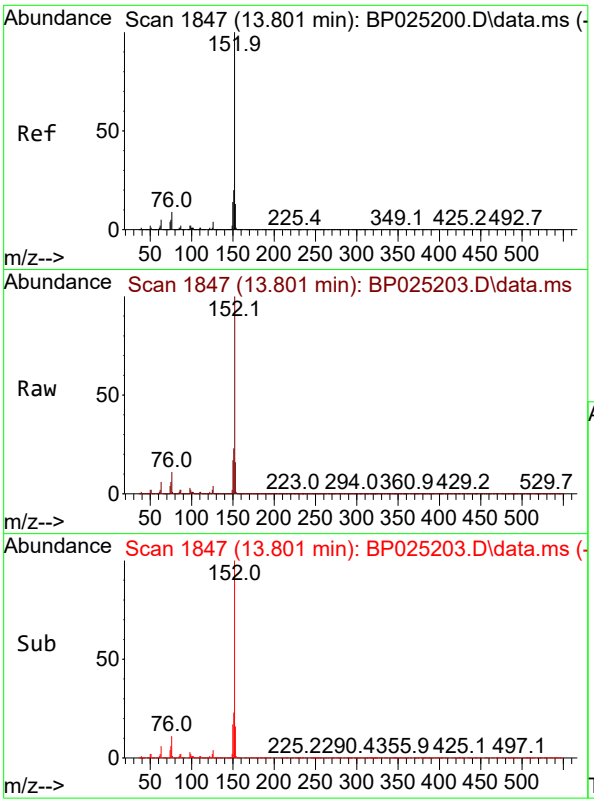



#48
2-Nitroaniline
Concen: 80.707 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 65 Resp: 2203215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.1 | 59.9 | 89.9 |
| 138 | 135.5 | 107.1 | 160.7 |

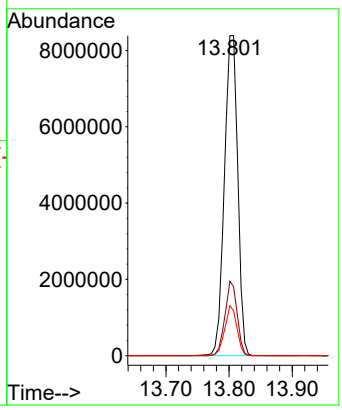





#49
Acenaphthylene
Concen: 68.982 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:152 Resp:1231046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.2 | 16.2 | 24.2 |
| 153 | 15.6 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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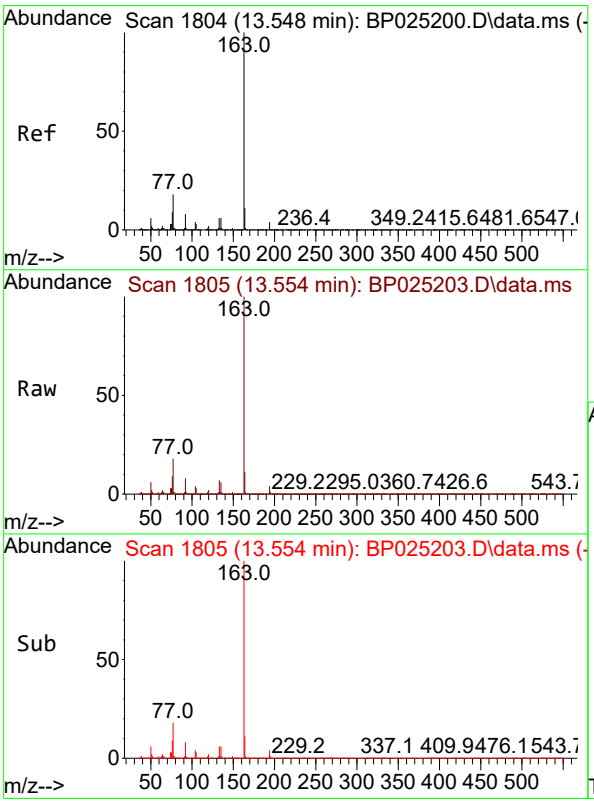
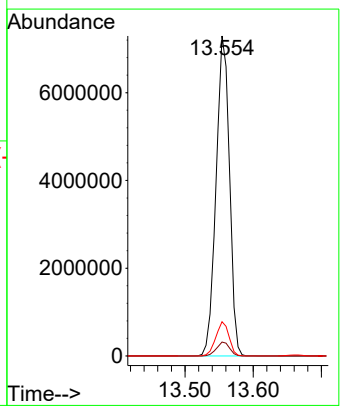
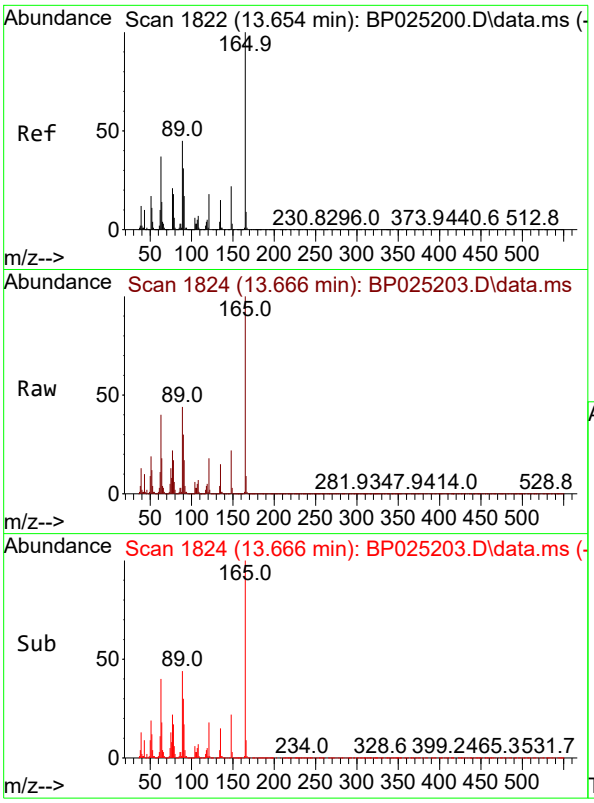



#50
Dimethylphthalate
Concen: 72.091 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:163 Resp: 9992464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.7 | 8.5 | 12.7 |

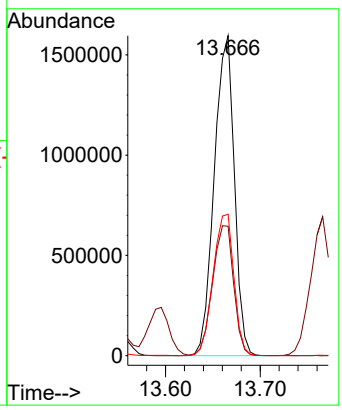





#51
2,6-Dinitrotoluene
Concen: 80.161 ng
RT: 13.666 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 235203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.5 | 33.4 | 50.2 |
| 89 | 44.2 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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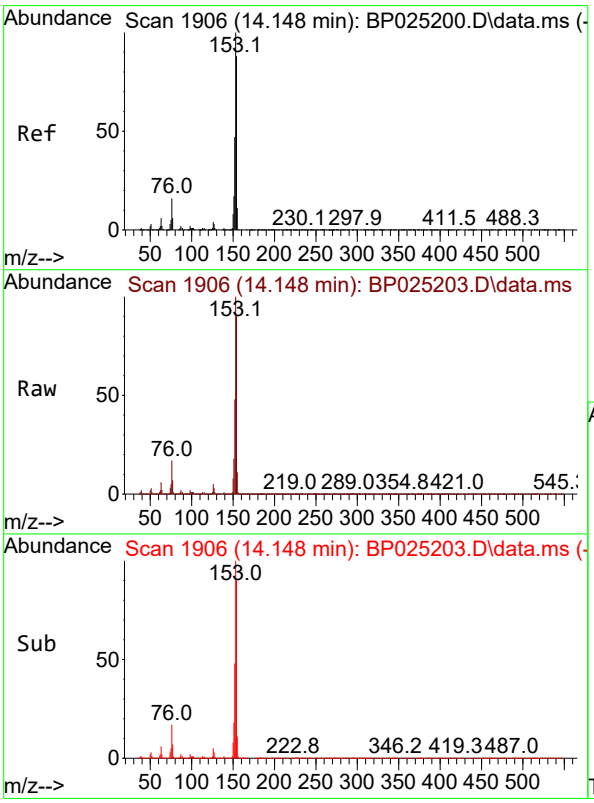
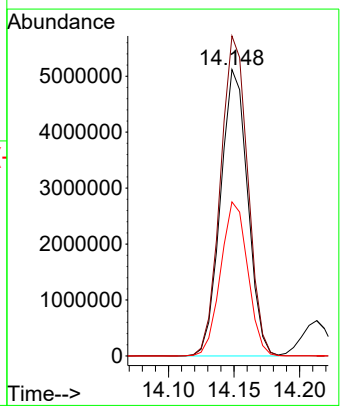
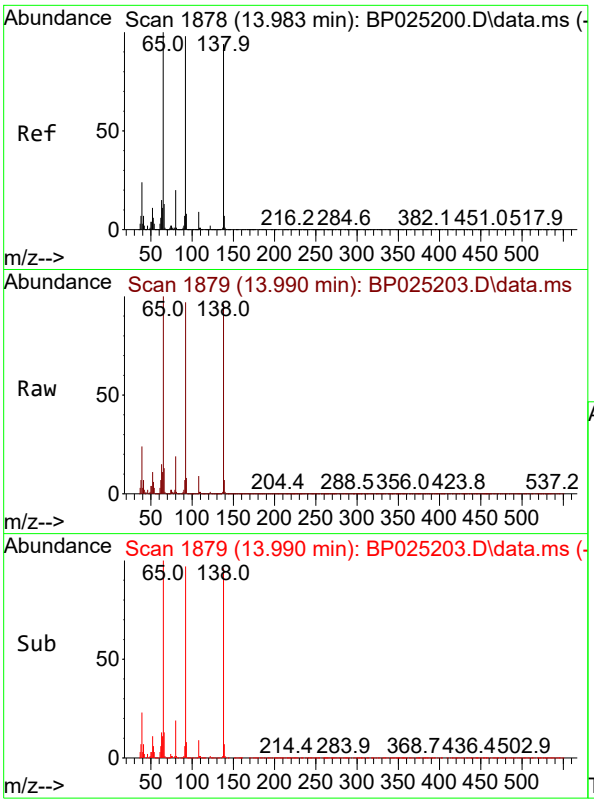



#52
Acenaphthene
Concen: 71.522 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp: 7352873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.8 | 42.9 | 64.3 |






#53
3-Nitroaniline
Concen: 80.451 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 266340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 7.5 | 11.3 |
| 92 | 100.9 | 83.2 | 124.8 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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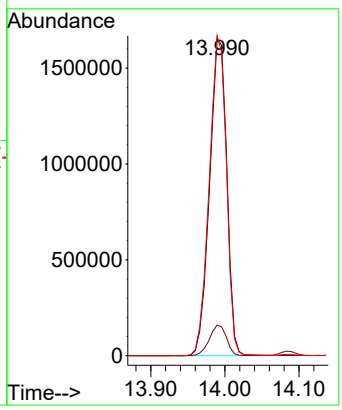
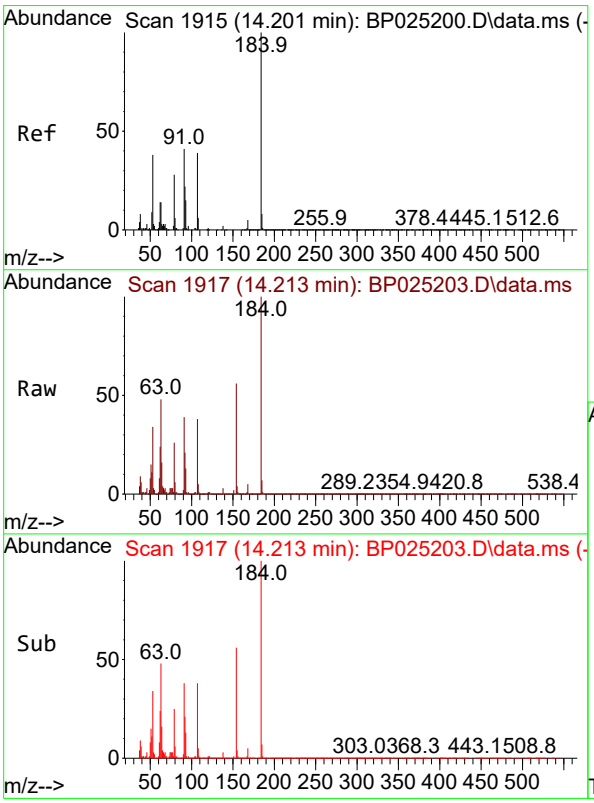
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

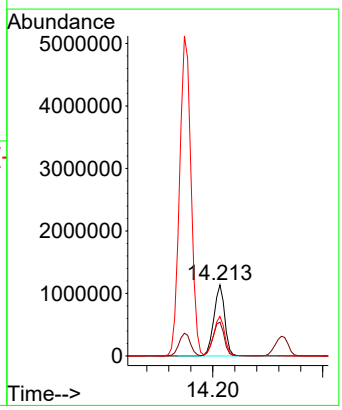


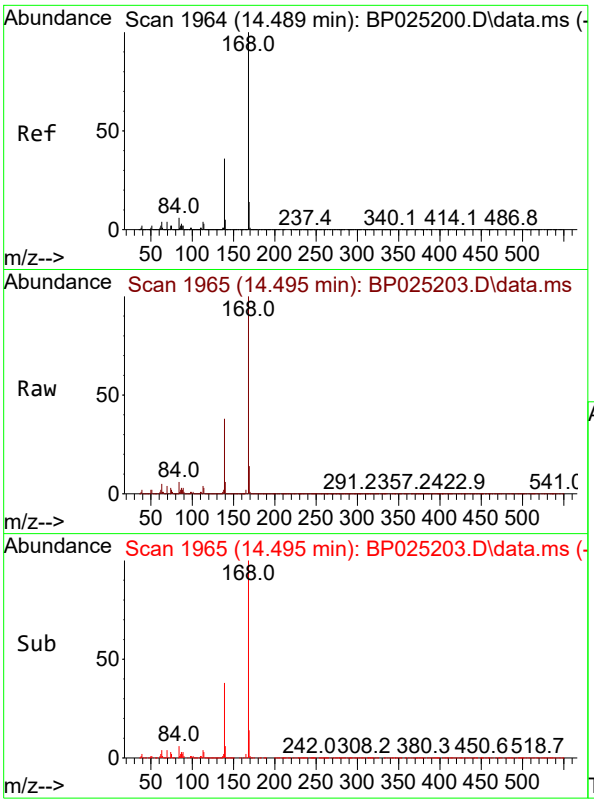




#54
2,4-Dinitrophenol
Concen: 94.925 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 1560749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 47.7 | 41.8 | 62.8 |
| 154 | 55.7 | 45.7 | 68.5 |

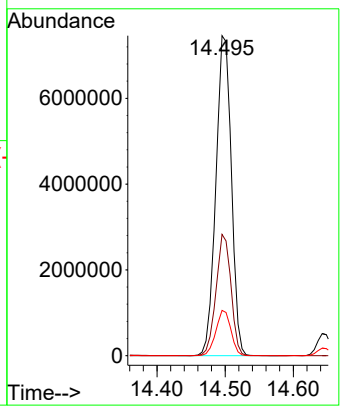





#55
Dibenzofuran
Concen: 70.782 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:168 Resp:1178176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.9 | 28.7 | 43.1 |
| 169 | 14.1 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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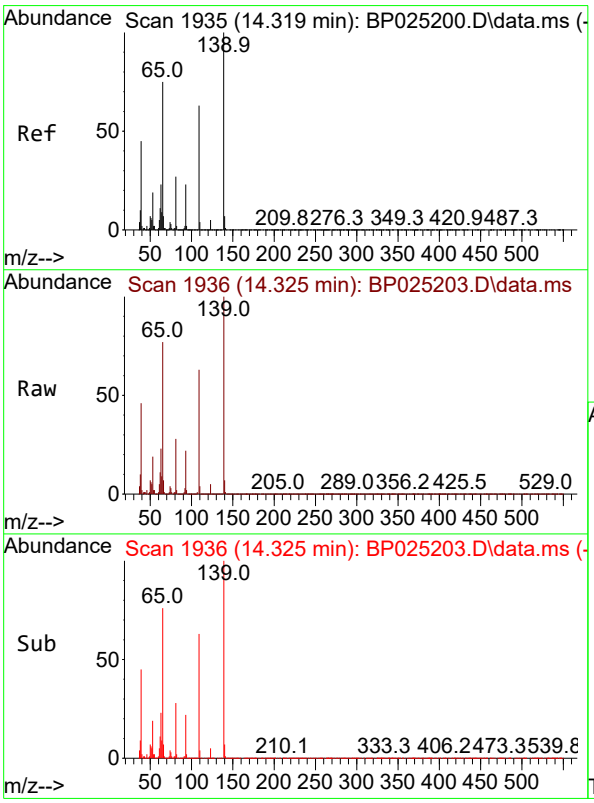
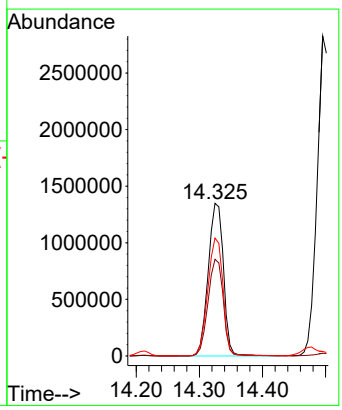
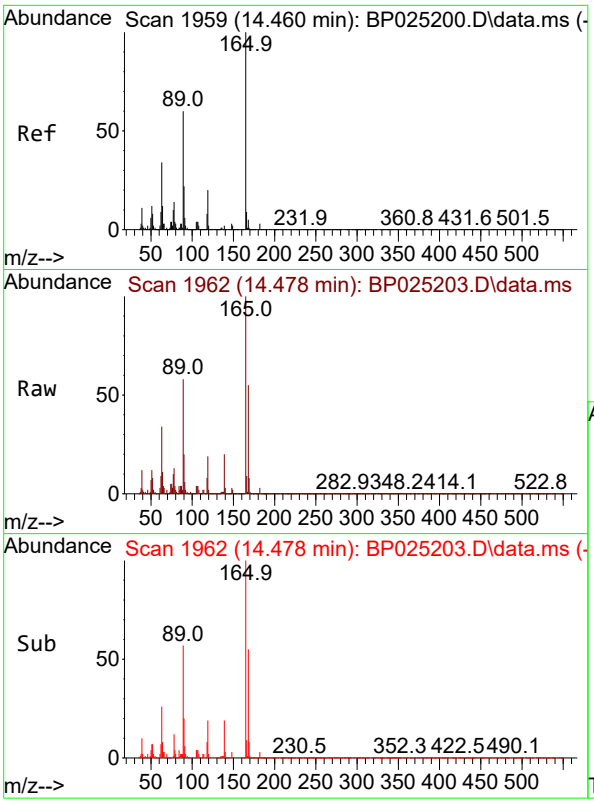



#56
4-Nitrophenol
Concen: 80.237 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2263623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.3 | 42.6 | 82.6 |
| 65 | 77.3 | 55.4 | 95.4 |

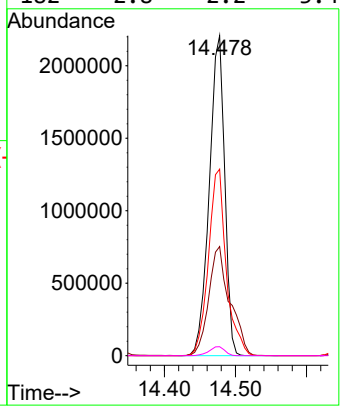





#57
2,4-Dinitrotoluene
Concen: 81.257 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:165 Resp: 332146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.1 | 27.0 | 40.4 |
| 89 | 58.3 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |




**Instrument :**
BNA_P
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SSTDICC080

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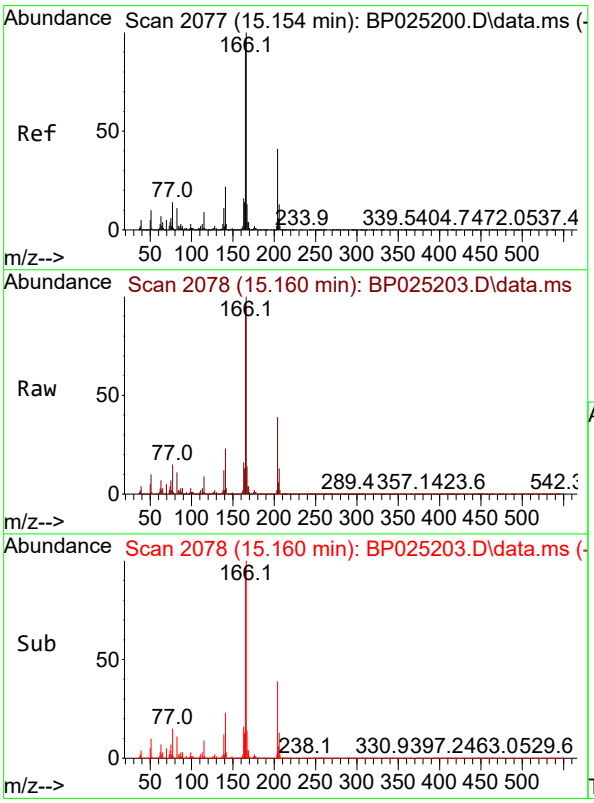
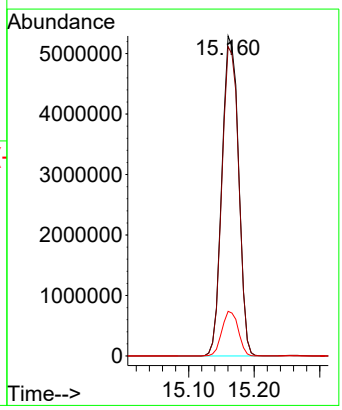
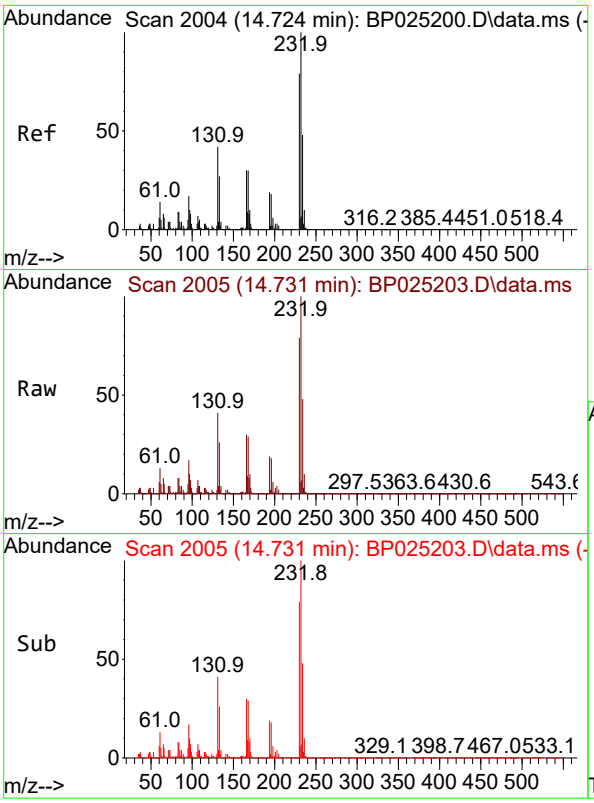



#58
Fluorene
Concen: 69.887 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:166 Resp: 9278378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.7 | 78.0 | 117.0 |
| 167 | 13.9 | 10.7 | 16.1 |

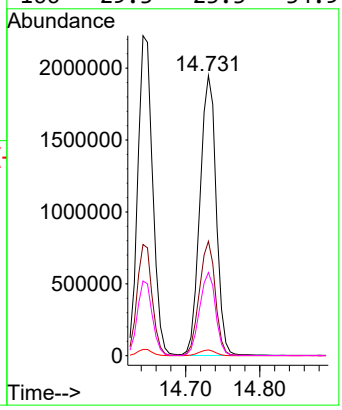





#59
2,3,4,6-Tetrachlorophenol
Concen: 78.074 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:232 Resp: 296133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.3 | 23.3 | 34.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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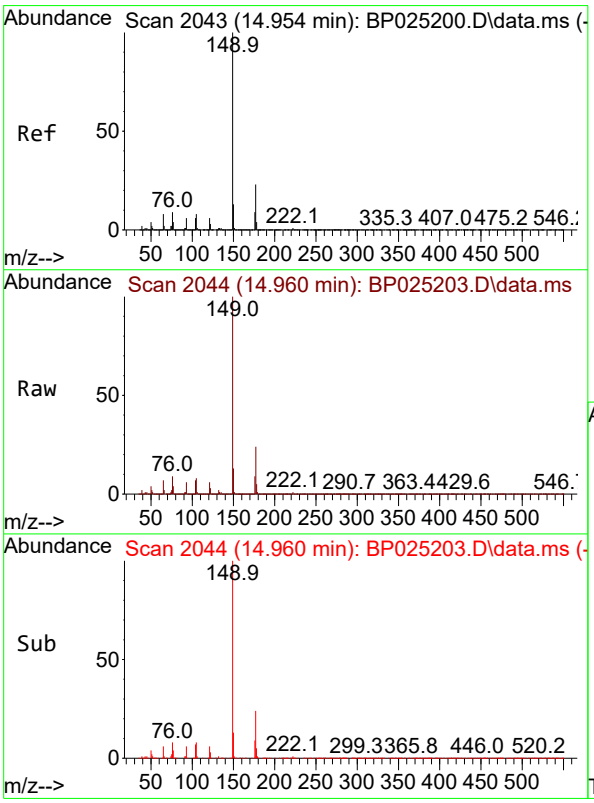
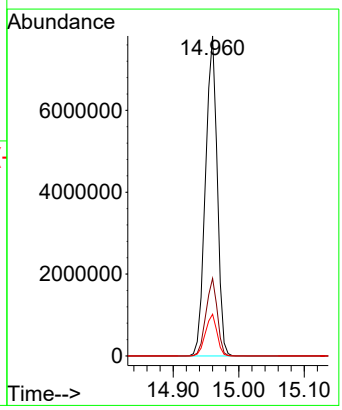
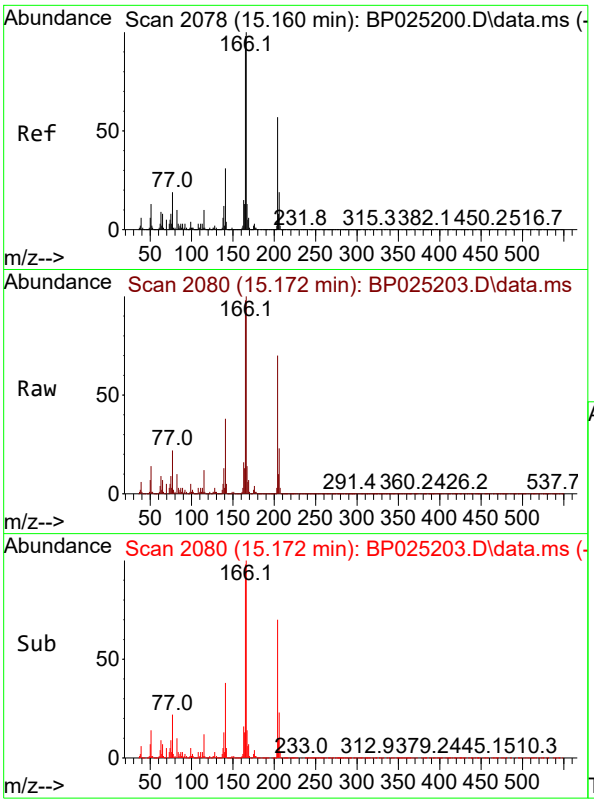



#60
Diethylphthalate
Concen: 71.116 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 9739656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 18.4 | 27.6 |
| 150 | 13.1 | 10.0 | 15.0 |

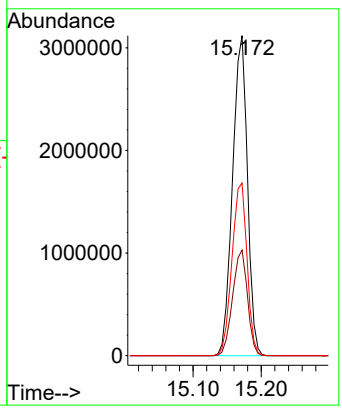





#61
4-Chlorophenyl-phenylether
Concen: 70.690 ng
RT: 15.172 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:204 Resp: 473034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.3 | 39.5 |
| 141 | 54.0 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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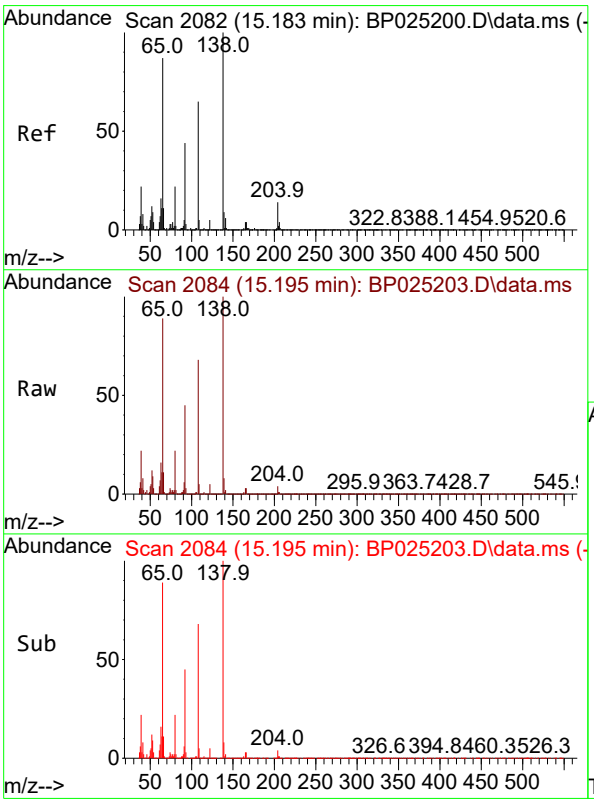
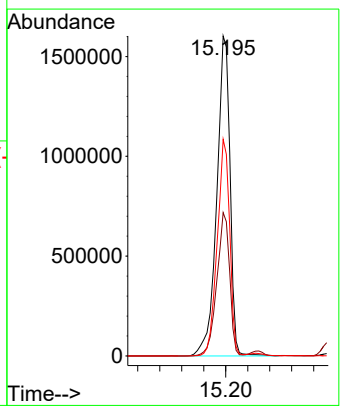
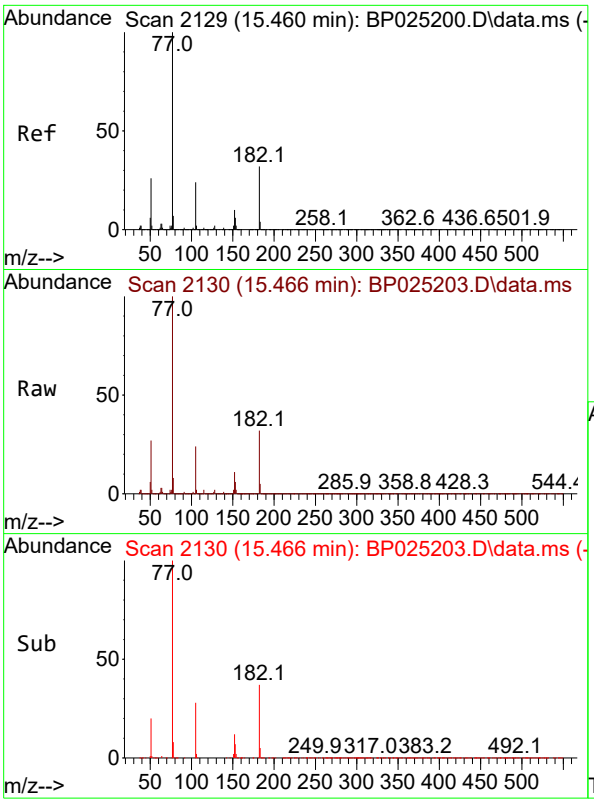



#62
4-Nitroaniline
Concen: 79.596 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 2685203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.8 | 24.0 | 64.0 |
| 108 | 67.7 | 44.9 | 84.9 |

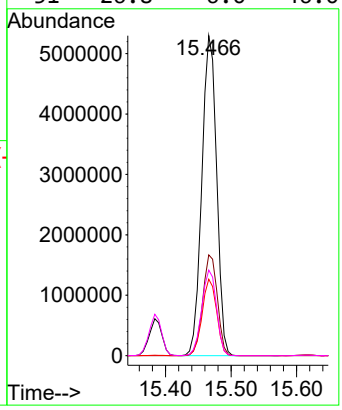





#63
Azobenzene
Concen: 75.626 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 831971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.5 | 12.0 | 52.0 |
| 105 | 23.9 | 3.6 | 43.6 |
| 51 | 26.8 | 6.0 | 46.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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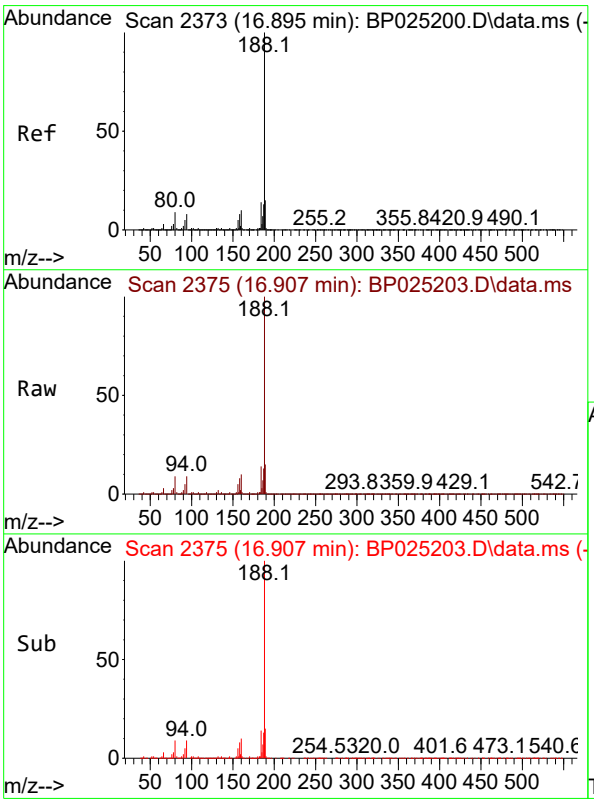
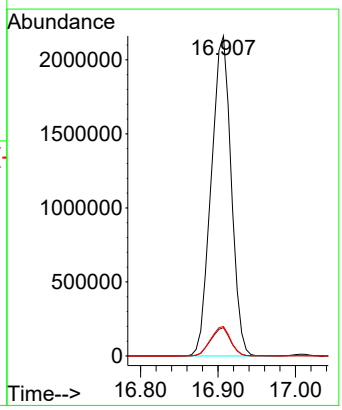
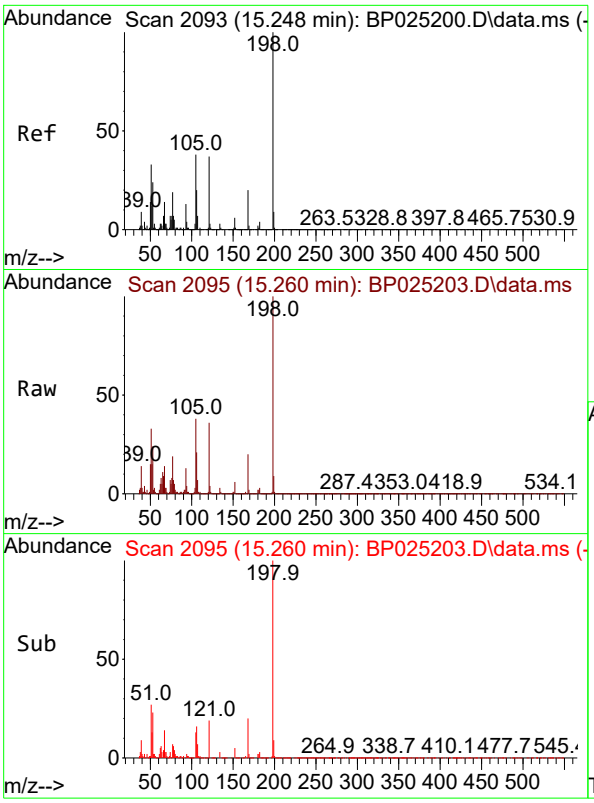



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:188 Resp: 3857742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.8 | 10.2 |
| 80 | 9.2 | 7.3 | 10.9 |

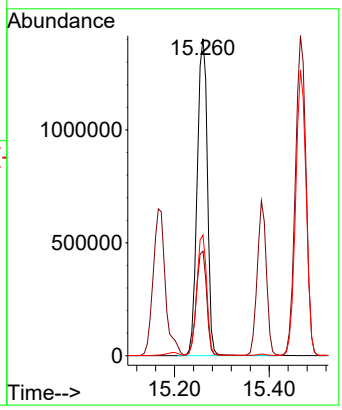





#65
4,6-Dinitro-2-methylphenol
Concen: 86.660 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:198 Resp: 209293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.0 | 14.6 | 54.6 |
| 105 | 38.1 | 18.3 | 58.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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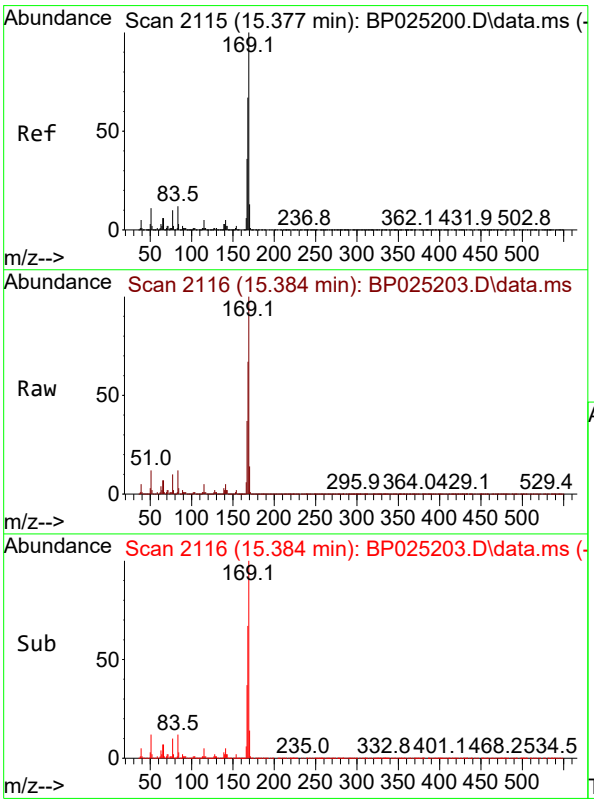
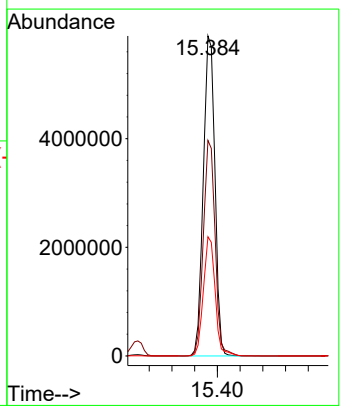
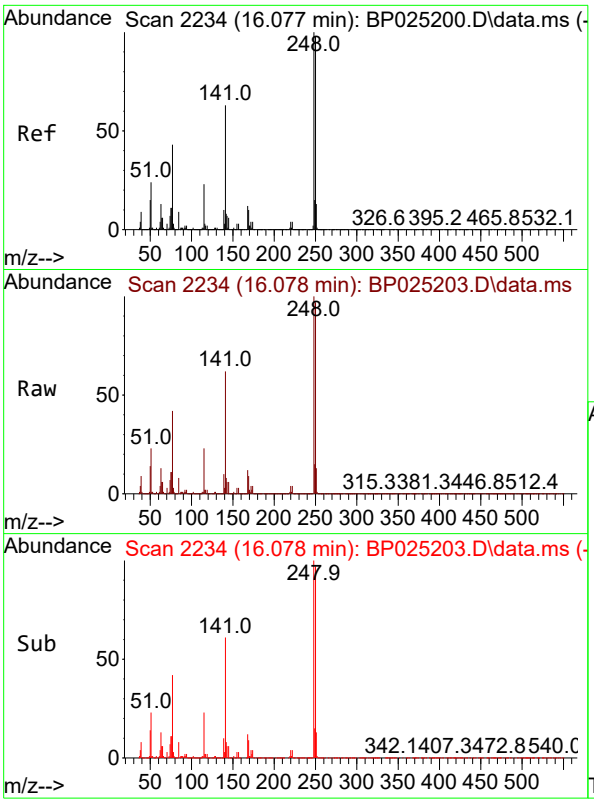



#66
n-Nitrosodiphenylamine
Concen: 69.242 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:169 Resp: 8318929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 53.7 | 80.5 |
| 167 | 37.2 | 29.0 | 43.6 |






#67
4-Bromophenyl-phenylether
Concen: 74.593 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:248 Resp: 339284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 78.5 | 117.7 |
| 141 | 61.5 | 50.5 | 75.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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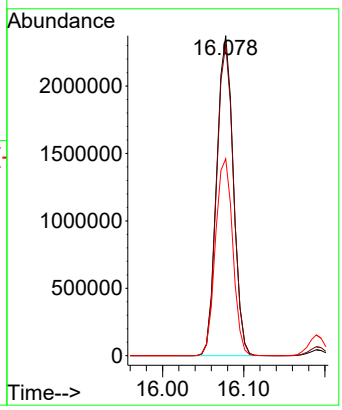
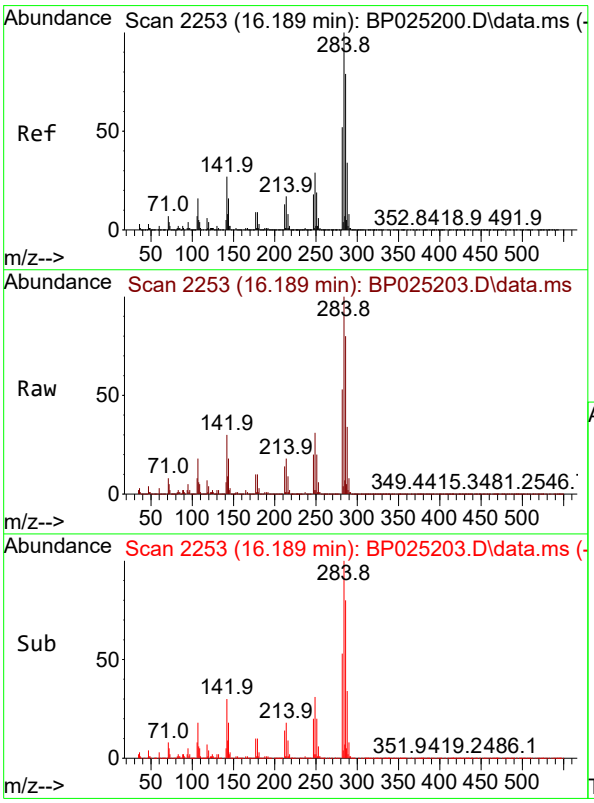
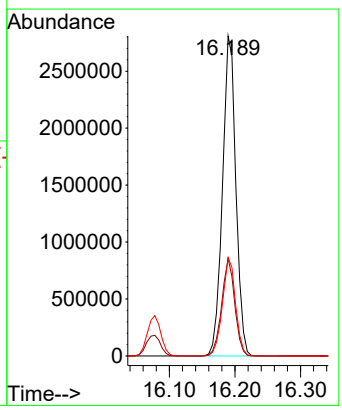


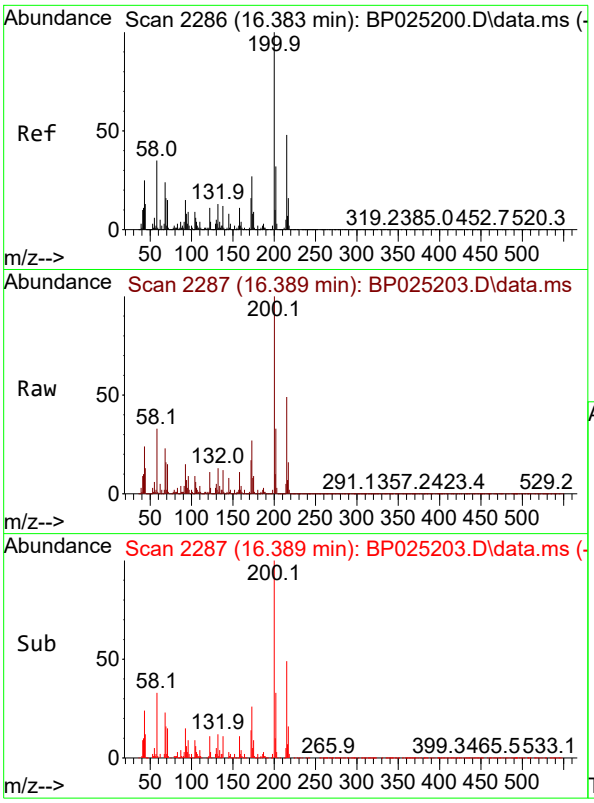




#68
Hexachlorobenzene
Concen: 72.885 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:284 Resp: 3958634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.5 | 21.5 | 32.3 |
| 249 | 30.7 | 23.4 | 35.0 |

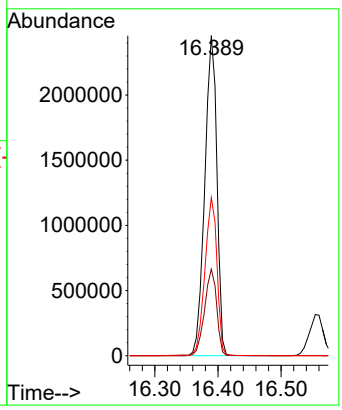





#69
Atrazine
Concen: 74.592 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:200 Resp: 326648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 7.4 | 47.4 |
| 215 | 49.4 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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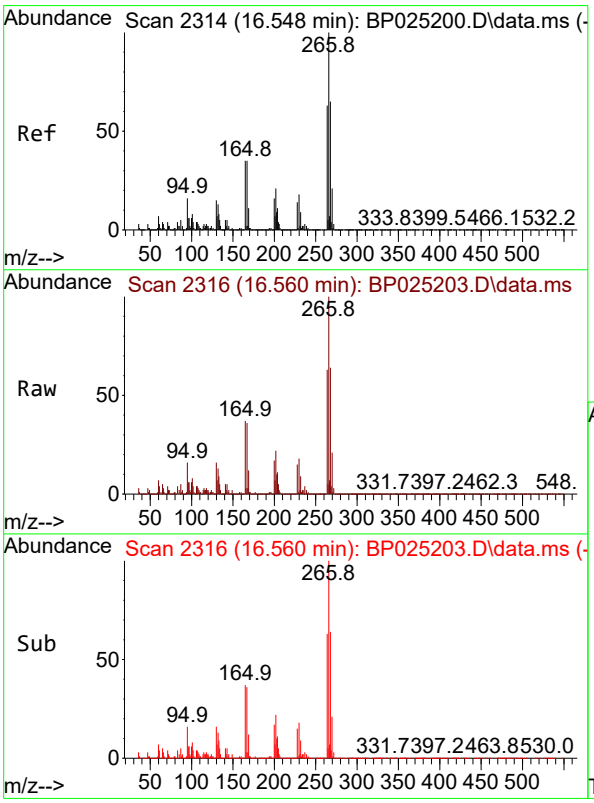
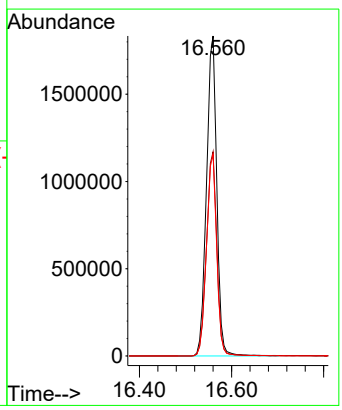
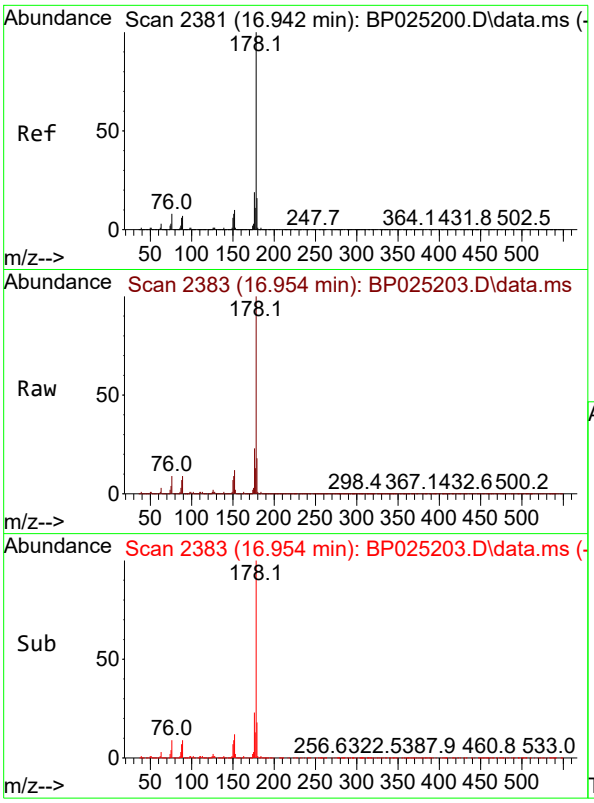



#70
Pentachlorophenol
Concen: 78.904 ng
RT: 16.560 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:266 Resp: 2852574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 51.8 | 77.6 |
| 264 | 63.0 | 50.3 | 75.5 |

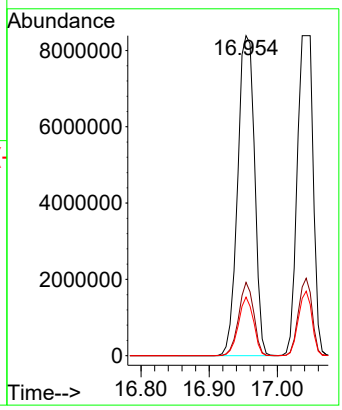





#71
Phenanthrene
Concen: 66.900 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:1438018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.9 | 15.6 | 23.4 |
| 179 | 18.3 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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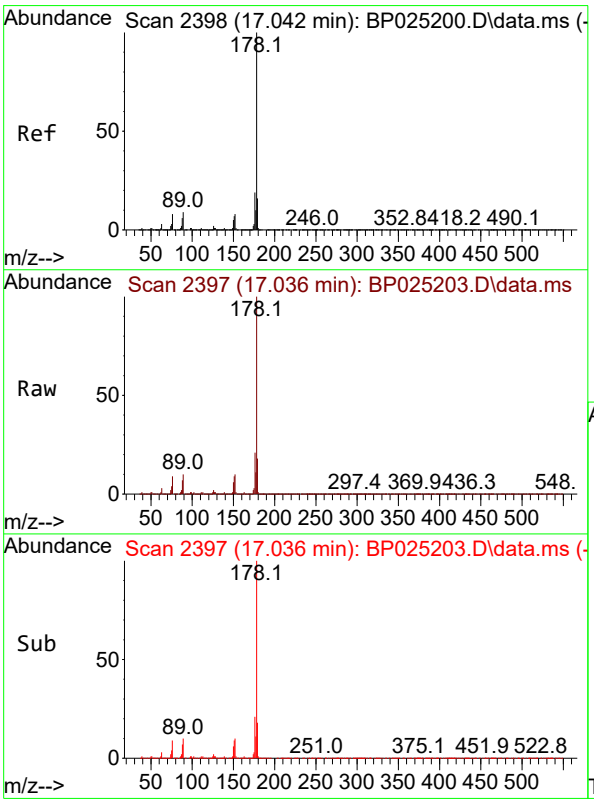
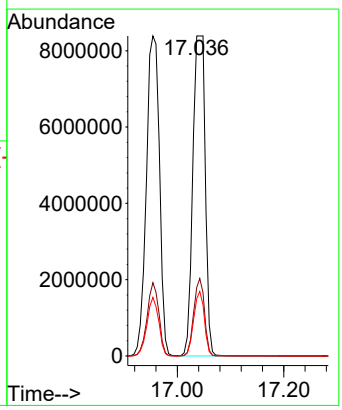
Supervised By :Jagrut Upadhyay 07/22/2025

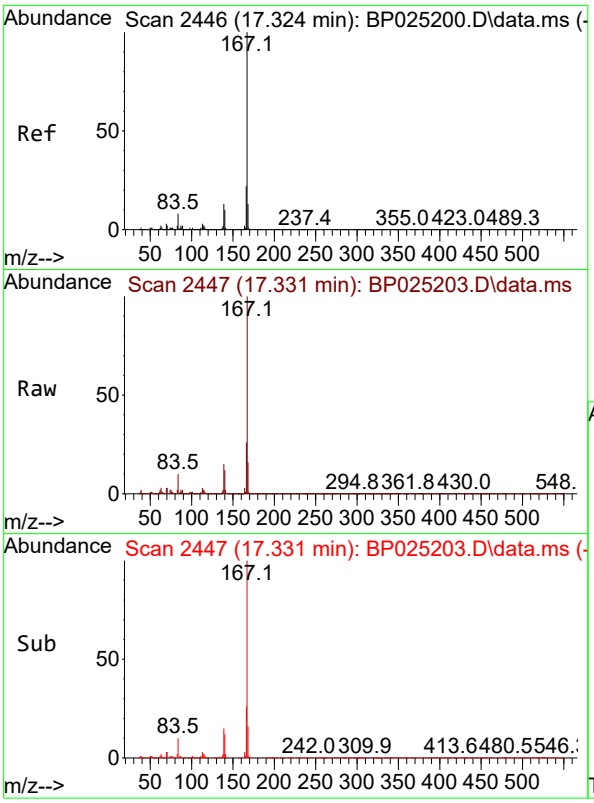



#72
Anthracene
Concen: 62.578 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:13655221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.4 | 15.0 | 22.4 |
| 179 | 17.9 | 12.5 | 18.7 |

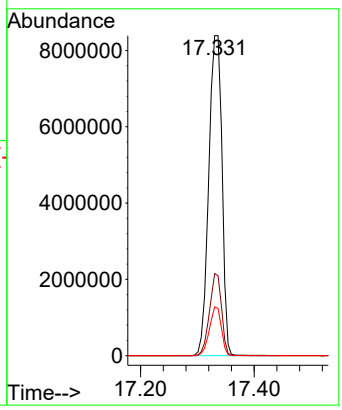





#73
Carbazole
Concen: 65.036 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:167 Resp:1350296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 25.6 | 17.3 | 25.9 |
| 139 | 15.2 | 10.1 | 15.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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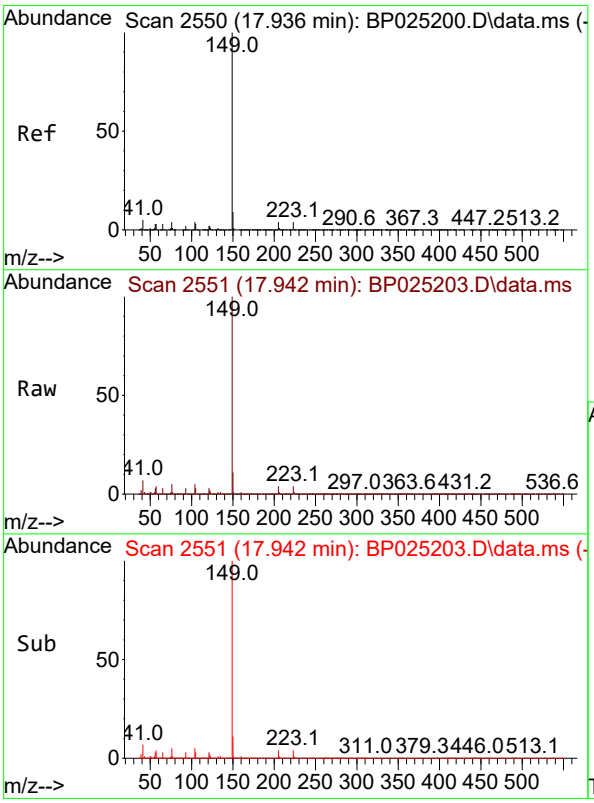
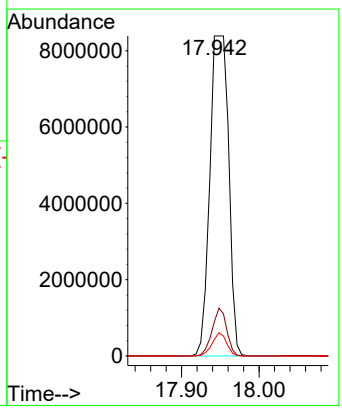
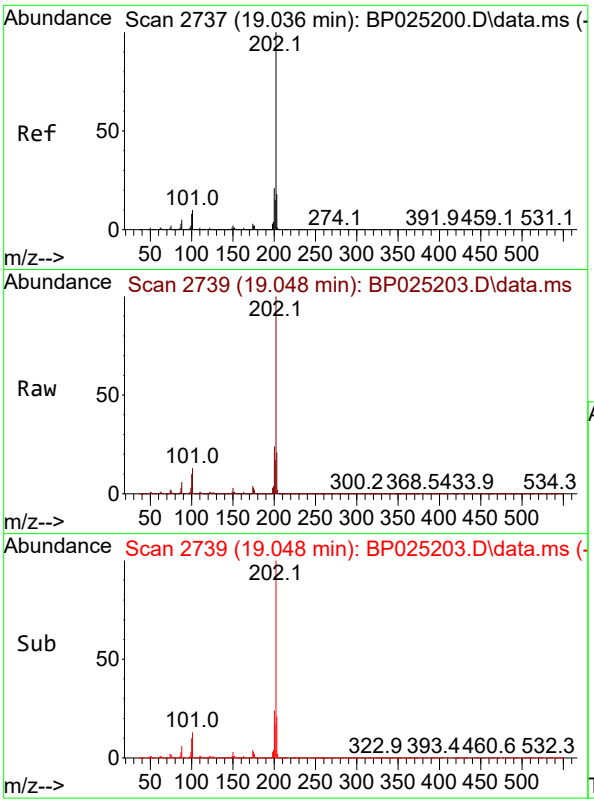



#74
Di-n-butylphthalate
Concen: 58.482 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:14237898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.7 | 7.6 | 11.4 |
| 104 | 5.2 | 3.5 | 5.3 |

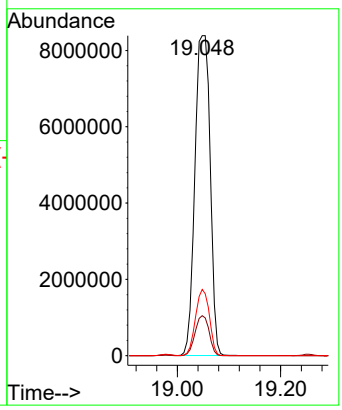





#75
Fluoranthene
Concen: 67.620 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:1718575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 30.3 |
| 203 | 20.7 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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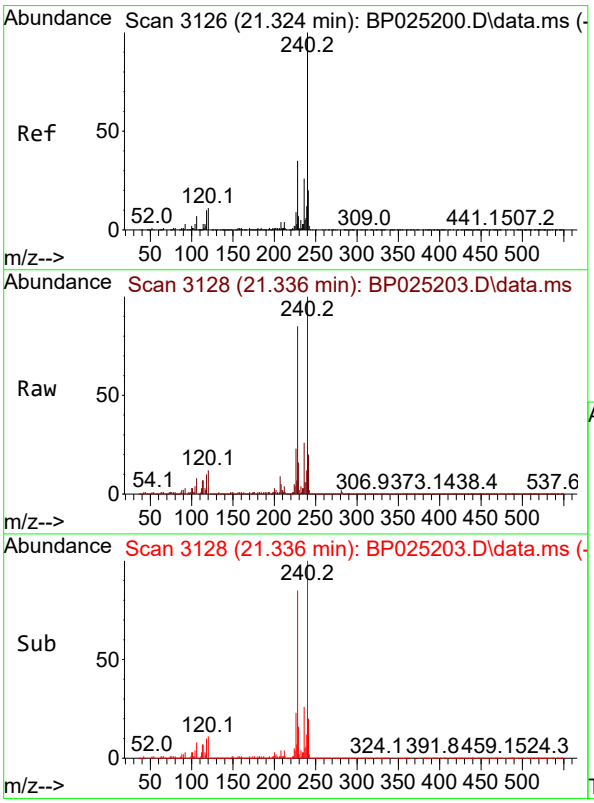
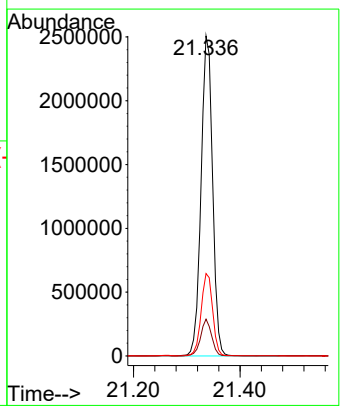
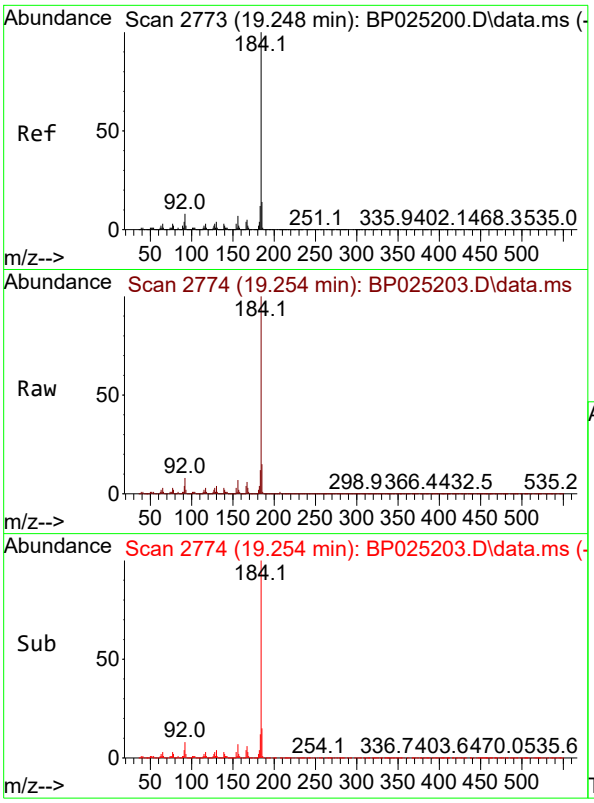



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:240 Resp: 3752201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |

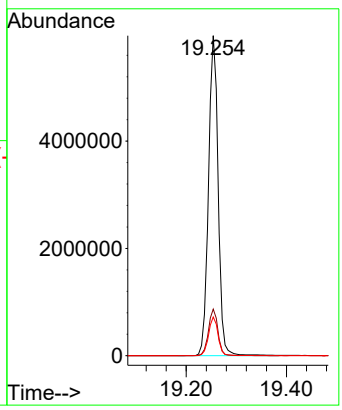





#77
Benzidine
Concen: 55.646 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 797572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.5 | 17.3 |
| 183 | 12.1 | 9.6 | 14.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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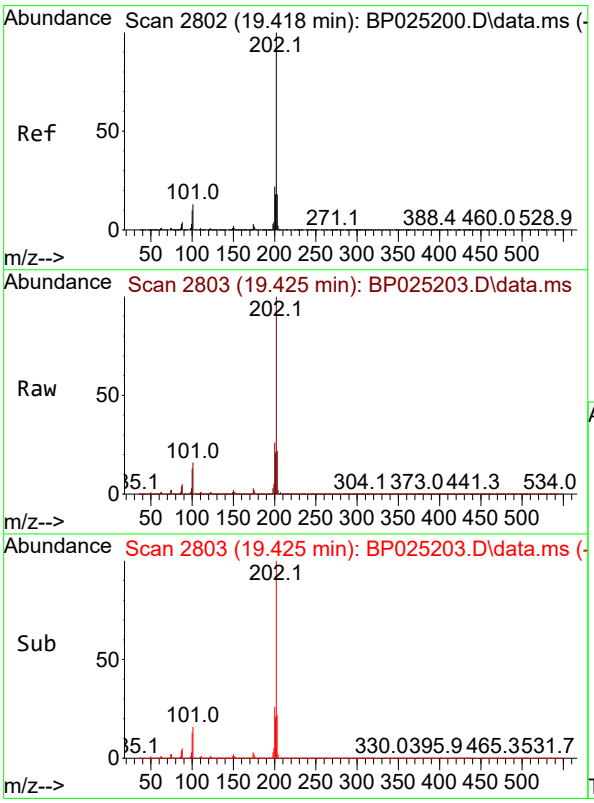
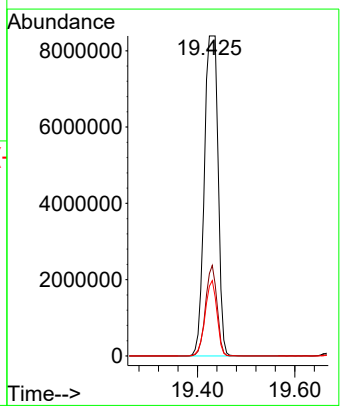
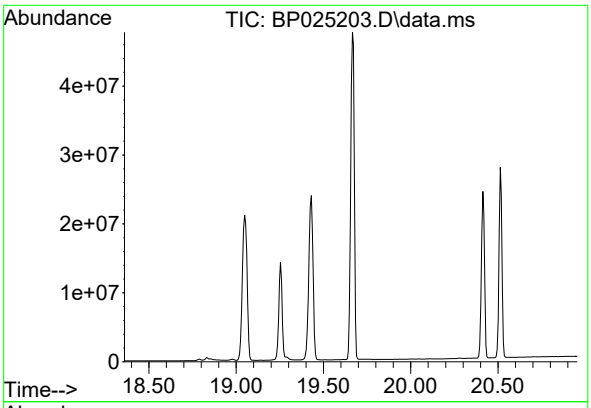



#78
Pyrene
Concen: 68.613 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:16361302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.8 | 17.4 | 26.2 |
| 203 | 21.8 | 14.3 | 21.5# |






#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.66 min

Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 8.2 |
| 122 | 12.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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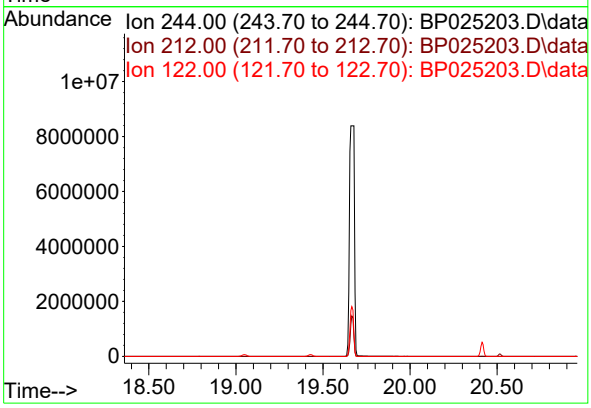
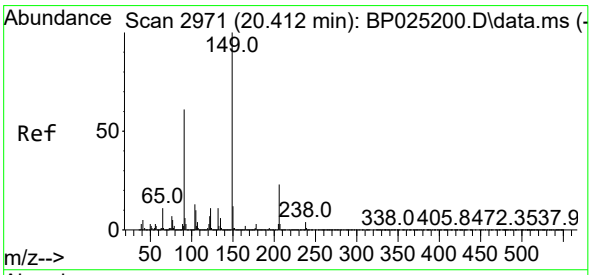
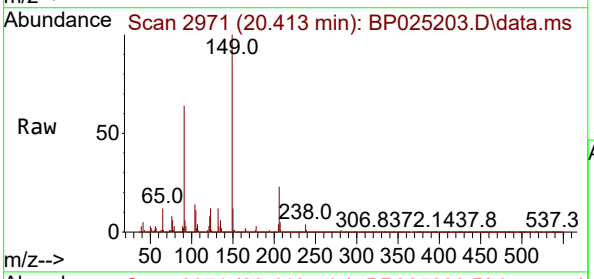
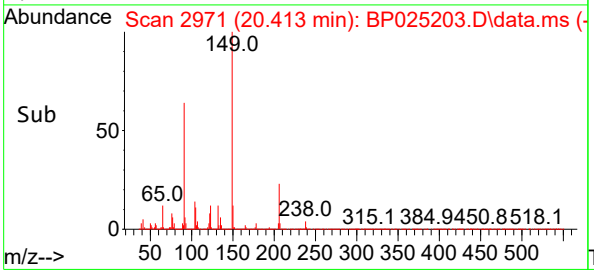


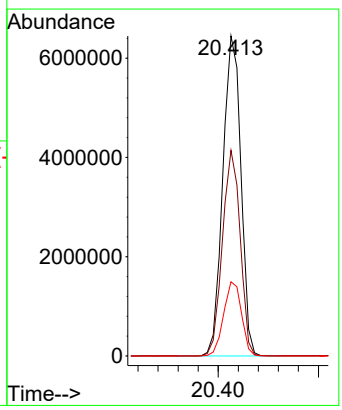



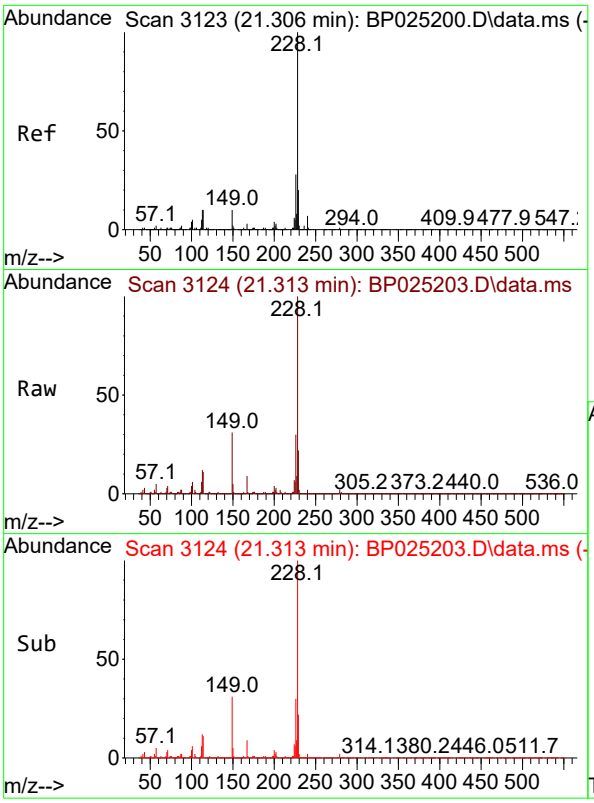




#80
Butylbenzylphthalate
Concen: 76.566 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 8056925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.3 | 48.8 | 73.2 |
| 206 | 23.2 | 18.4 | 27.6 |

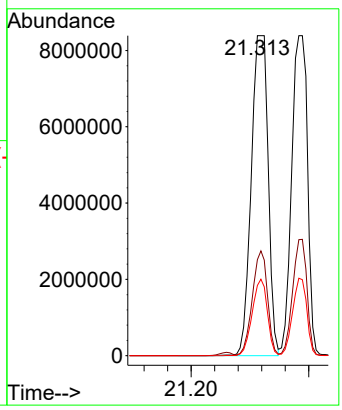





#81
Benzo(a)anthracene
Concen: 68.598 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1674208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 22.3 | 33.5 |
| 229 | 21.9 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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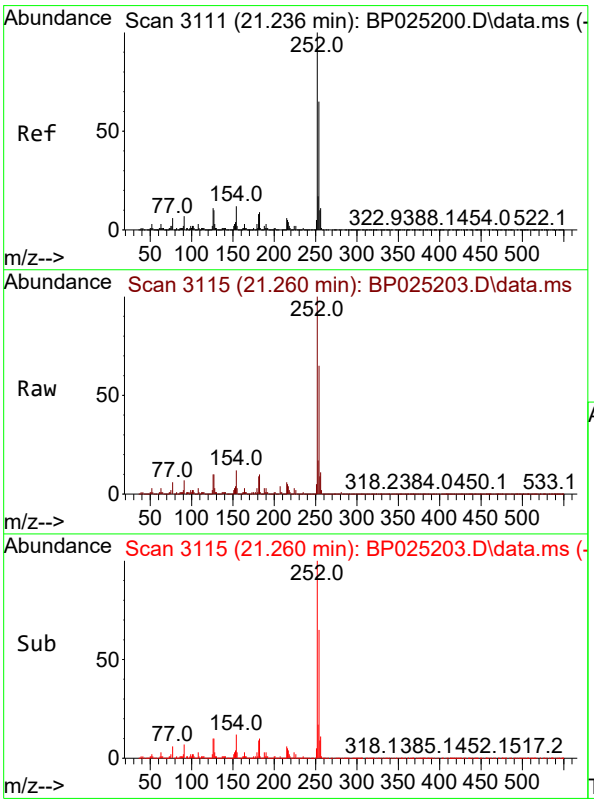
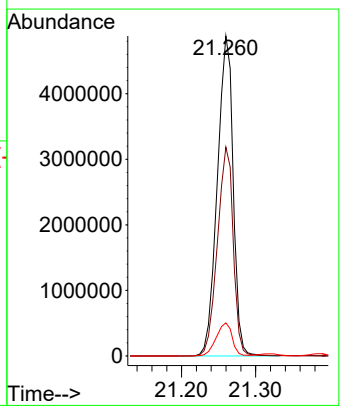
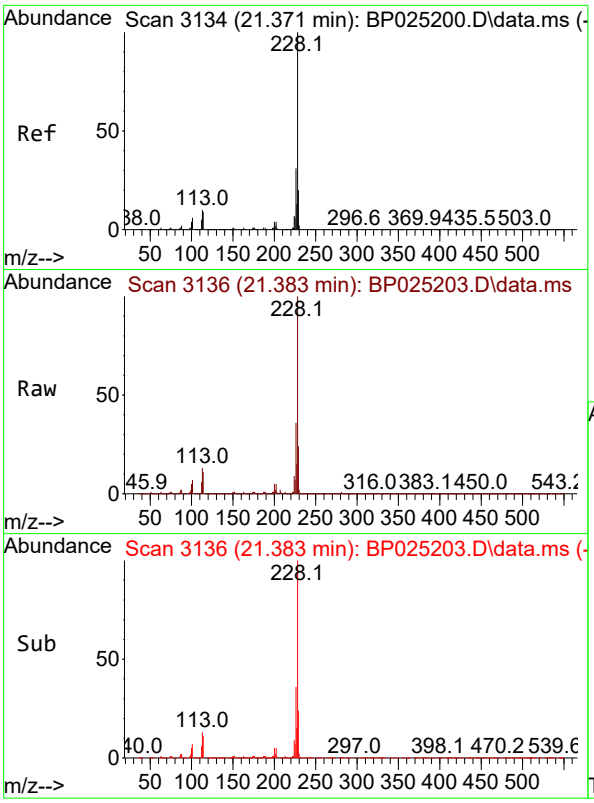



#82
3,3'-Dichlorobenzidine
Concen: 72.426 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp: 7248237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 52.1 | 78.1 |
| 126 | 10.4 | 8.6 | 12.8 |

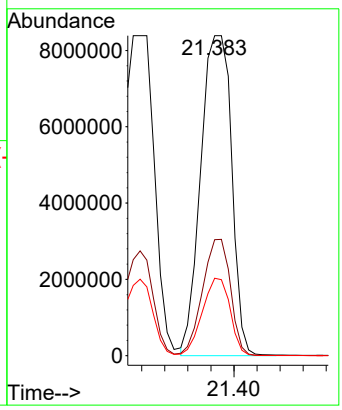





#83
Chrysene
Concen: 68.604 ng m
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:228 Resp:1561434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 36.3 | 24.6 | 37.0 |
| 229 | 24.2 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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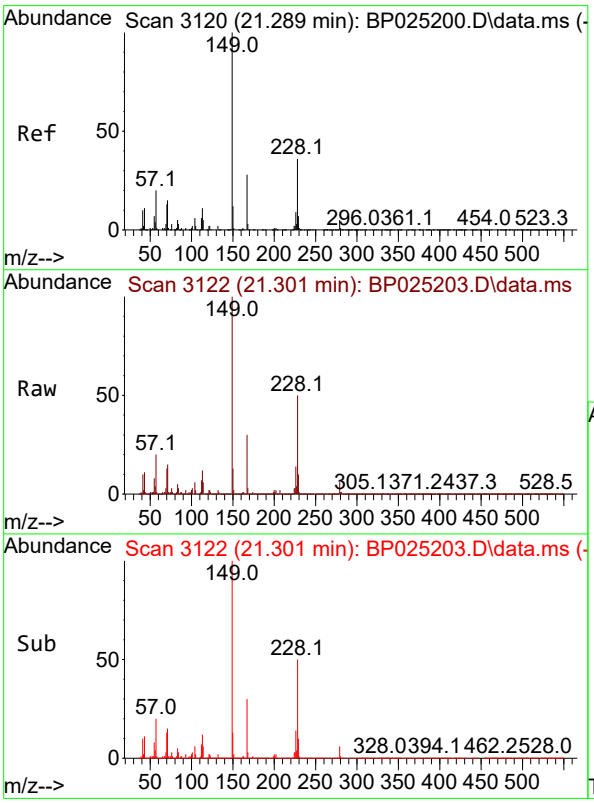
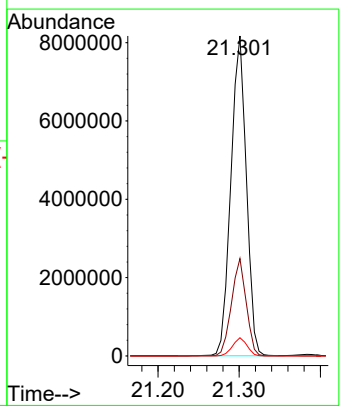
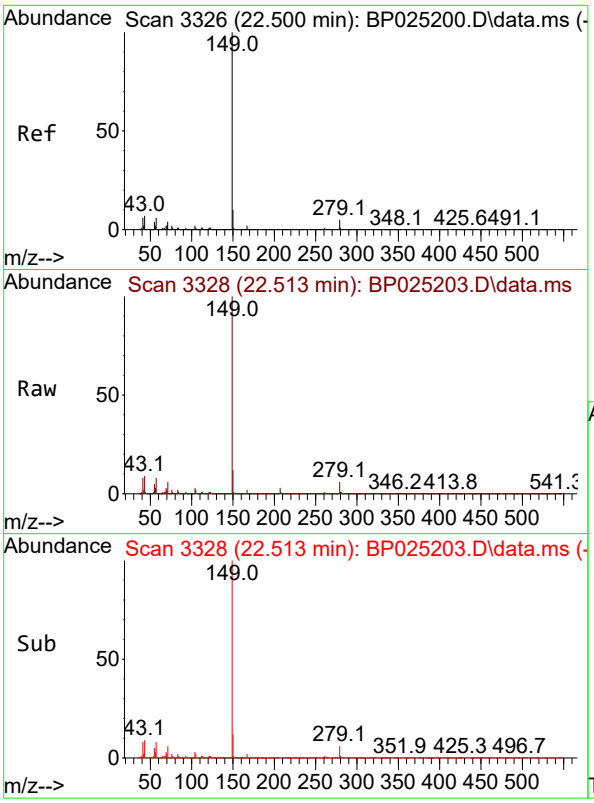



#84
Bis(2-ethylhexyl)phthalate
Concen: 70.360 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:10793960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.4 | 22.6 | 34.0 |
| 279 | 5.7 | 4.0 | 6.0 |

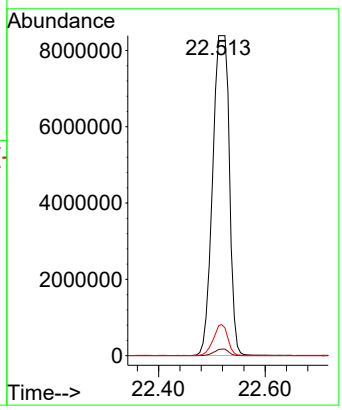





#85
Di-n-octyl phthalate
Concen: 68.160 ng
RT: 22.513 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:1822591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.3 | 1.9 |
| 43 | 8.3 | 6.1 | 9.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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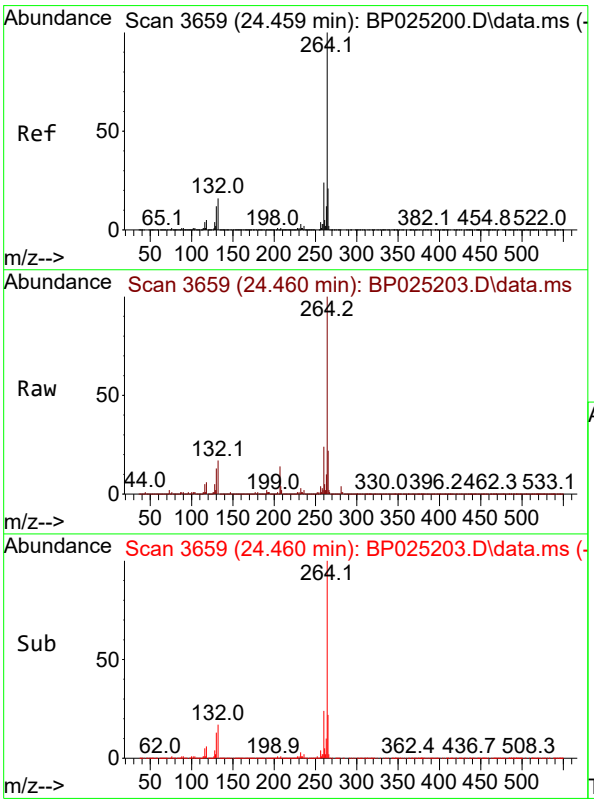
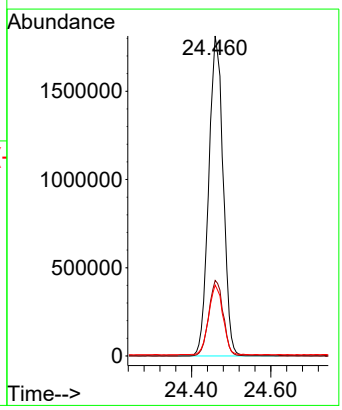
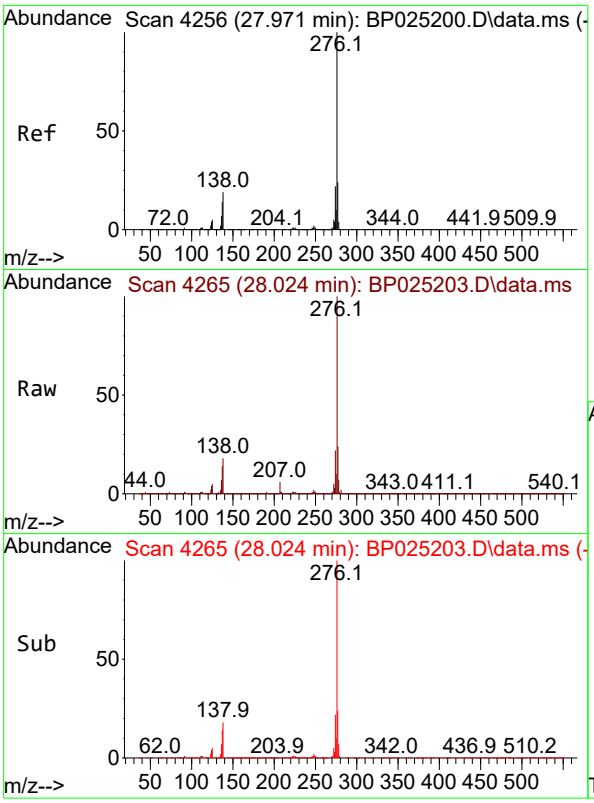



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:264 Resp: 4584448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.0 | 28.6 |
| 265 | 22.1 | 17.5 | 26.3 |

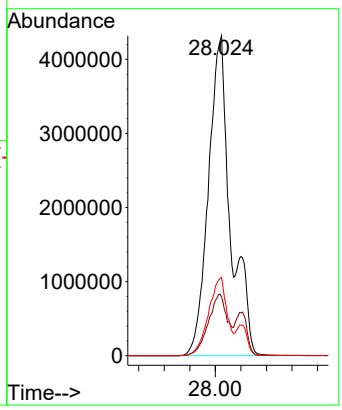





#87
Indeno(1,2,3-cd)pyrene
Concen: 77.120 ng m
RT: 28.024 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:2598946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 12.8 | 19.2 |
| 277 | 20.6 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

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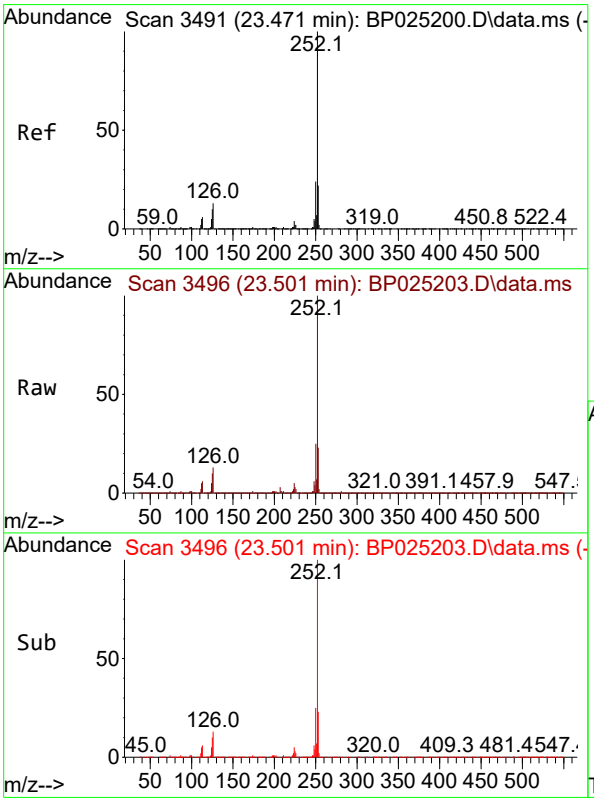
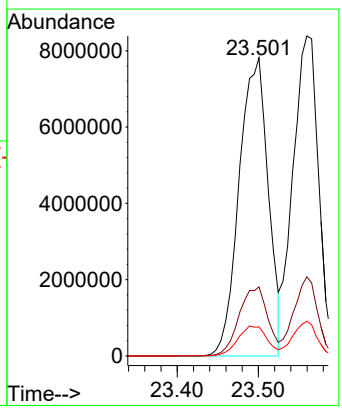
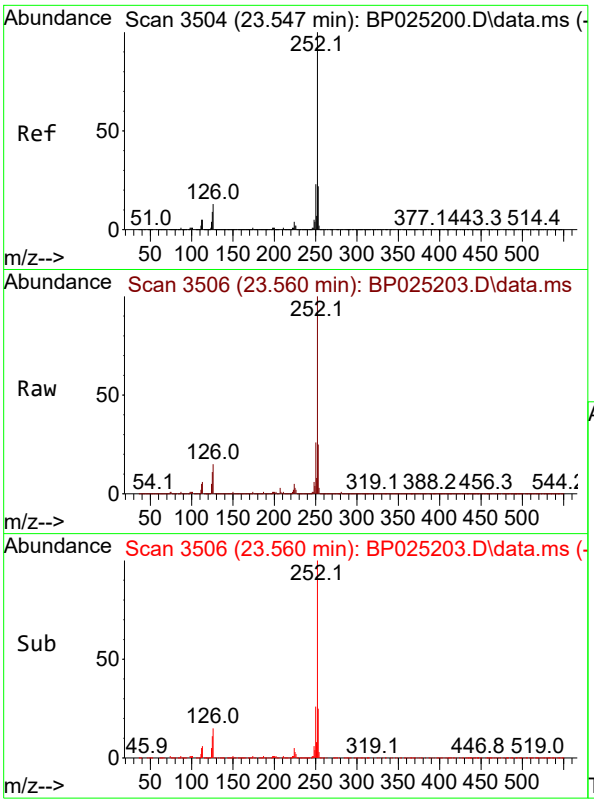



#88
Benzo(b)fluoranthene
Concen: 72.630 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19418416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 9.7 | 7.8 | 11.8 |

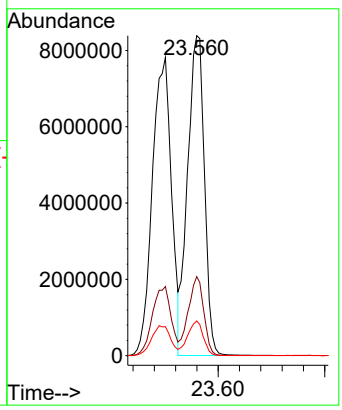





#89
Benzo(k)fluoranthene
Concen: 69.278 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:1838974

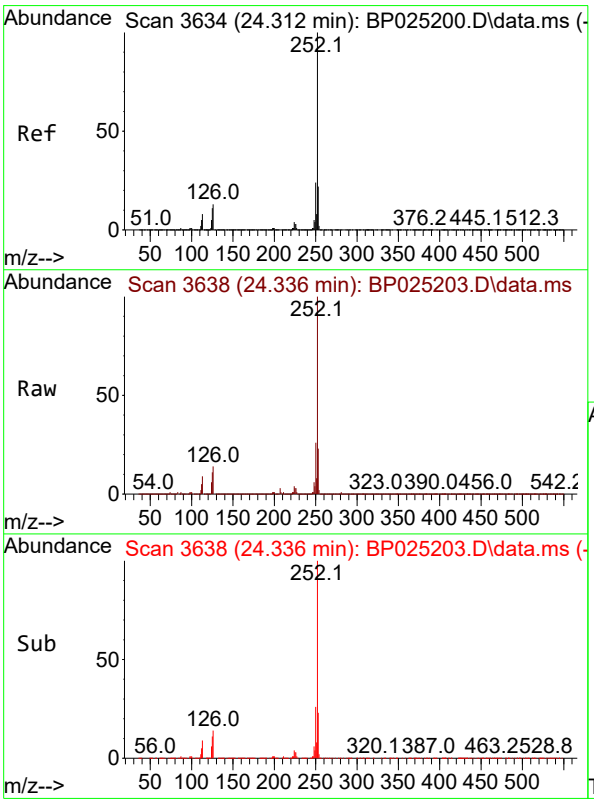
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 17.8 | 26.6 |
| 125 | 10.9 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

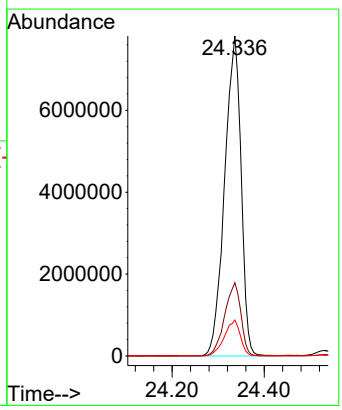
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

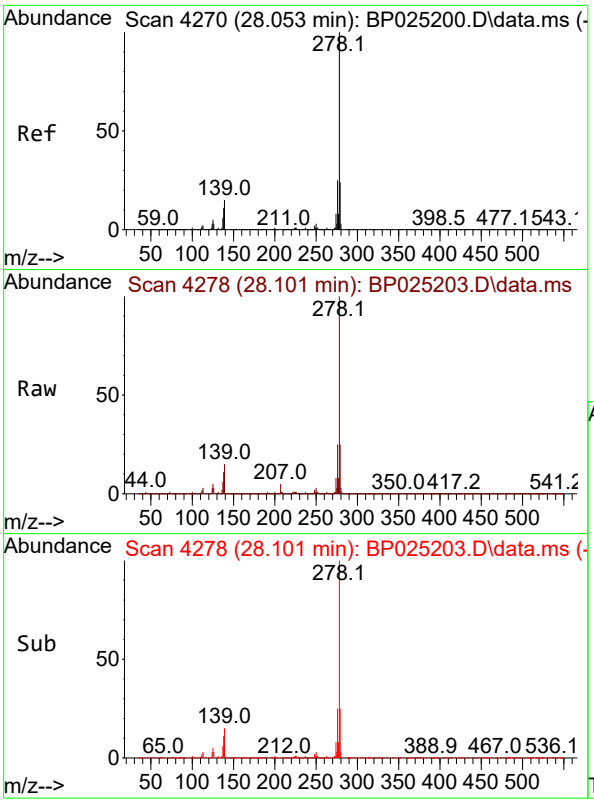



#90
Benzo(a)pyrene
Concen: 74.177 ng
RT: 24.336 min Scan# 3638
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19250934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |

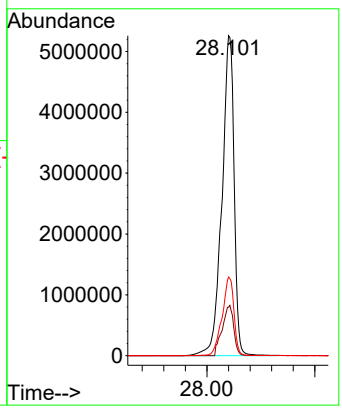





#91
Dibenzo(a,h)anthracene
Concen: 74.852 ng
RT: 28.101 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:278 Resp:2068657

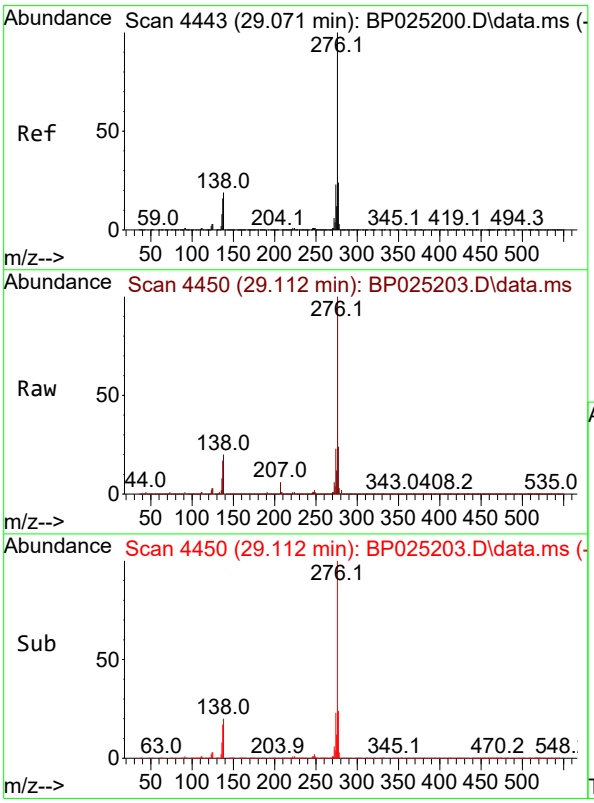
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.2 | 12.0 | 18.0 |
| 279 | 24.6 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

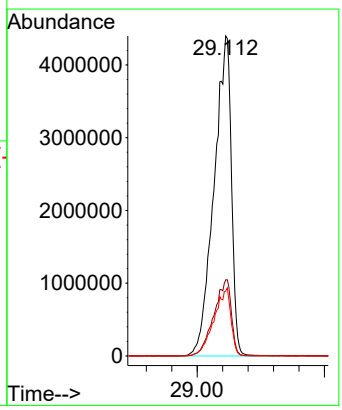
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025




#92
Benzo(g,h,i)perylene
Concen: 76.871 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.042 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:20810607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.2 | 28.8 |
| 138 | 20.3 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 524940 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2104576 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1362526 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.890 | 188 | 2724423 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.325 | 240 | 2909374 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.454 | 264 | 3512838 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 2638101 | 84.913 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 3268850 | 84.951 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.561 | 82 | 3013470 | 79.573 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1738413 | 86.546 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7858078 | 81.308 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11572188 | 78.518 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 504115 | 43.294 | ng | 100 |
| 3) Pyridine | 3.496 | 79 | 1412341 | 45.312 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 559588 | 45.271 | ng | 99 |
| 6) Aniline | 6.778 | 93 | 2258683 | 44.906 | ng | 100 |
| 8) 2-Chlorophenol | 7.014 | 128 | 1592397 | 45.173 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 1084774 | 41.579 | ng | 100 |
| 10) Phenol | 6.661 | 94 | 1791500 | 44.894 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1378085 | 45.044 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1775571 | 44.791 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1799506 | 44.972 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 1732981 | 45.020 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1256245 | 45.260 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 1759704 | 44.953 | ng | 98 |
| 17) 2-Methylphenol | 7.878 | 107 | 1255605 | 45.385 | ng | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 622156 | 45.213 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1056083 | 45.622 | ng | 99 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 1707787 | 45.254 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 2254711 | 46.041 | ng | 100 |
| 24) Nitrobenzene | 8.608 | 77 | 1559201 | 46.187 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 3018090 | 45.319 | ng | 100 |
| 26) 2-Nitrophenol | 9.308 | 139 | 897017 | 46.272 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1483657 | 45.737 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.608 | 93 | 1895452 | 45.503 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 1520412 | 45.622 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 1637469 | 44.986 | ng | 99 |
| 31) Naphthalene | 10.219 | 128 | 4820314 | 44.759 | ng | 100 |
| 32) Benzoic acid | 9.525 | 122 | 1168950 | 47.203 | ng | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 2150538 | 45.428 | ng | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 972292 | 44.380 | ng | 98 |
| 35) Caprolactam | 11.131 | 113 | 502072 | 45.393 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1529350 | 45.907 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.855 | 142 | 3102963 | 44.372 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 3312609 | 45.095 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1867529 | 45.726 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 1182850 | 48.517 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1271588 | 45.567 | ng | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1384362 | 45.080 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.896 | 154 | 4485894 | 45.416 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 3474901 | 45.062 | ng | 100 |
| 48) 2-Nitroaniline | 13.143 | 65 | 909354 | 46.176 | ng | 98 |
| 49) Acenaphthylene | 13.796 | 152 | 5754979 | 46.141 | ng | 100 |
| 50) Dimethylphthalate | 13.543 | 163 | 4360923 | 44.753 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 978826 | 46.230 | ng | 99 |
| 52) Acenaphthene | 14.154 | 154 | 3282137 | 45.507 | ng | 99 |
| 53) 3-Nitroaniline | 13.984 | 138 | 1096681 | 45.931 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.196 | 184 | 586989 | 46.791 | ng | 98 |
| 55) Dibenzofuran | 14.496 | 168 | 5343820 | 45.869 | ng | 99 |
| 56) 4-Nitrophenol | 14.313 | 139 | 944675 | 46.237 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1390893 | 46.930 | ng | 95 |
| 58) Fluorene | 15.154 | 166 | 4240752 | 45.851 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.725 | 232 | 1243197 | 45.744 | ng | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 4306867 | 44.844 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 2117148 | 45.300 | ng | 99 |
| 62) 4-Nitroaniline | 15.178 | 138 | 1122038 | 46.208 | ng | 99 |
| 63) Azobenzene | 15.454 | 77 | 3579445 | 45.735 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 820280 | 46.654 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.372 | 169 | 3726776 | 45.067 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1399658 | 44.020 | ng | 97 |
| 68) Hexachlorobenzene | 16.190 | 284 | 1692331 | 44.819 | ng | 95 |
| 69) Atrazine | 16.378 | 200 | 1395157 | 45.593 | ng | 98 |
| 70) Pentachlorophenol | 16.543 | 266 | 1172182 | 45.651 | ng | 99 |
| 71) Phenanthrene | 16.937 | 178 | 6708617 | 45.655 | ng | 100 |
| 72) Anthracene | 17.042 | 178 | 6800703 | 45.942 | ng | 100 |
| 73) Carbazole | 17.319 | 167 | 6461345 | 45.725 | ng | 100 |
| 74) Di-n-butylphthalate | 17.937 | 149 | 7668085 | 47.030 | ng | 100 |
| 75) Fluoranthene | 19.036 | 202 | 8016191 | 46.353 | ng | 100 |
| 77) Benzidine | 19.254 | 184 | 5103974 | 49.969 | ng | 99 |
| 78) Pyrene | 19.419 | 202 | 8280087 | 46.157 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3669353 | 45.188 | ng | 97 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 8225034 | 44.767 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3492411 | 45.857 | ng | 99 |
| 83) Chrysene | 21.372 | 228 | 7810320 | 45.539 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 5264917 | 45.344 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 9383339 | 46.799 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.983 | 276 | 11490241m | 44.760 | ng | |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 8937938 | 44.450 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.548 | 252 | 8873357 | 44.700 | ng | 100 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 8836252 | 45.040 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.054 | 278 | 9396843 | 44.867 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.077 | 276 | 9117542 | 44.298 | ng | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

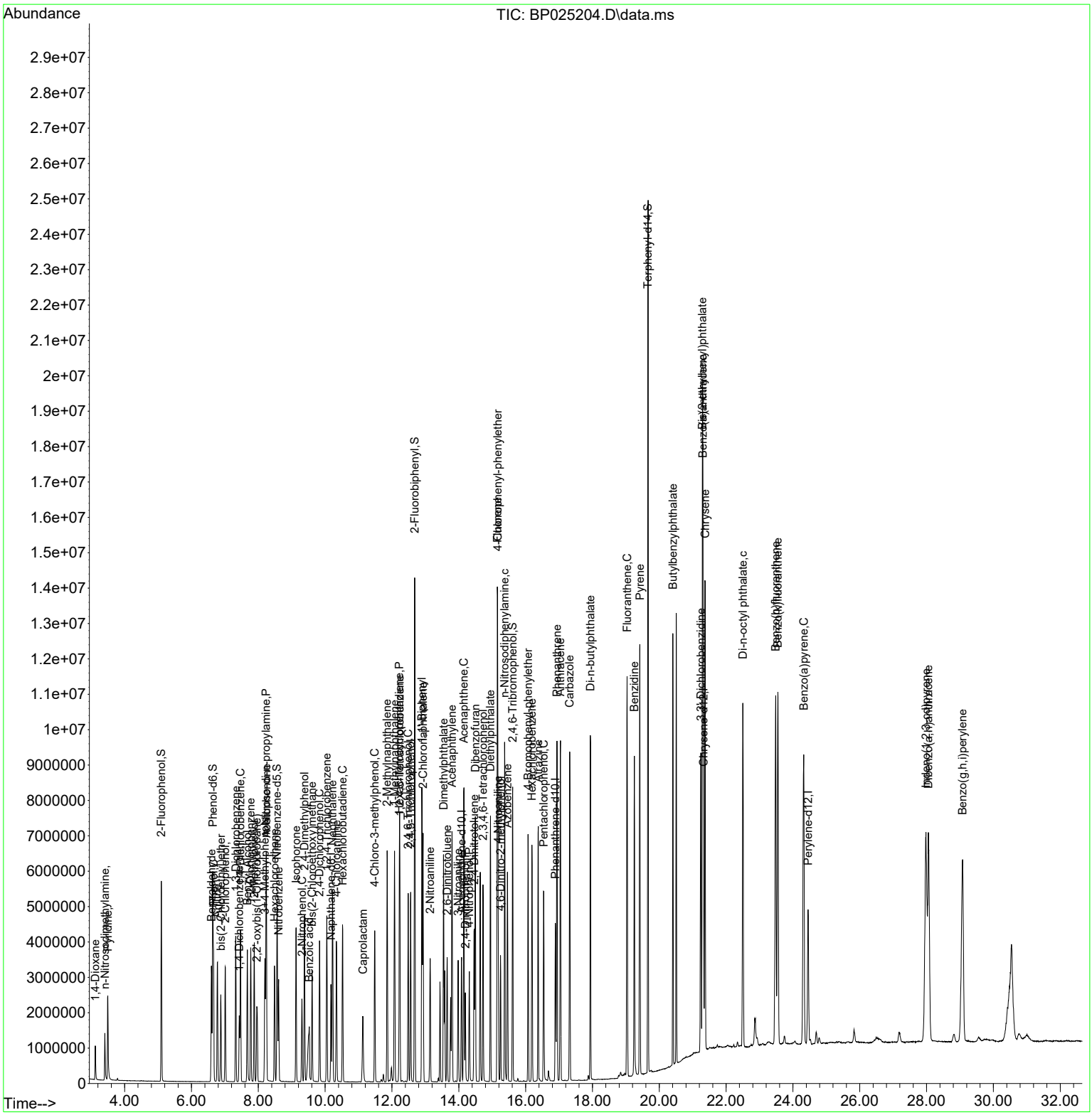
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

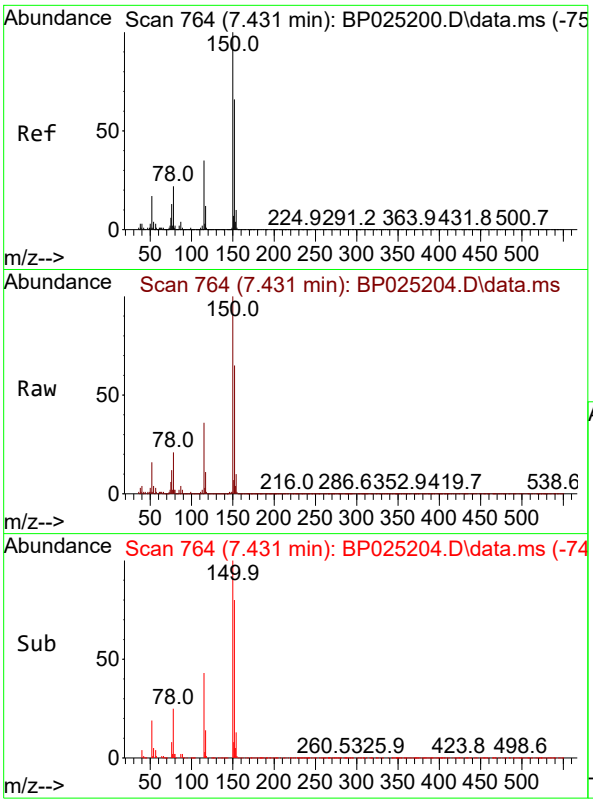
Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

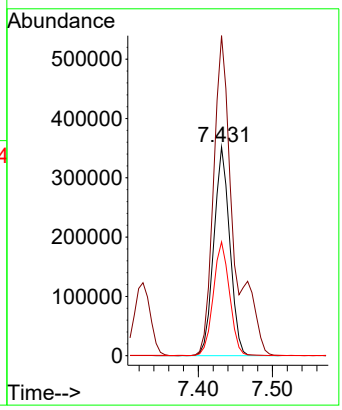





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 52494

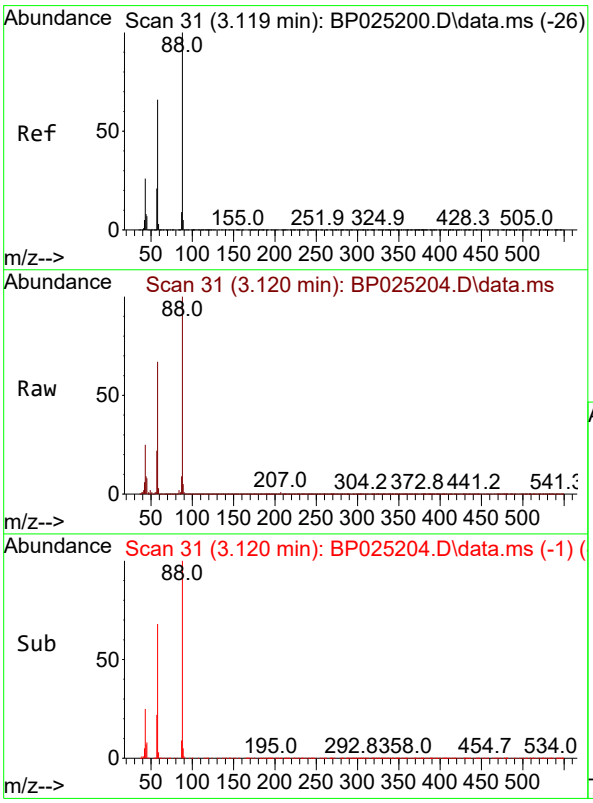
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.3 | 121.9 | 182.9 |
| 115 | 54.5 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

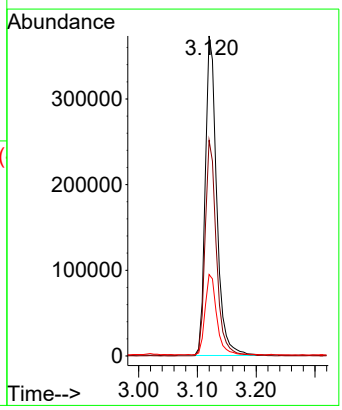
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

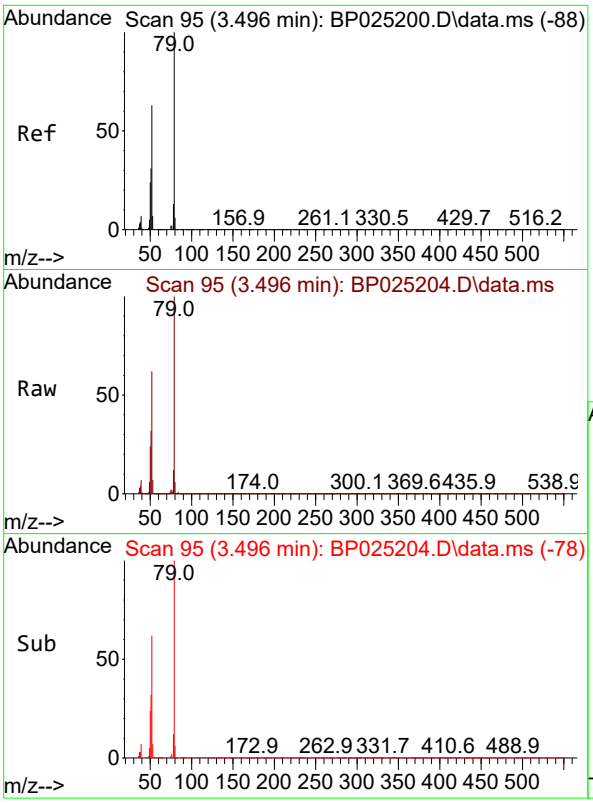



#2
1,4-Dioxane
Concen: 43.294 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 88 Resp: 504115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.9 | 53.5 | 80.3 |
| 43 | 26.0 | 20.8 | 31.2 |

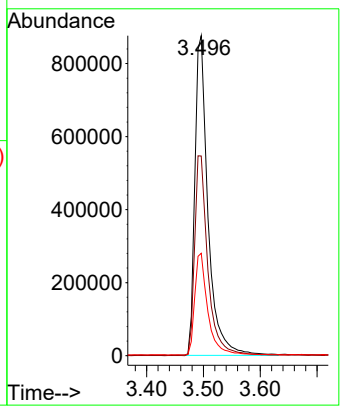





#3
Pyridine
Concen: 45.312 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 79 Resp: 141234

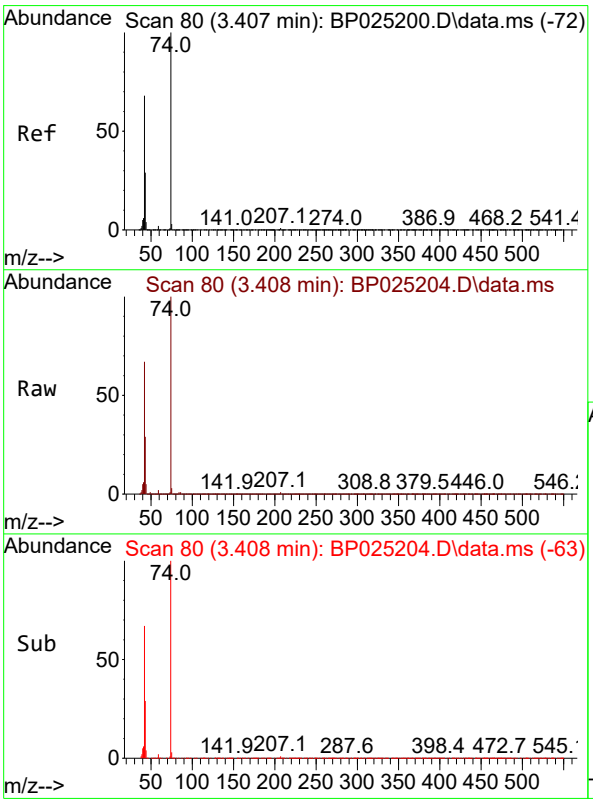
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.4 | 50.2 | 75.4 |
| 51 | 32.0 | 25.0 | 37.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

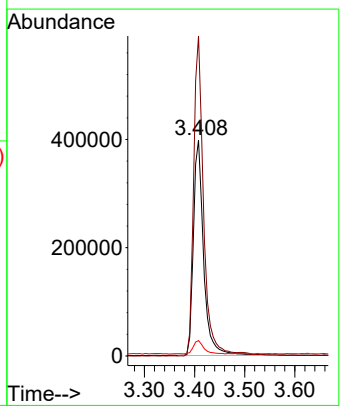
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

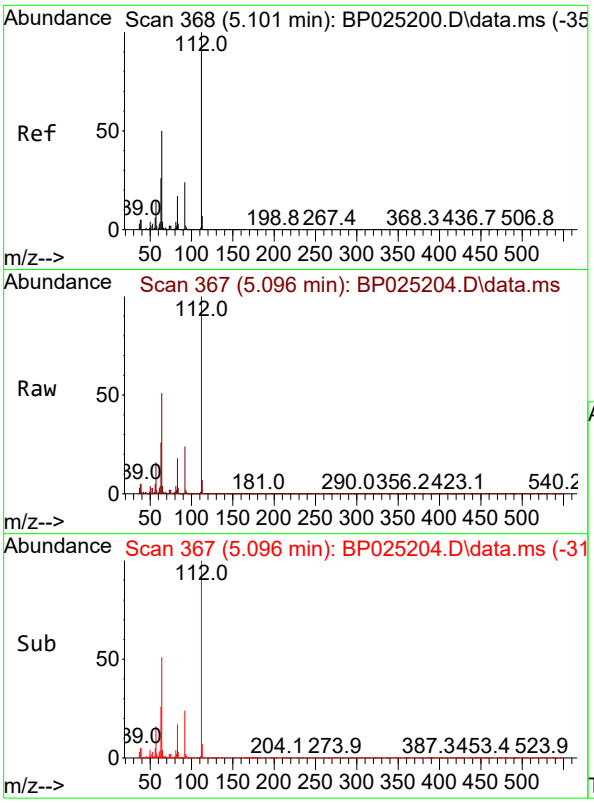



#4
n-Nitrosodimethylamine
Concen: 45.271 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 42 Resp: 559588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 148.2 | 118.0 | 177.0 |
| 44 | 7.1 | 5.5 | 8.3 |

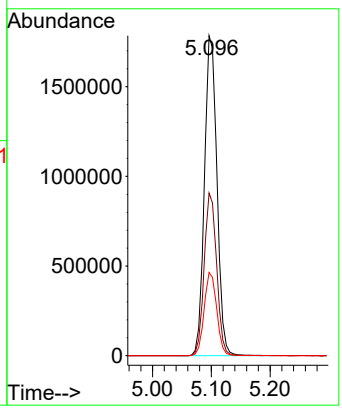





#5
2-Fluorophenol
Concen: 84.913 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:112 Resp: 263810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.9 | 39.8 | 59.6 |
| 63 | 26.0 | 20.5 | 30.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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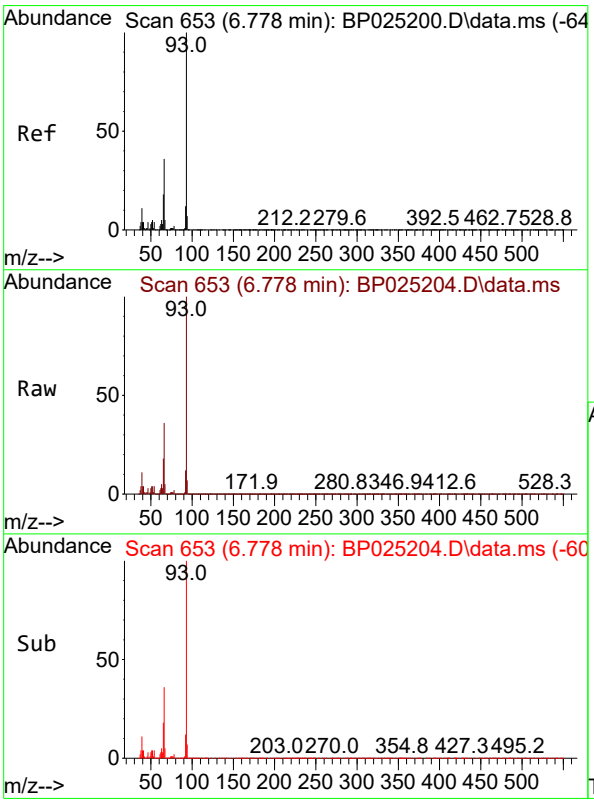
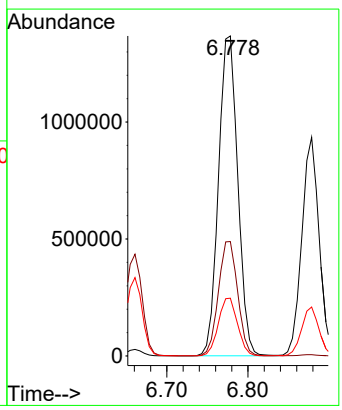
Supervised By :Jagrut Upadhyay 07/22/2025

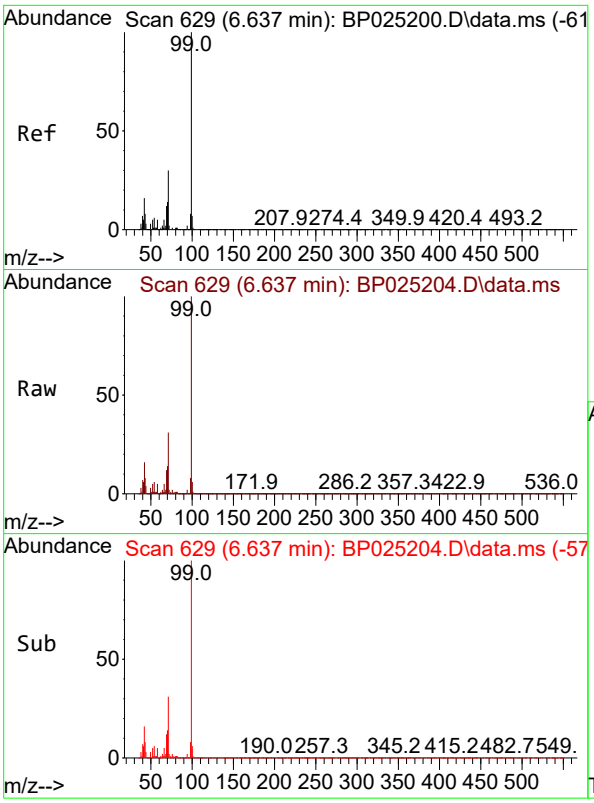



#6
Aniline
Concen: 44.906 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 2258683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.0 | 14.6 | 21.8 |

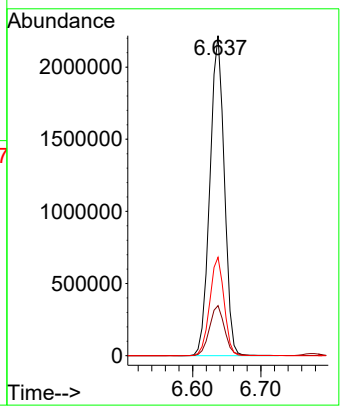





#7
Phenol-d6
Concen: 84.951 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 99 Resp: 326885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.8 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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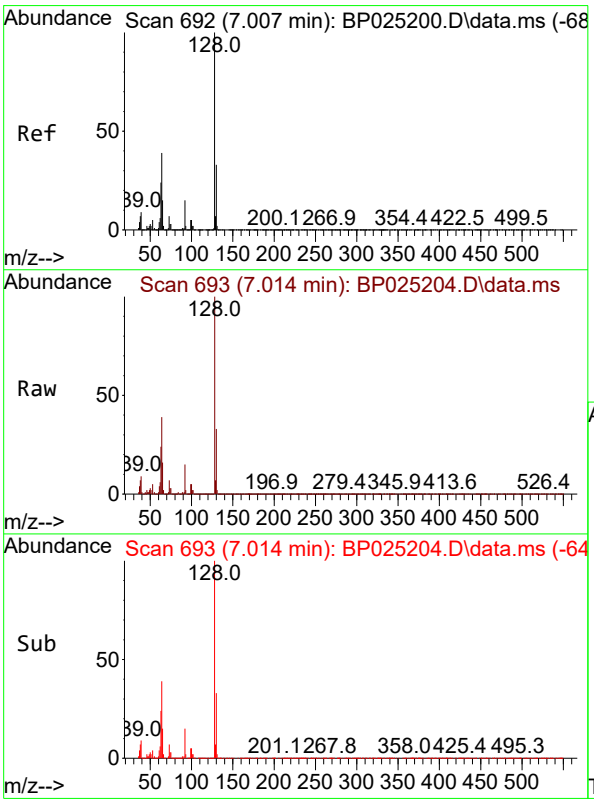
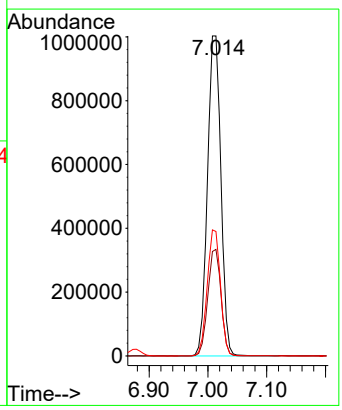
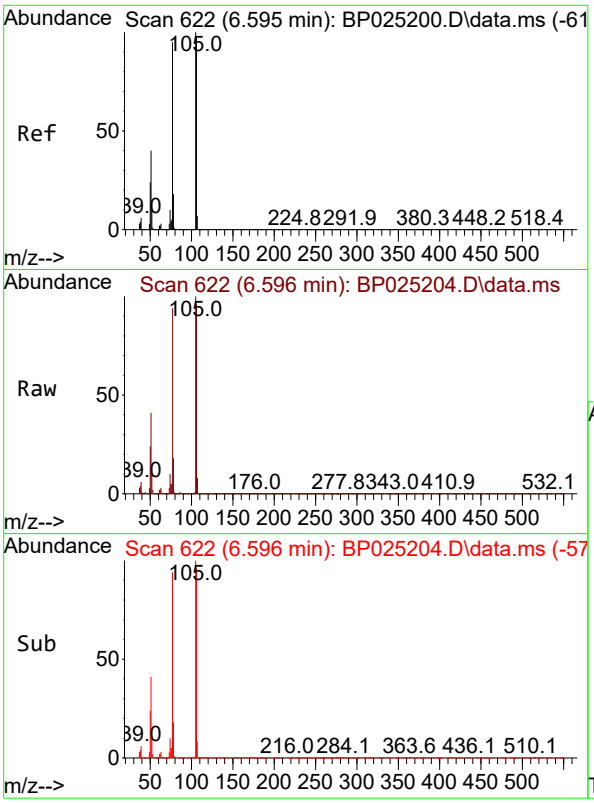



#8
2-Chlorophenol
Concen: 45.173 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 1592397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 12.9 | 52.9 |
| 64 | 38.9 | 19.2 | 59.2 |

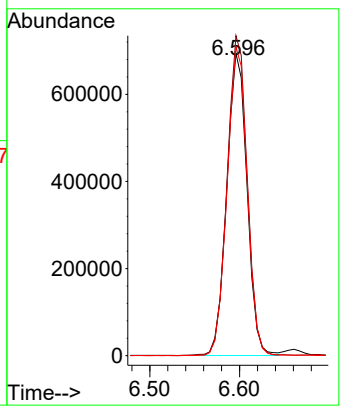





#9
Benzaldehyde
Concen: 41.579 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 108477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.8 | 85.5 | 125.5 |
| 106 | 102.1 | 81.9 | 121.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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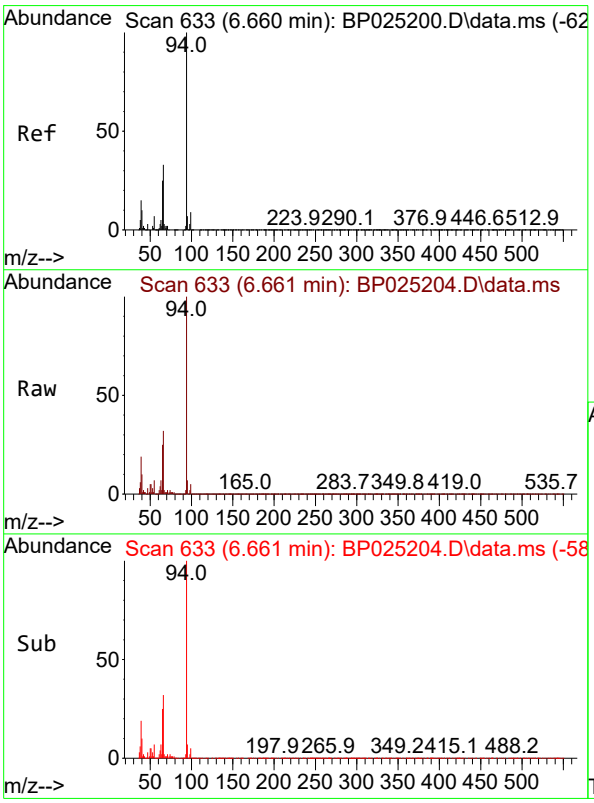
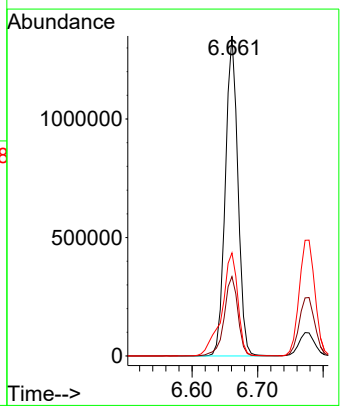
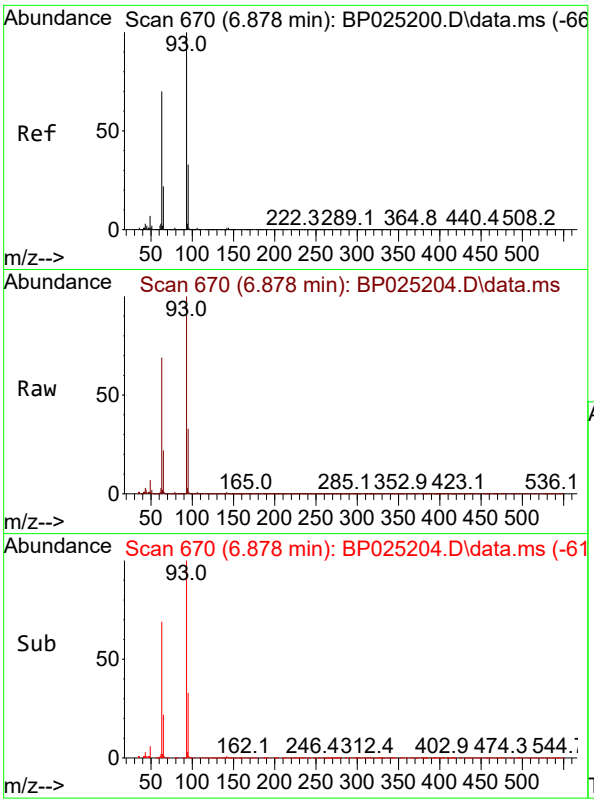



#10
Phenol
Concen: 44.894 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 94 Resp: 1791500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.8 | 5.4 | 45.4 |
| 66 | 32.2 | 13.5 | 53.5 |

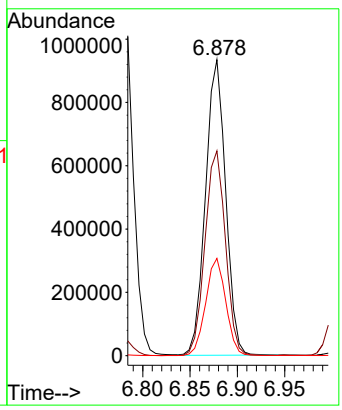





#11
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 137808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.2 | 50.0 | 90.0 |
| 95 | 32.9 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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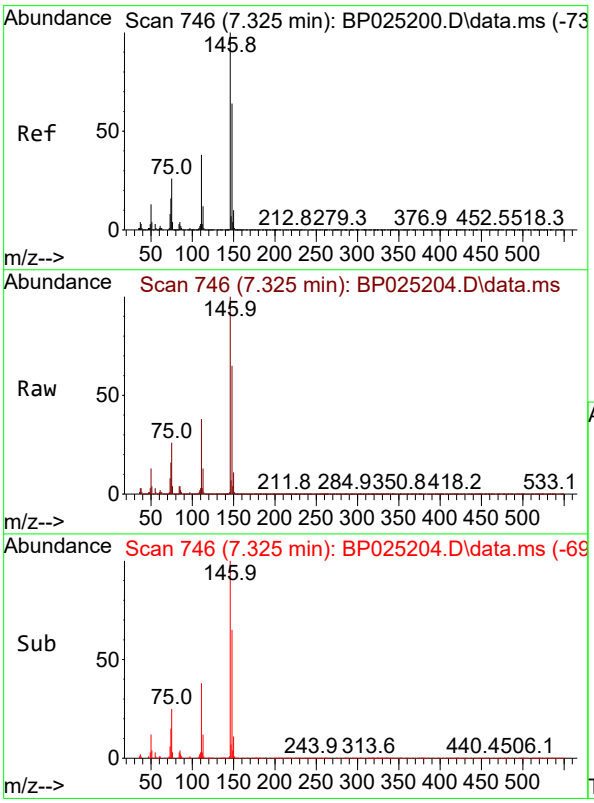
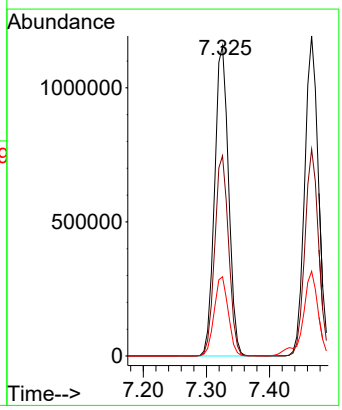
Supervised By :Jagrut Upadhyay 07/22/2025

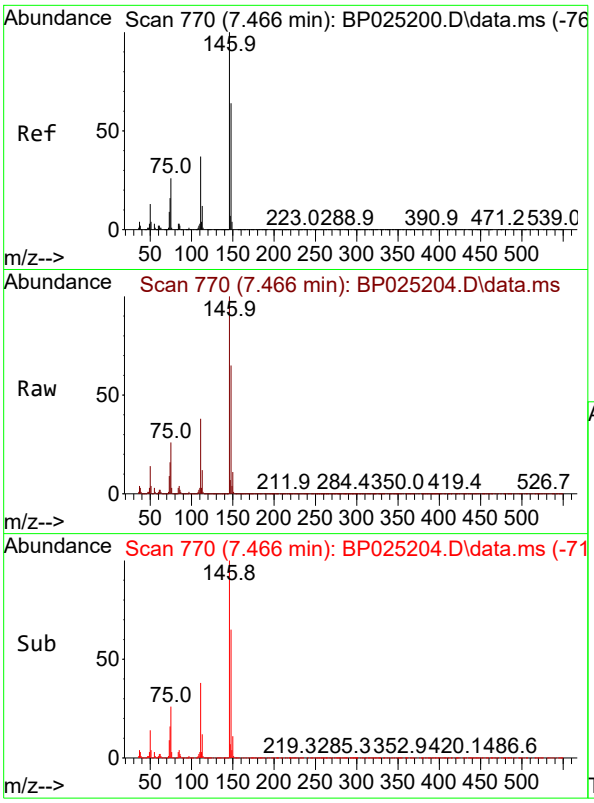



#12
1,3-Dichlorobenzene
Concen: 44.791 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1775571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.0 |
| 75 | 25.6 | 20.6 | 31.0 |

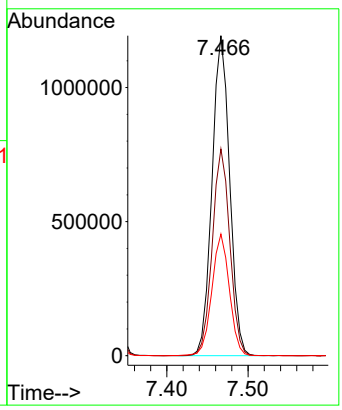





#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 179950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.2 |
| 111 | 38.0 | 29.9 | 44.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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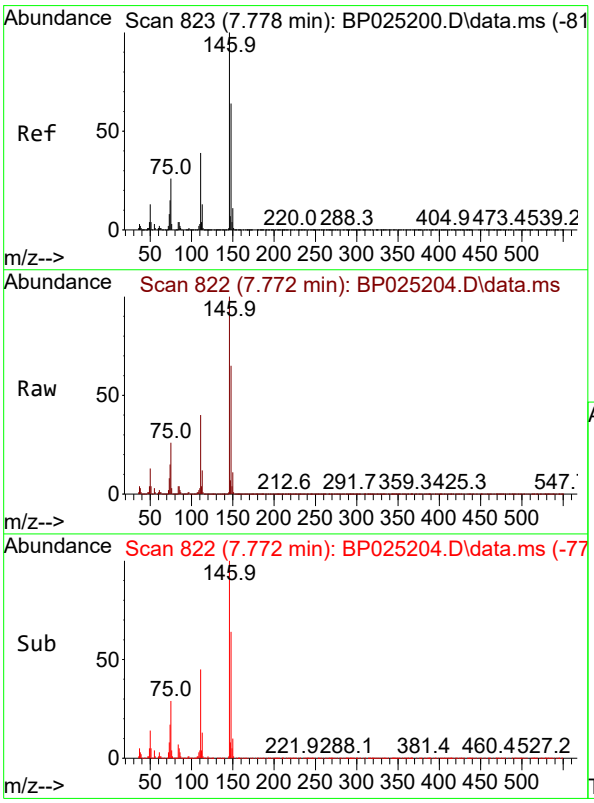
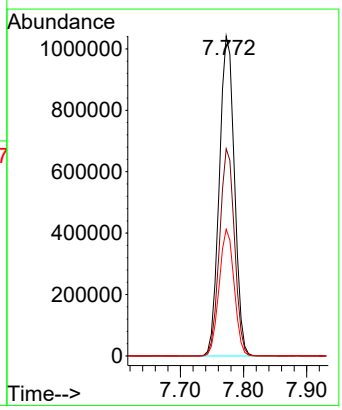
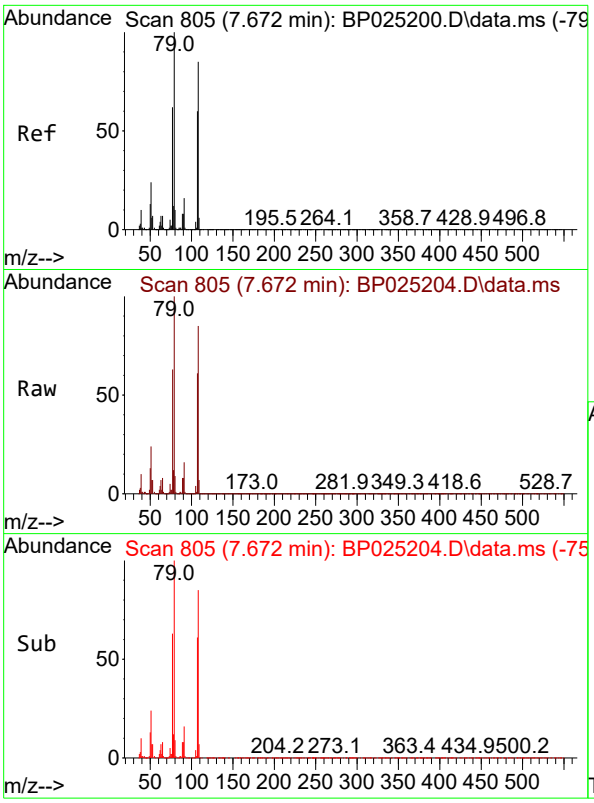



#14
1,2-Dichlorobenzene
Concen: 45.020 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1732981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.5 | 77.3 |
| 111 | 39.6 | 31.3 | 46.9 |






#15
Benzyl Alcohol
Concen: 45.260 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 79 Resp: 125624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.6 | 67.8 | 101.6 |
| 77 | 63.1 | 49.9 | 74.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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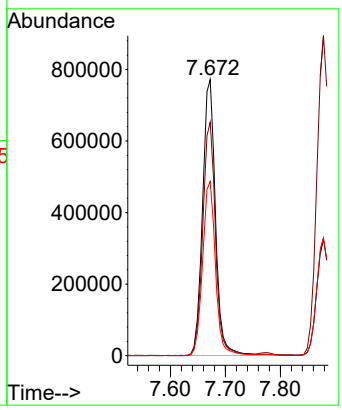
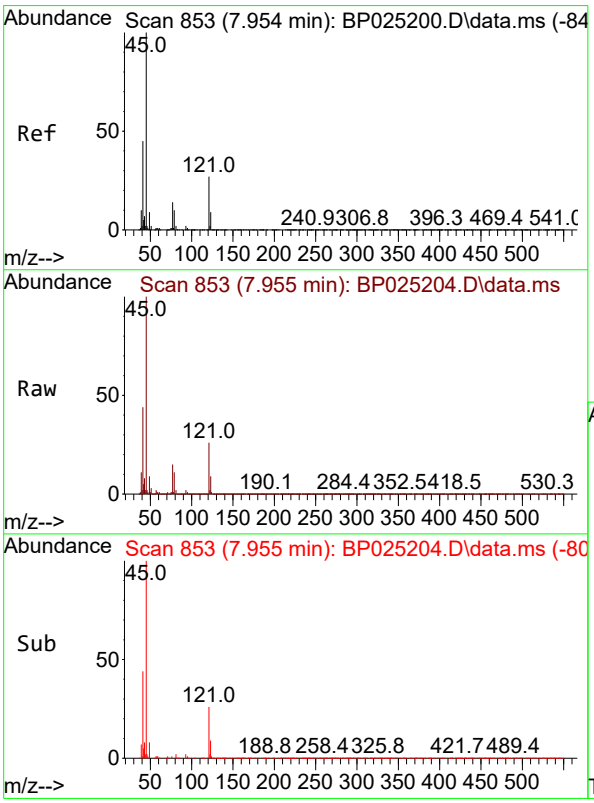
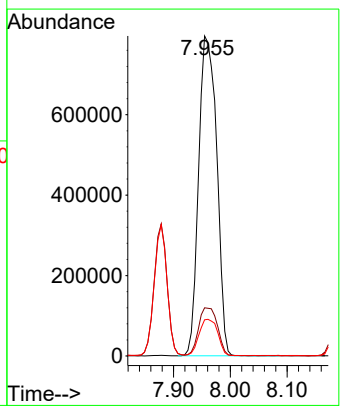


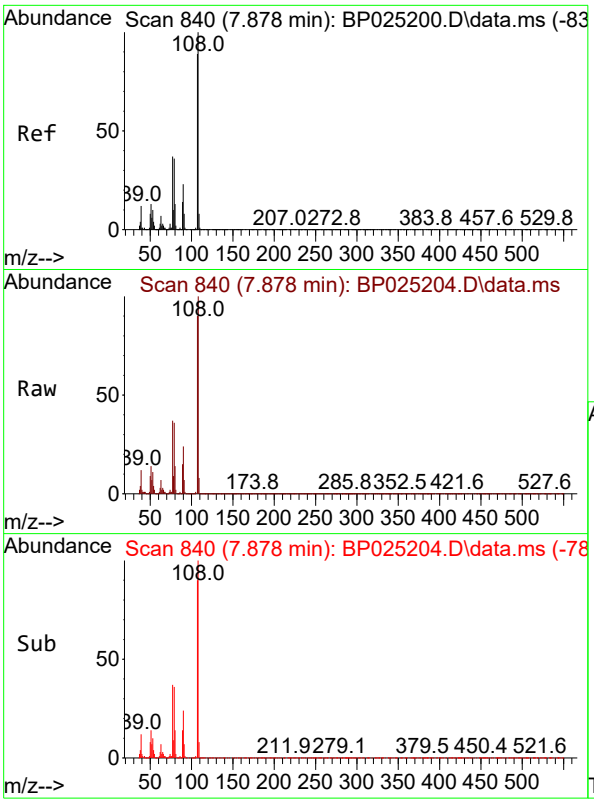




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 45 Resp: 1759704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.1 | 0.0 | 36.0 |
| 79 | 11.3 | 0.0 | 31.7 |

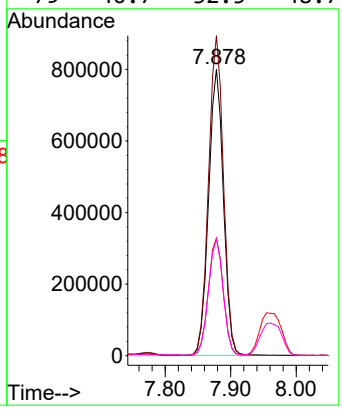





#17
2-Methylphenol
Concen: 45.385 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 125560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.6 | 89.8 | 134.8 |
| 77 | 41.0 | 33.2 | 49.8 |
| 79 | 40.7 | 32.5 | 48.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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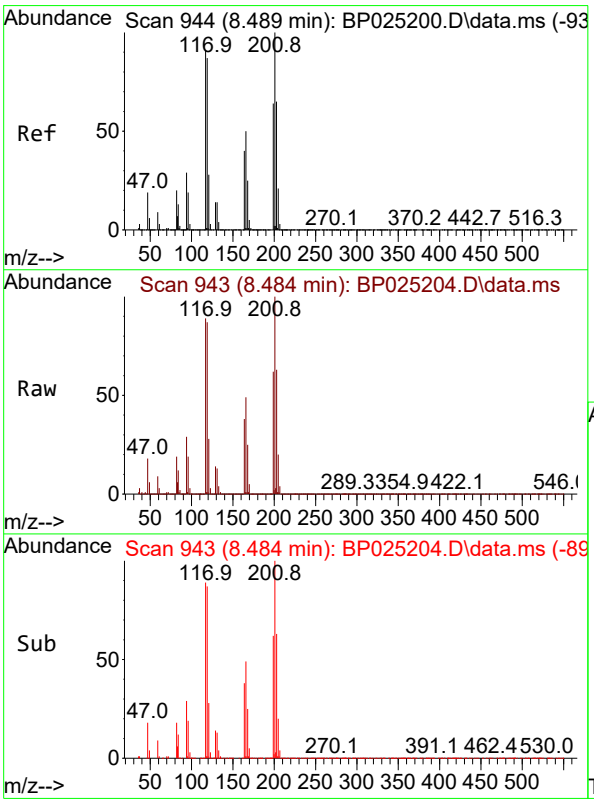
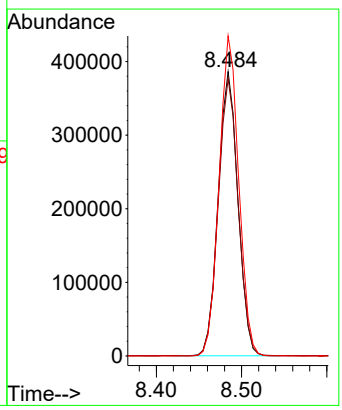
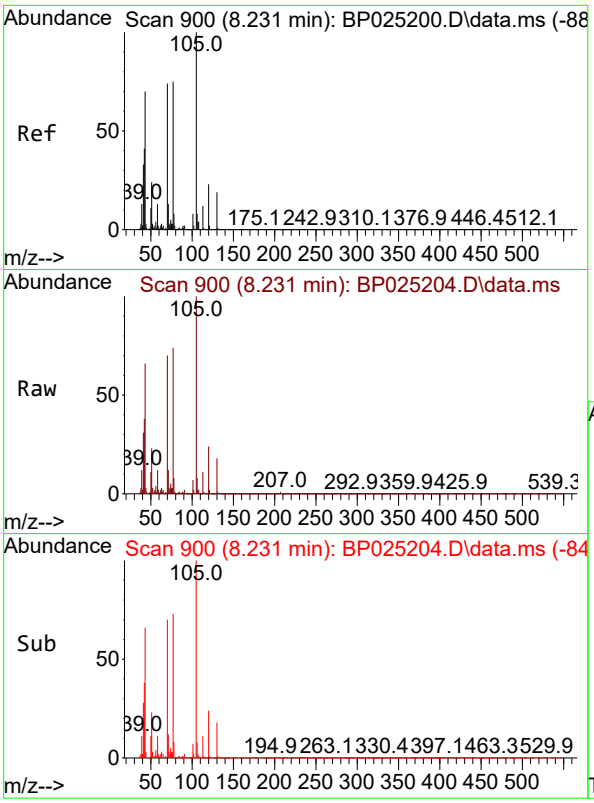



#18
Hexachloroethane
Concen: 45.213 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:117 Resp: 622156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.5 | 77.0 | 115.6 |
| 201 | 112.5 | 88.3 | 132.5 |

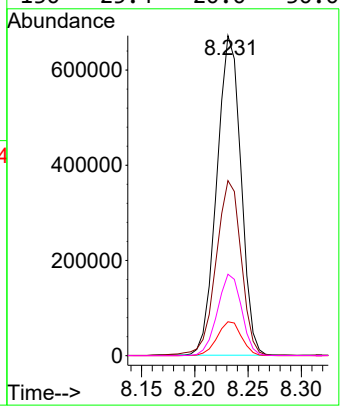





#19
n-Nitroso-di-n-propylamine
Concen: 45.622 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 70 Resp: 105608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.7 | 44.2 | 66.2 |
| 101 | 10.6 | 8.6 | 12.8 |
| 130 | 25.4 | 20.0 | 30.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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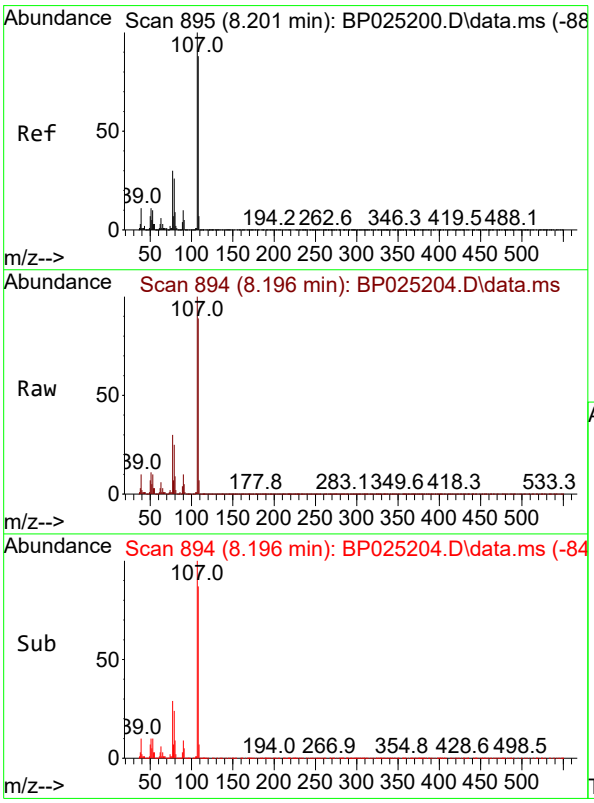
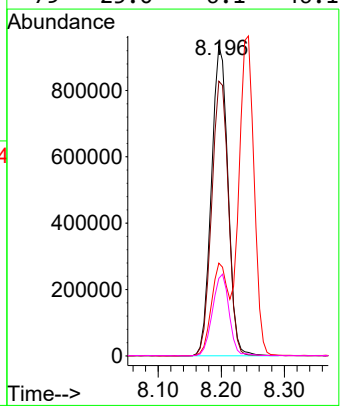
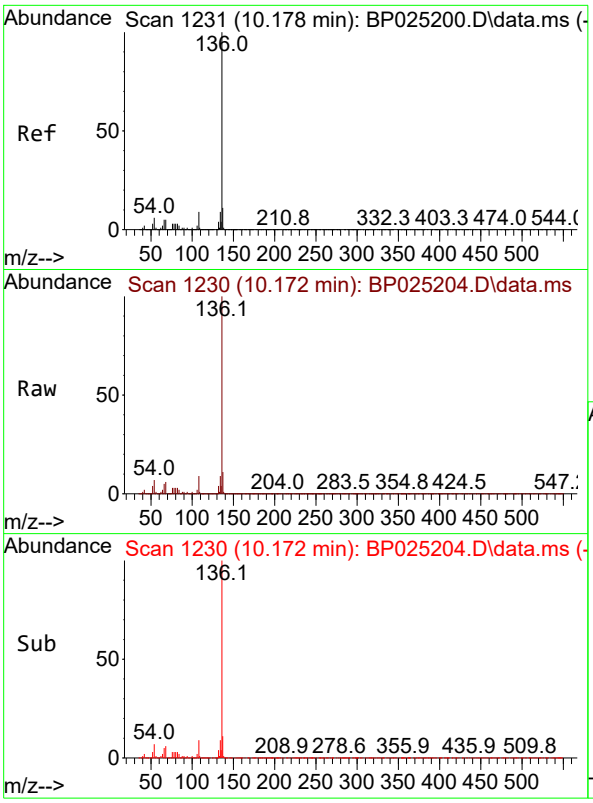



#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1707787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.6 | 67.8 | 107.8 |
| 77 | 29.9 | 10.3 | 50.3 |
| 79 | 25.0 | 6.1 | 46.1 |

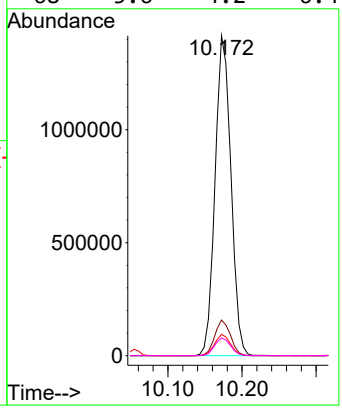





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:136 Resp: 210457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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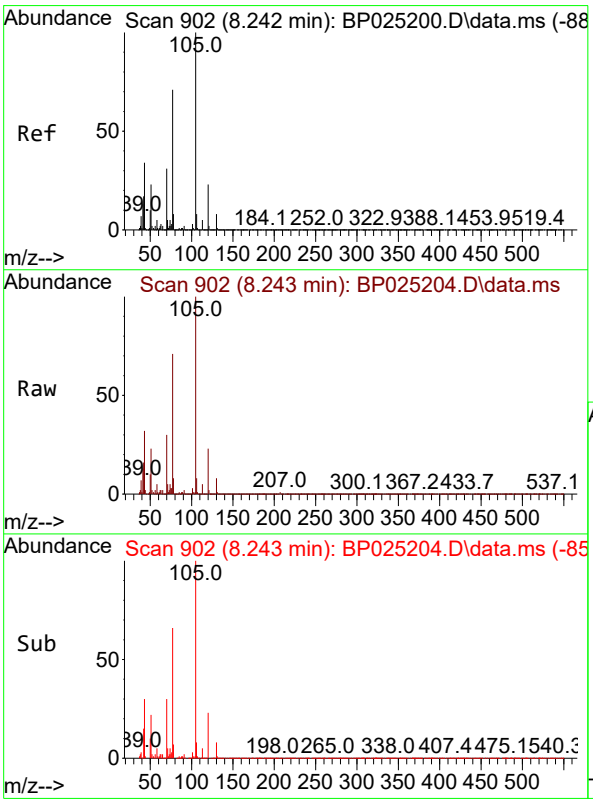
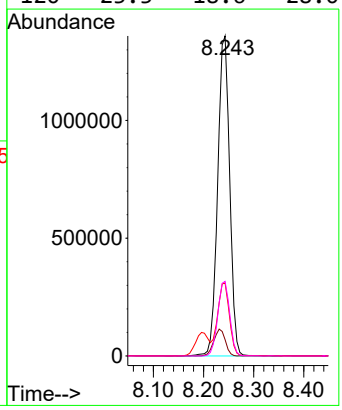
Supervised By :Jagrut Upadhyay 07/22/2025

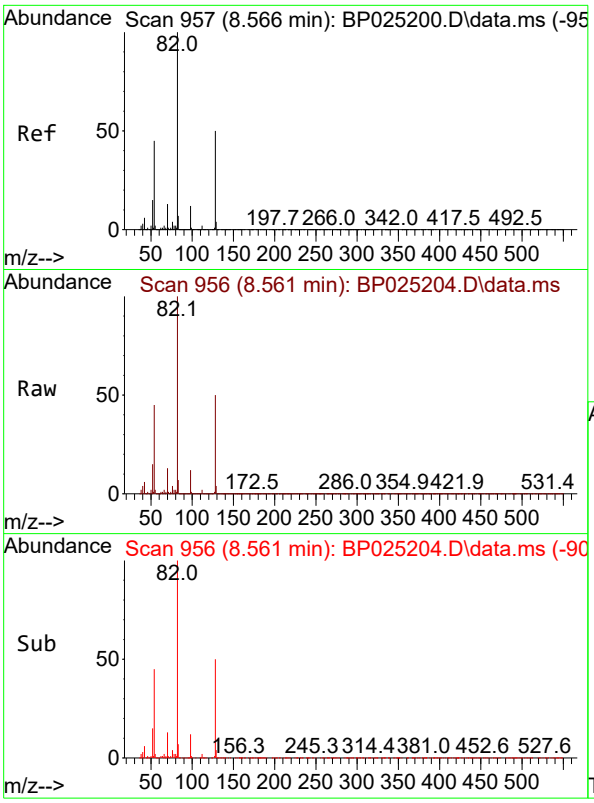



#22
Acetophenone
Concen: 46.041 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:105 Resp: 2254711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.1 | 4.1 | 6.1 |
| 51 | 22.8 | 18.5 | 27.7 |
| 120 | 23.3 | 18.6 | 28.0 |

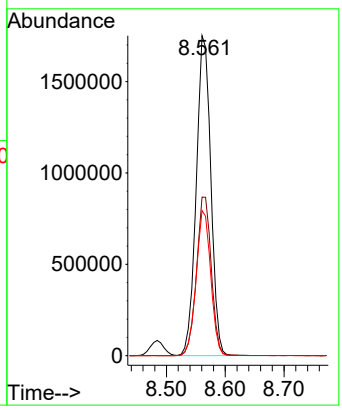





#23
Nitrobenzene-d5
Concen: 79.573 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301347

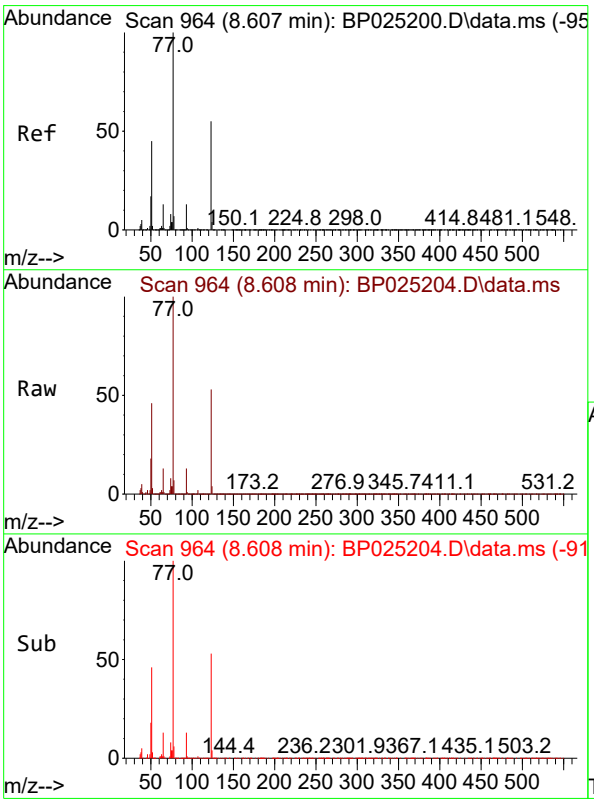
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 40.2 | 60.4 |
| 54 | 45.4 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

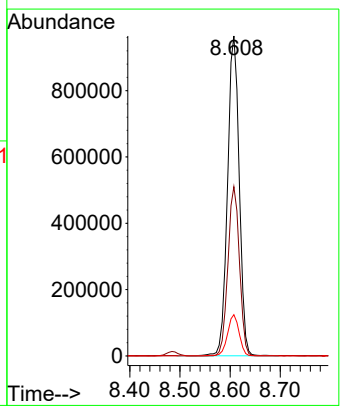
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

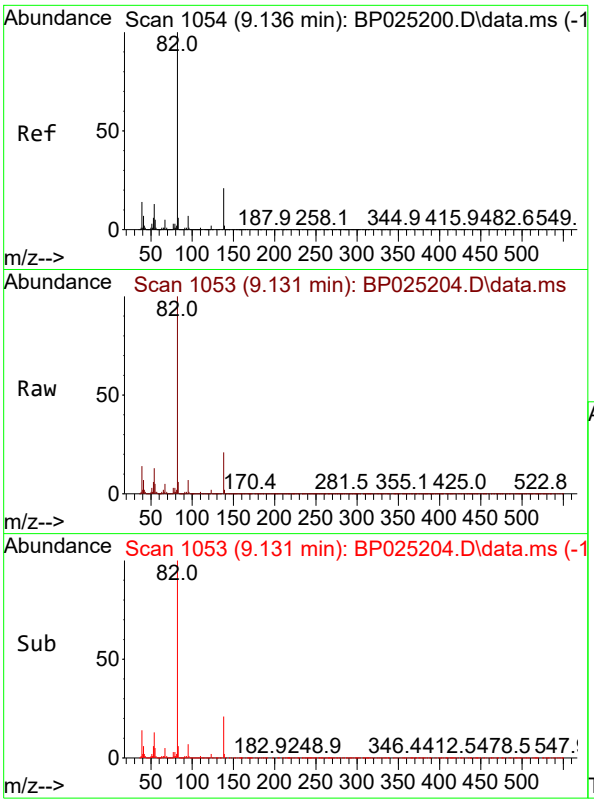



#24
Nitrobenzene
Concen: 46.187 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 1559201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.9 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |

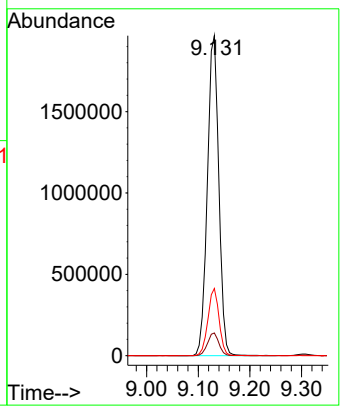





#25
Isophorone
Concen: 45.319 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 82 Resp: 301809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 21.0 | 16.6 | 25.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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Reviewed By :Rahul Chavli 07/22/2025
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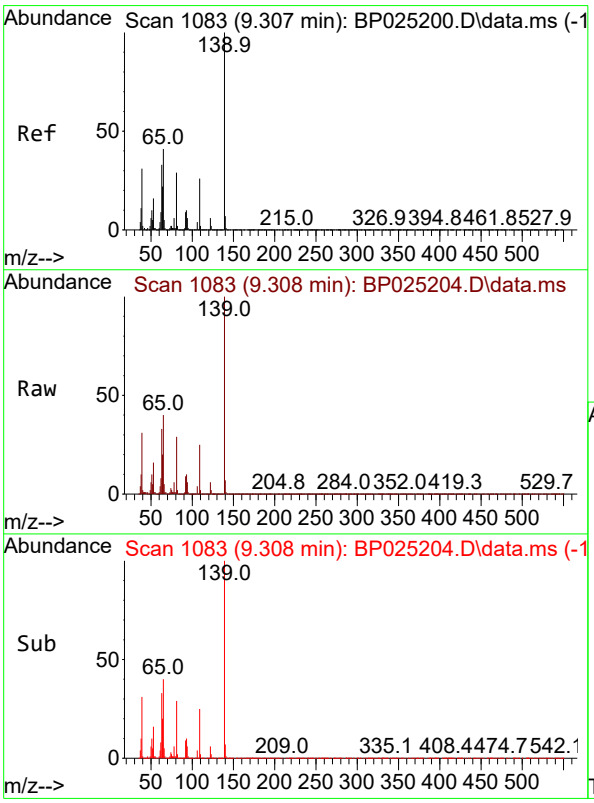
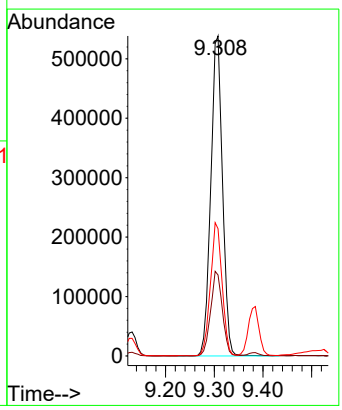
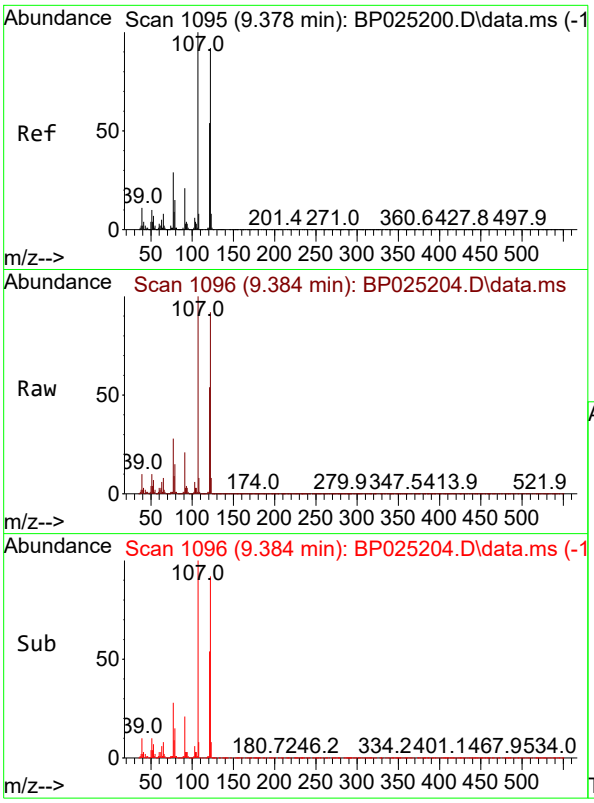



#26
2-Nitrophenol
Concen: 46.272 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 897017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.3 | 21.0 | 31.6 |
| 65 | 39.8 | 32.7 | 49.1 |

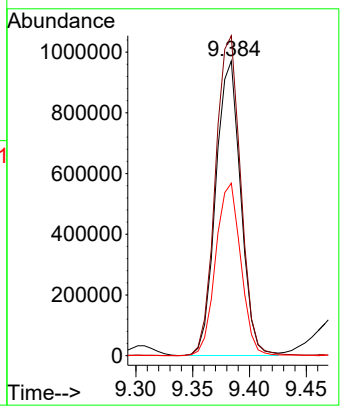





#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 148365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.6 | 87.0 | 130.4 |
| 121 | 58.5 | 46.7 | 70.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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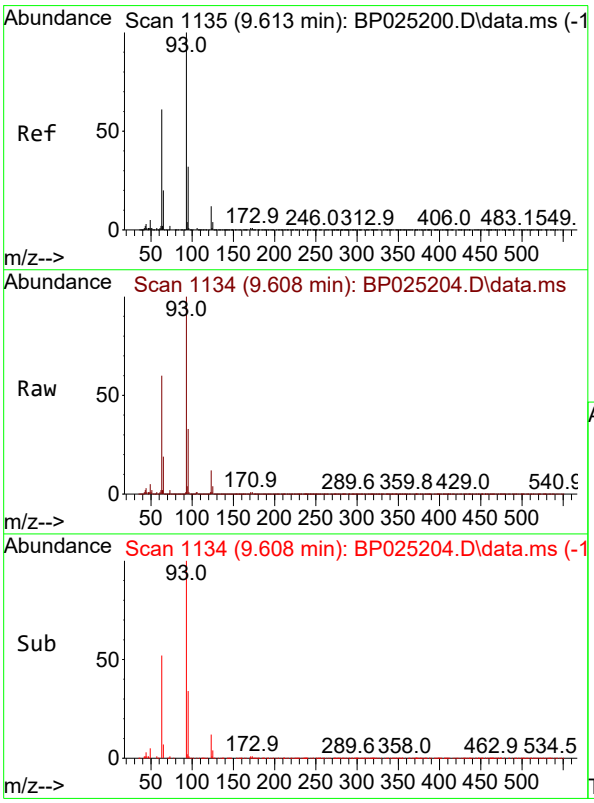
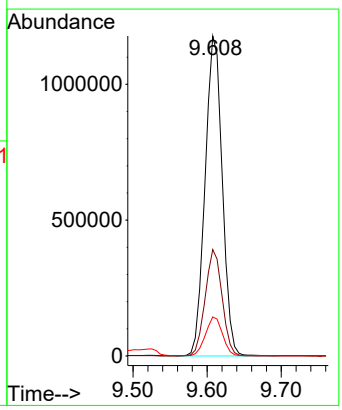
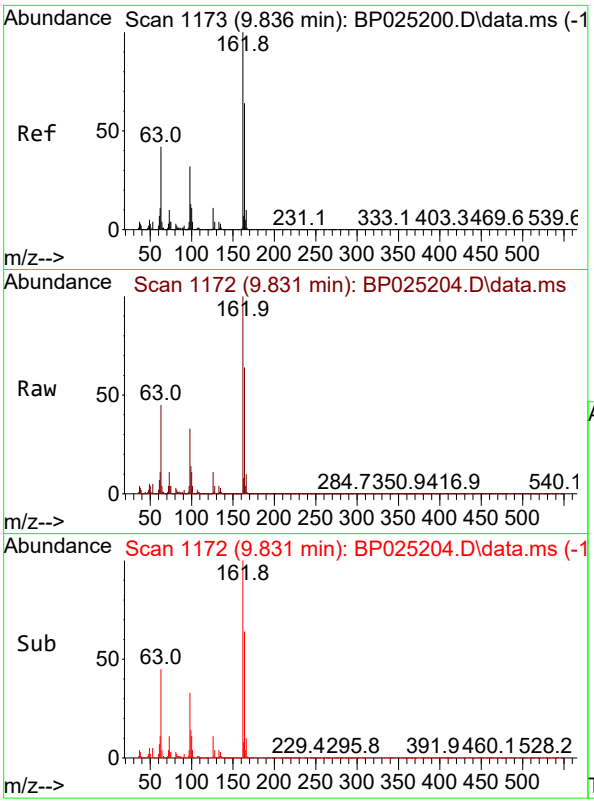



#28
bis(2-Chloroethoxy)methane
Concen: 45.503 ng
RT: 9.608 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 1895452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |

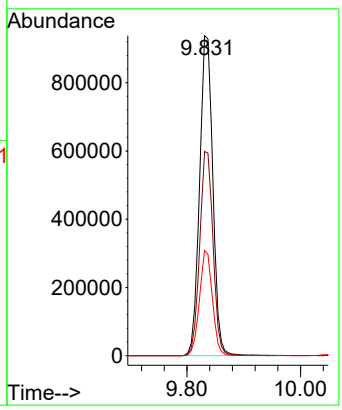





#29
2,4-Dichlorophenol
Concen: 45.622 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:162 Resp: 152041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 44.2 | 84.2 |
| 98 | 32.9 | 11.7 | 51.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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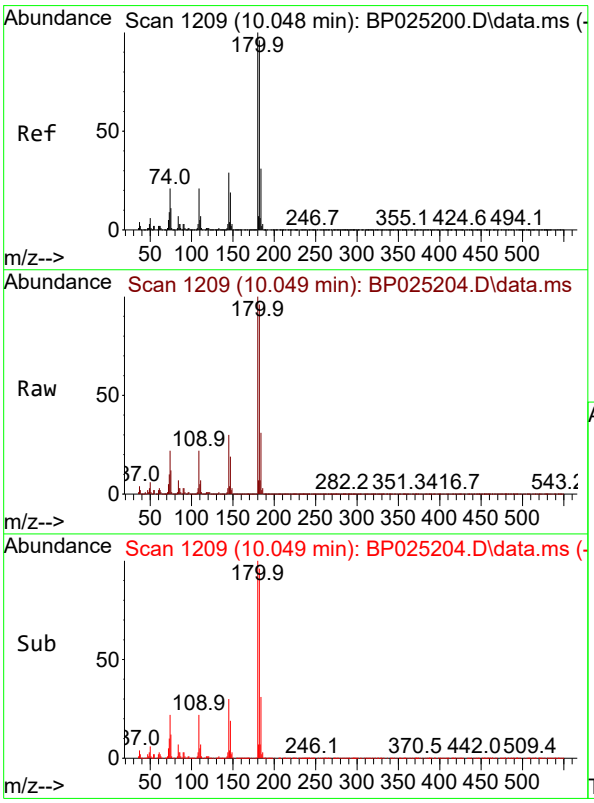
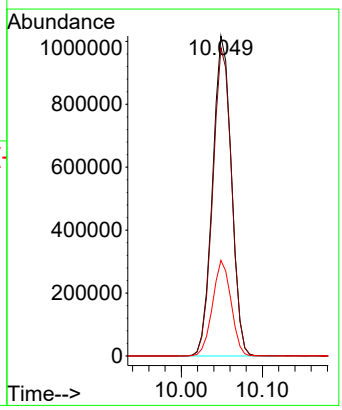
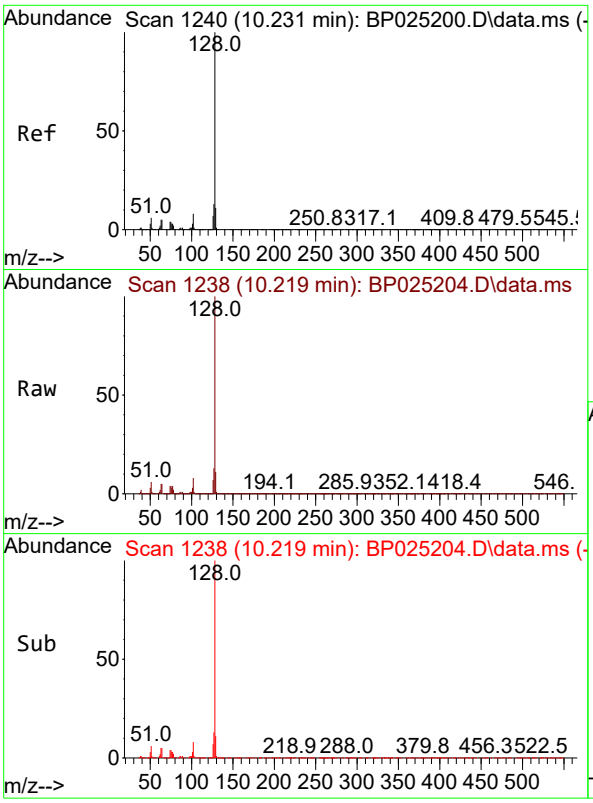



#30
1,2,4-Trichlorobenzene
Concen: 44.986 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:180 Resp: 1637469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 76.7 | 115.1 |
| 145 | 29.9 | 23.5 | 35.3 |

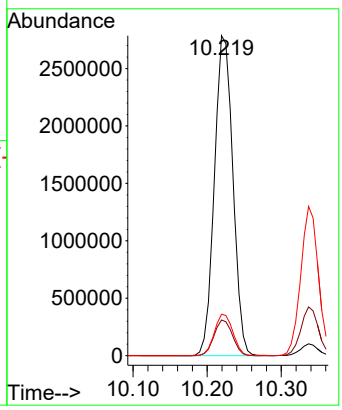





#31
Naphthalene
Concen: 44.759 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 482031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.0 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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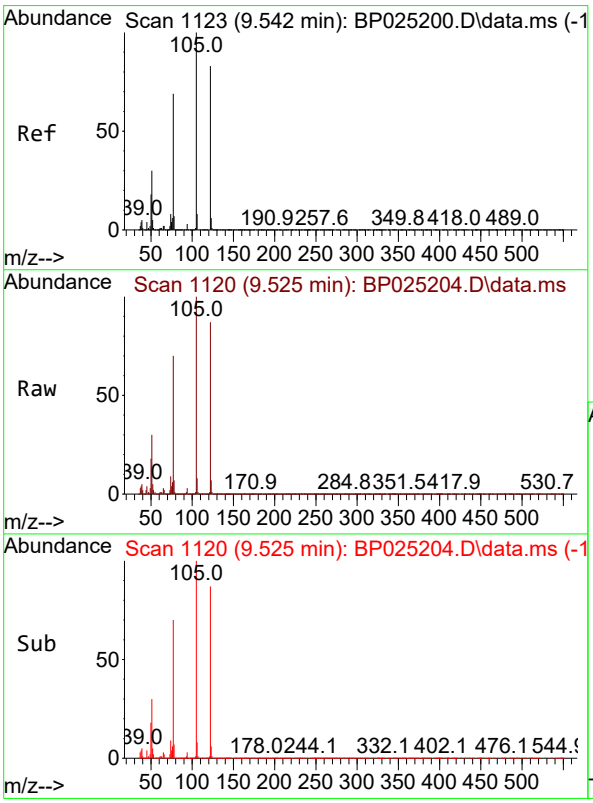
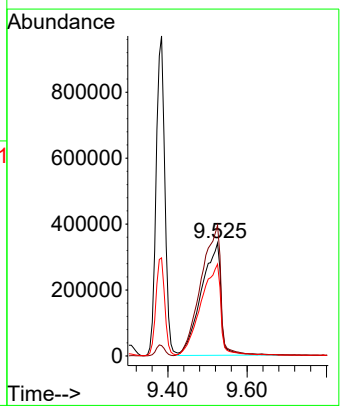
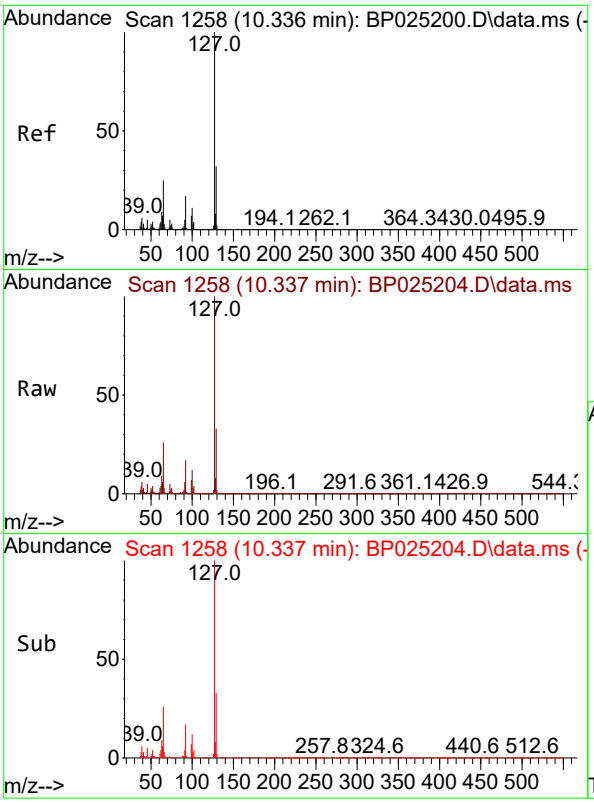



#32
Benzoic acid
Concen: 47.203 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.017 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 1168950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.6 | 98.1 | 138.1 |
| 77 | 81.2 | 62.7 | 102.7 |

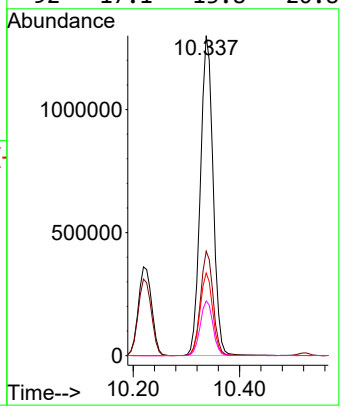





#33
4-Chloroaniline
Concen: 45.428 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:127 Resp: 215053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 25.9 | 38.9 |
| 65 | 25.8 | 20.2 | 30.4 |
| 92 | 17.1 | 13.8 | 20.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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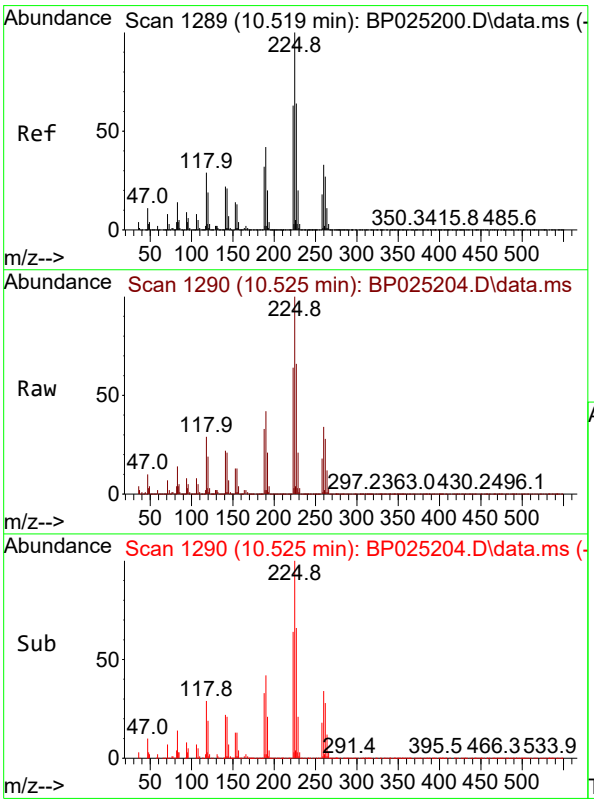
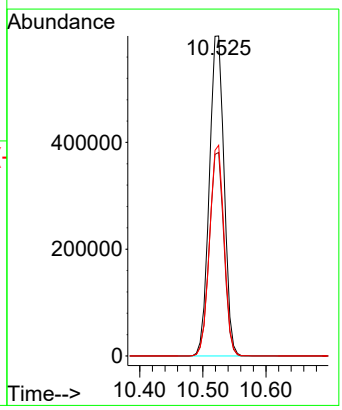
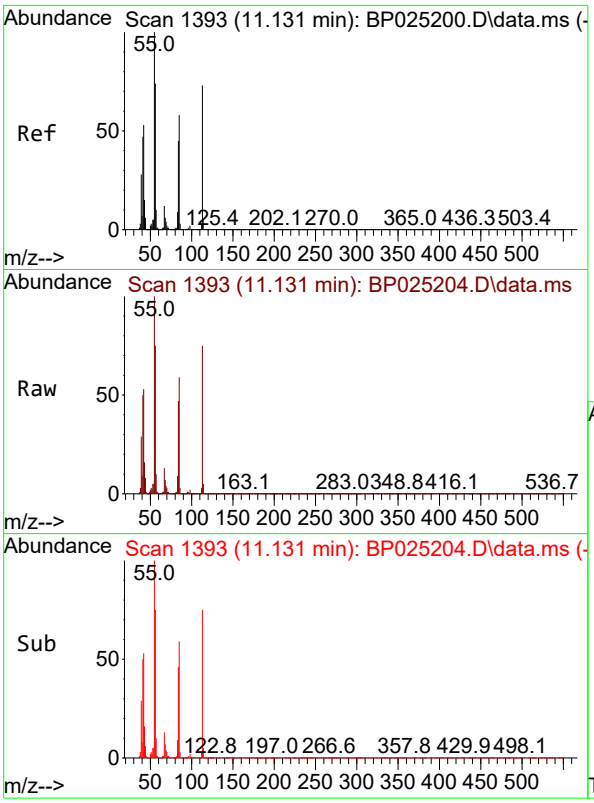



#34
Hexachlorobutadiene
Concen: 44.380 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:225 Resp: 972292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 50.1 | 75.1 |
| 227 | 65.8 | 51.4 | 77.0 |

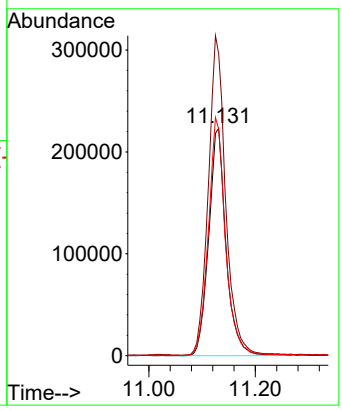





#35
Caprolactam
Concen: 45.393 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:113 Resp: 50207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 132.7 | 117.6 | 157.6 |
| 56 | 99.6 | 82.4 | 122.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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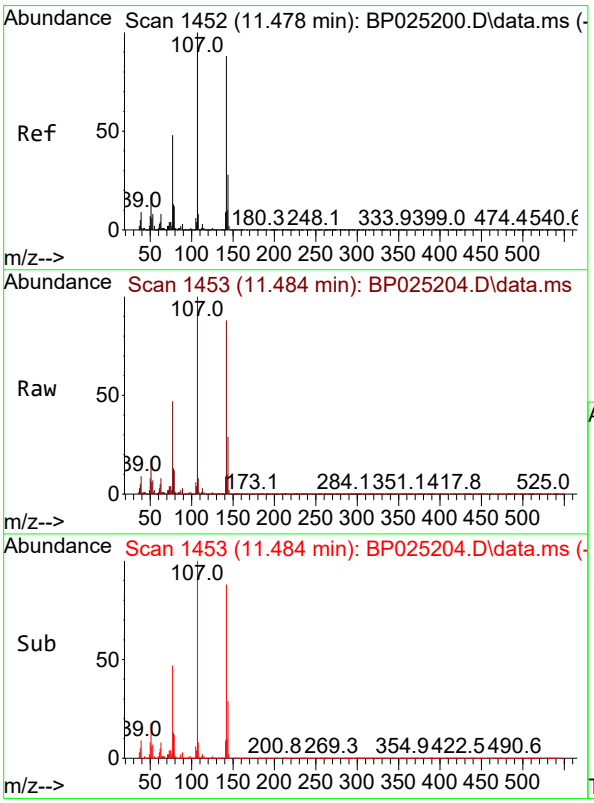
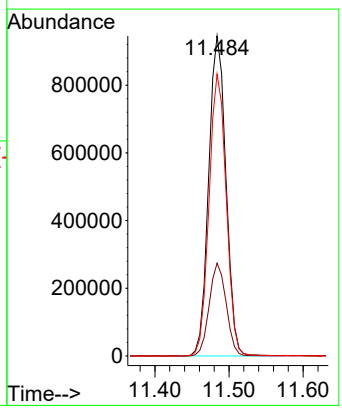
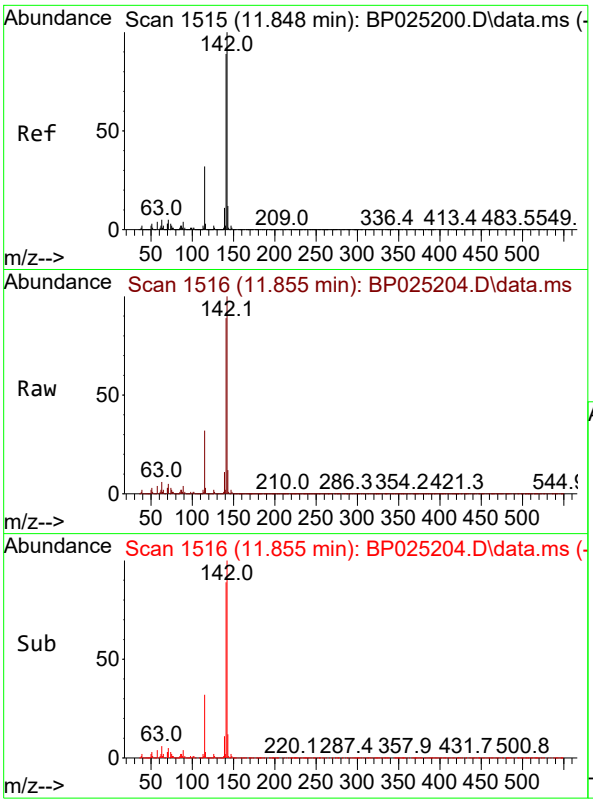



#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1529350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 22.5 | 33.7 |
| 142 | 88.0 | 70.6 | 105.8 |

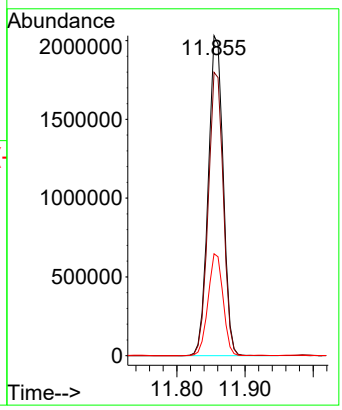





#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 11.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 310296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.2 | 106.8 |
| 115 | 31.9 | 25.3 | 37.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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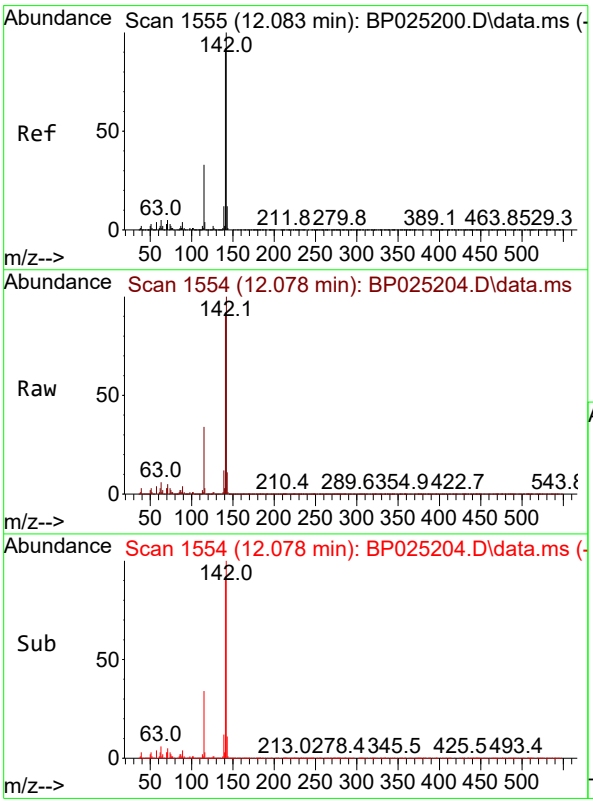
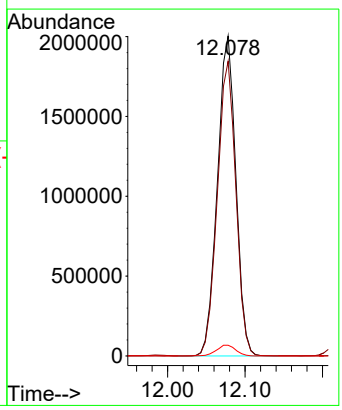
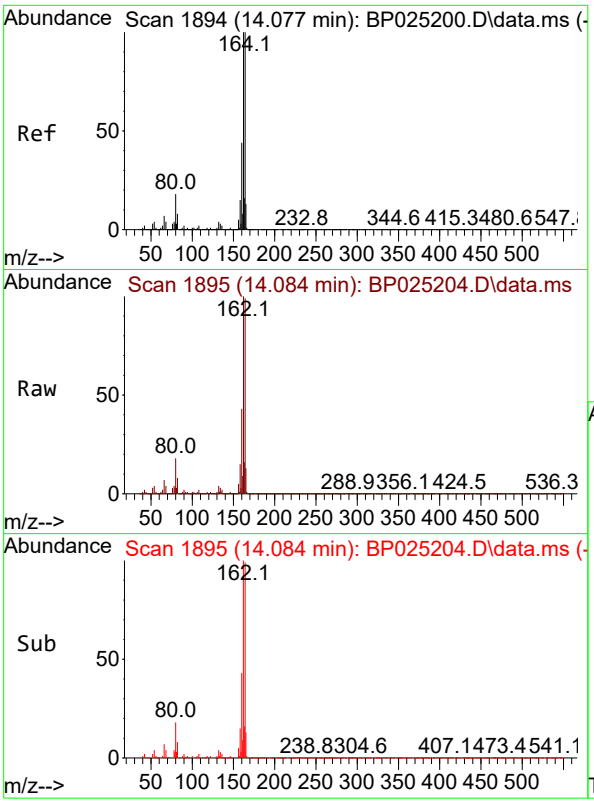



#38
1-Methylnaphthalene
Concen: 45.095 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 3312609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.8 | 110.8 |
| 116 | 3.4 | 2.8 | 4.2 |

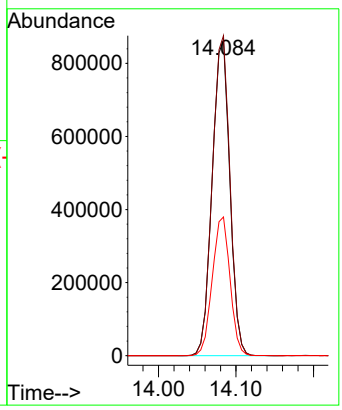





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:164 Resp: 136252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 80.3 | 120.5 |
| 160 | 43.9 | 35.7 | 53.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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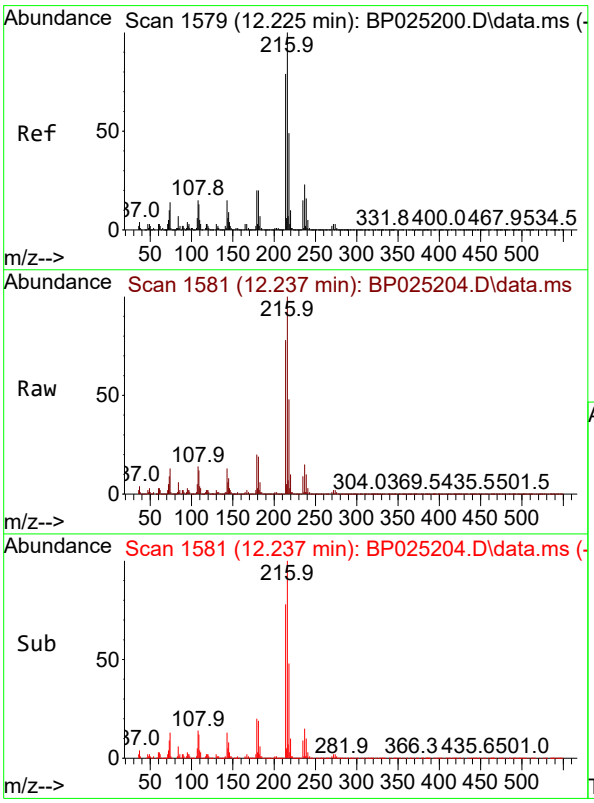
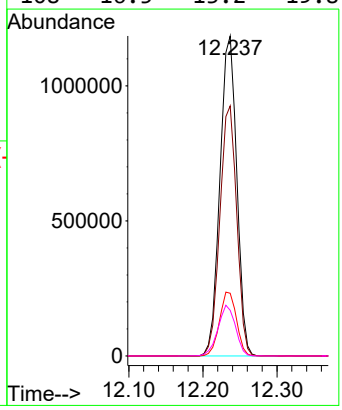
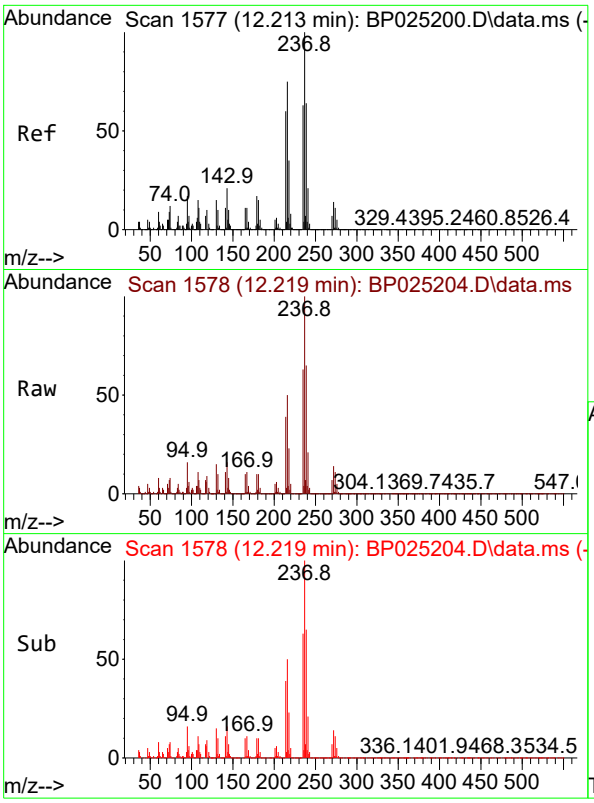



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.726 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:216 Resp: 1867529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |

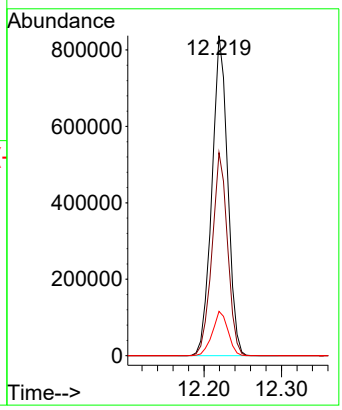





#41
Hexachlorocyclopentadiene
Concen: 48.517 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:237 Resp: 118285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 42.7 | 82.7 |
| 272 | 13.8 | 0.0 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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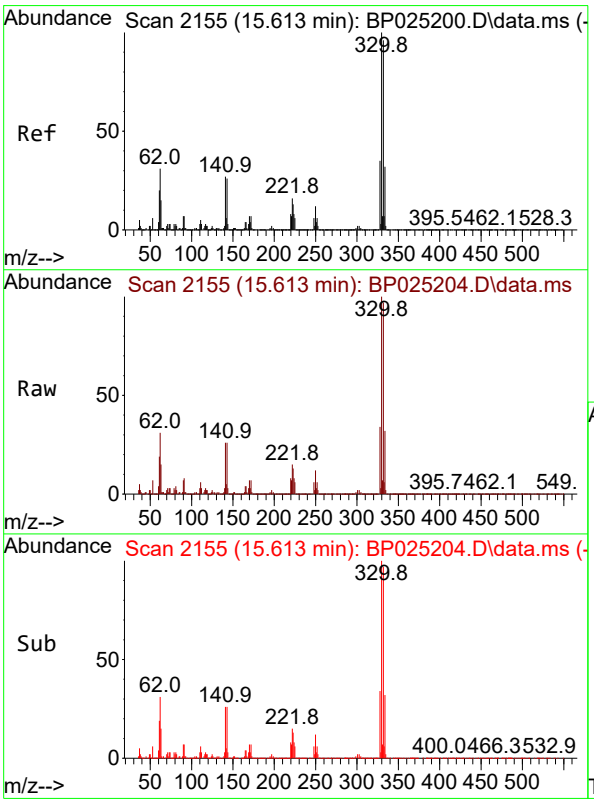
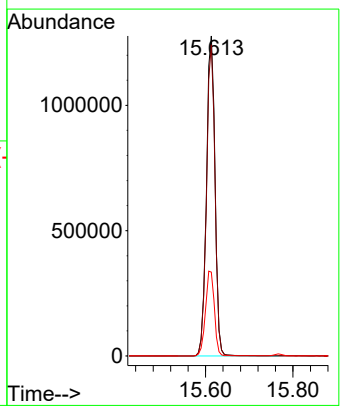
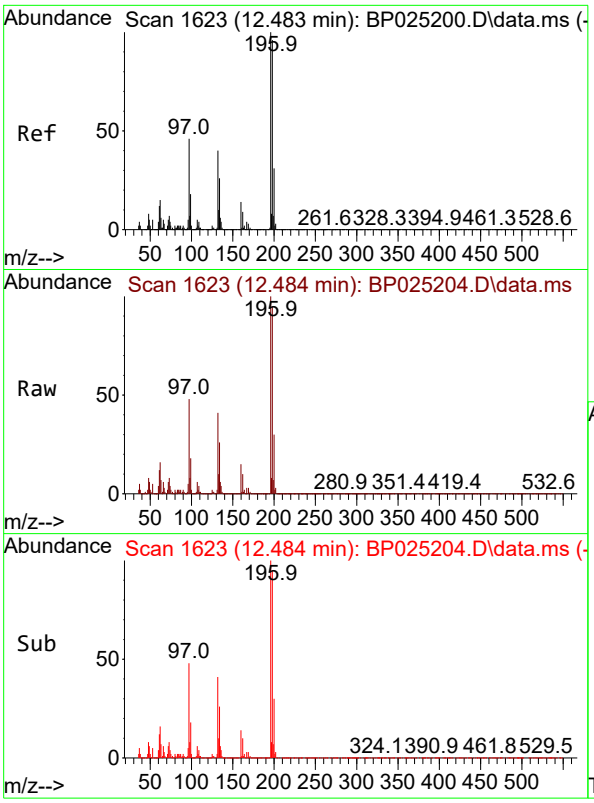



#42
2,4,6-Tribromophenol
Concen: 86.546 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:330 Resp: 1738413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 27.5 | 22.4 | 33.6 |






#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 127158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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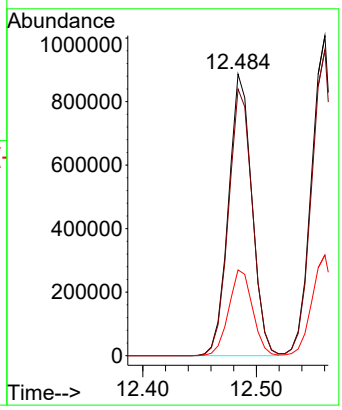
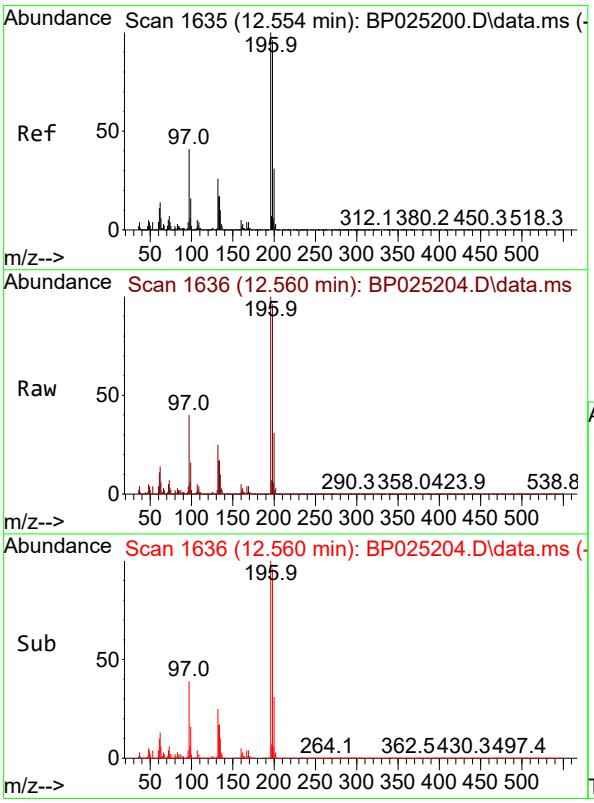
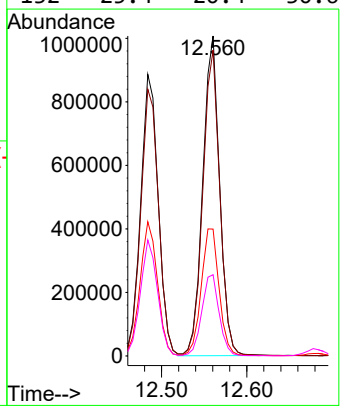


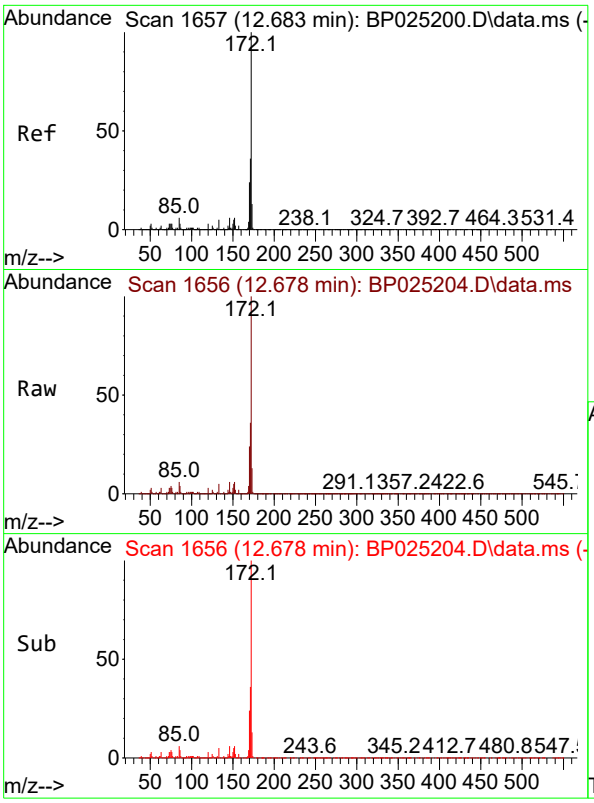




#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 1384362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.7 | 115.1 |
| 97 | 39.6 | 33.0 | 49.4 |
| 132 | 25.4 | 20.4 | 30.6 |

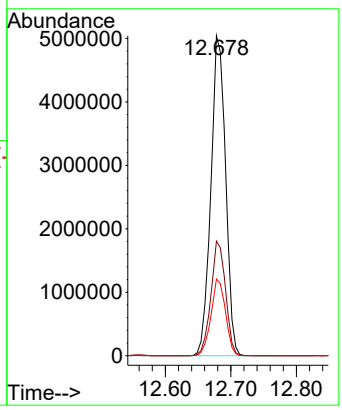





#45
2-Fluorobiphenyl
Concen: 81.308 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:172 Resp: 785807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.8 | 43.2 |
| 170 | 23.9 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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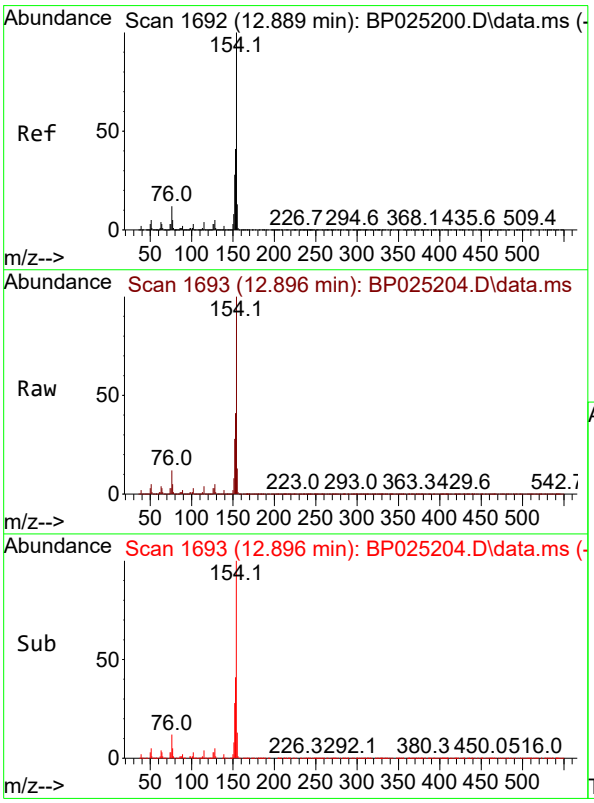
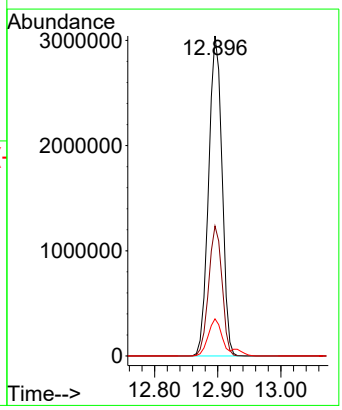
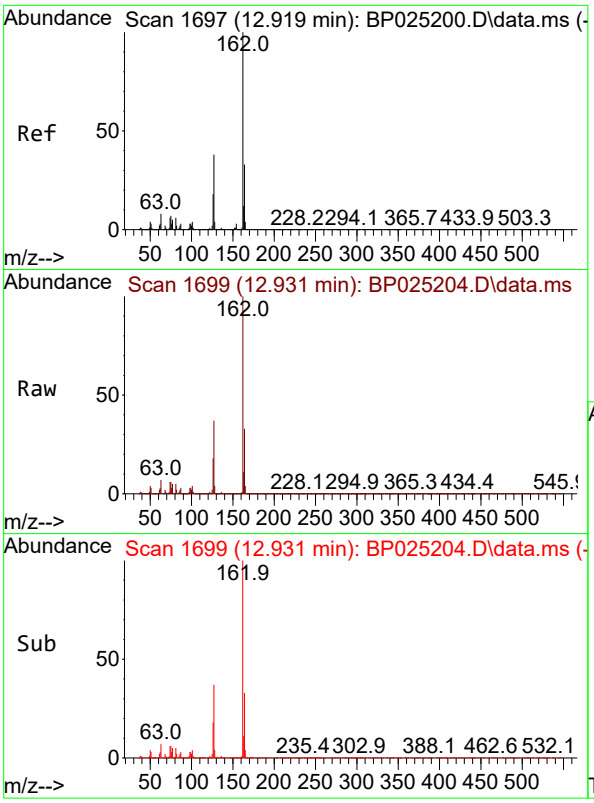



#46
1,1'-Biphenyl
Concen: 45.416 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 4485894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.8 | 60.8 |
| 76 | 11.6 | 0.0 | 31.6 |

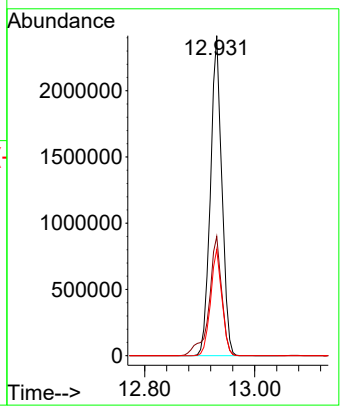





#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:162 Resp: 347490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.3 | 30.1 | 45.1 |
| 164 | 33.2 | 26.5 | 39.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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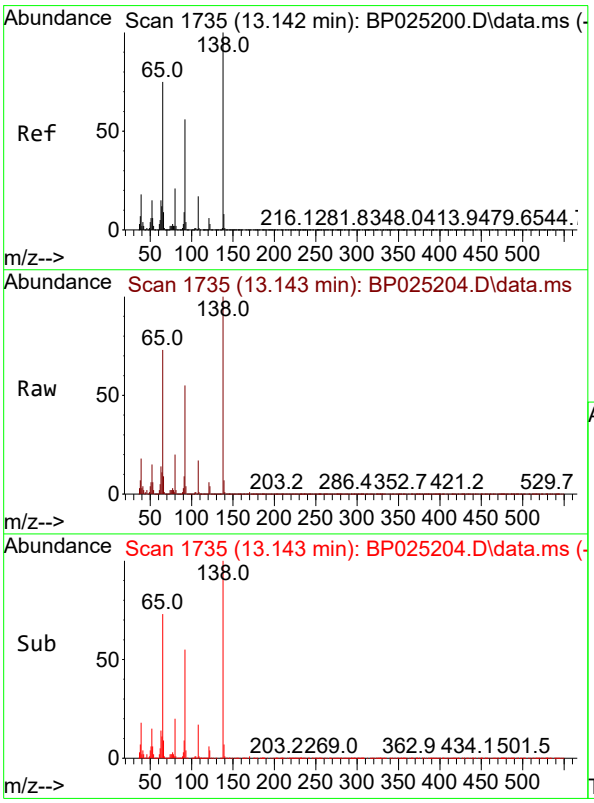
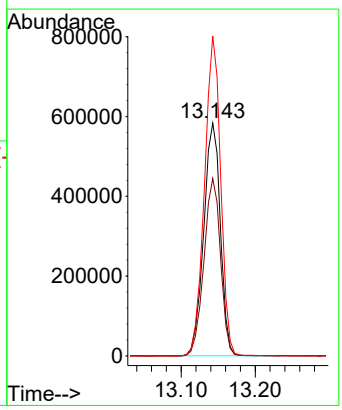
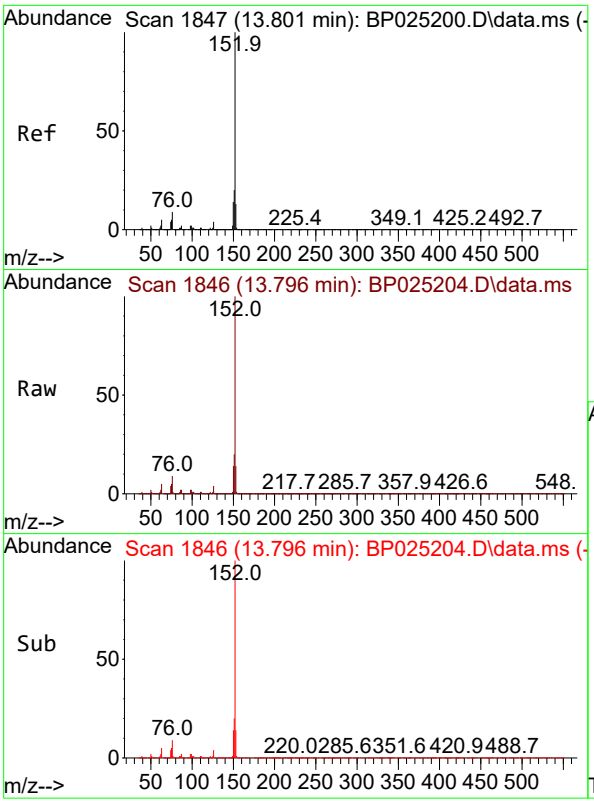



#48
2-Nitroaniline
Concen: 46.176 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 65 Resp: 909354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.2 | 59.9 | 89.9 |
| 138 | 137.3 | 107.1 | 160.7 |

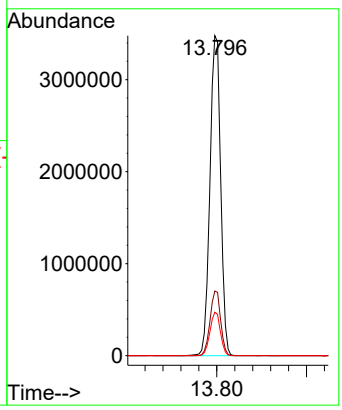





#49
Acenaphthylene
Concen: 46.141 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:152 Resp: 575497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.6 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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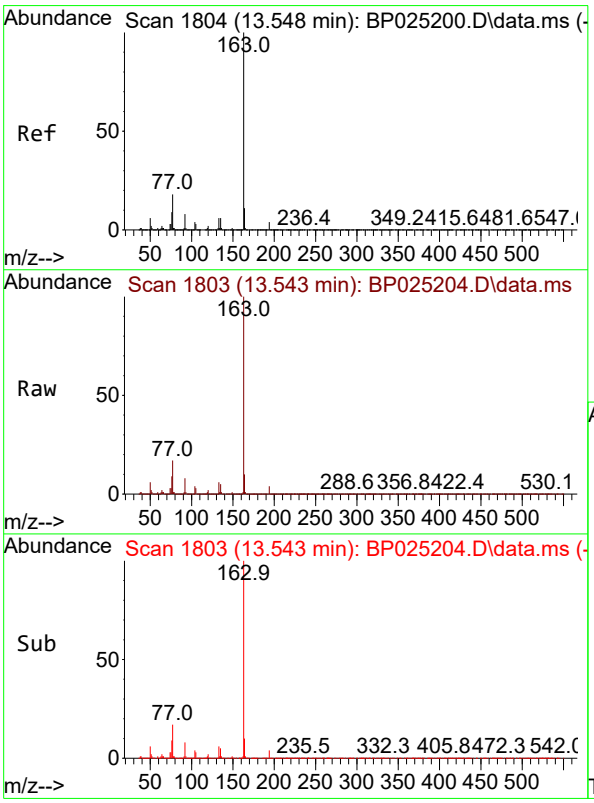
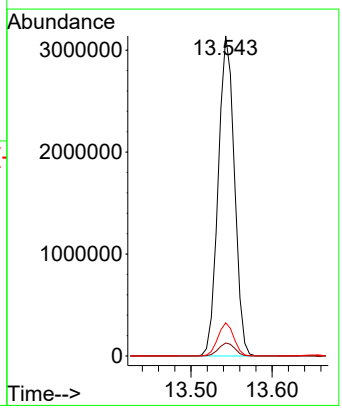
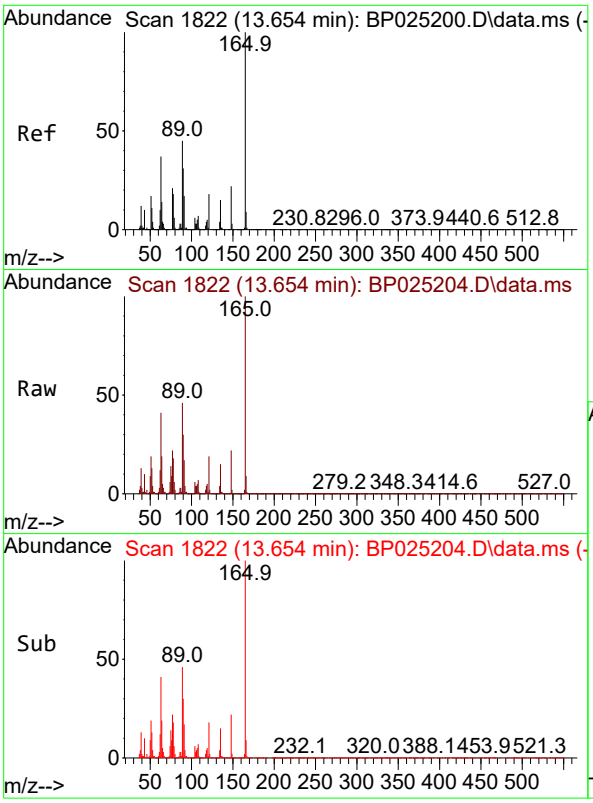



#50
Dimethylphthalate
Concen: 44.753 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:163 Resp: 4360923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.3 | 8.5 | 12.7 |

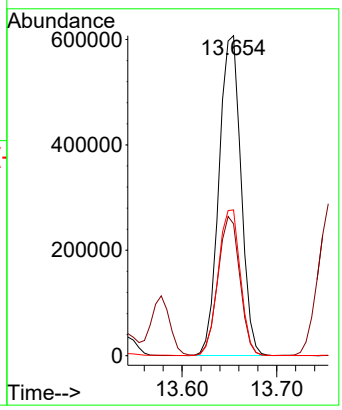





#51
2,6-Dinitrotoluene
Concen: 46.230 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 97882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.2 | 33.4 | 50.2 |
| 89 | 45.5 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

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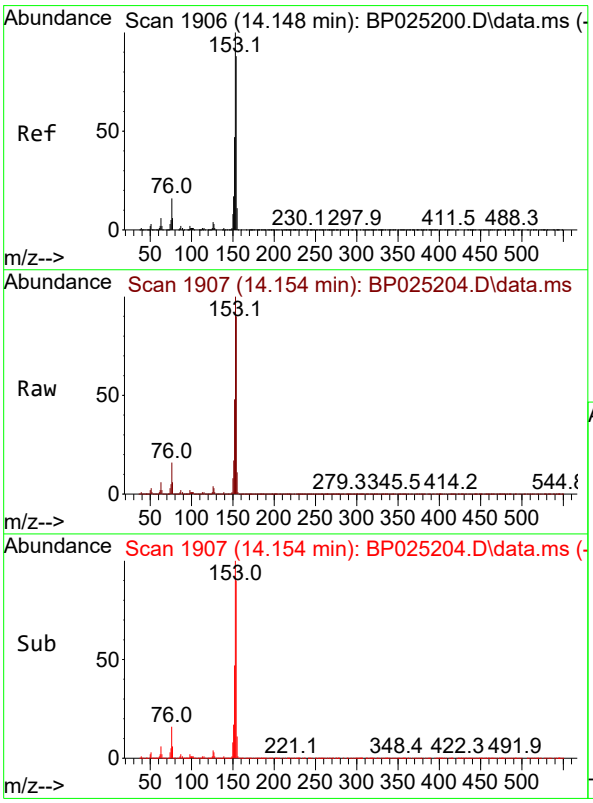
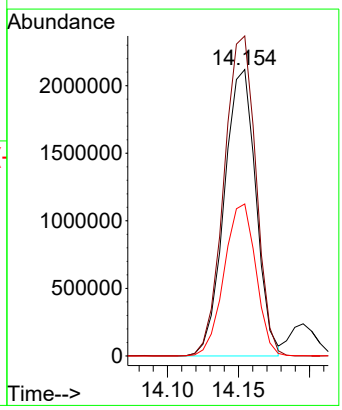
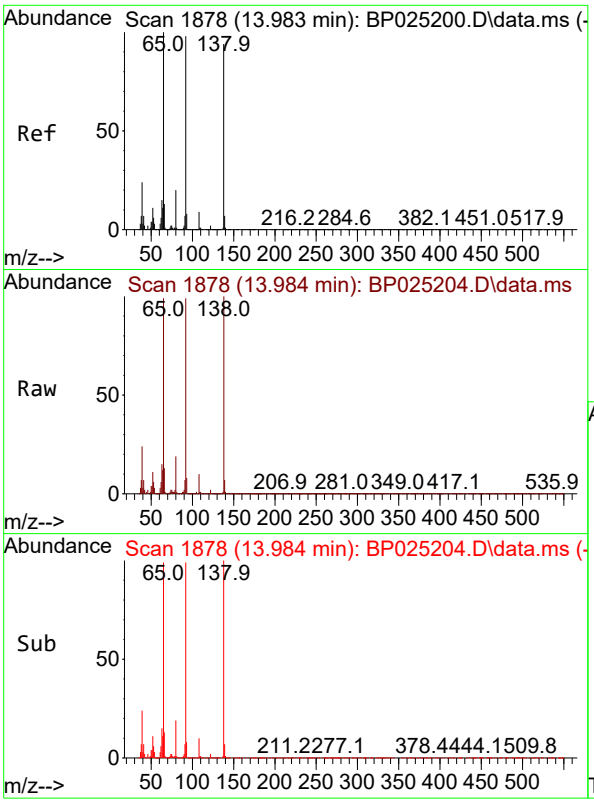



#52
Acenaphthene
Concen: 45.507 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 3282137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.1 | 42.9 | 64.3 |






#53
3-Nitroaniline
Concen: 45.931 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:138 Resp: 109668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 7.5 | 11.3 |
| 92 | 99.1 | 83.2 | 124.8 |

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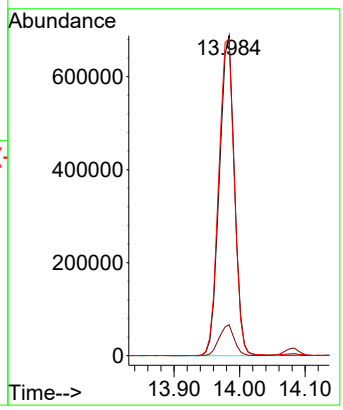
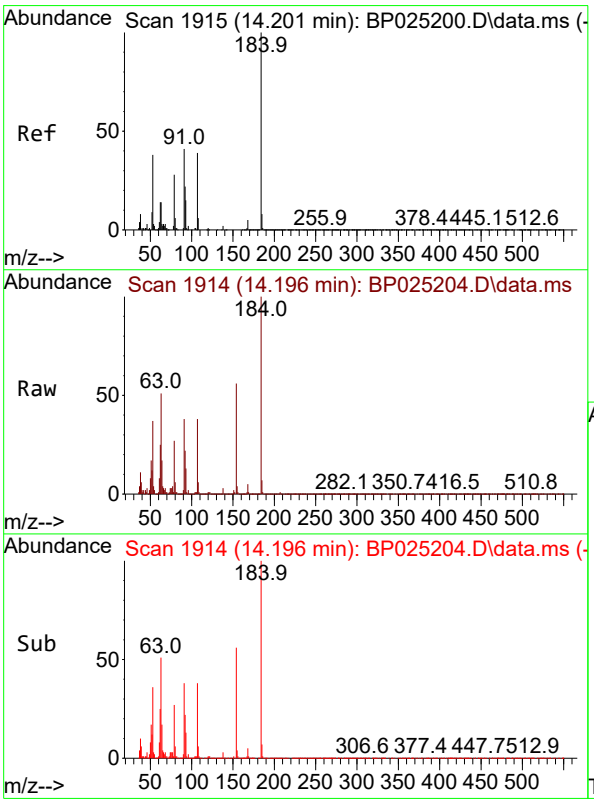
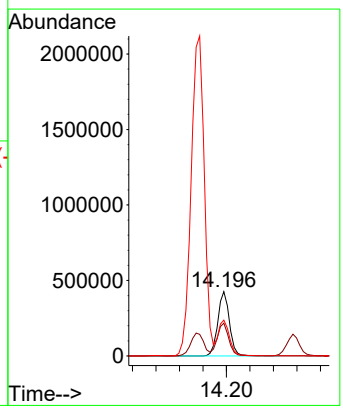


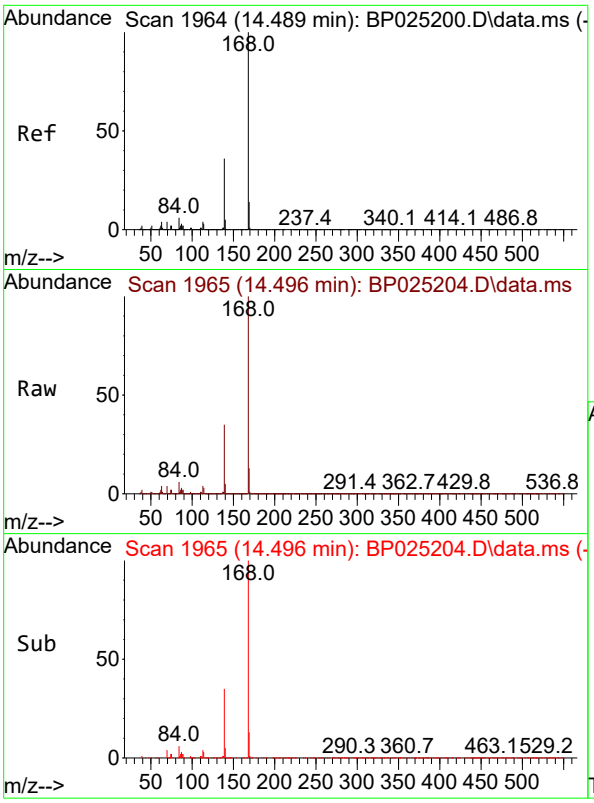




#54
2,4-Dinitrophenol
Concen: 46.791 ng
RT: 14.196 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 586989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.9 | 41.8 | 62.8 |
| 154 | 55.7 | 45.7 | 68.5 |

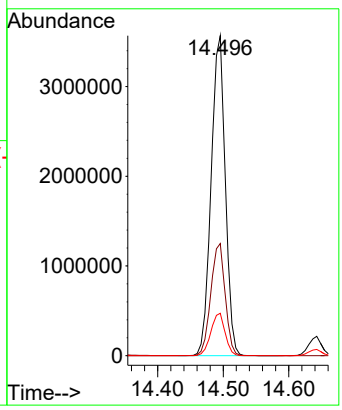





#55
Dibenzofuran
Concen: 45.869 ng
RT: 14.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:168 Resp: 534382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.1 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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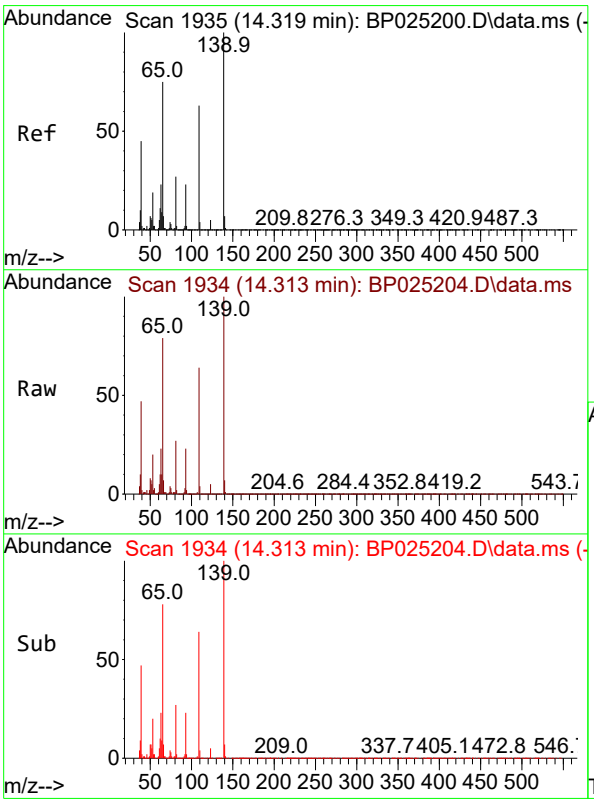
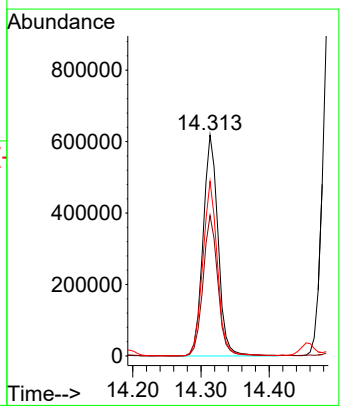
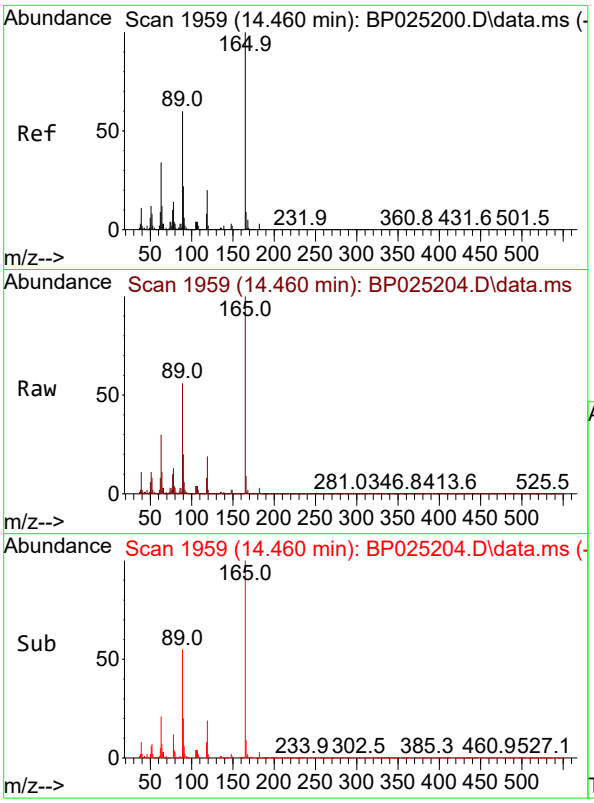



#56
4-Nitrophenol
Concen: 46.237 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 944675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.5 | 42.6 | 82.6 |
| 65 | 79.0 | 55.4 | 95.4 |

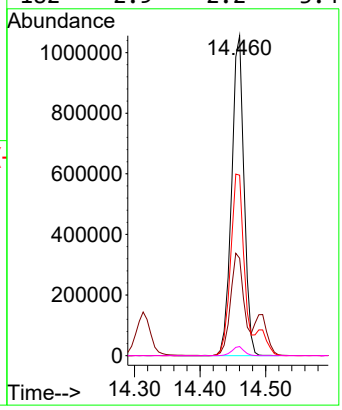





#57
2,4-Dinitrotoluene
Concen: 46.930 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:165 Resp: 139089

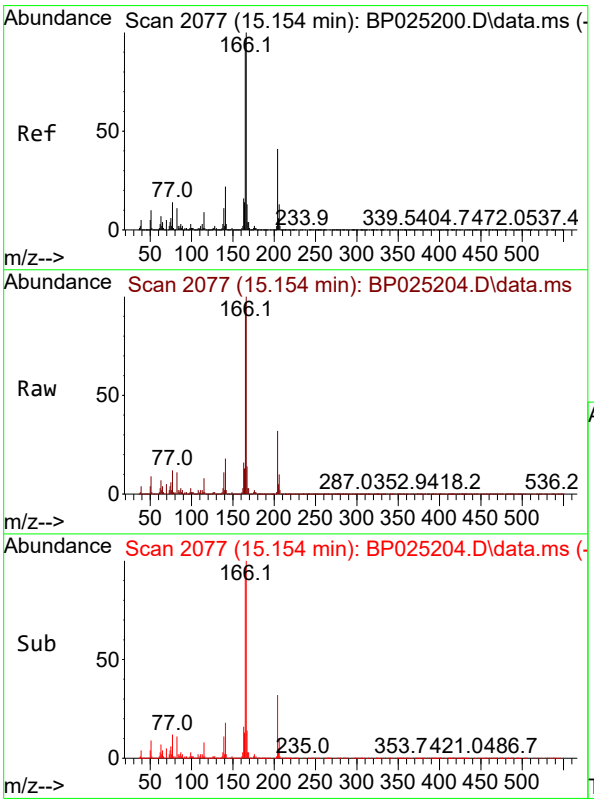
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 30.4 | 27.0 | 40.4 |
| 89 | 56.4 | 47.8 | 71.6 |
| 182 | 2.9 | 2.2 | 3.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

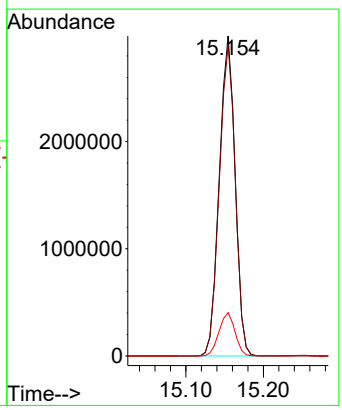
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

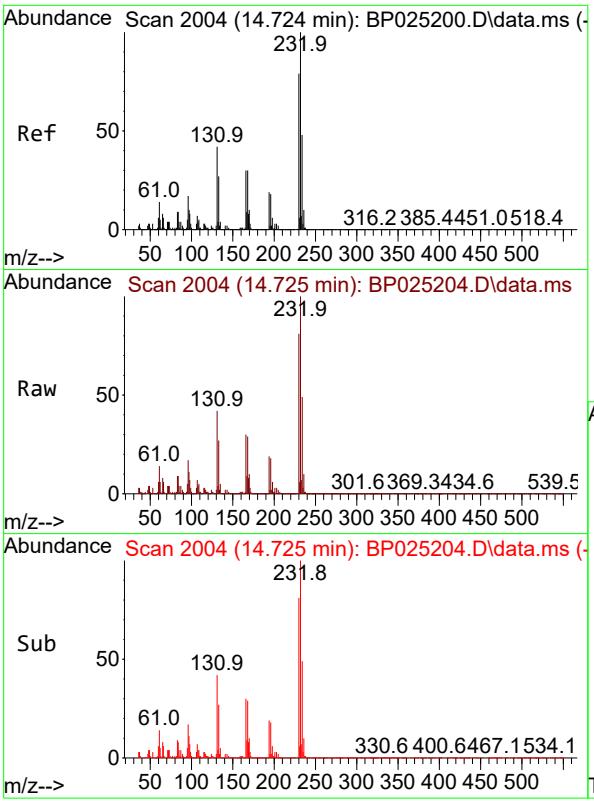



#58
Fluorene
Concen: 45.851 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:166 Resp: 4240752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |

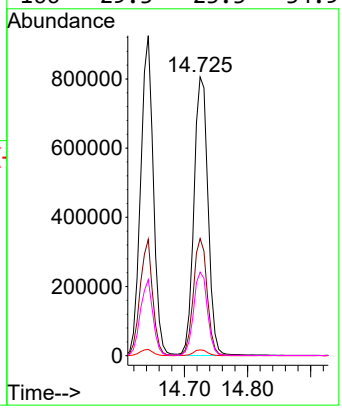





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:232 Resp: 124319

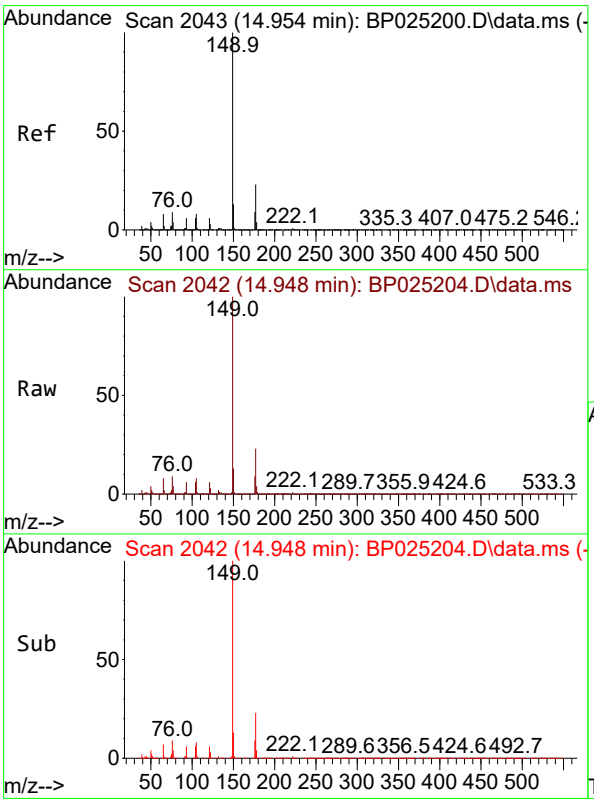
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.0 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.3 | 23.3 | 34.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

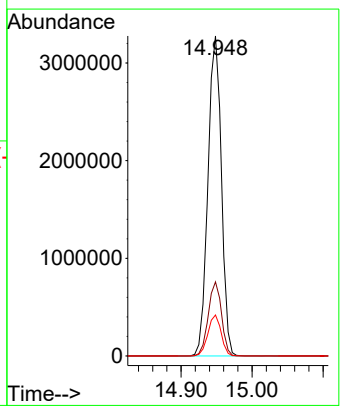
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

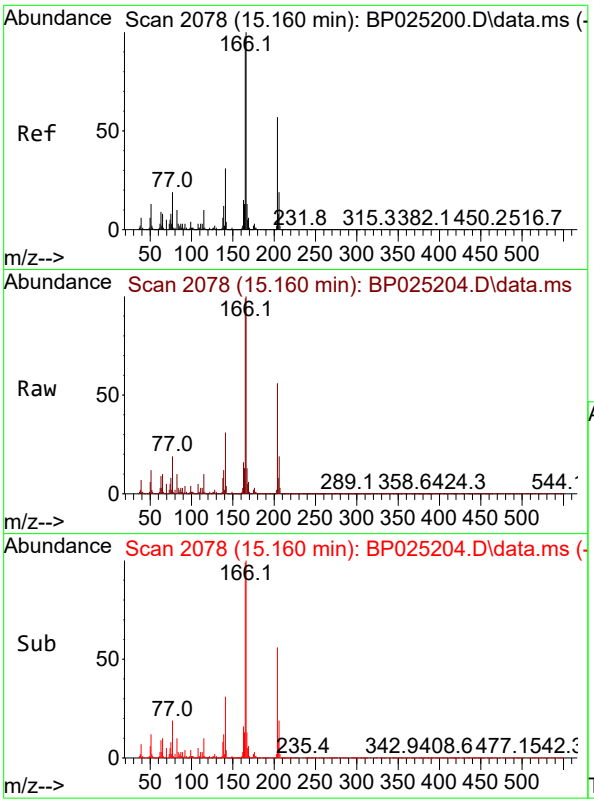



#60
Diethylphthalate
Concen: 44.844 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 4306867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.1 | 18.4 | 27.6 |
| 150 | 12.8 | 10.0 | 15.0 |

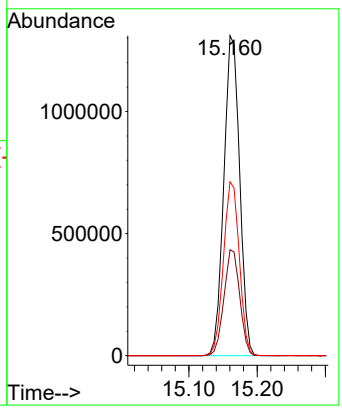





#61
4-Chlorophenyl-phenylether
Concen: 45.300 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:204 Resp: 211714

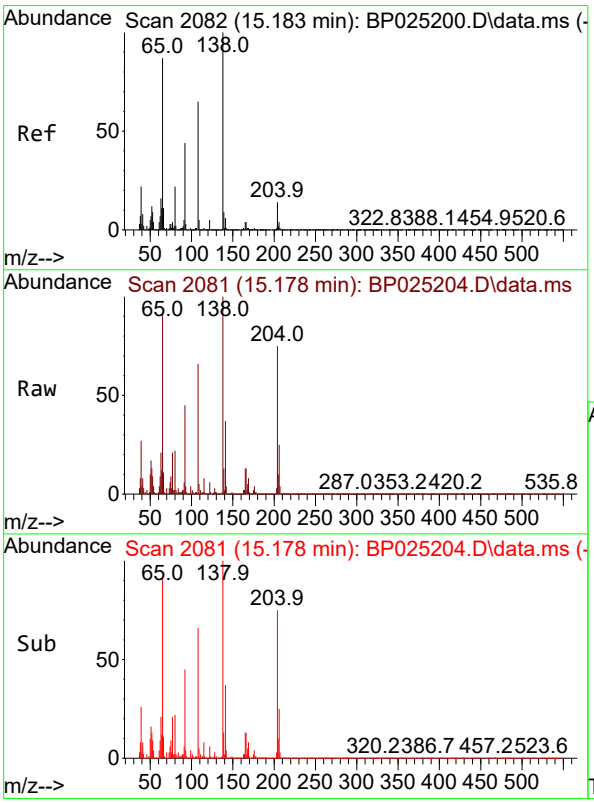
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.3 | 39.5 |
| 141 | 54.4 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

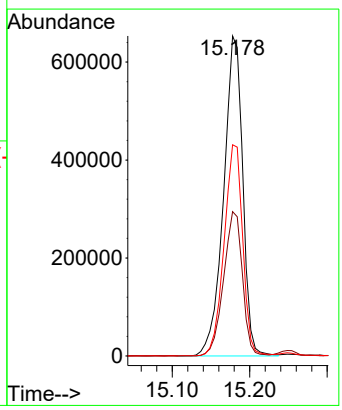
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

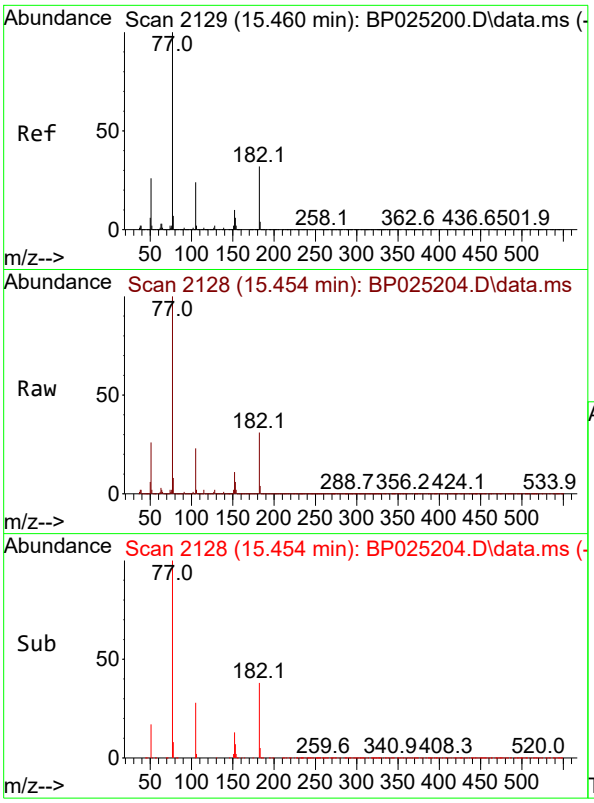



#62
4-Nitroaniline
Concen: 46.208 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:138 Resp: 1122038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.1 | 24.0 | 64.0 |
| 108 | 66.0 | 44.9 | 84.9 |

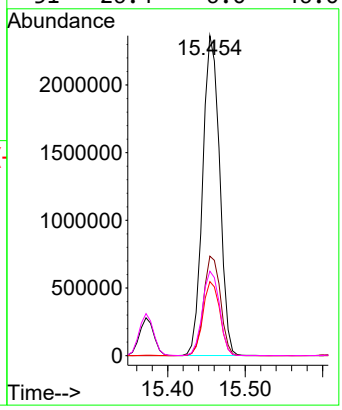





#63
Azobenzene
Concen: 45.735 ng
RT: 15.454 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 357944

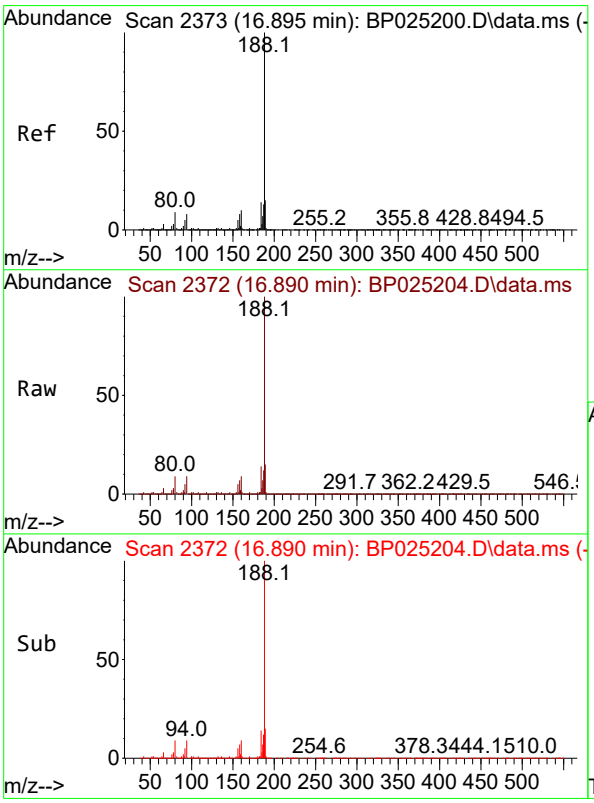
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.1 | 12.0 | 52.0 |
| 105 | 23.2 | 3.6 | 43.6 |
| 51 | 26.4 | 6.0 | 46.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

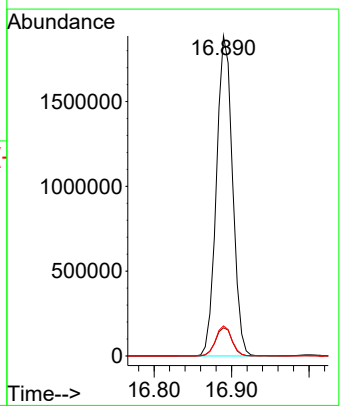
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

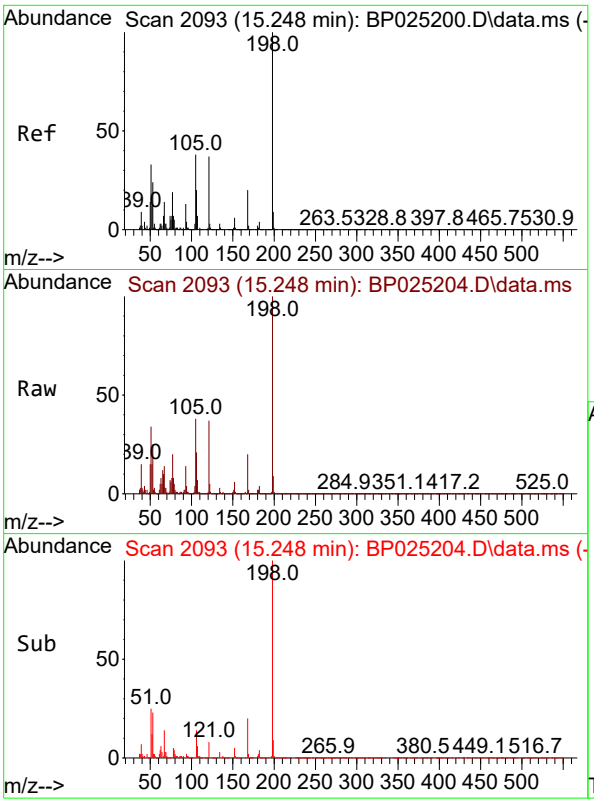



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:188 Resp: 2724423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.8 | 10.2 |
| 80 | 9.4 | 7.3 | 10.9 |

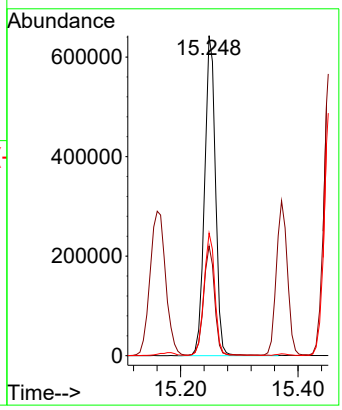





#65
4,6-Dinitro-2-methylphenol
Concen: 46.654 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:198 Resp: 82028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.3 | 14.6 | 54.6 |
| 105 | 38.3 | 18.3 | 58.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
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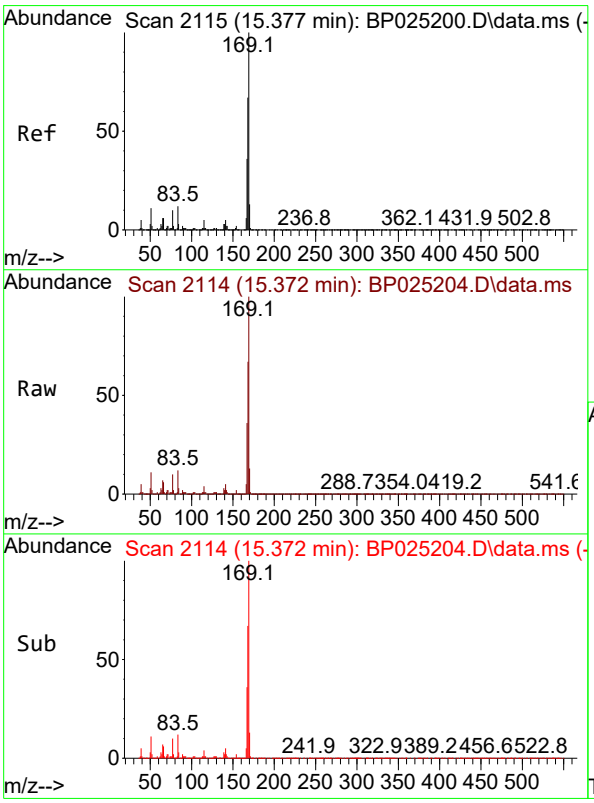
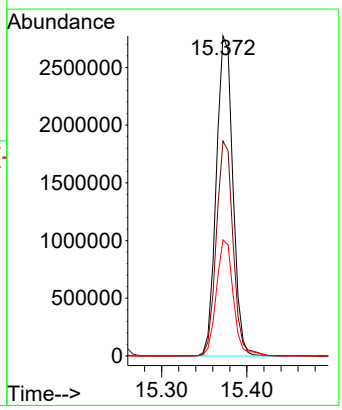
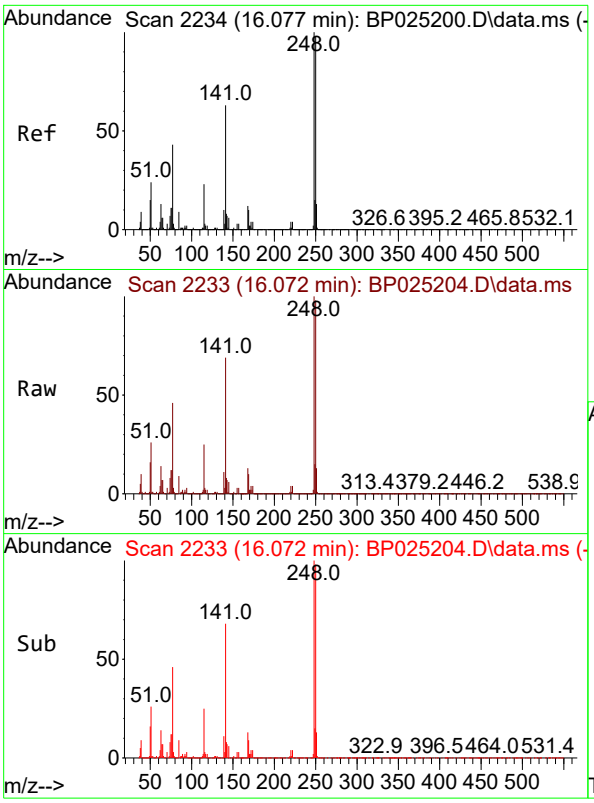



#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:169 Resp: 3726776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |






#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:248 Resp: 139965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.5 | 117.7 |
| 141 | 68.5 | 50.5 | 75.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
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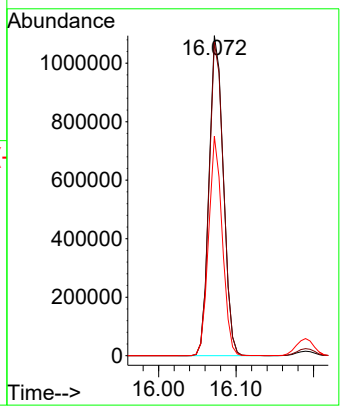
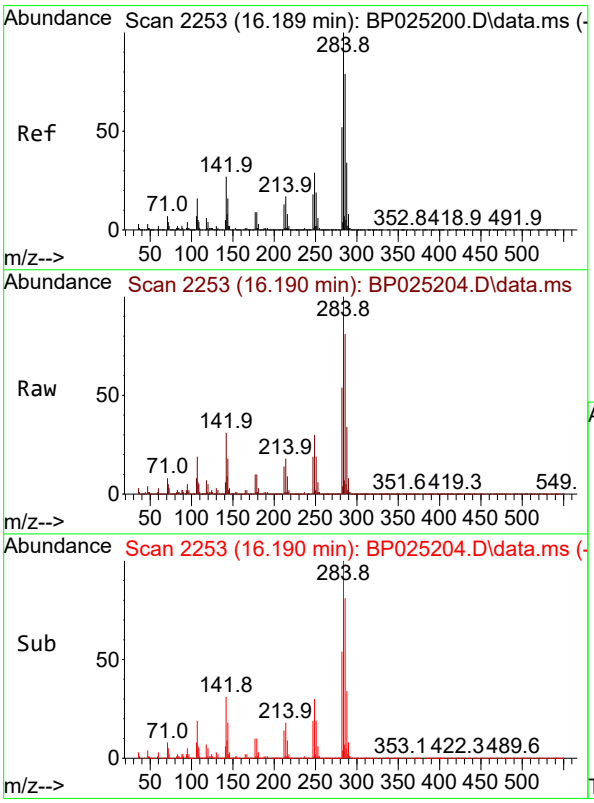
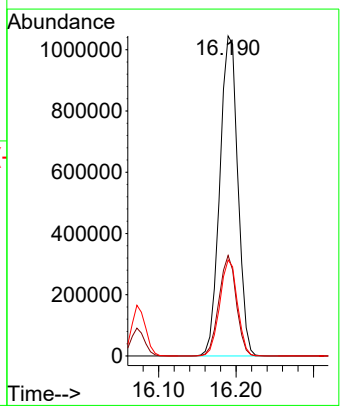


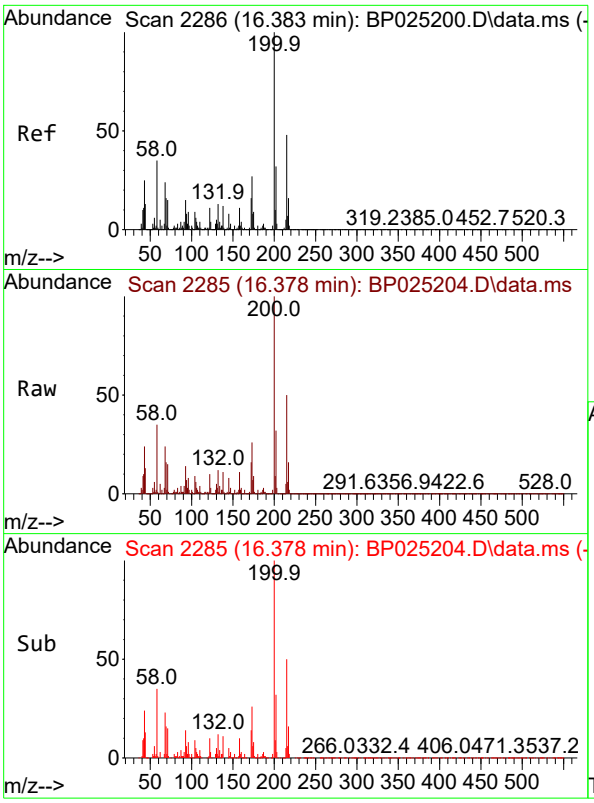




#68
Hexachlorobenzene
Concen: 44.819 ng
RT: 16.190 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:284 Resp: 1692331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 21.5 | 32.3 |
| 249 | 30.0 | 23.4 | 35.0 |

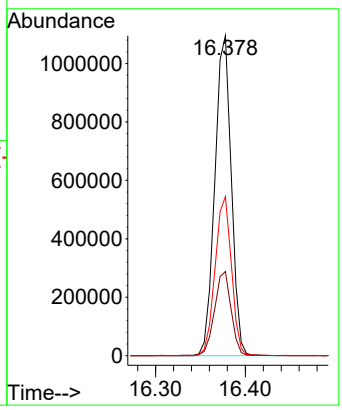





#69
Atrazine
Concen: 45.593 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:200 Resp: 139515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 49.7 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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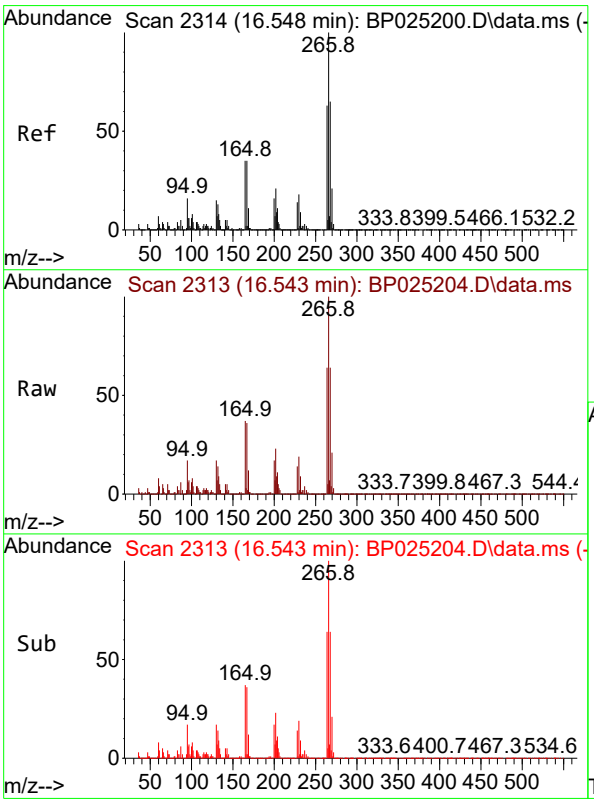
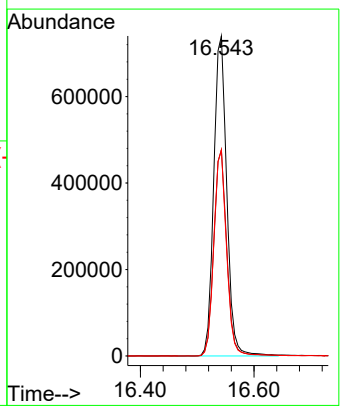
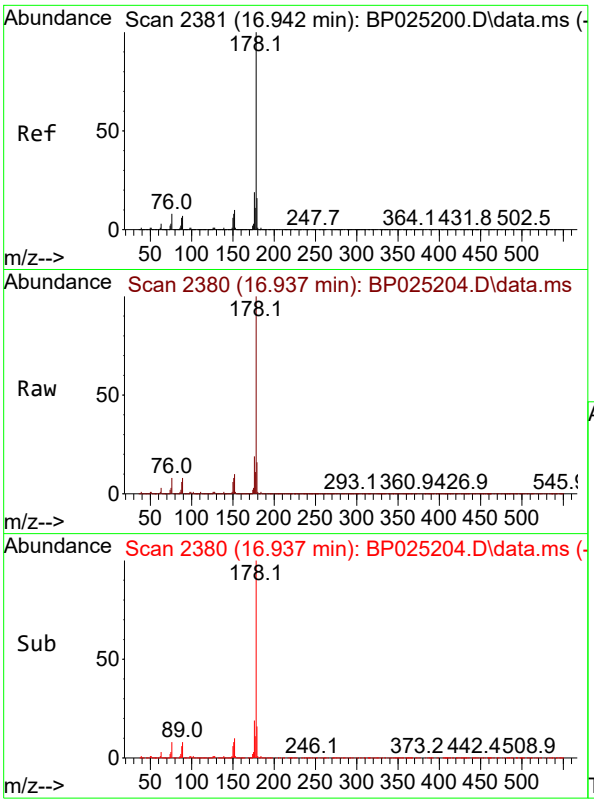



#70
Pentachlorophenol
Concen: 45.651 ng
RT: 16.543 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:266 Resp: 1172182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.8 | 77.6 |
| 264 | 64.4 | 50.3 | 75.5 |

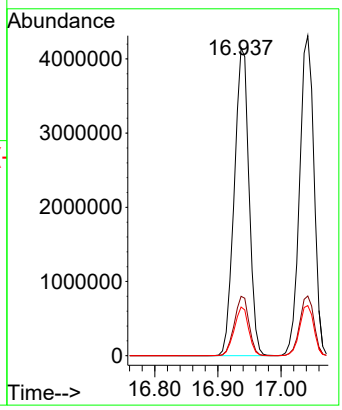





#71
Phenanthrene
Concen: 45.655 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 670861

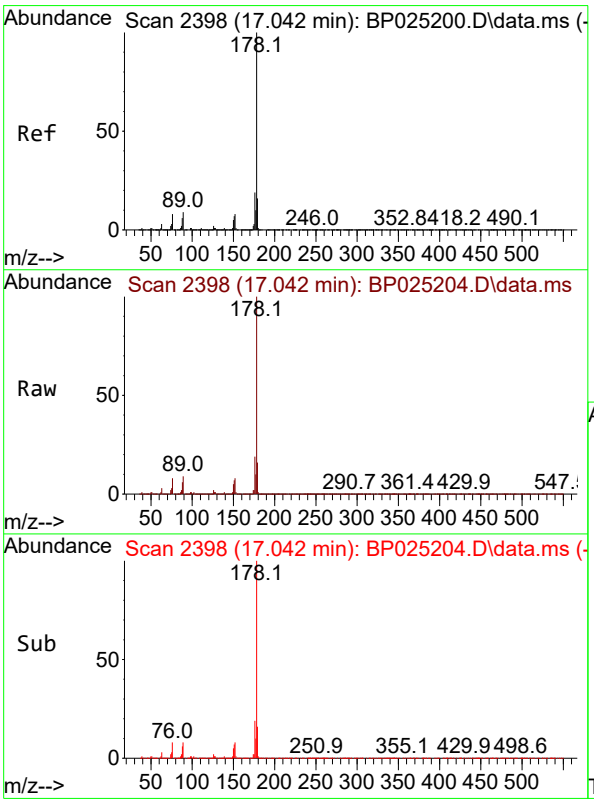
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.8 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

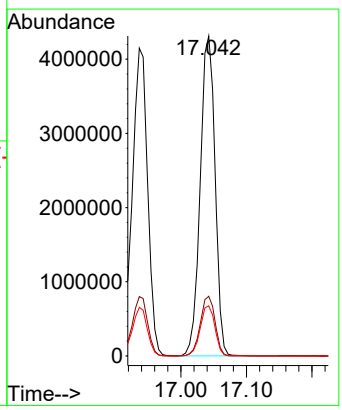
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

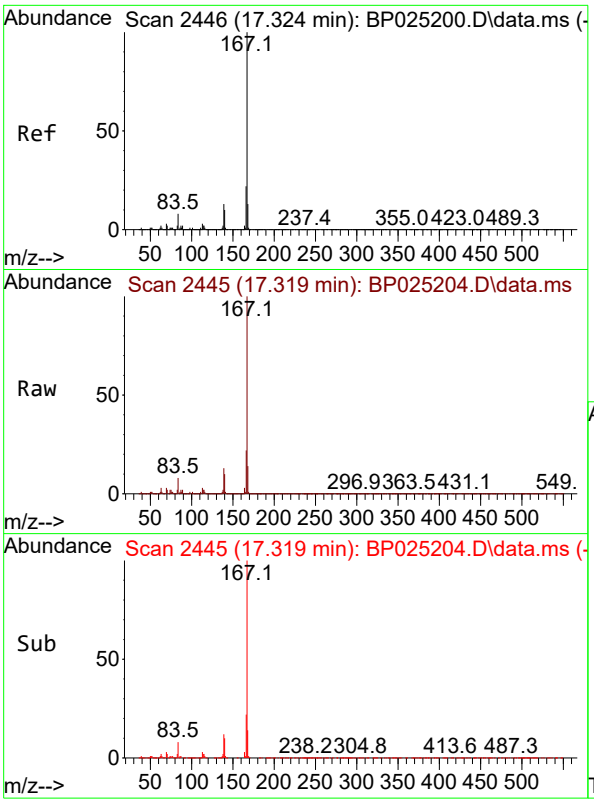



#72
Anthracene
Concen: 45.942 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 6800703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |

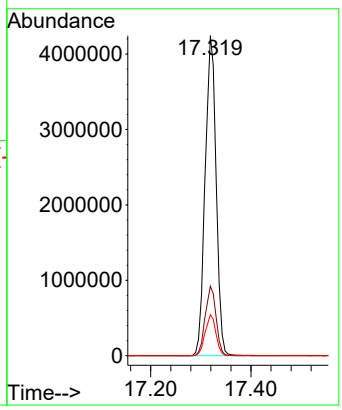





#73
Carbazole
Concen: 45.725 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:167 Resp: 646134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.3 | 25.9 |
| 139 | 12.8 | 10.1 | 15.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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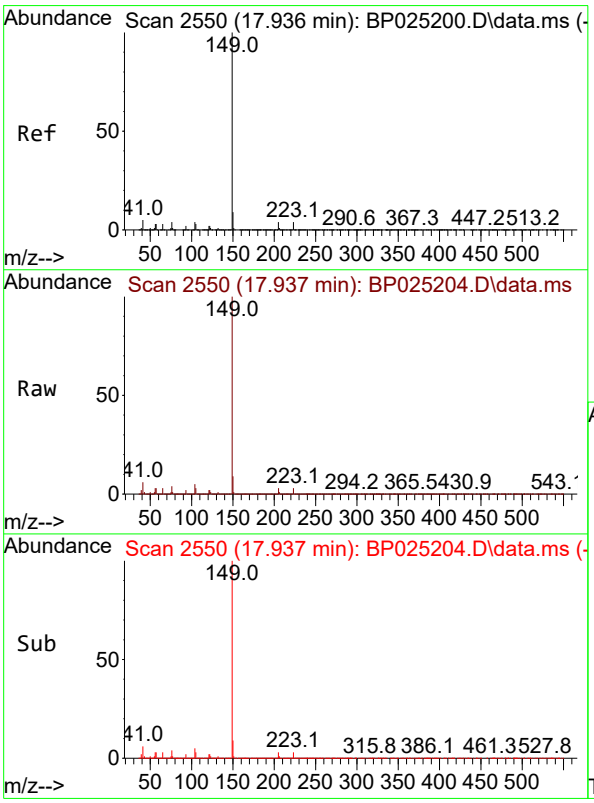
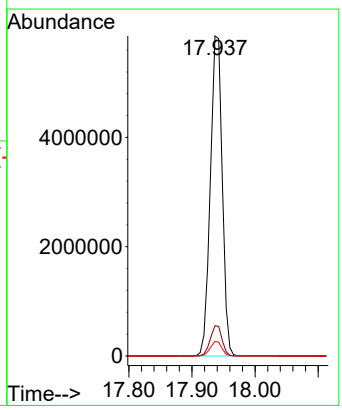
Supervised By :Jagrut Upadhyay 07/22/2025

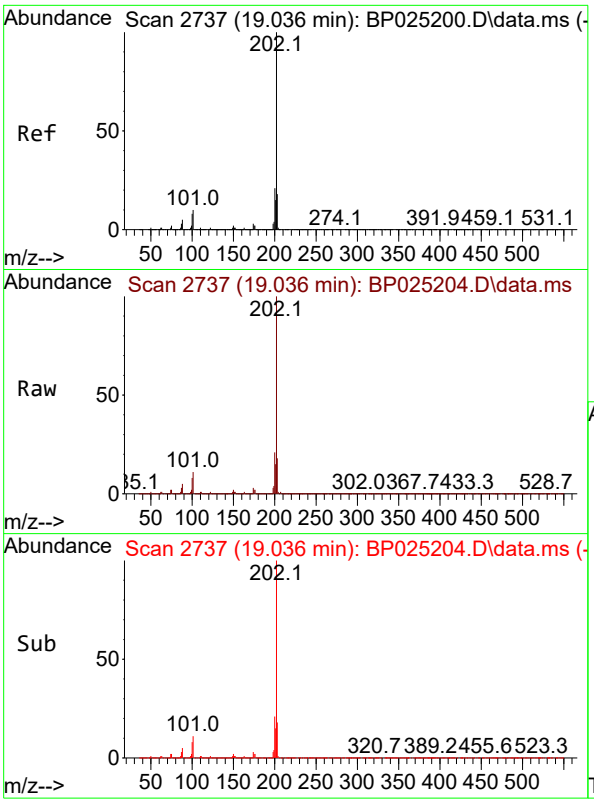



#74
Di-n-butylphthalate
Concen: 47.030 ng
RT: 17.937 min Scan# 2550
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 7668085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.6 | 11.4 |
| 104 | 4.6 | 3.5 | 5.3 |

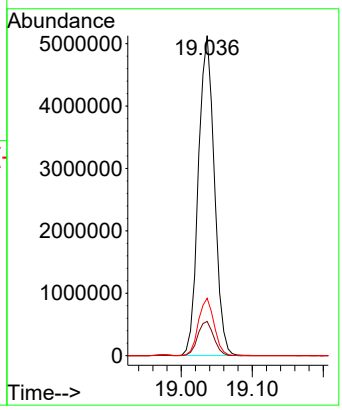





#75
Fluoranthene
Concen: 46.353 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 801619

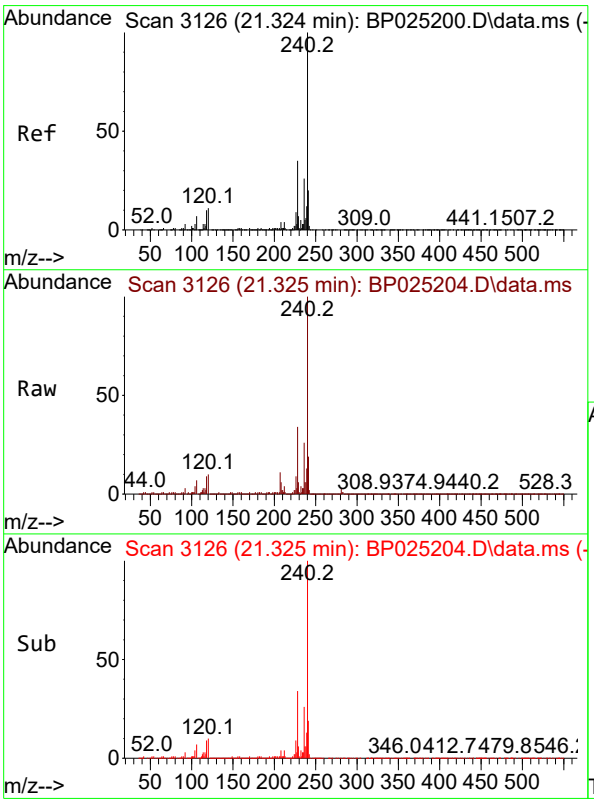
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 30.3 |
| 203 | 17.9 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

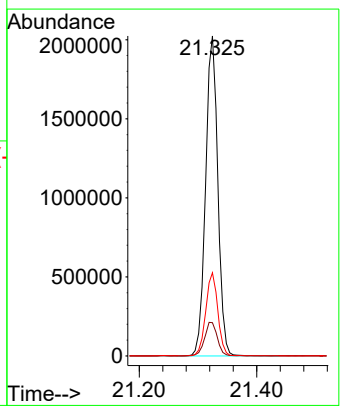
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

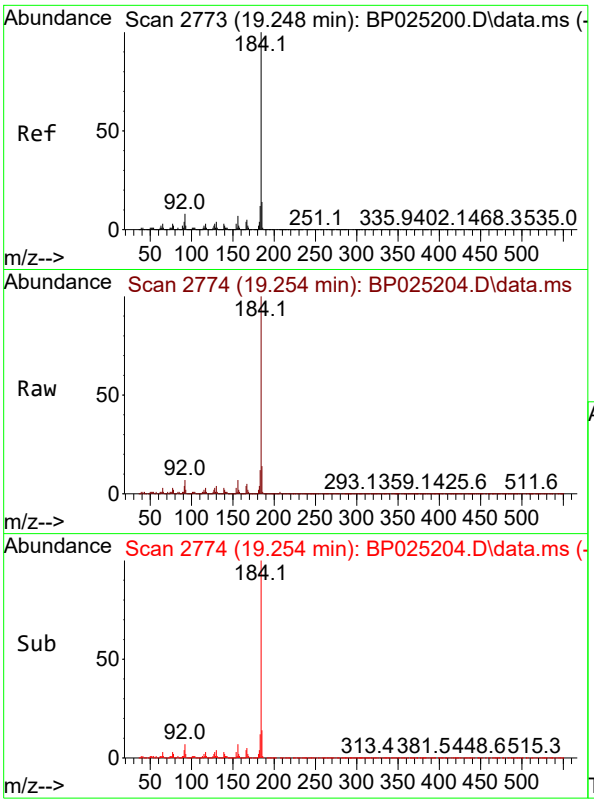



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:240 Resp: 2909374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.8 | 13.2 |
| 236 | 26.0 | 20.9 | 31.3 |

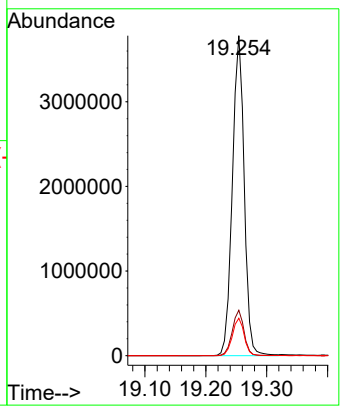





#77
Benzidine
Concen: 49.969 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 510397

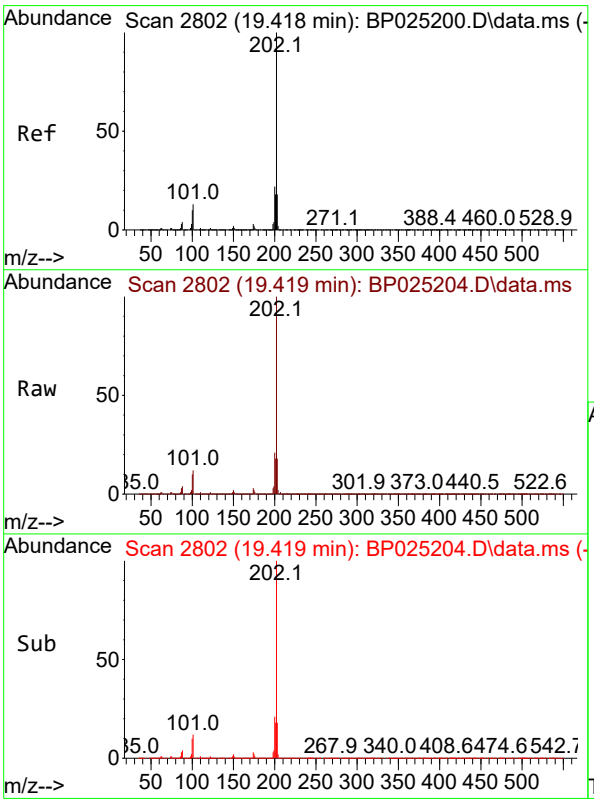
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.5 | 17.3 |
| 183 | 11.7 | 9.6 | 14.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

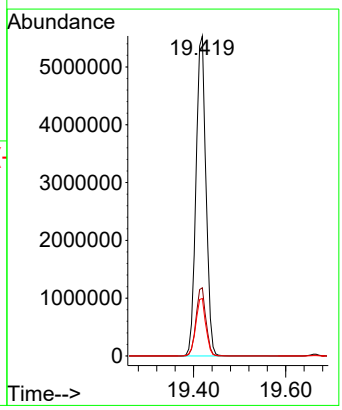
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

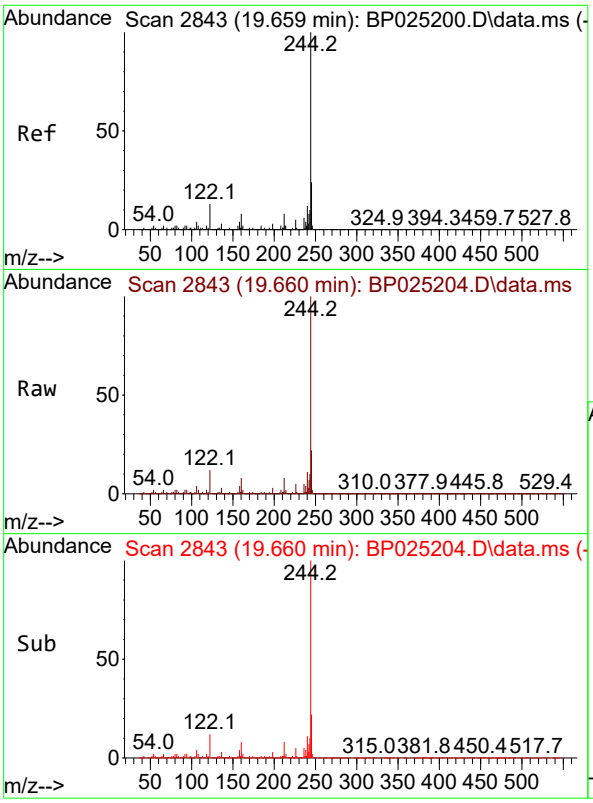



#78
Pyrene
Concen: 46.157 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 8280087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.2 |
| 203 | 18.0 | 14.3 | 21.5 |

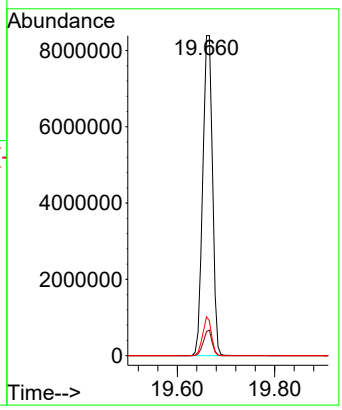





#79
Terphenyl-d14
Concen: 78.518 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:244 Resp:1157218

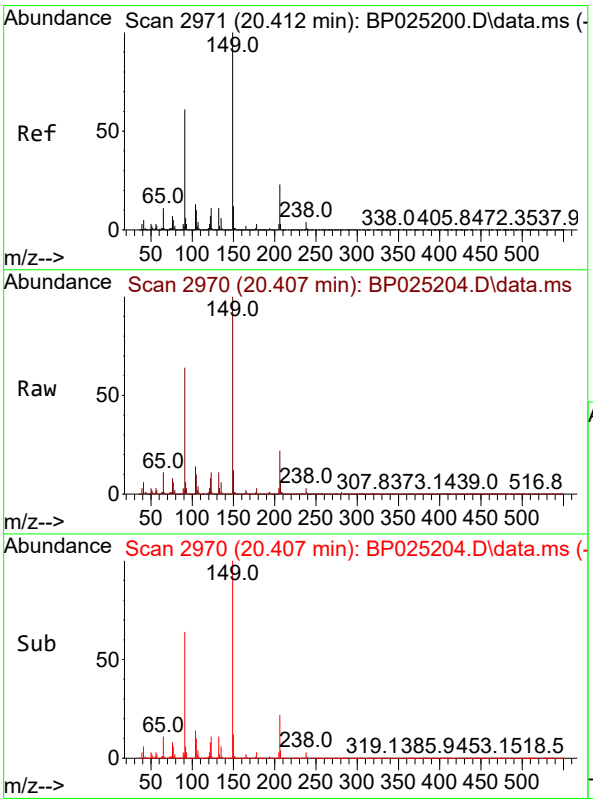
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.6 | 9.8 |
| 122 | 12.2 | 10.3 | 15.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

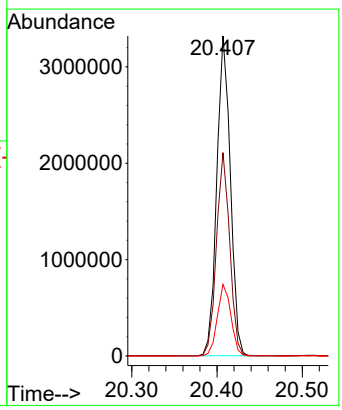
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

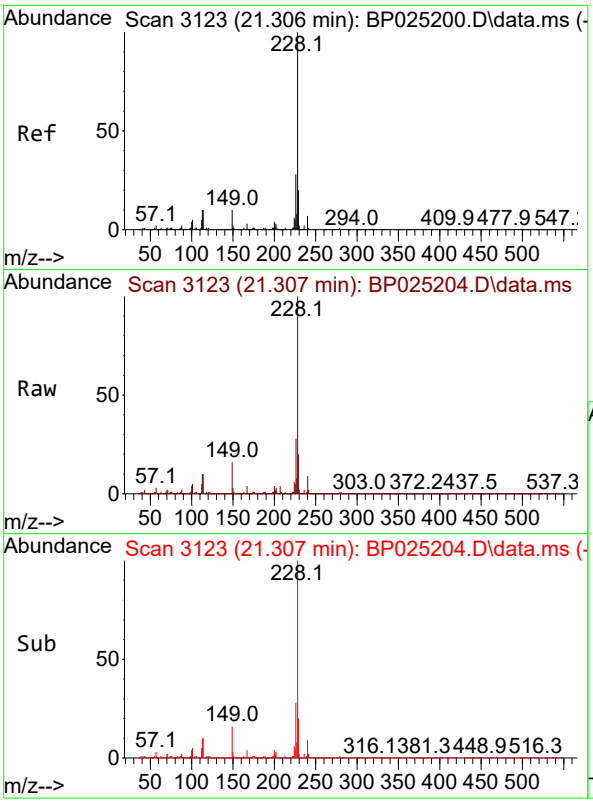



#80
Butylbenzylphthalate
Concen: 45.188 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 3669353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.6 | 48.8 | 73.2 |
| 206 | 22.4 | 18.4 | 27.6 |

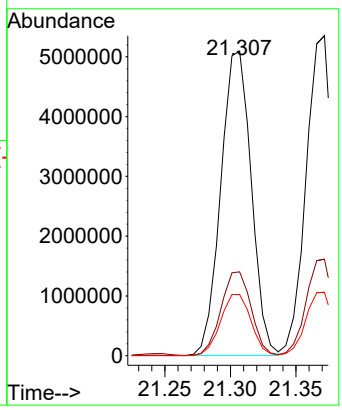





#81
Benzo(a)anthracene
Concen: 44.767 ng
RT: 21.307 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 822503

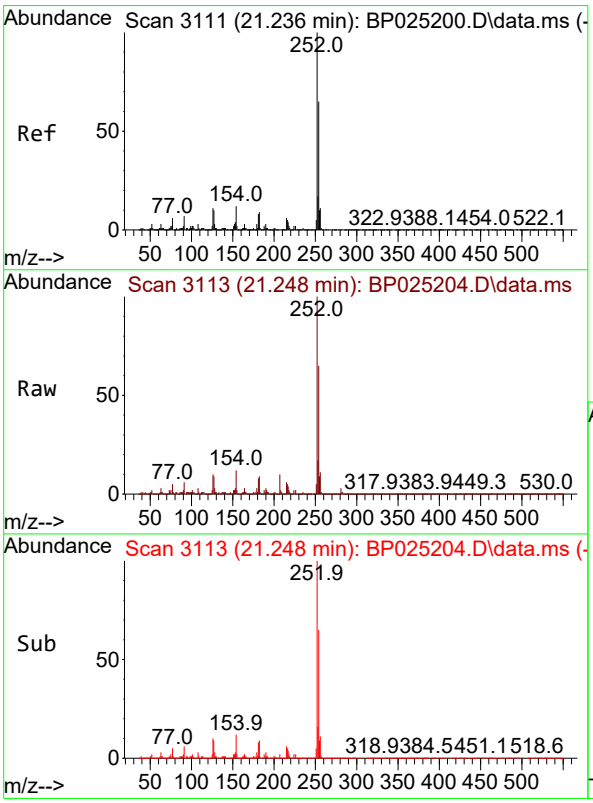
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.3 | 33.5 |
| 229 | 20.1 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

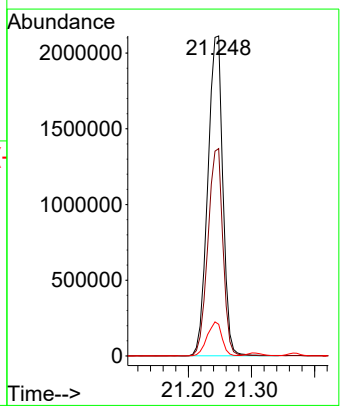
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

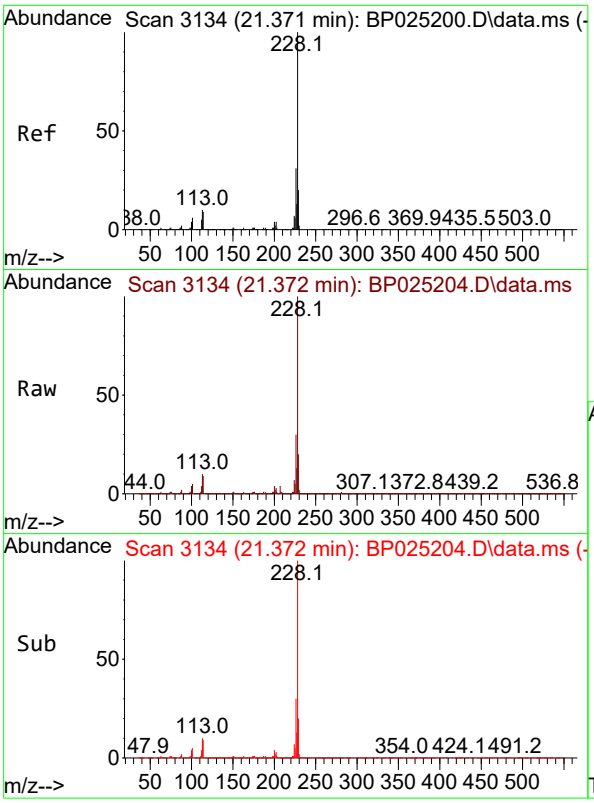



#82
3,3'-Dichlorobenzidine
Concen: 45.857 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 3492411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 52.1 | 78.1 |
| 126 | 9.9 | 8.6 | 12.8 |

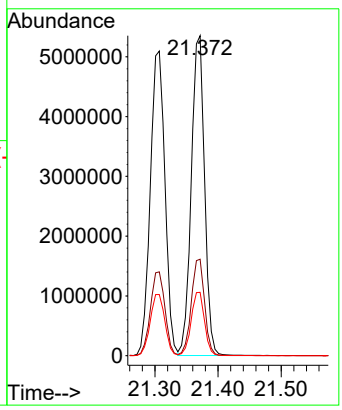





#83
Chrysene
Concen: 45.539 ng
RT: 21.372 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:228 Resp: 781032

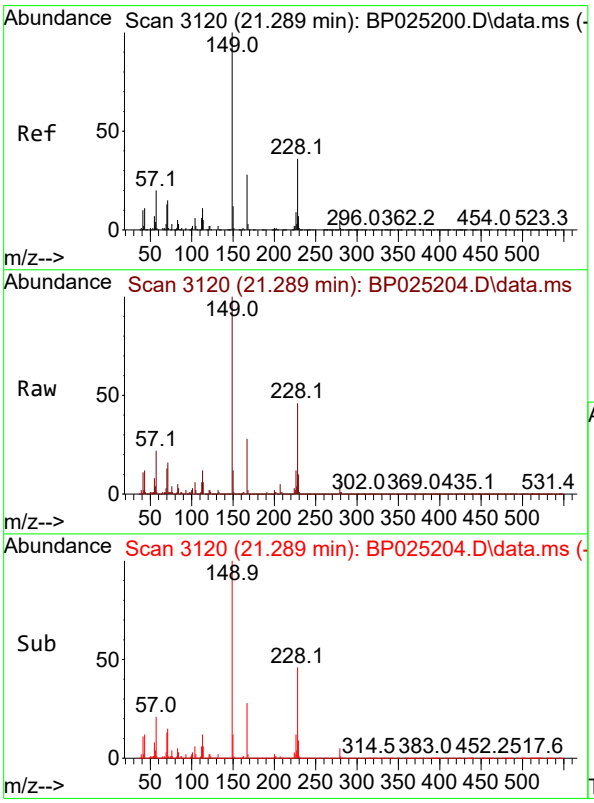
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.6 | 37.0 |
| 229 | 19.8 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

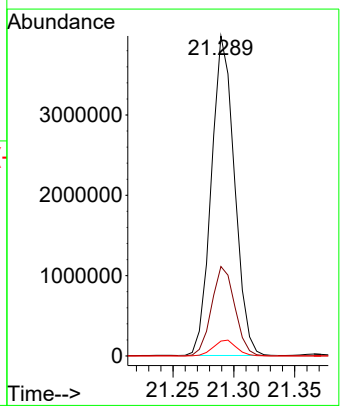
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

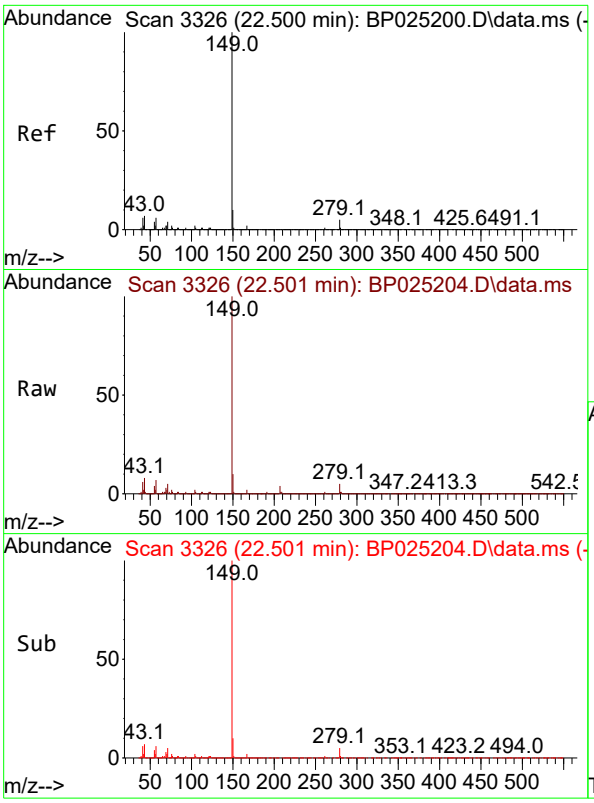



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 5264917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |

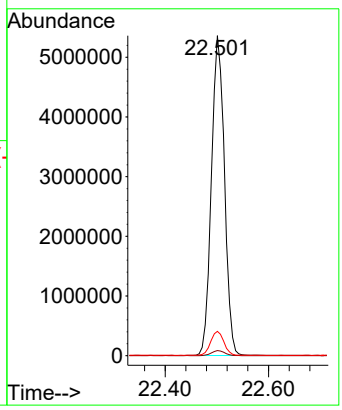





#85
Di-n-octyl phthalate
Concen: 46.799 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 938333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.5 | 6.1 | 9.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

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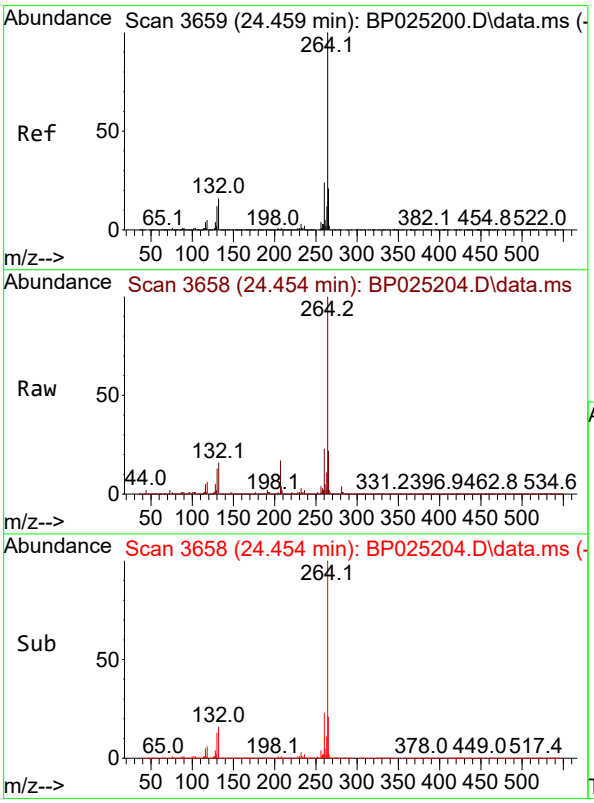
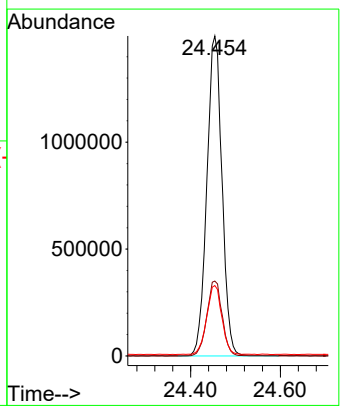
Supervised By :Jagrut Upadhyay 07/22/2025

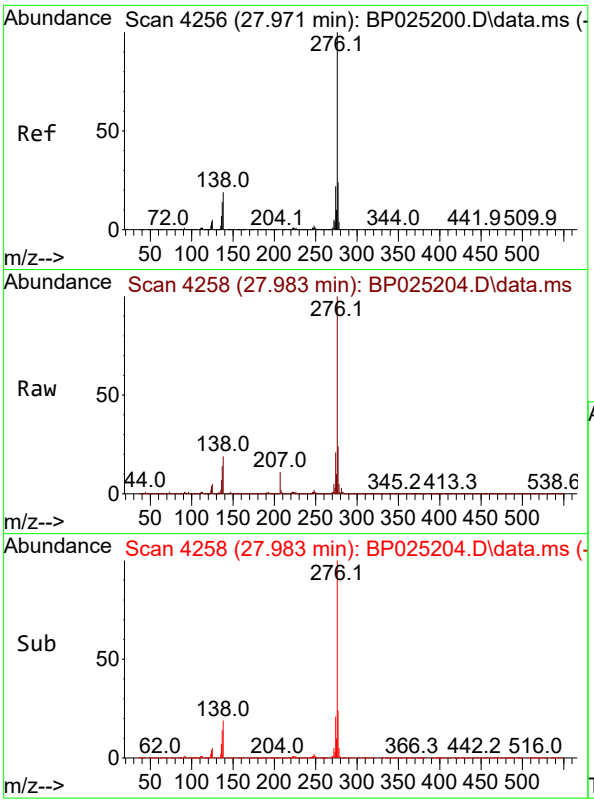



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:264 Resp: 3512838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |

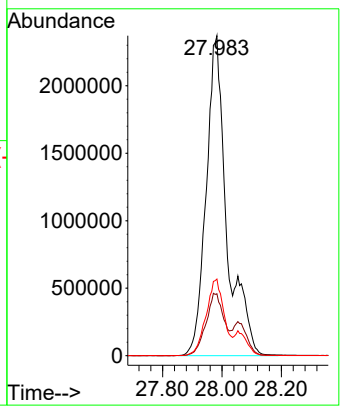





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.760 ng m
RT: 27.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp:1149024

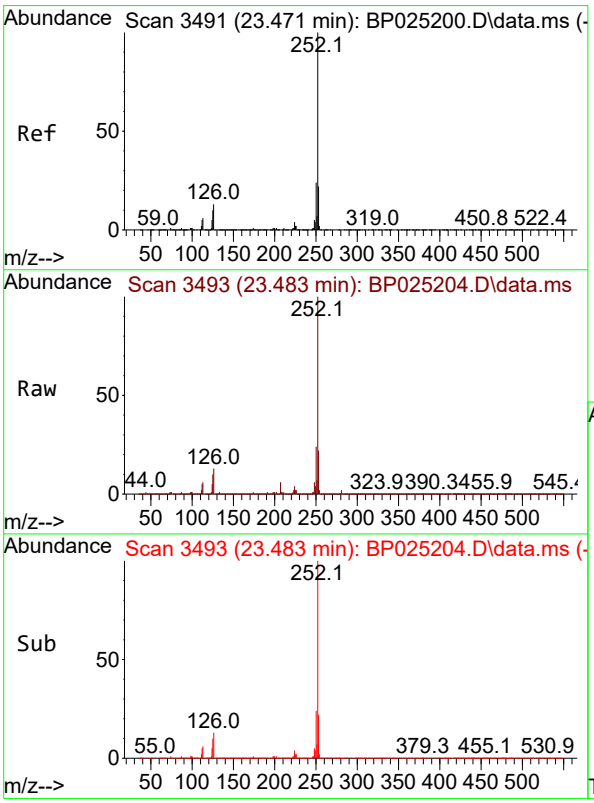
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.8 | 12.8 | 19.2 |
| 277 | 20.8 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

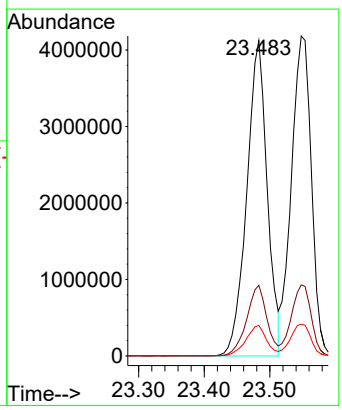
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

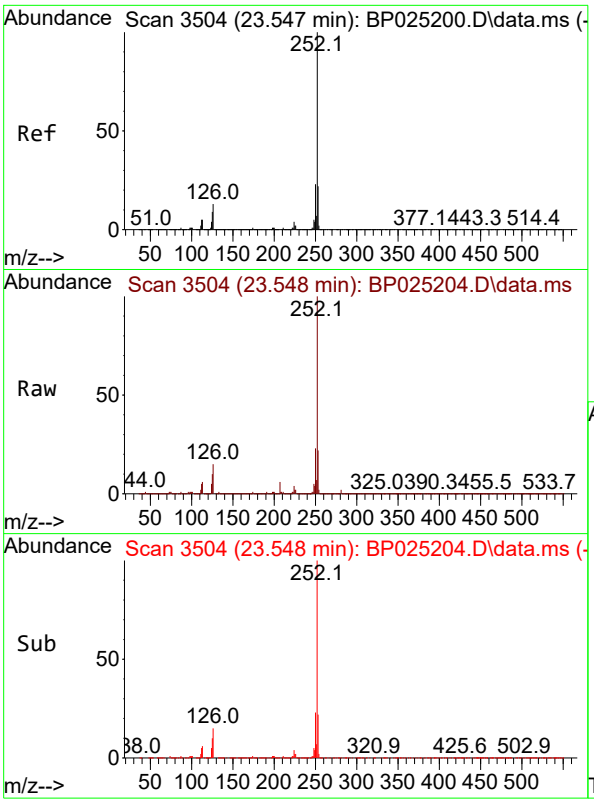



#88
Benzo(b)fluoranthene
Concen: 44.450 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8937938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 9.7 | 7.8 | 11.8 |

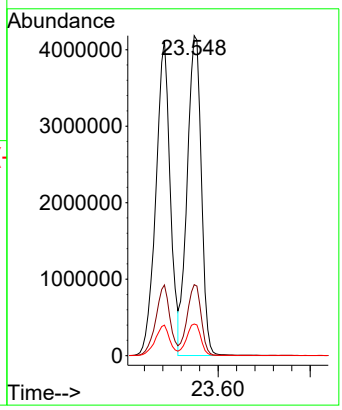





#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 887335

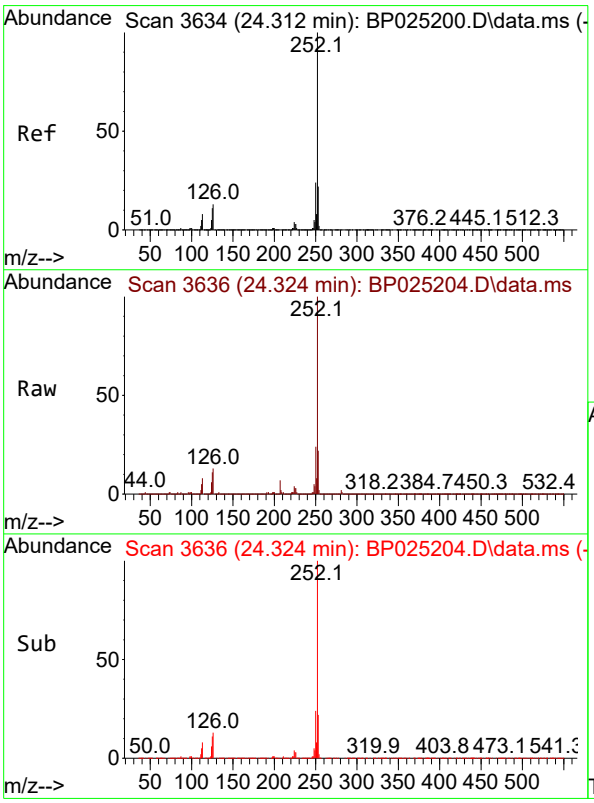
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.9 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

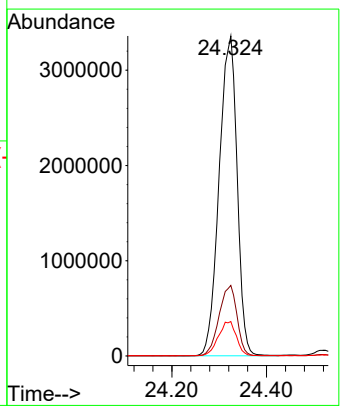
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

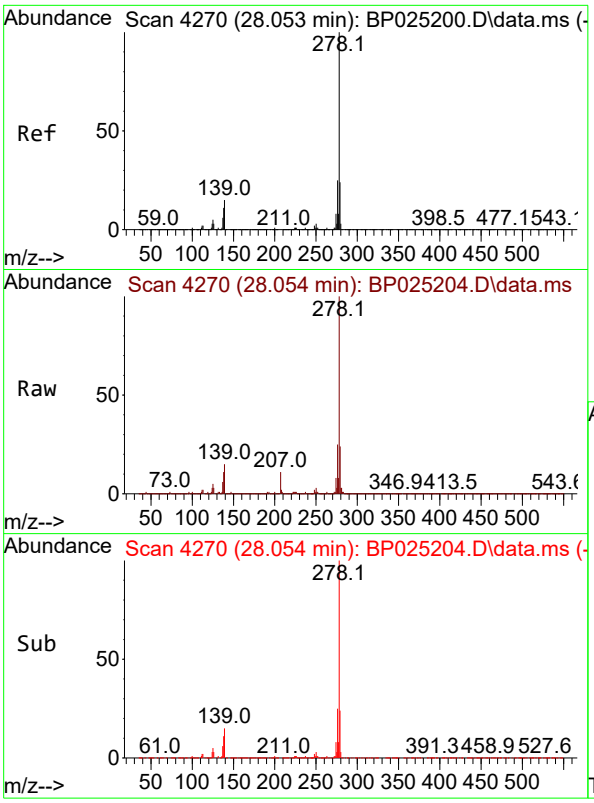



#90
Benzo(a)pyrene
Concen: 45.040 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8836252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.7 | 8.6 | 12.8 |

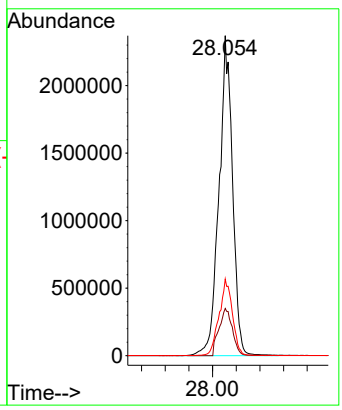





#91
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 28.054 min Scan# 4
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:278 Resp: 939684

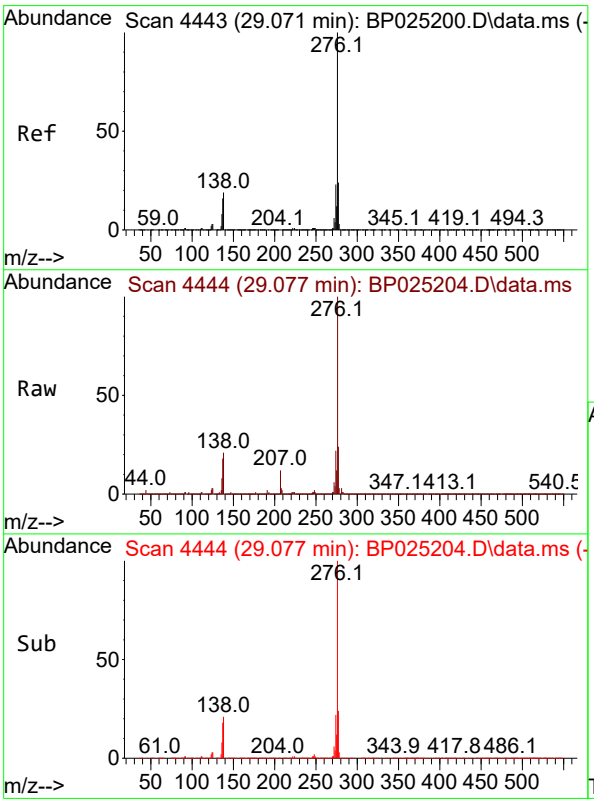
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 12.0 | 18.0 |
| 279 | 23.9 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

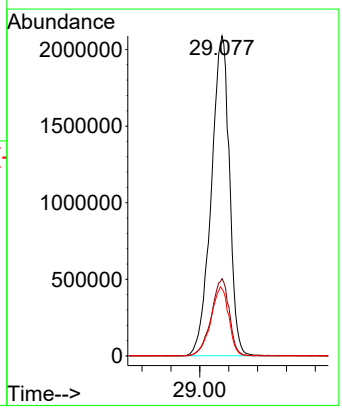
Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025




#92
Benzo(g,h,i)perylene
Concen: 44.298 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp: 9117542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.2 | 28.8 |
| 138 | 20.9 | 15.4 | 23.2 |



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Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 73 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.480 | -8.1 | 82 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.345 | -13.2 | 85 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.533 | -13.2 | 83 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.256 | -6.1 | 79 | 0.00 |
| 6 | | Aniline | 1.916 | 2.151 | -12.3 | 82 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.557 | -6.2 | 78 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.517 | -13.0 | 83 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 1.033 | -3.9 | 68 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.706 | -12.2 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.313 | -12.6 | 83 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.691 | -12.0 | 83 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.714 | -12.4 | 83 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.651 | -12.5 | 83 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.197 | -13.2 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.676 | -12.4 | 83 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.196 | -13.5 | 83 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.593 | -13.2 | 84 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 1.006 | -14.1 | 83 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.627 | -13.1 | 83 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.536 | -15.3 | 84 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.358 | 0.6 | 72 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.370 | -15.3 | 83 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.717 | -13.3 | 82 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.213 | -15.8 | 82 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.352 | -14.3 | 82 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.450 | -13.6 | 83 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.361 | -13.9 | 82 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.389 | -12.4 | 82 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.145 | -11.9 | 81 | -0.01 |
| 32 | | Benzoic acid | 0.235 | 0.278 | -18.3 | 84 | -0.02 |
| 33 | | 4-Chloroaniline | 0.450 | 0.511 | -13.6 | 83 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.231 | -11.1 | 81 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.119 | -13.3 | 84 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.363 | -14.5 | 84 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.737 | -10.8 | 81 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.787 | -12.8 | 82 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.685 | -14.4 | 83 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.434 | -21.2 | 88 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.319 | -8.1 | 80 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.467 | -13.9 | 82 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.508 | -12.6 | 81 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.442 | -1.6 | 74 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.646 | -13.5 | 83 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.275 | -12.6 | 83 | 0.01 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.334 | -15.6 | 83 | 0.00 |
| 49 | | Acenaphthylene | 1.831 | 2.112 | -15.3 | 84 | 0.00 |
| 50 | | Dimethylphthalate | 1.430 | 1.600 | -11.9 | 83 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.359 | -15.4 | 83 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.204 | -13.7 | 84 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.402 | -14.9 | 84 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.215 | -16.8 | 86 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.961 | -14.7 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.347 | -15.7 | 86 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.510 | -17.2 | 84 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.556 | -14.6 | 84 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.456 | -14.3 | 84 | 0.00 |
| 60 | | Diethylphthalate | 1.410 | 1.580 | -12.1 | 82 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.777 | -13.3 | 83 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.412 | -15.7 | 85 | 0.00 |
| 63 | | Azobenzene | 1.149 | 1.314 | -14.4 | 84 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 74 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.151 | -17.1 | 85 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.684 | -12.7 | 85 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.257 | -10.3 | 82 | 0.00 |
| 68 | | Hexachlorobenzene | 0.277 | 0.311 | -12.3 | 82 | 0.00 |
| 69 | | Atrazine | 0.225 | 0.256 | -13.8 | 86 | 0.00 |
| 70 | C | Pentachlorophenol | 0.188 | 0.215 | -14.4 | 84 | 0.00 |
| 71 | | Phenanthrene | 1.079 | 1.231 | -14.1 | 86 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.248 | -14.8 | 86 | 0.00 |
| 73 | | Carbazole | 1.037 | 1.186 | -14.4 | 86 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.407 | -17.5 | 86 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.471 | -15.8 | 87 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.00 |
| 77 | | Benzidine | 0.702 | 0.877 | -24.9 | 82 | 0.00 |
| 78 | | Pyrene | 1.233 | 1.423 | -15.4 | 89 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.013 | 0.994 | 1.9 | 88 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.631 | -13.1 | 88 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.414 | -12.0 | 90 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.600 | -14.5 | 93 | 0.01 |
| 83 | | Chrysene | 1.179 | 1.342 | -13.8 | 92 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.905 | -13.4 | 89 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.613 | -17.1 | 92 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.635 | -11.8 | 93 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.272 | -11.1 | 91 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.263 | -11.8 | 90 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.258 | -12.6 | 92 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.338 | -12.2 | 92 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.298 | -10.8 | 91 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev Area% | Dev(min) |
|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 73 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 43.294 | -8.2 | 82 | 0.00 |
| 3 | | Pyridine | 40.000 | 45.312 | -13.3 | 85 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 45.271 | -13.2 | 83 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 84.913 | -6.1 | 79 | 0.00 |
| 6 | | Aniline | 40.000 | 44.906 | -12.3 | 82 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 84.951 | -6.2 | 78 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 45.173 | -12.9 | 83 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 41.579 | -3.9 | 68 | 0.00 |
| 10 | C | Phenol | 40.000 | 44.894 | -12.2 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 45.044 | -12.6 | 83 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 44.791 | -12.0 | 83 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 44.972 | -12.4 | 83 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 45.020 | -12.6 | 83 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 45.260 | -13.1 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 44.953 | -12.4 | 83 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 45.385 | -13.5 | 83 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 45.213 | -13.0 | 84 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 45.622 | -14.1 | 83 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 45.254 | -13.1 | 83 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 40.000 | 46.041 | -15.1 | 84 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.573 | 0.5 | 72 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 46.187 | -15.5 | 83 | 0.00 |
| 25 | | Isophorone | 40.000 | 45.319 | -13.3 | 82 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 46.272 | -15.7 | 82 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 45.737 | -14.3 | 82 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 45.503 | -13.8 | 83 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 45.622 | -14.1 | 82 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 44.986 | -12.5 | 82 | 0.00 |
| 31 | | Naphthalene | 40.000 | 44.759 | -11.9 | 81 | -0.01 |
| 32 | | Benzoic acid | 40.000 | 47.203 | -18.0 | 84 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 45.428 | -13.6 | 83 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 44.380 | -11.0 | 81 | 0.00 |
| 35 | | Caprolactam | 40.000 | 45.393 | -13.5 | 84 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 45.907 | -14.8 | 84 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 44.372 | -10.9 | 81 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 45.095 | -12.7 | 82 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 45.726 | -14.3 | 83 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 48.517 | -21.3 | 88 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 86.546 | -8.2 | 80 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 45.567 | -13.9 | 82 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 45.080 | -12.7 | 81 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 81.308 | -1.6 | 74 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 45.416 | -13.5 | 83 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 45.062 | -12.7 | 83 | 0.01 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 46.176 | -15.4 | 83 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 46.141 | -15.4 | 84 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 44.753 | -11.9 | 83 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 46.230 | -15.6 | 83 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 45.507 | -13.8 | 84 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 45.931 | -14.8 | 84 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 46.791 | -17.0 | 86 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 45.869 | -14.7 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 46.237 | -15.6 | 86 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 46.930 | -17.3 | 84 | 0.00 |
| 58 | | Fluorene | 40.000 | 45.851 | -14.6 | 84 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 45.744 | -14.4 | 84 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 44.844 | -12.1 | 82 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 45.300 | -13.2 | 83 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 46.208 | -15.5 | 85 | 0.00 |
| 63 | | Azobenzene | 40.000 | 45.735 | -14.3 | 84 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 74 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 46.654 | -16.6 | 85 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 45.067 | -12.7 | 85 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 44.020 | -10.1 | 82 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 44.819 | -12.0 | 82 | 0.00 |
| 69 | | Atrazine | 40.000 | 45.593 | -14.0 | 86 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 45.651 | -14.1 | 84 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 45.655 | -14.1 | 86 | 0.00 |
| 72 | | Anthracene | 40.000 | 45.942 | -14.9 | 86 | 0.00 |
| 73 | | Carbazole | 40.000 | 45.725 | -14.3 | 86 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 47.030 | -17.6 | 86 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 46.353 | -15.9 | 87 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 77 | | Benzidine | 40.000 | 49.969 | -24.9 | 82 | 0.00 |
| 78 | | Pyrene | 40.000 | 46.157 | -15.4 | 89 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.518 | 1.9 | 88 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 45.188 | -13.0 | 88 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 44.767 | -11.9 | 90 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 45.857 | -14.6 | 93 | 0.01 |
| 83 | | Chrysene | 40.000 | 45.539 | -13.8 | 92 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 45.344 | -13.4 | 89 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 46.799 | -17.0 | 92 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 44.760 | -11.9 | 93 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 44.450 | -11.1 | 91 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 44.700 | -11.8 | 90 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 45.040 | -12.6 | 92 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 44.867 | -12.2 | 92 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 44.298 | -10.7 | 91 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 08:46

Lab File ID: BF143177.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.264 | 1.232 | | -2.5 | |
| Phenol-d6 | 1.591 | 1.553 | | -2.4 | |
| Nitrobenzene-d5 | 0.401 | 0.400 | | -0.2 | |
| Naphthalene | 0.985 | 0.952 | | -3.3 | |
| 2-Methylnaphthalene | 0.599 | 0.584 | | -2.5 | |
| 2-Fluorobiphenyl | 1.462 | 1.361 | | -6.9 | |
| Acenaphthylene | 1.935 | 1.864 | | -3.7 | |
| Acenaphthene | 1.144 | 1.105 | | -3.4 | 20.0 |
| Fluorene | 1.274 | 1.229 | | -3.5 | |
| 2,4,6-Tribromophenol | 0.207 | 0.215 | | 3.9 | |
| Phenanthrene | 1.062 | 1.023 | | -3.7 | |
| Anthracene | 1.083 | 1.044 | | -3.6 | |
| Fluoranthene | 0.975 | 1.003 | | 2.9 | 20.0 |
| Pyrene | 1.707 | 1.892 | | 10.8 | |
| Terphenyl-d14 | 1.344 | 1.450 | | 7.9 | |
| Benzo(a)anthracene | 1.339 | 1.294 | | -3.4 | |
| Chrysene | 1.204 | 1.190 | | -1.2 | |
| Benzo(b)fluoranthene | 1.222 | 1.268 | | 3.8 | |
| Benzo(k)fluoranthene | 1.090 | 0.989 | | -9.3 | |
| Benzo(a)pyrene | 1.126 | 1.116 | | -0.9 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.410 | 1.410 | | 0.0 | |
| Dibenzo(a,h)anthracene | 1.148 | 1.153 | | 0.4 | |
| Benzo(g,h,i)perylene | 1.110 | 1.136 | | 2.3 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 137586 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 540273 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 287067 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 481775 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 251217 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 256275 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 677807 | 77.959 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 854417 | 78.075 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 865138 | 79.820 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 246542 | 83.135 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1563287 | 74.477 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1456637 | 86.285 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 160989 | 39.132 | ng | | 99 |
| 3) Pyridine | 3.593 | 79 | 412780 | 38.657 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 217539 | 39.459 | ng | | 100 |
| 6) Aniline | 6.628 | 93 | 597655 | 39.186 | ng | | 99 |
| 8) 2-Chlorophenol | 6.751 | 128 | 362170 | 39.740 | ng | | 97 |
| 9) Benzaldehyde | 6.522 | 77 | 1059534 | 129.116 | ng | | 98 |
| 10) Phenol | 6.598 | 94 | 494165 | 41.450 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 355973 | 38.997 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 386885 | 39.079 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 392969 | 39.415 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 374905 | 39.536 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 336956 | 40.325 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 670842 | 39.617 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 304327 | 39.715 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 139222 | 40.337 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 272545 | 38.818 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 379841 | 40.856 | ng | # | 84 |
| 22) Acetophenone | 7.369 | 105 | 488181 | 38.166 | ng | | 98 |
| 24) Nitrobenzene | 7.545 | 77 | 403502 | 39.931 | ng | | 100 |
| 25) Isophorone | 7.781 | 82 | 753928 | 39.403 | ng | | 100 |
| 26) 2-Nitrophenol | 7.857 | 139 | 186034 | 42.420 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 348982 | 39.039 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 444443 | 38.742 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 296155 | 39.284 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 314359 | 38.597 | ng | | 100 |
| 31) Naphthalene | 8.269 | 128 | 1028678 | 38.661 | ng | | 100 |
| 32) Benzoic acid | 7.992 | 122 | 210097 | 42.399 | ng | | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 426934 | 39.296 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 193031 | 38.797 | ng | | 98 |
| 35) Caprolactam | 8.681 | 113 | 99092 | 43.497 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 328015 | 40.031 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 630618 | 38.948 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 657714 | 39.448 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 311045 | 37.530 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 209543 | 38.857 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 222071 | 38.716 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

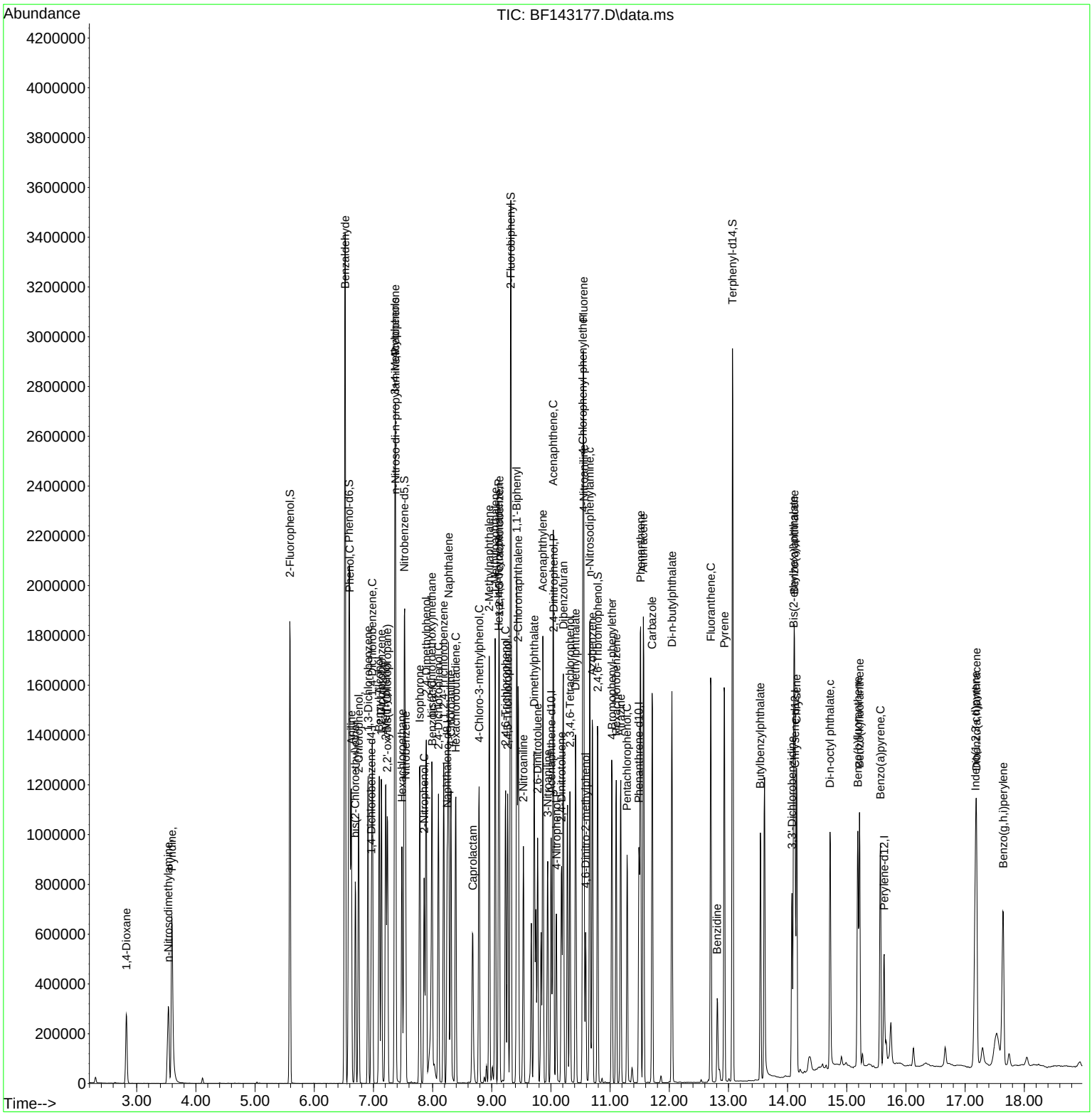
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 227262 | 39.609 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 852399 | 38.059 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 630848 | 38.067 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 219714 | 42.277 | ng | 98 |
| 49) Acenaphthylene | 9.863 | 152 | 1070369 | 38.541 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 739129 | 39.501 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 163183 | 42.869 | ng | 99 |
| 52) Acenaphthene | 10.039 | 154 | 634518 | 38.656 | ng | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 182622 | 41.017 | ng | 99 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 68517 | 43.071 | ng | 74 |
| 55) Dibenzofuran | 10.210 | 168 | 942628 | 38.679 | ng | 99 |
| 56) 4-Nitrophenol | 10.092 | 139 | 136348 | 41.010 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 208497 | 43.658 | ng | 95 |
| 58) Fluorene | 10.551 | 166 | 705686 | 38.582 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 195488 | 41.130 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 745293 | 40.297 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 355248 | 39.006 | ng | 98 |
| 62) 4-Nitroaniline | 10.557 | 138 | 160383 | 42.030 | ng | 99 |
| 63) Azobenzene | 10.698 | 77 | 770158 | 39.955 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 100286 | 40.643 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 647888 | 38.190 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 217849 | 37.943 | ng | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 228054 | 38.002 | ng | 99 |
| 69) Atrazine | 11.180 | 200 | 194126 | 41.506 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 146798 | 41.596 | ng | 99 |
| 71) Phenanthrene | 11.516 | 178 | 986033 | 38.546 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1006010 | 38.560 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 905667 | 39.755 | ng | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1085481 | 42.111 | ng | 100 |
| 75) Fluoranthene | 12.704 | 202 | 966154 | 41.148 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 218195 | 22.544 | ng | 99 |
| 78) Pyrene | 12.933 | 202 | 950663 | 44.341 | ng | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 311792 | 47.491 | ng | 99 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 650070 | 38.651 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 215912 | 38.517 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 597875 | 39.537 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 414006 | 41.663 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 684937 | 38.026 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.174 | 276 | 722484 | 39.981 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 649846 | 41.508 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.215 | 252 | 507153 | 36.301 | ng | 99 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 571955 | 39.651 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 590913 | 40.175 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 582117 | 40.914 | ng | 99 |

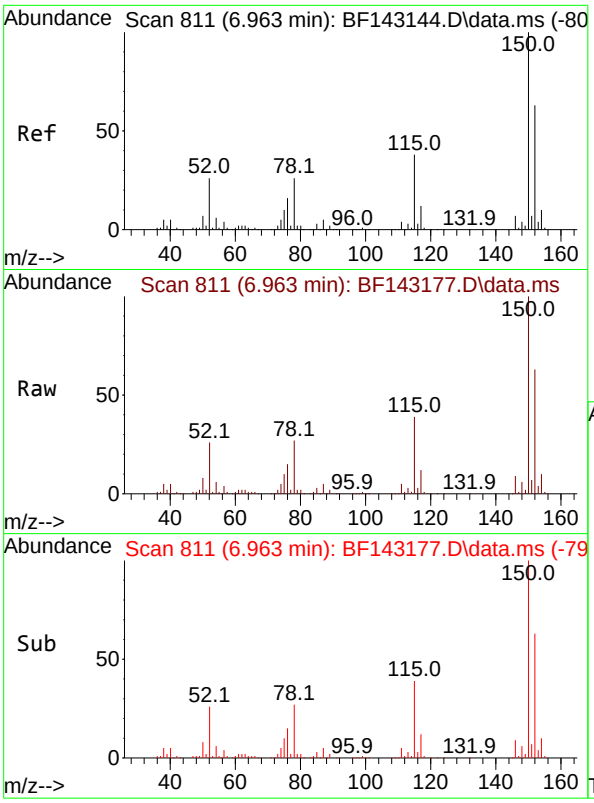
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



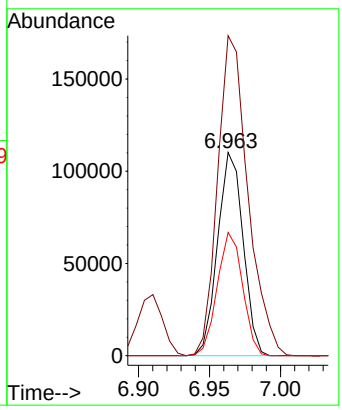


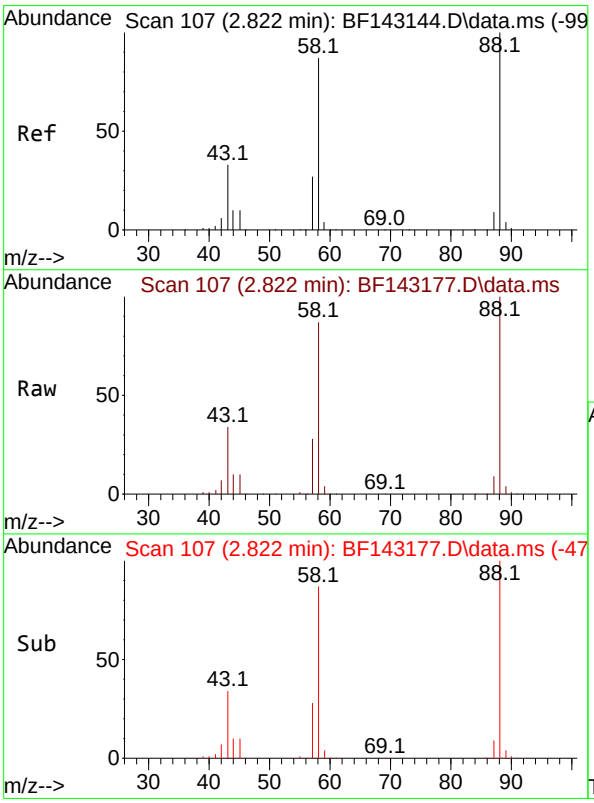

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 137586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 128.2 | 192.4 |
| 115 | 60.6 | 47.9 | 71.9 |

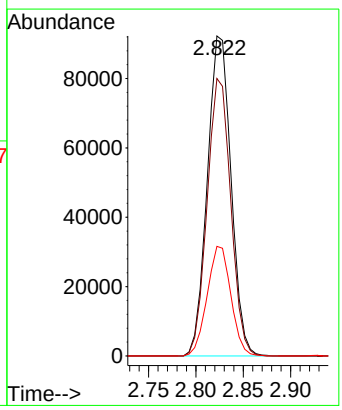


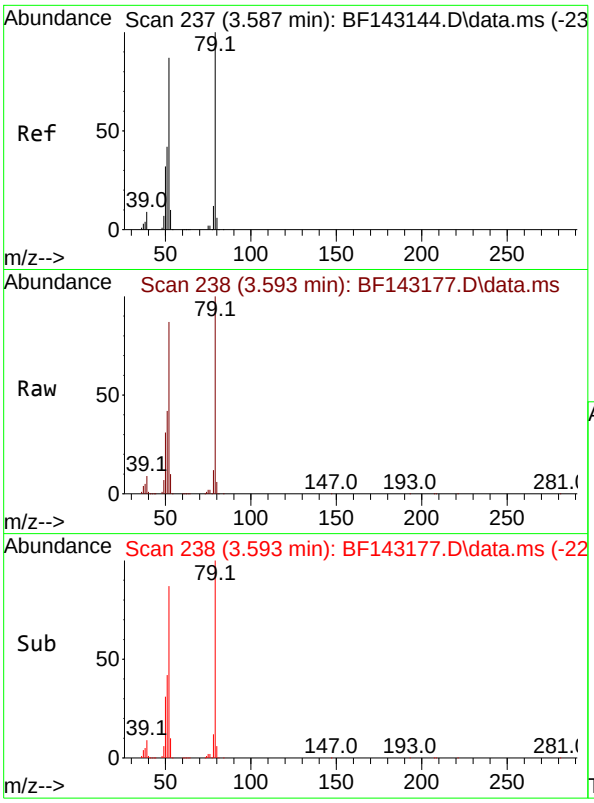




#2
1,4-Dioxane
Concen: 39.132 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 88 Resp: 160989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.2 | 70.2 | 105.2 |
| 43 | 34.3 | 27.1 | 40.7 |



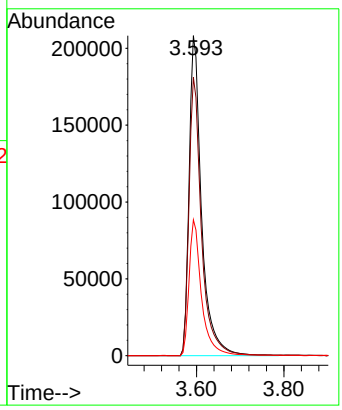


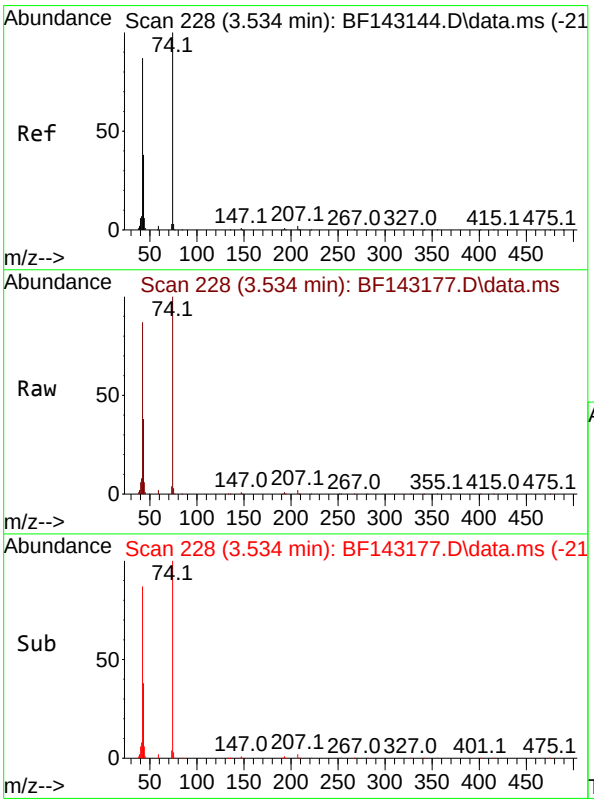

#3
Pyridine
Concen: 38.657 ng
RT: 3.593 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 412780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 87.0 | 69.4 | 104.2 |
| 51 | 42.4 | 33.5 | 50.3 |

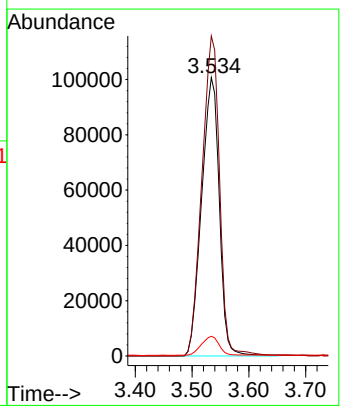


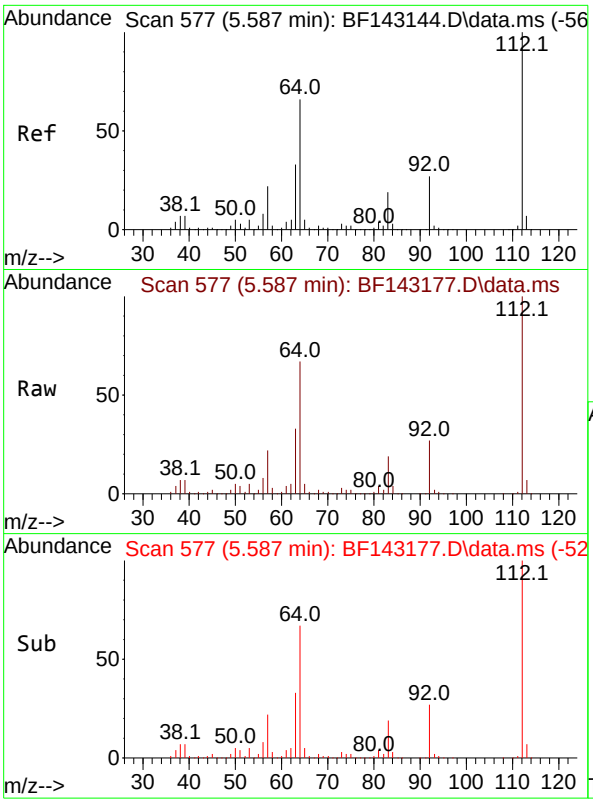




#4
n-Nitrosodimethylamine
Concen: 39.459 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 42 Resp: 217539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.0 | 91.7 | 137.5 |
| 44 | 7.1 | 5.6 | 8.4 |



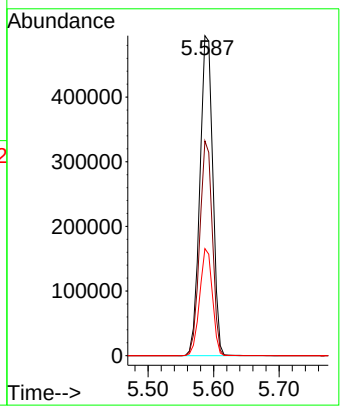


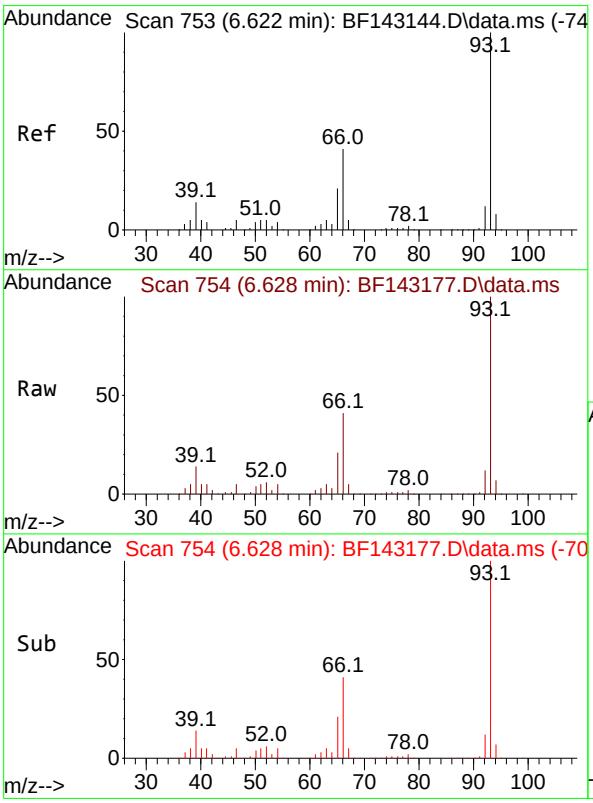

#5
2-Fluorophenol
Concen: 77.959 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 677807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.1 | 53.1 | 79.7 |
| 63 | 33.5 | 26.6 | 40.0 |

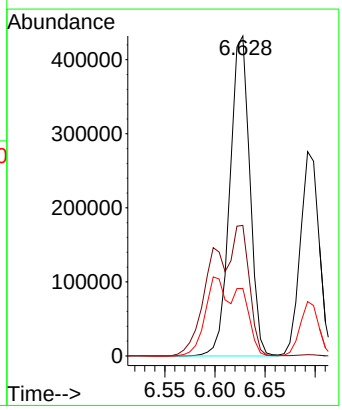


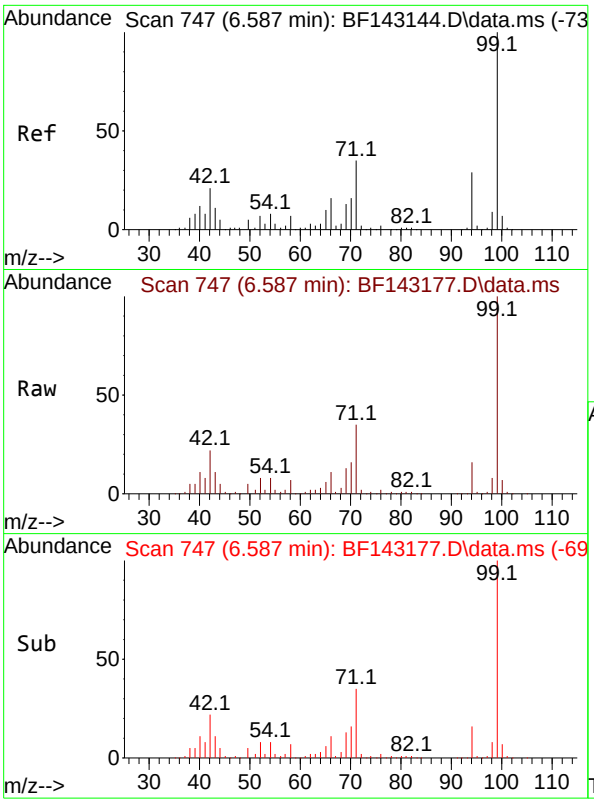




#6
Aniline
Concen: 39.186 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 597655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.8 | 33.2 | 49.8 |
| 65 | 21.1 | 16.9 | 25.3 |



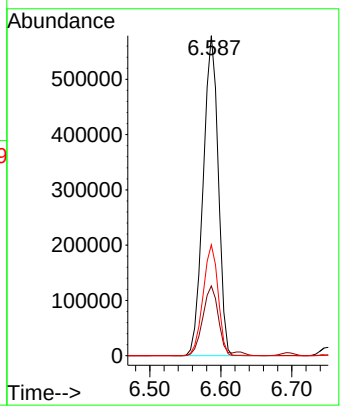


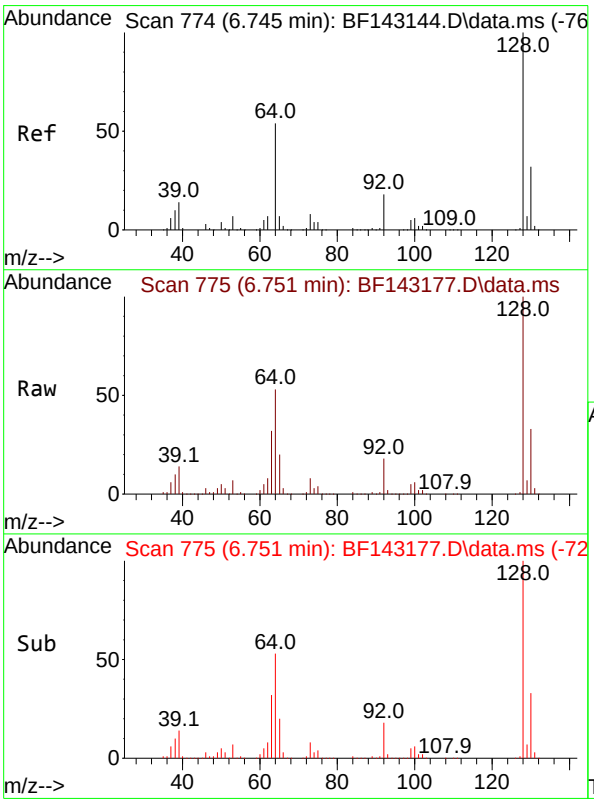

#7
Phenol-d6
Concen: 78.075 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 854417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.8 | 17.0 | 25.6 |
| 71 | 34.7 | 27.7 | 41.5 |

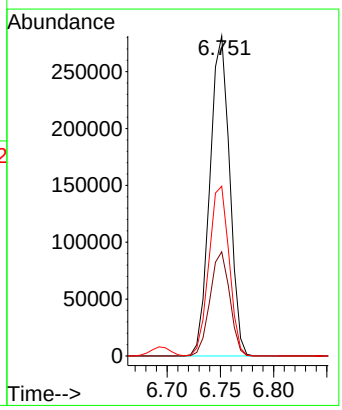


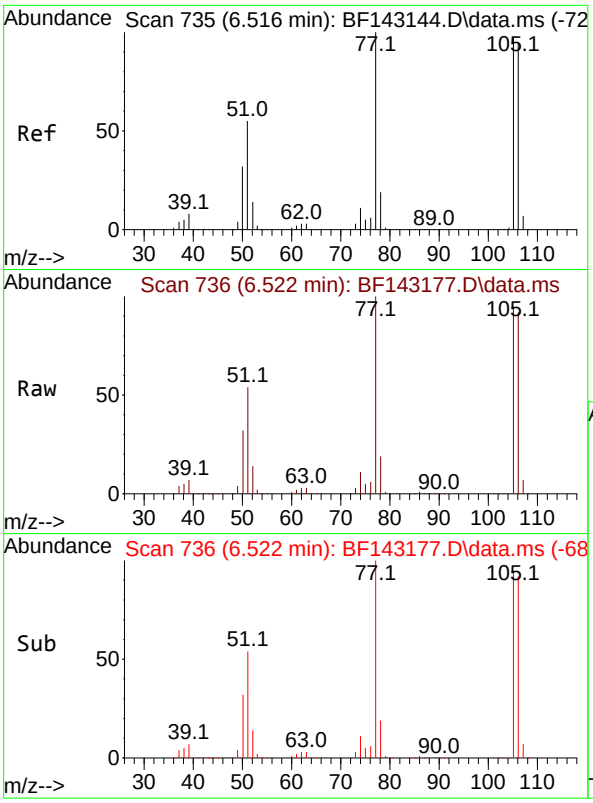




#8
2-Chlorophenol
Concen: 39.740 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:128 Resp: 362170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.3 | 52.3 |
| 64 | 53.1 | 35.9 | 75.9 |



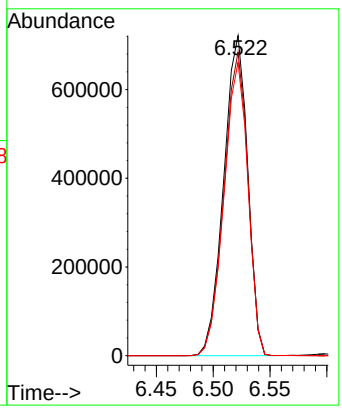


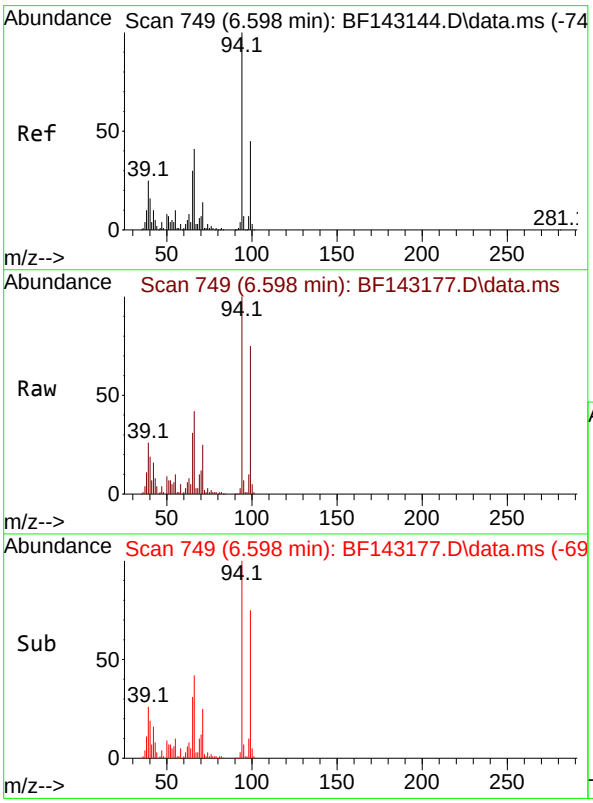

#9
Benzaldehyde
Concen: 129.116 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 1059534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.8 | 76.8 | 116.8 |
| 106 | 91.6 | 74.4 | 114.4 |

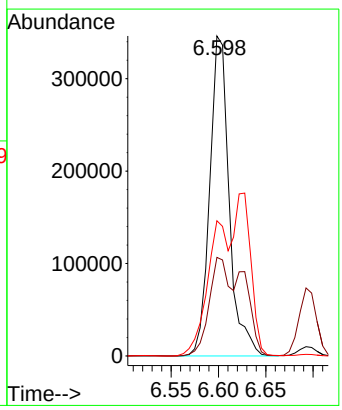


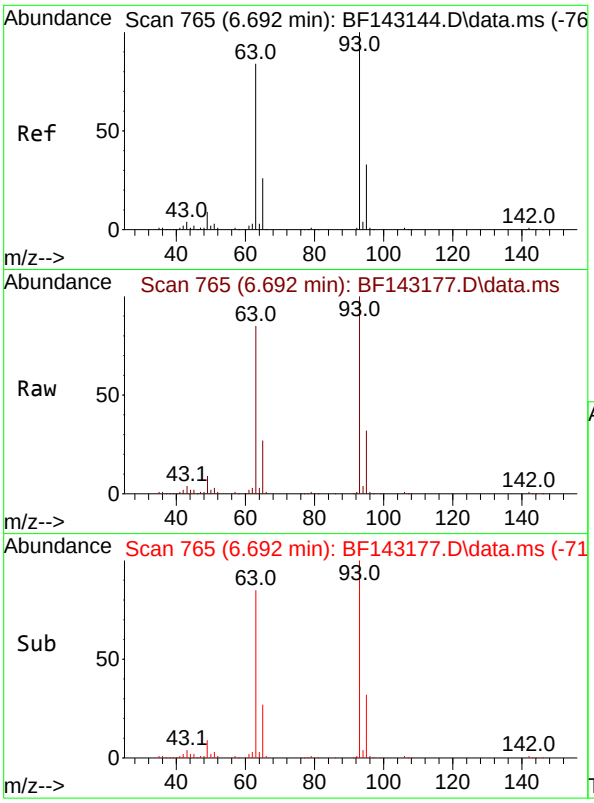




#10
Phenol
Concen: 41.450 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 94 Resp: 494165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.8 | 10.0 | 50.0 |
| 66 | 42.3 | 20.8 | 60.8 |



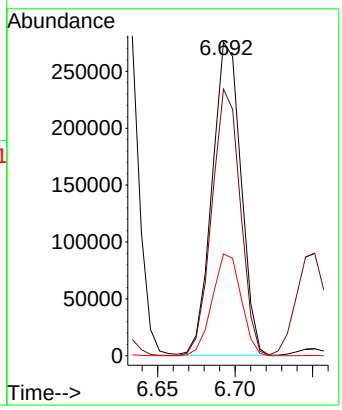


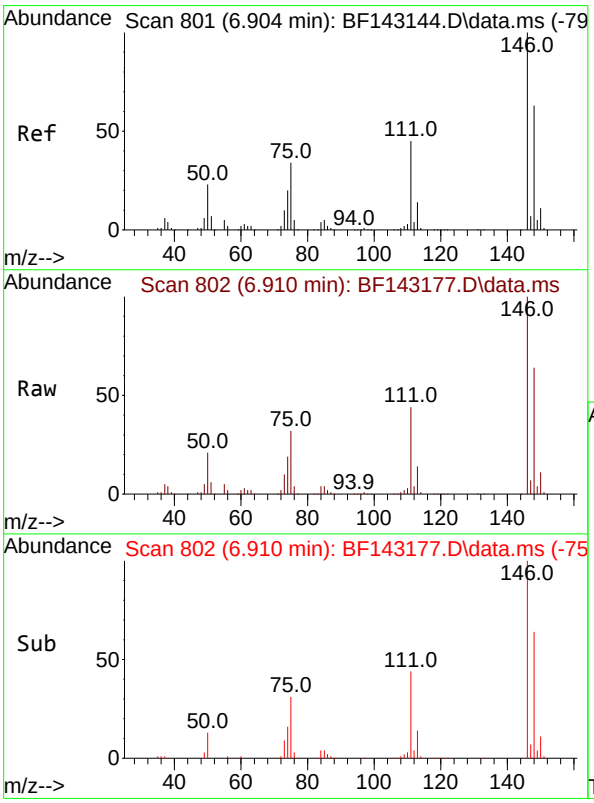

#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 355973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.9 | 63.4 | 103.4 |
| 95 | 32.4 | 12.4 | 52.4 |

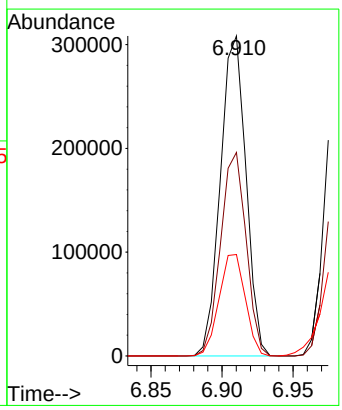


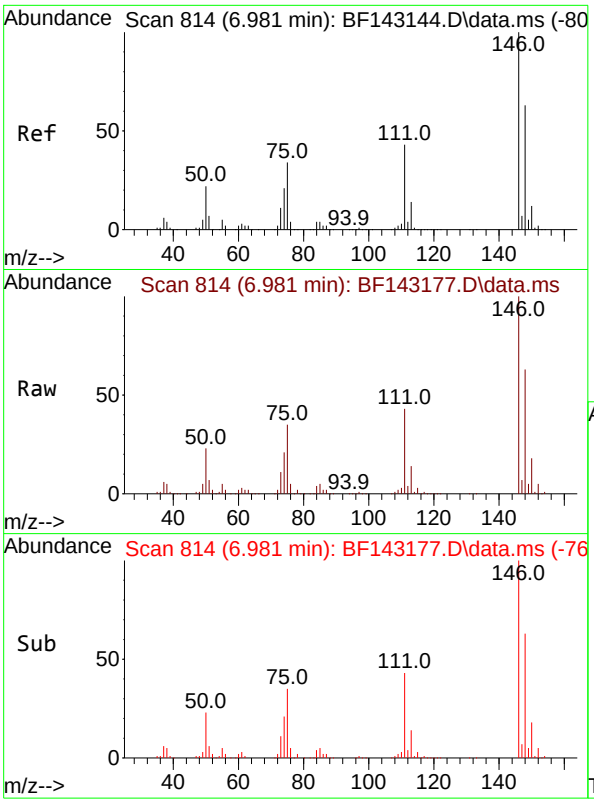




#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 386885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.6 | 76.0 |
| 75 | 31.7 | 27.4 | 41.2 |



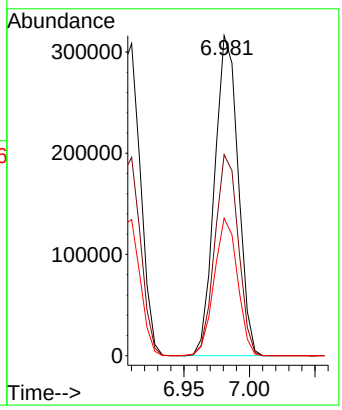


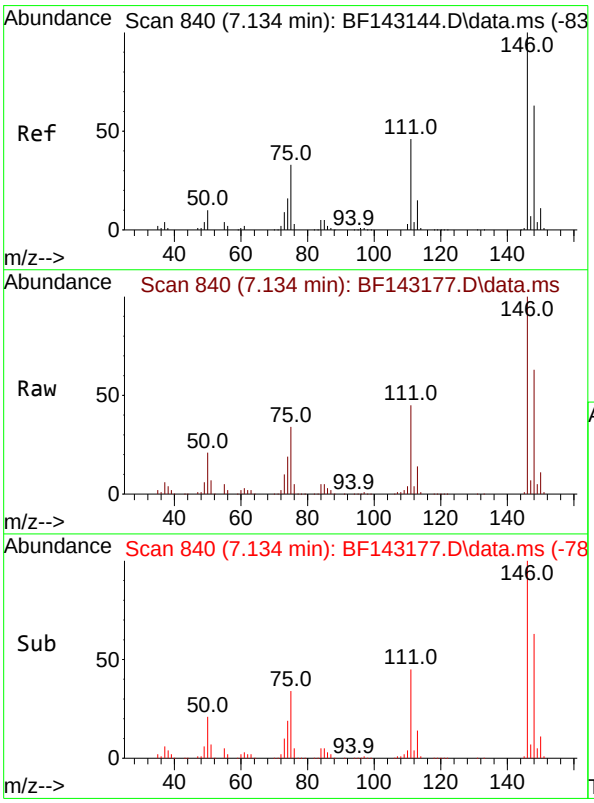

#13
1,4-Dichlorobenzene
Concen: 39.415 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 392969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.3 | 75.5 |
| 111 | 42.9 | 34.4 | 51.6 |

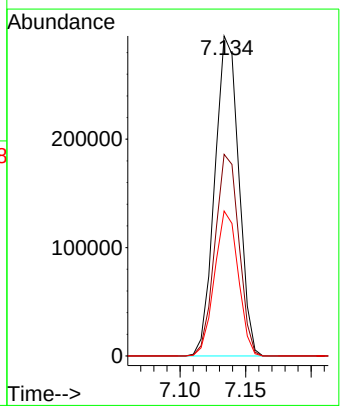


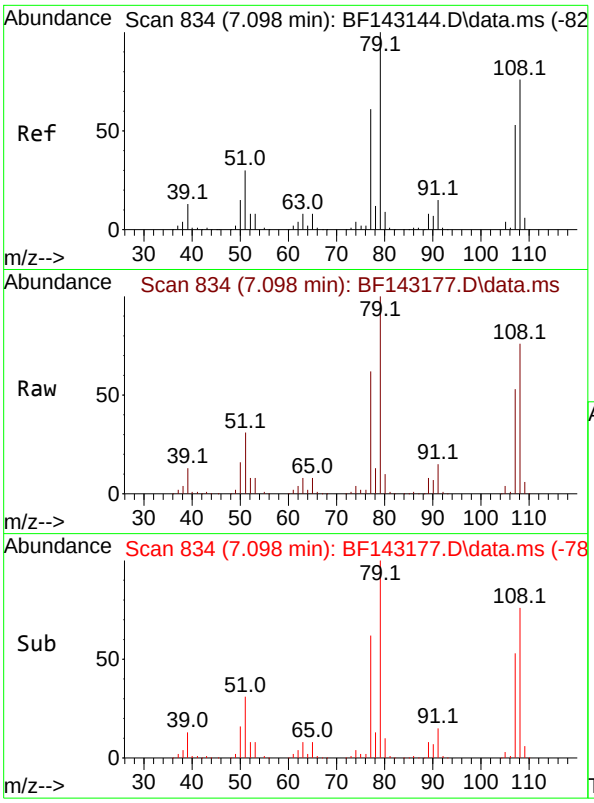




#14
1,2-Dichlorobenzene
Concen: 39.536 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:146 Resp: 374905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.7 | 76.1 |
| 111 | 45.3 | 36.6 | 54.8 |



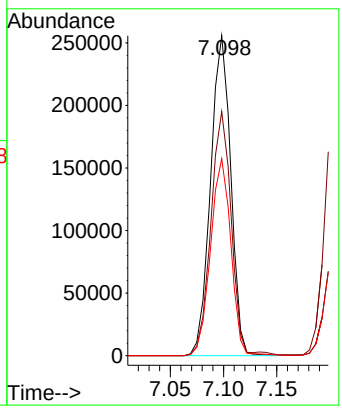


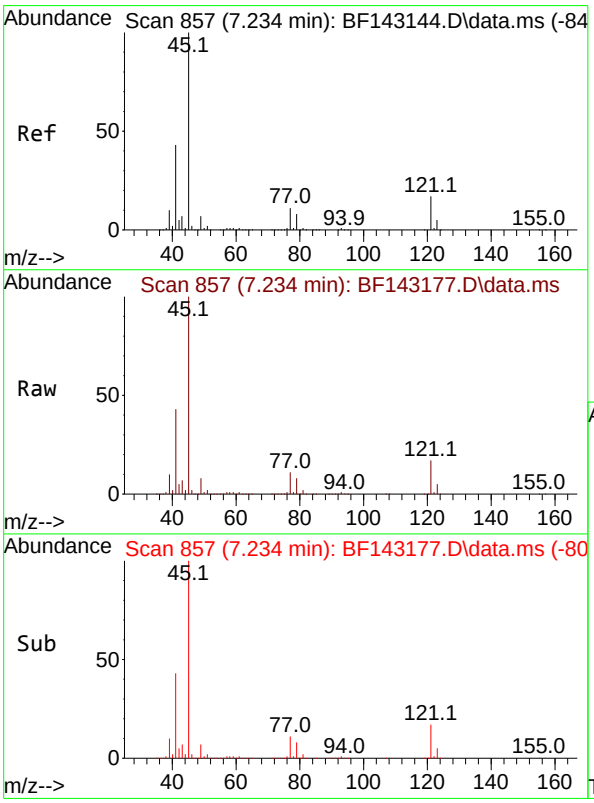

#15
Benzyl Alcohol
Concen: 40.325 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 336956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.3 | 61.1 | 91.7 |
| 77 | 61.6 | 48.9 | 73.3 |

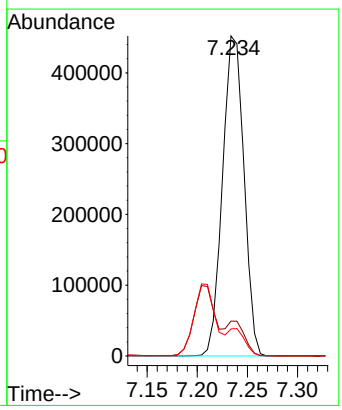


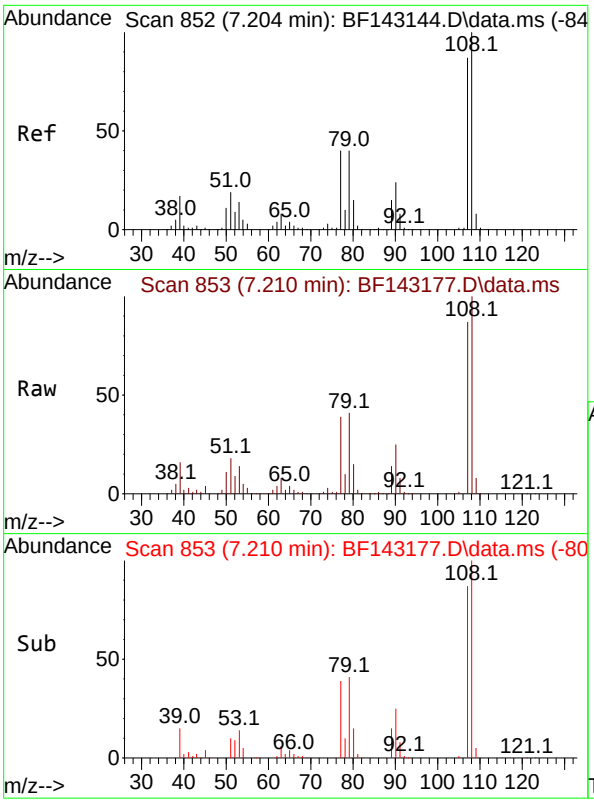




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.617 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 45 Resp: 670842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.9 | 0.0 | 31.2 |
| 79 | 8.4 | 0.0 | 28.5 |



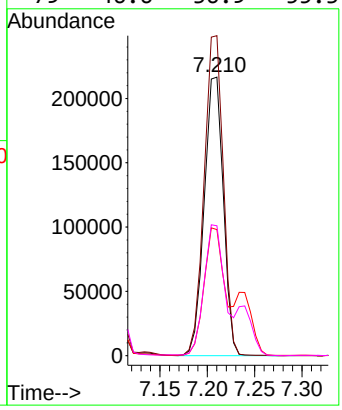


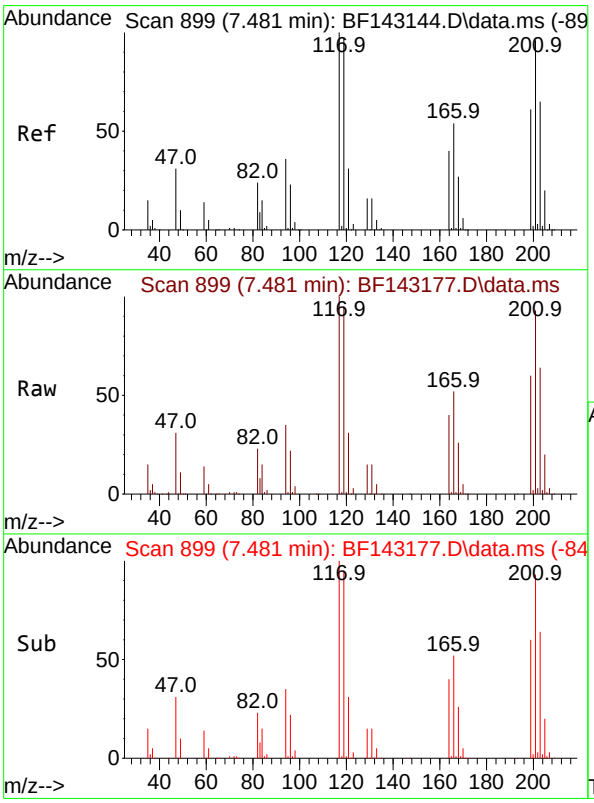

#17
2-Methylphenol
Concen: 39.715 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 304327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.9 | 91.8 | 137.6 |
| 77 | 45.3 | 37.0 | 55.6 |
| 79 | 46.6 | 36.9 | 55.3 |

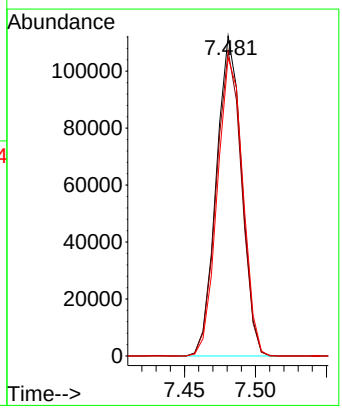


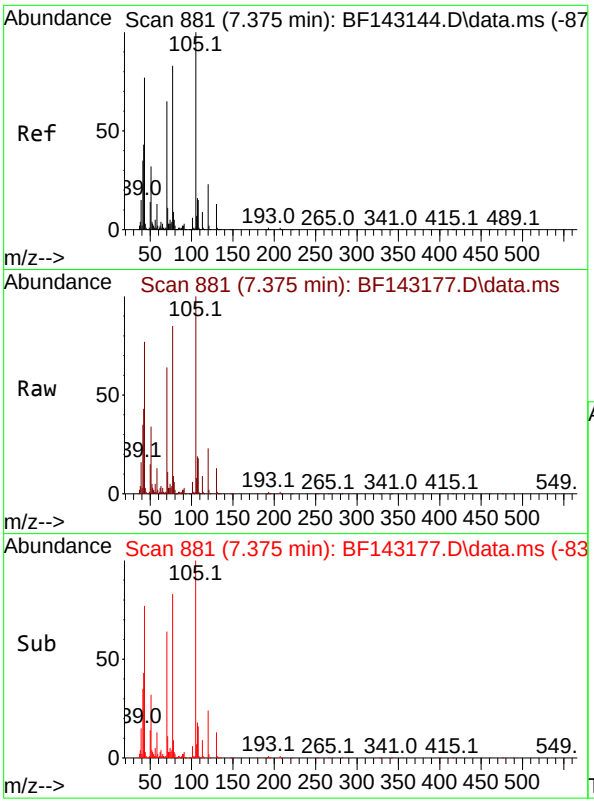




#18
Hexachloroethane
Concen: 40.337 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:117 Resp: 139222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.3 | 77.8 | 116.8 |
| 201 | 93.3 | 77.0 | 115.4 |



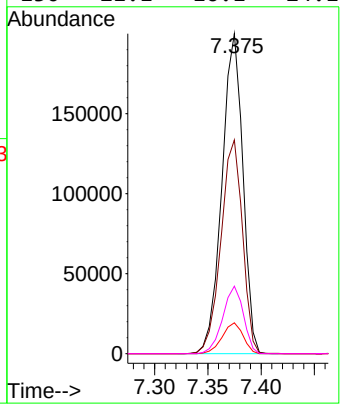


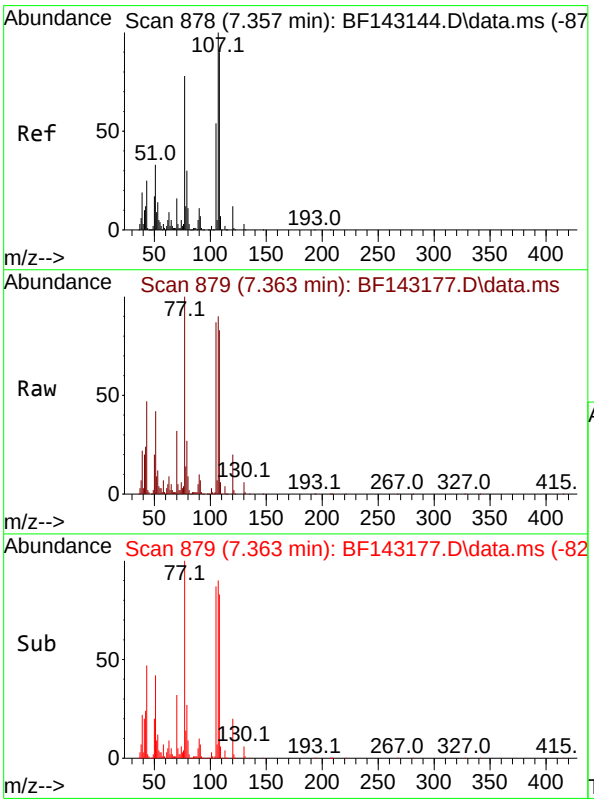

#19
n-Nitroso-di-n-propylamine
Concen: 38.818 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 272545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.8 | 52.5 | 78.7 |
| 101 | 9.7 | 7.6 | 11.4 |
| 130 | 21.1 | 16.1 | 24.1 |

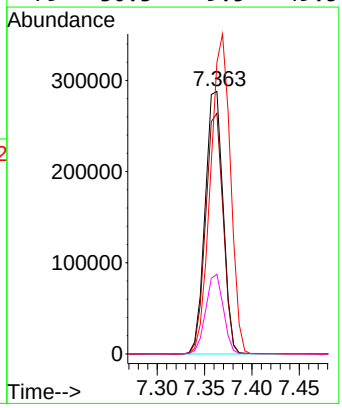


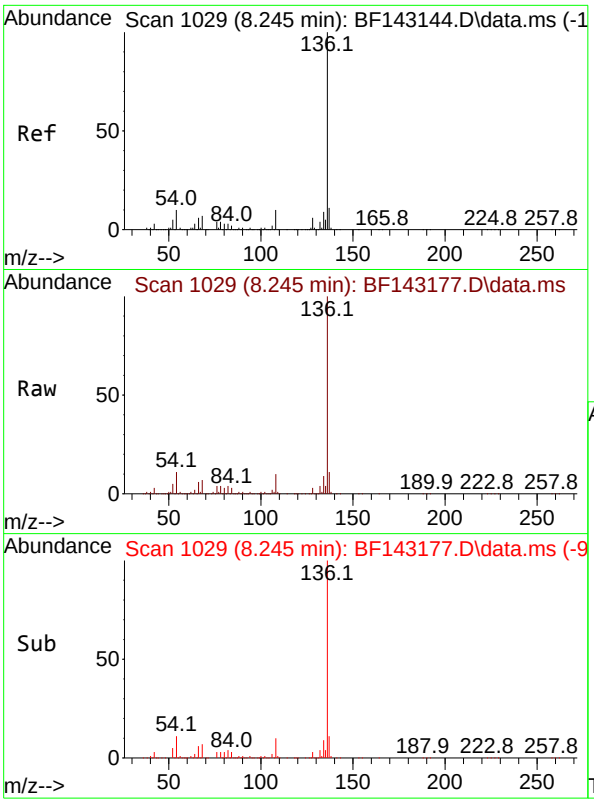




#20
3+4-Methylphenols
Concen: 40.856 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:107 Resp: 379841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.6 | 70.0 | 110.0 |
| 77 | 111.0 | 57.8 | 97.8# |
| 79 | 30.3 | 9.5 | 49.5 |



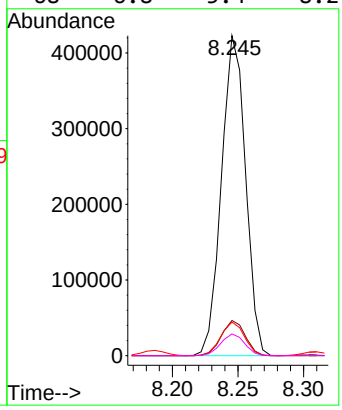


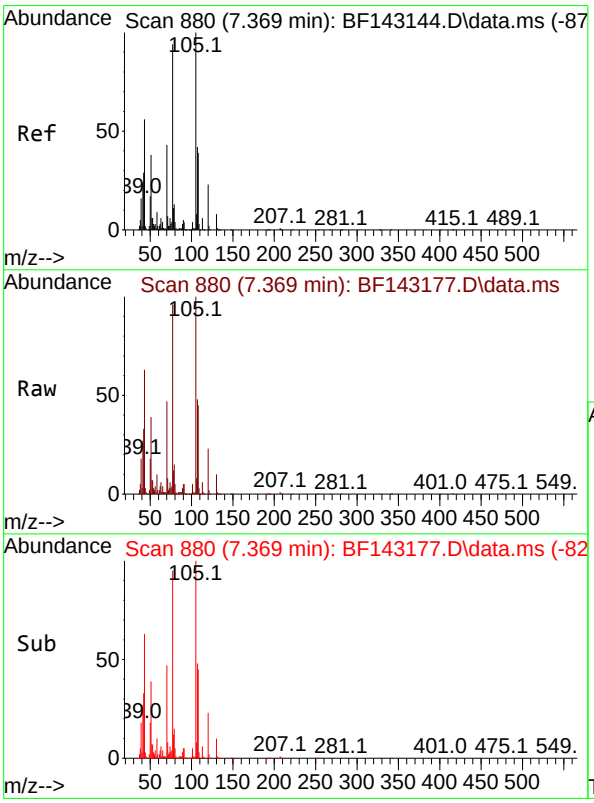

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 540273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.5 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

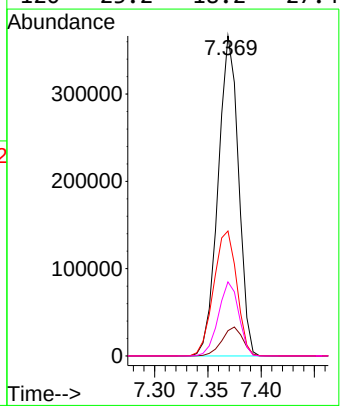


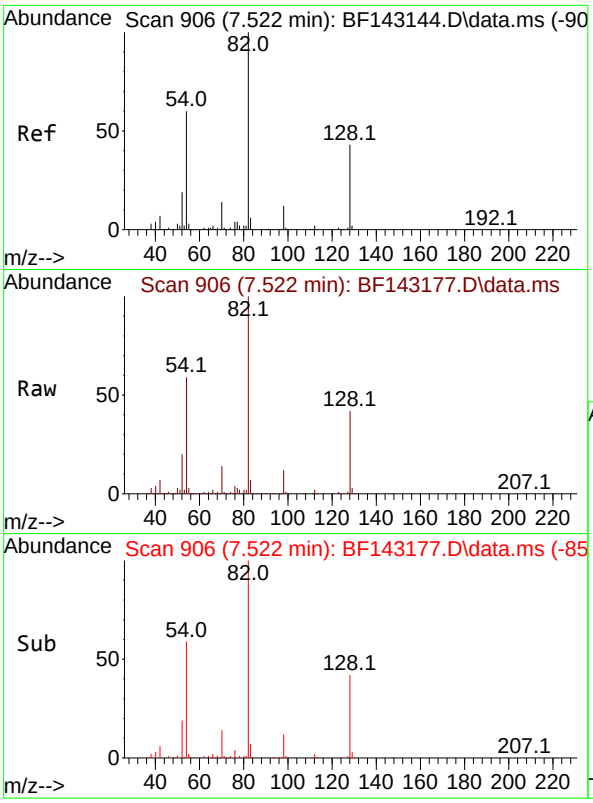




#22
Acetophenone
Concen: 38.166 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:105 Resp: 488181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.9 | 5.8 | 8.6 |
| 51 | 39.0 | 30.2 | 45.2 |
| 120 | 23.2 | 18.2 | 27.4 |



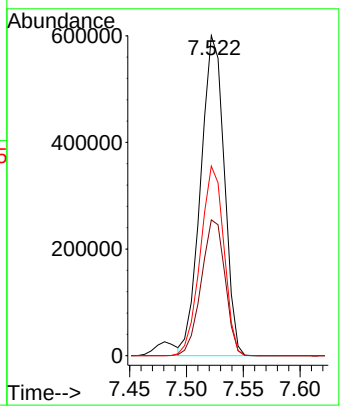


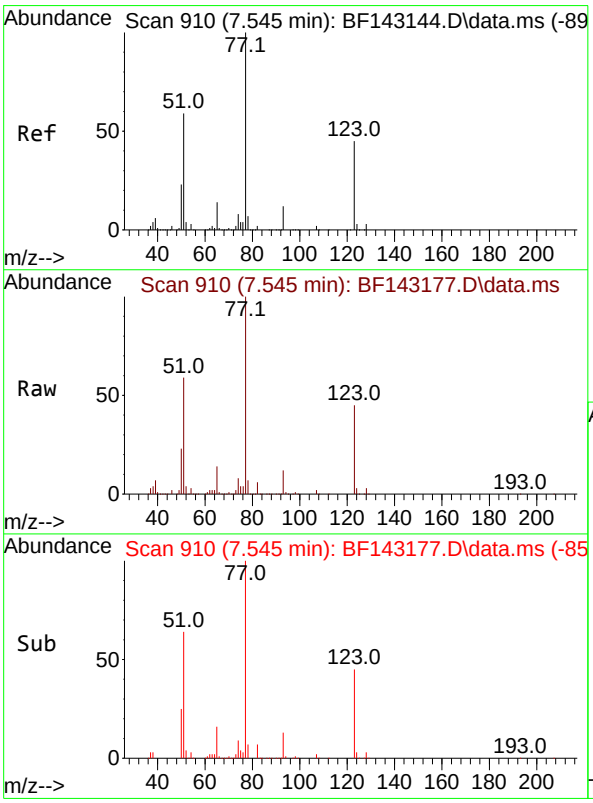

#23
Nitrobenzene-d5
Concen: 79.820 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 865138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.5 | 33.6 | 50.4 |
| 54 | 59.2 | 47.1 | 70.7 |

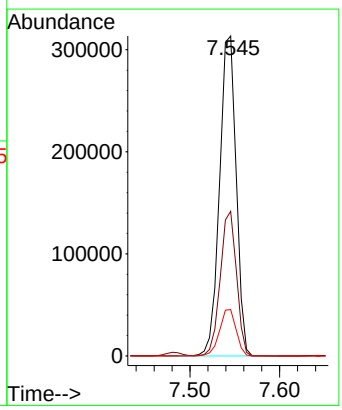


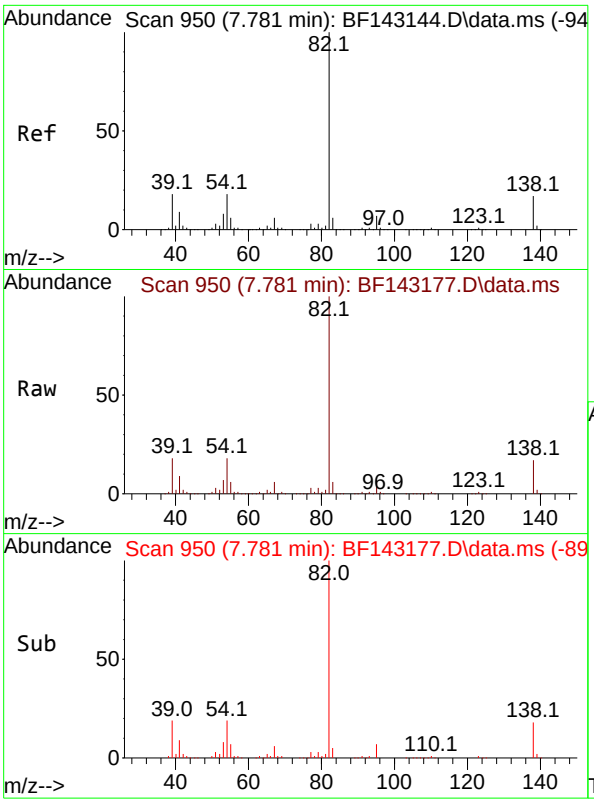




#24
Nitrobenzene
Concen: 39.931 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 77 Resp: 403502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.2 | 36.1 | 54.1 |
| 65 | 14.5 | 11.4 | 17.2 |



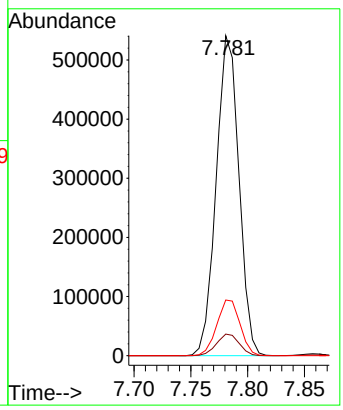


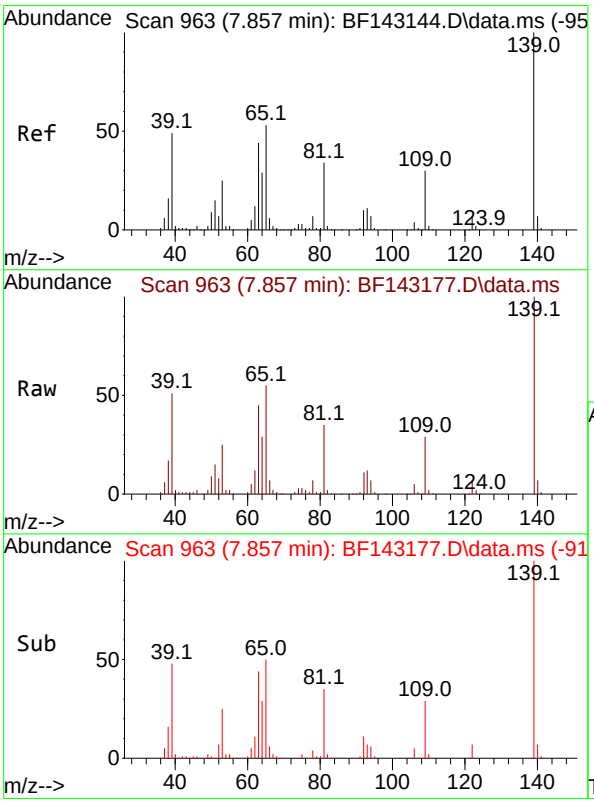

#25
Isophorone
Concen: 39.403 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 753928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.5 | 8.3 |
| 138 | 17.4 | 13.8 | 20.8 |

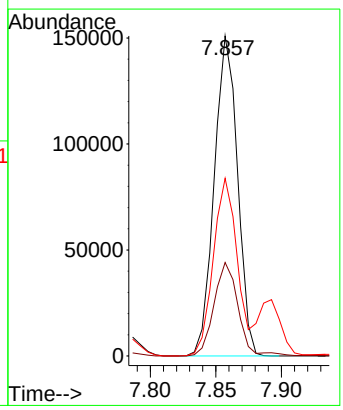


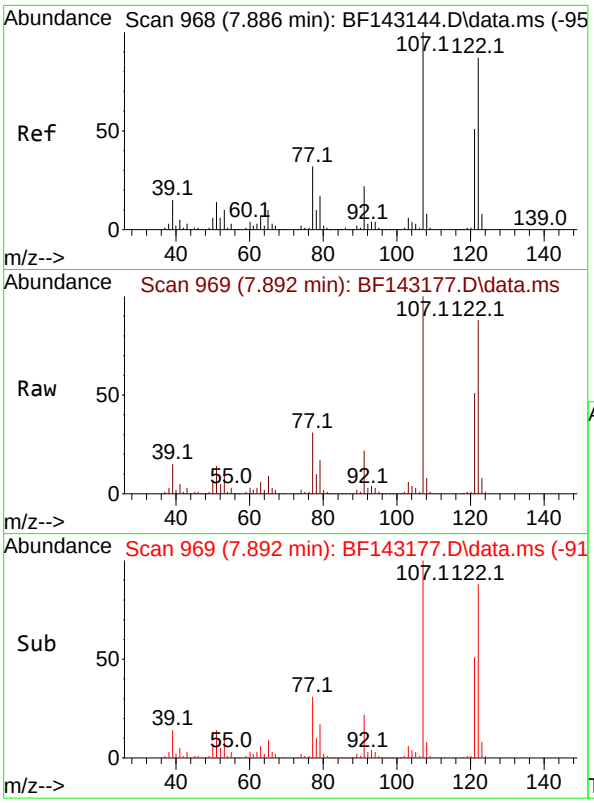




#26
2-Nitrophenol
Concen: 42.420 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 186034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.2 | 23.6 | 35.4 |
| 65 | 55.5 | 42.6 | 64.0 |



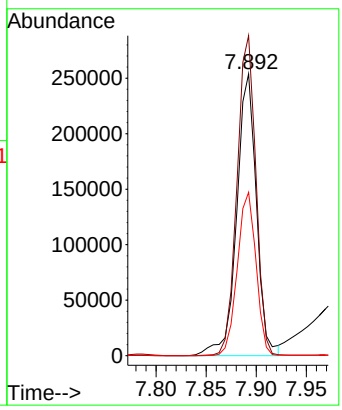


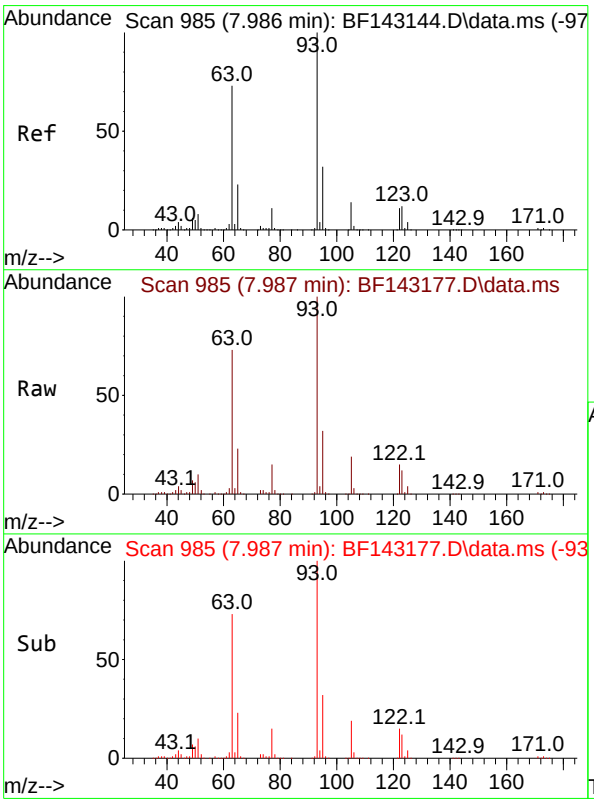

#27
2,4-Dimethylphenol
Concen: 39.039 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 348982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.6 | 91.8 | 137.6 |
| 121 | 58.0 | 46.3 | 69.5 |

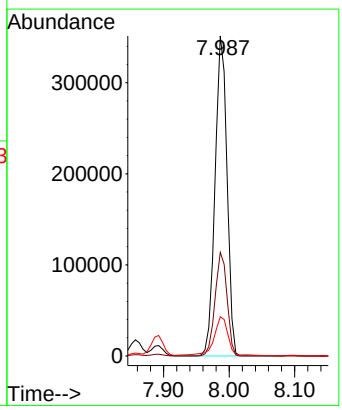


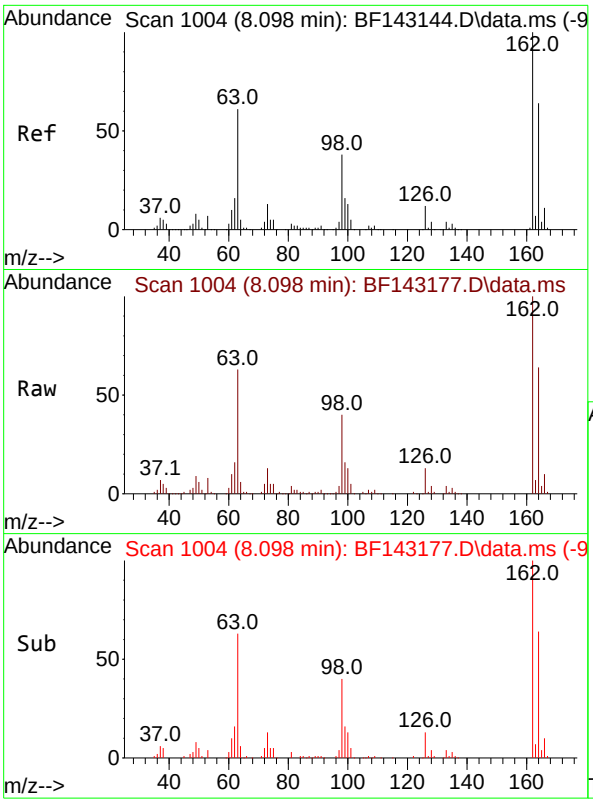




#28
bis(2-Chloroethoxy)methane
Concen: 38.742 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 93 Resp: 444443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |



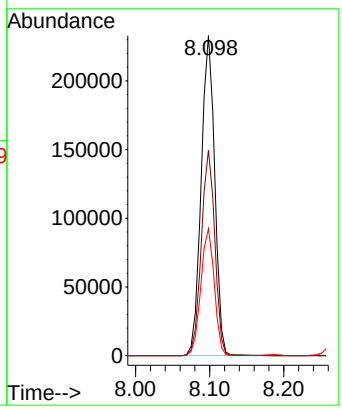


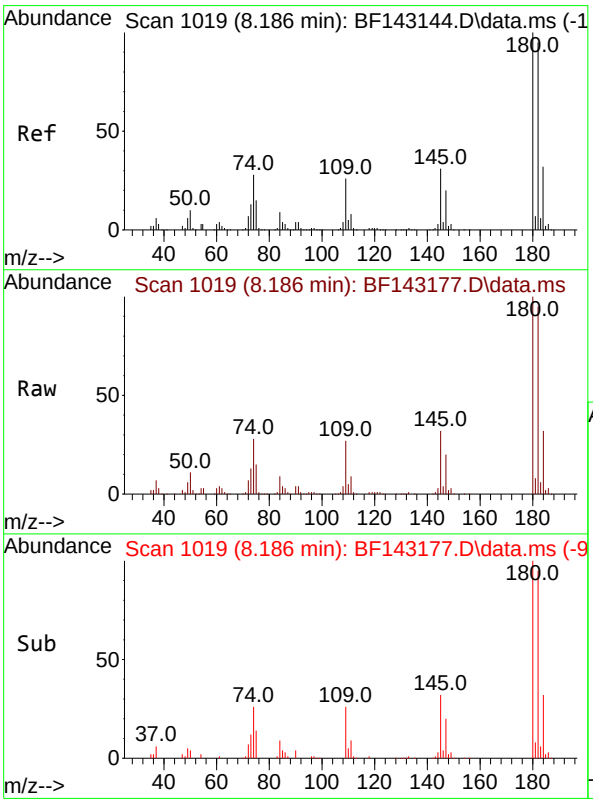

#29
2,4-Dichlorophenol
Concen: 39.284 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 296155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 44.2 | 84.2 |
| 98 | 39.7 | 17.9 | 57.9 |

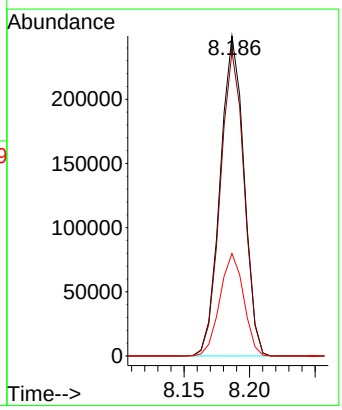


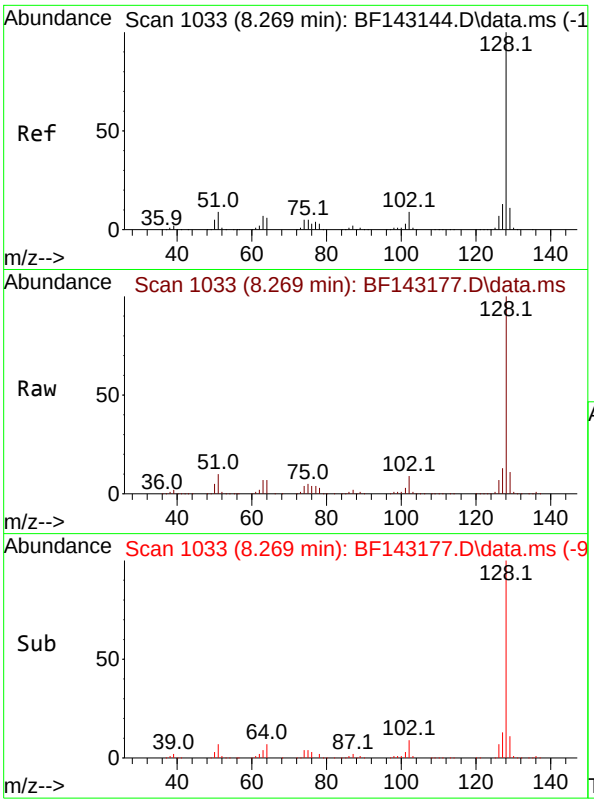




#30
1,2,4-Trichlorobenzene
Concen: 38.597 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:180 Resp: 314359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 76.2 | 114.2 |
| 145 | 32.0 | 25.0 | 37.6 |



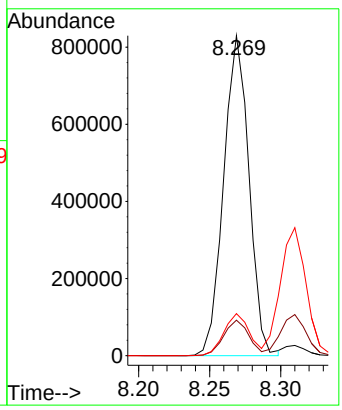


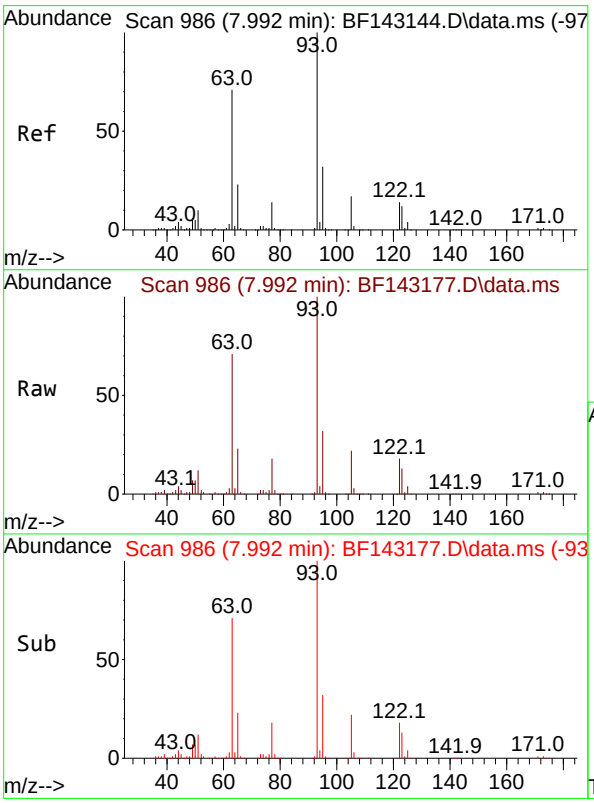

#31
Naphthalene
Concen: 38.661 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 1028678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.1 | 10.6 | 16.0 |

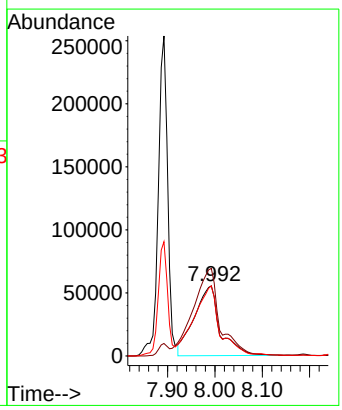


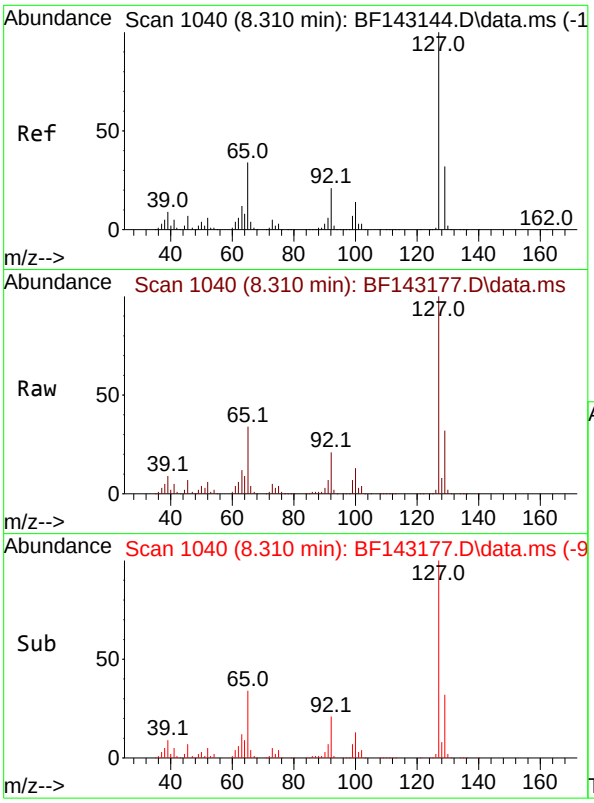




#32
Benzoic acid
Concen: 42.399 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:122 Resp: 210097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.0 | 104.8 | 144.8 |
| 77 | 100.1 | 77.6 | 117.6 |



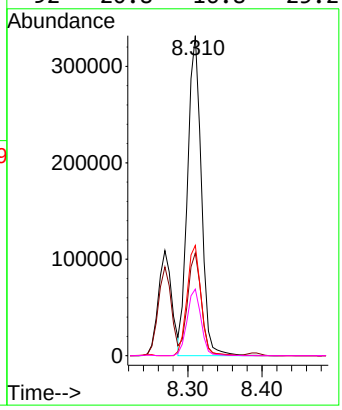


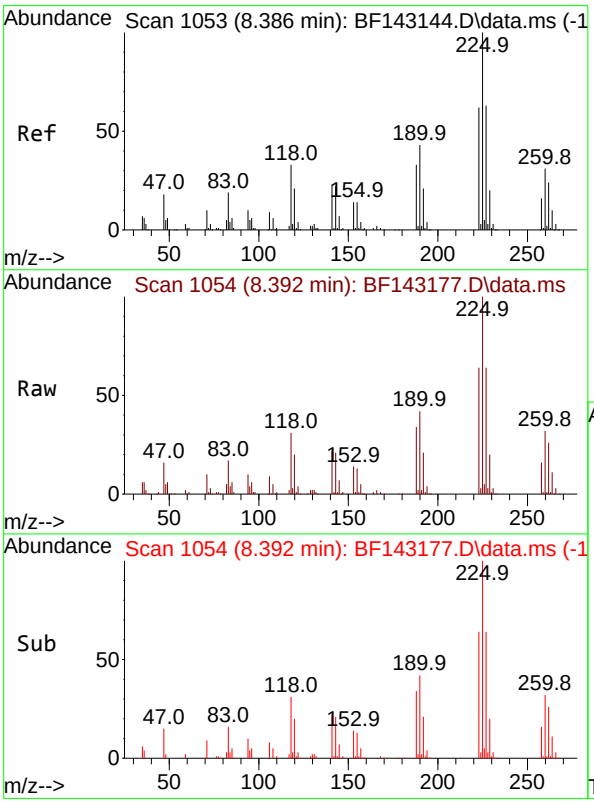

#33
4-Chloroaniline
Concen: 39.296 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 426934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 26.0 | 39.0 |
| 65 | 34.5 | 27.4 | 41.2 |
| 92 | 20.8 | 16.8 | 25.2 |

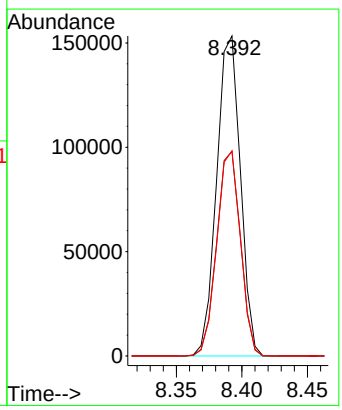


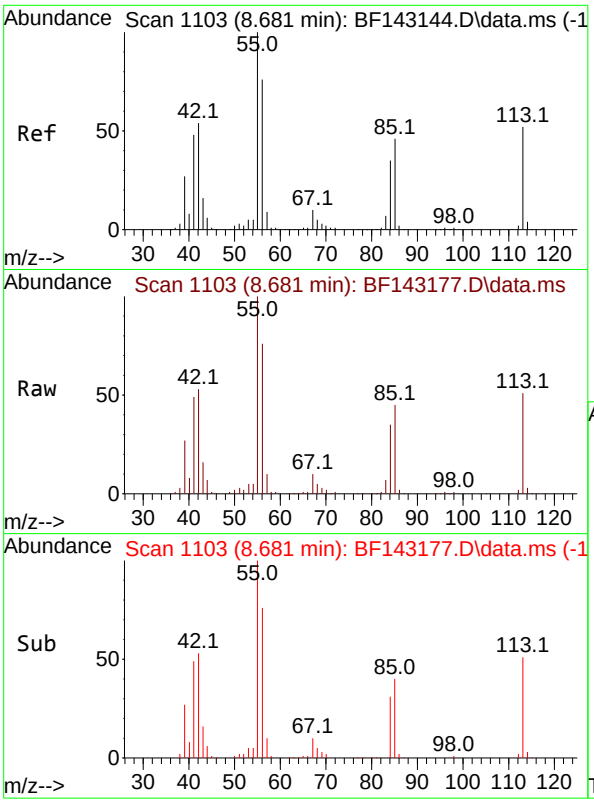




#34
Hexachlorobutadiene
Concen: 38.797 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:225 Resp: 193031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 49.8 | 74.6 |
| 227 | 64.1 | 50.2 | 75.4 |



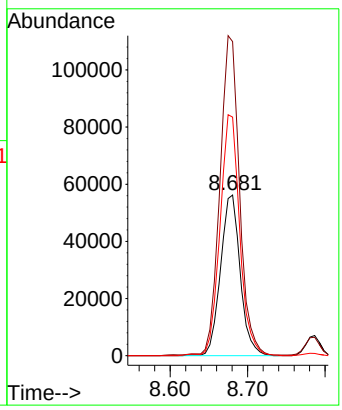


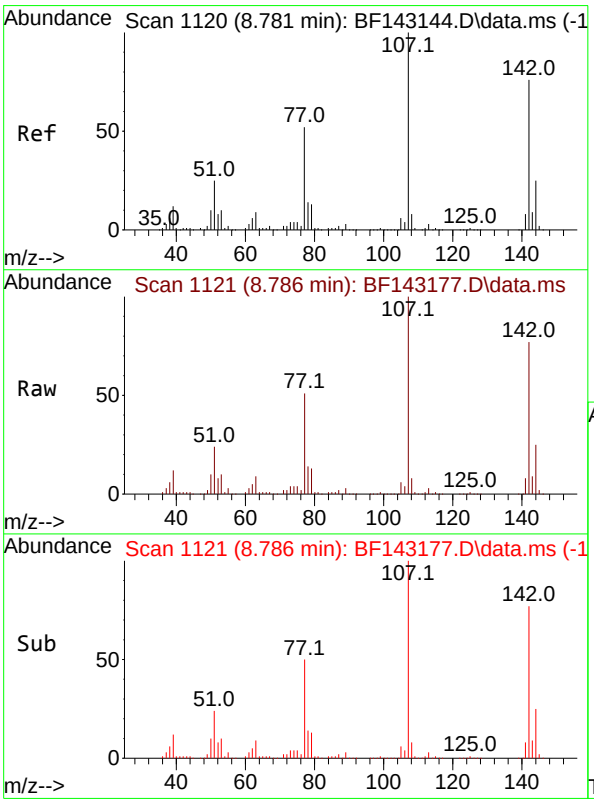

#35
Caprolactam
Concen: 43.497 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 99092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.5 | 174.0 | 214.0 |
| 56 | 148.5 | 126.6 | 166.6 |

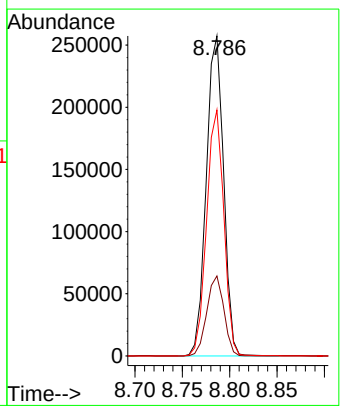


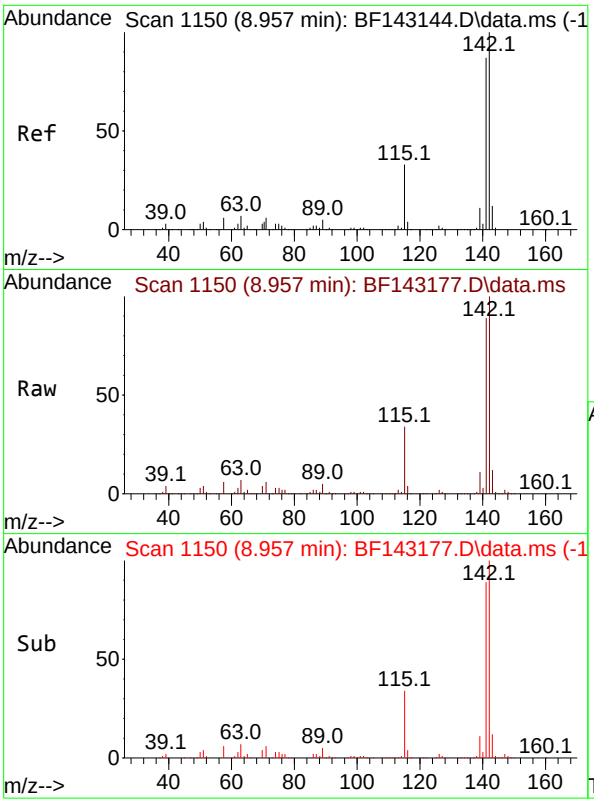




#36
4-Chloro-3-methylphenol
Concen: 40.031 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:107 Resp: 328015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.0 | 19.8 | 29.6 |
| 142 | 76.8 | 60.6 | 90.8 |



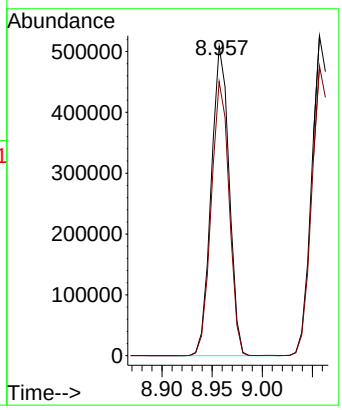


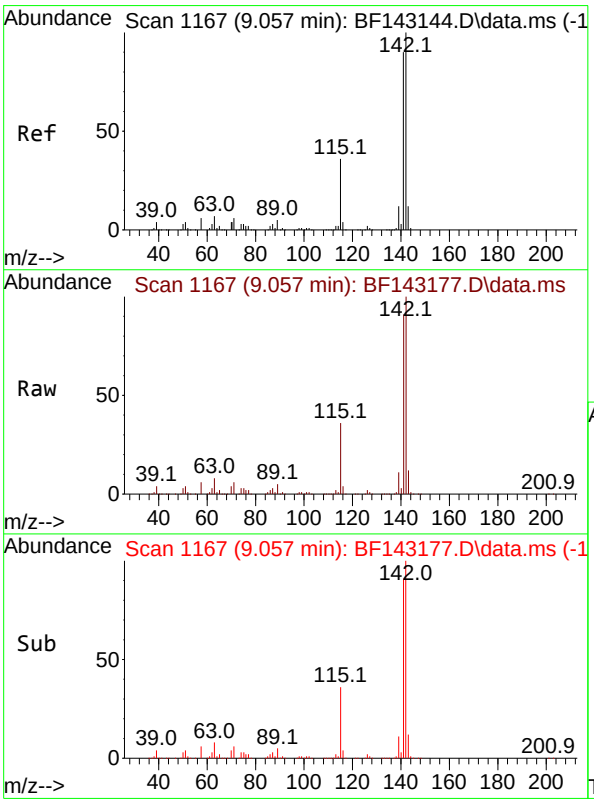

#37
2-Methylnaphthalene
Concen: 38.948 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 630618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 69.9 | 104.9 |

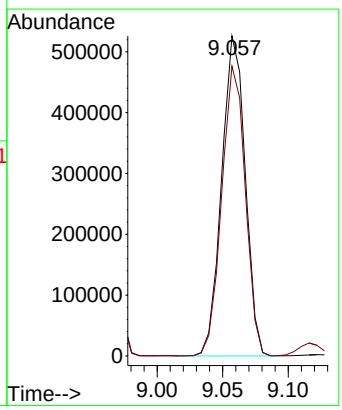


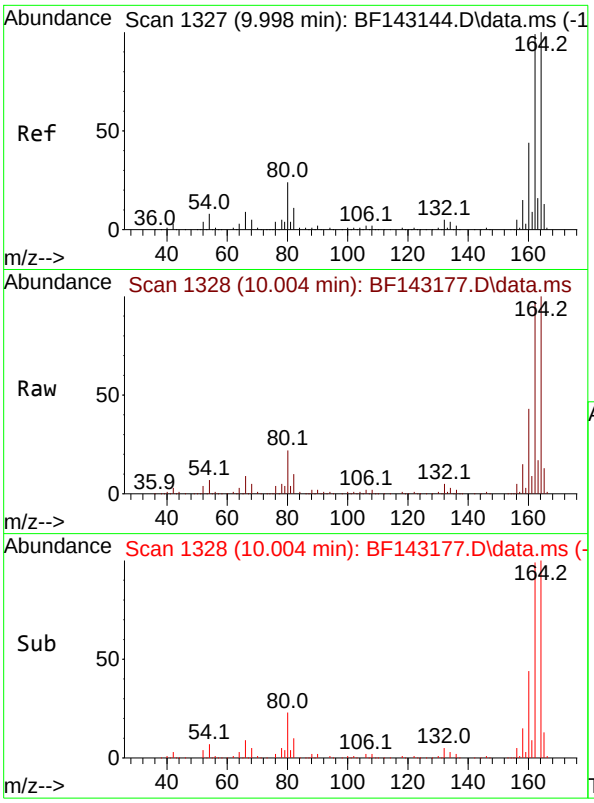




#38
1-Methylnaphthalene
Concen: 39.448 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:142 Resp: 657714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 72.3 | 108.5 |



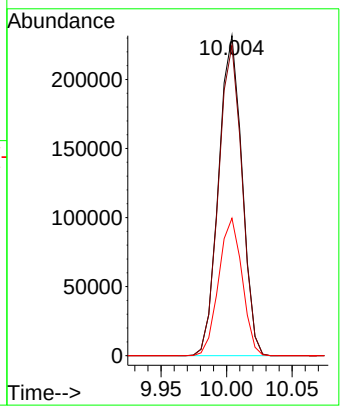


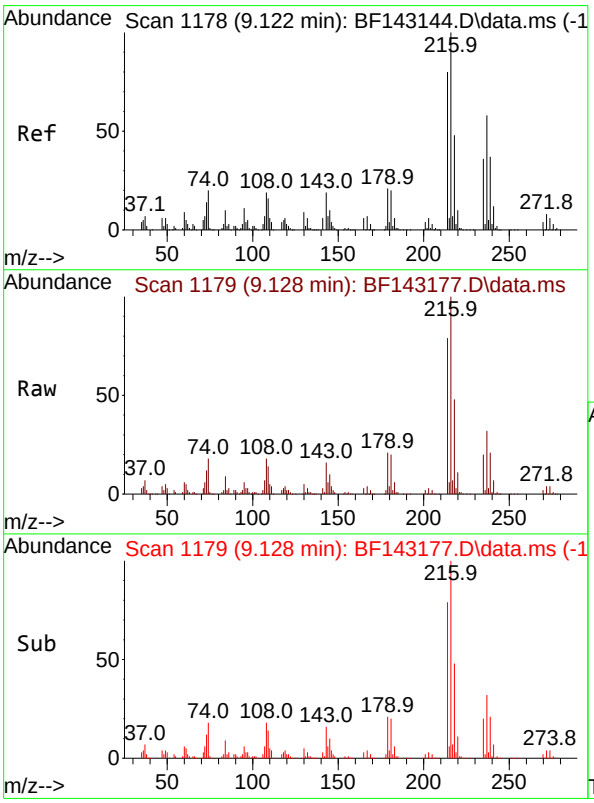

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 287067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.9 | 79.0 | 118.6 |
| 160 | 43.0 | 35.1 | 52.7 |

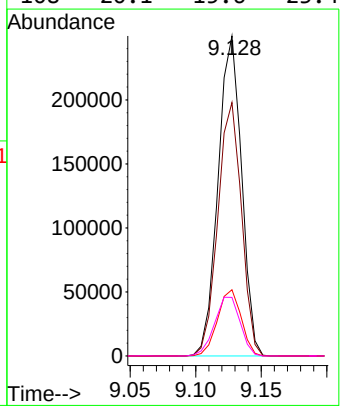


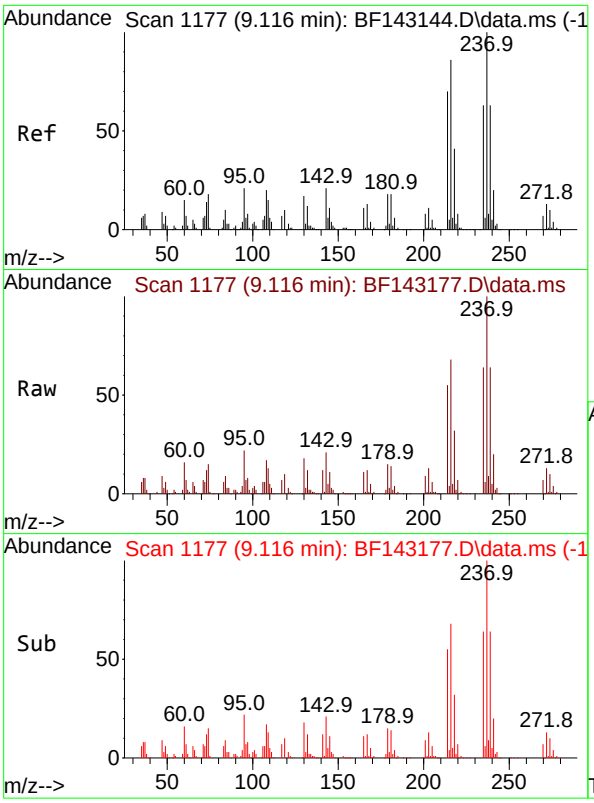




#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.530 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:216 Resp: 311045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.8 | 95.8 |
| 179 | 20.9 | 16.4 | 24.6 |
| 108 | 20.1 | 15.6 | 23.4 |



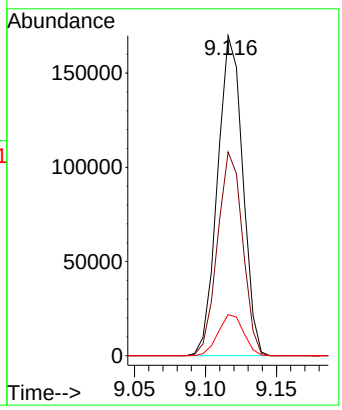


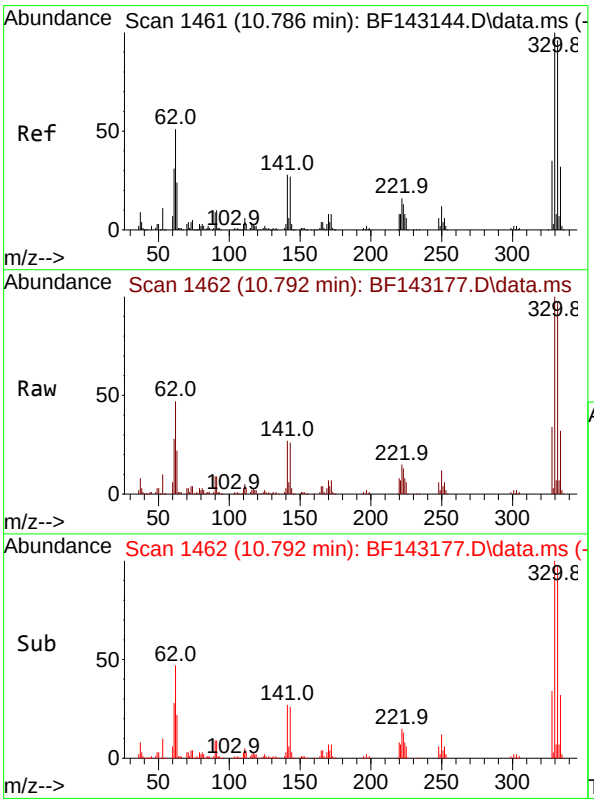

#41
Hexachlorocyclopentadiene
Concen: 38.857 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 209543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.7 | 43.0 | 83.0 |
| 272 | 12.8 | 0.0 | 33.3 |

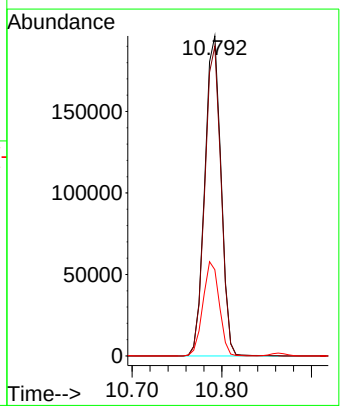


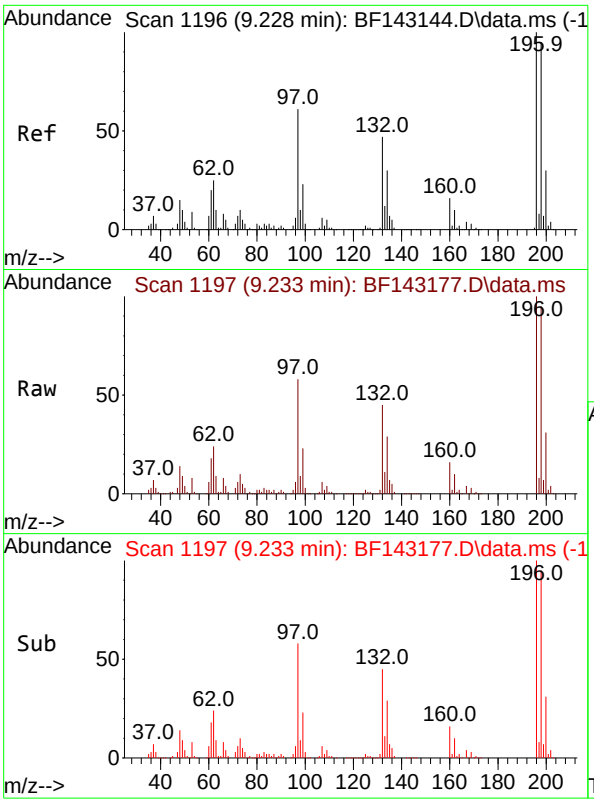




#42
2,4,6-Tribromophenol
Concen: 83.135 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:330 Resp: 246542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 29.6 | 23.3 | 34.9 |



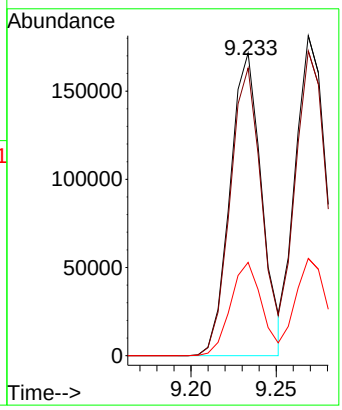


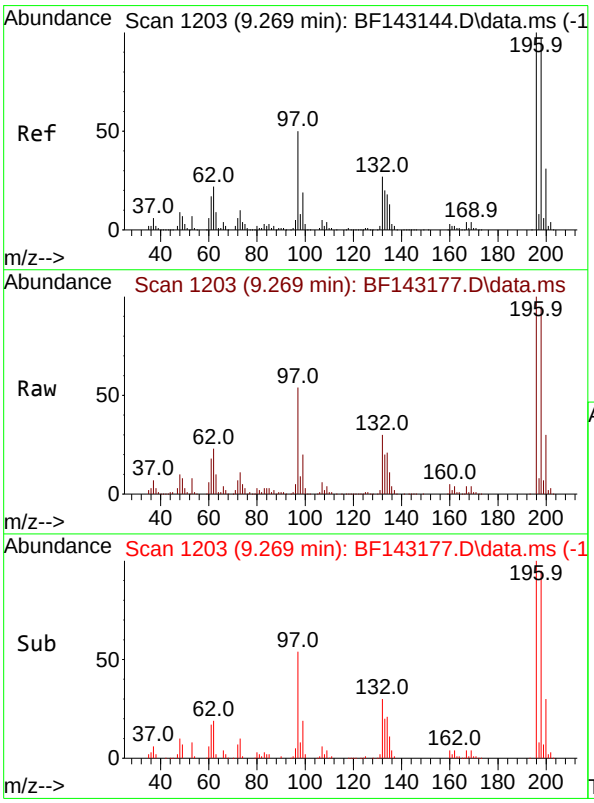

#43
2,4,6-Trichlorophenol
Concen: 38.716 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 222071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 76.2 | 114.2 |
| 200 | 30.8 | 23.9 | 35.9 |

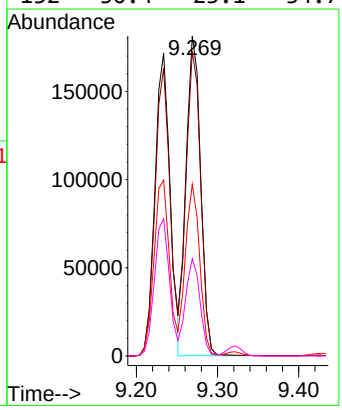


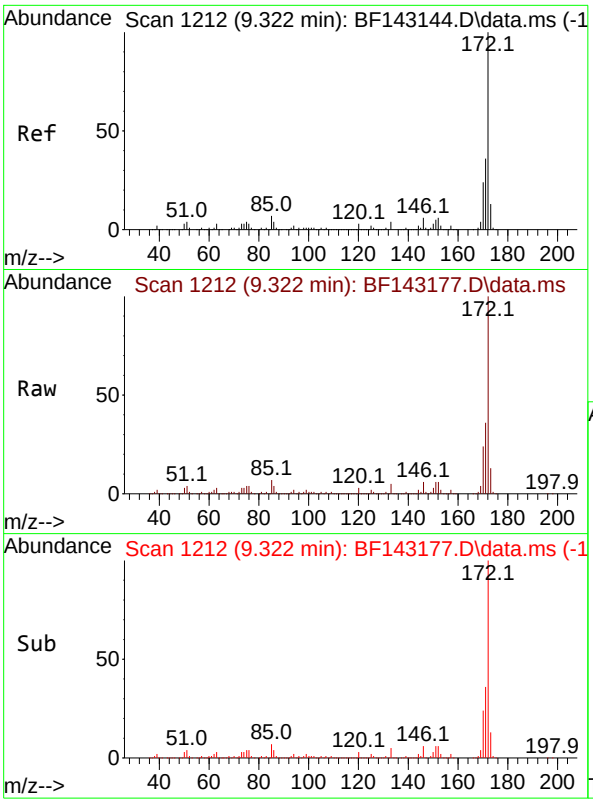




#44
2,4,5-Trichlorophenol
Concen: 39.609 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:196 Resp: 227262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 77.3 | 115.9 |
| 97 | 53.7 | 40.3 | 60.5 |
| 132 | 30.4 | 23.1 | 34.7 |



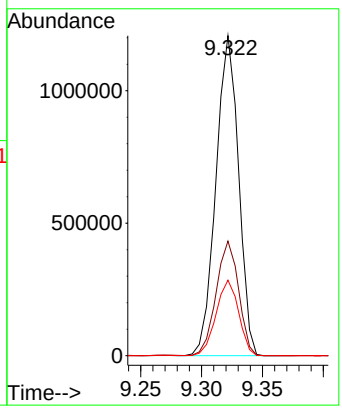


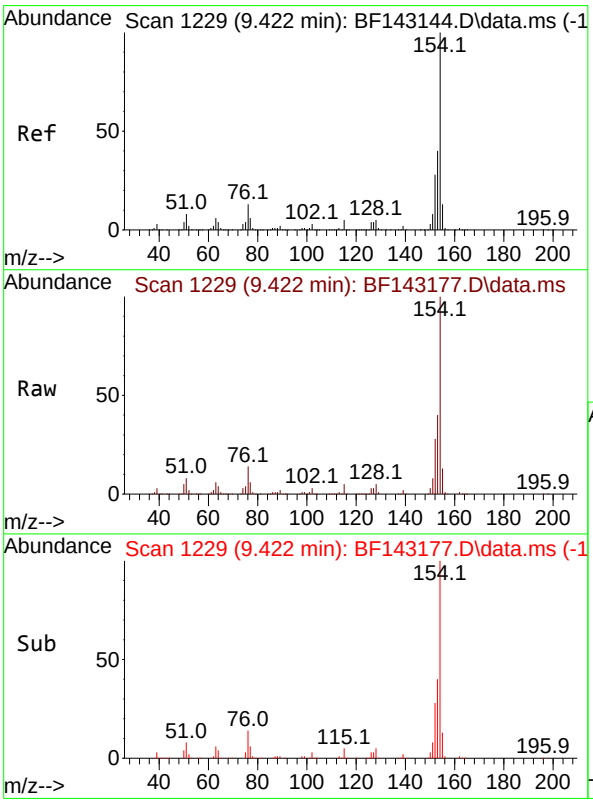

#45
2-Fluorobiphenyl
Concen: 74.477 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 1563287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.6 | 42.8 |
| 170 | 23.6 | 18.8 | 28.2 |

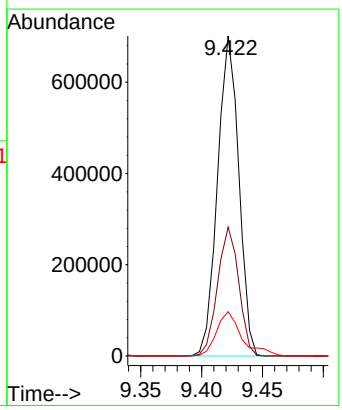


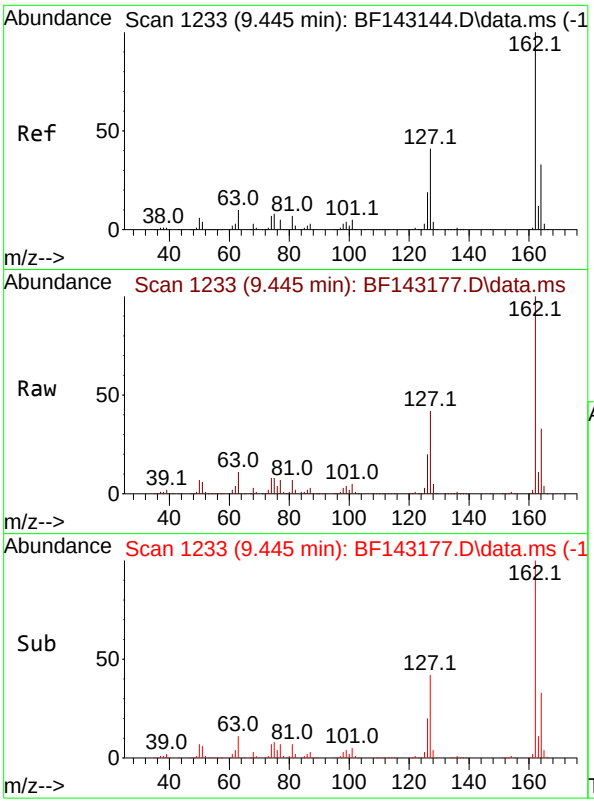




#46
1,1'-Biphenyl
Concen: 38.059 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:154 Resp: 852399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.8 | 0.0 | 33.3 |



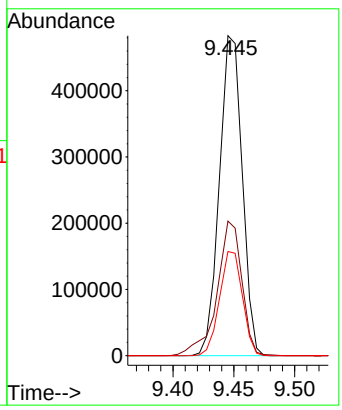


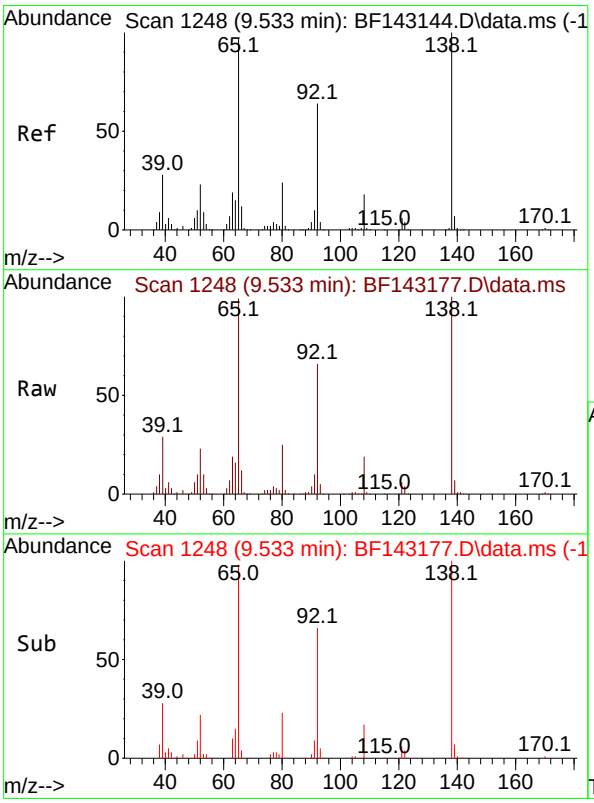

#47
2-Chloronaphthalene
Concen: 38.067 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 630848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.0 | 33.4 | 50.2 |
| 164 | 32.6 | 26.2 | 39.2 |

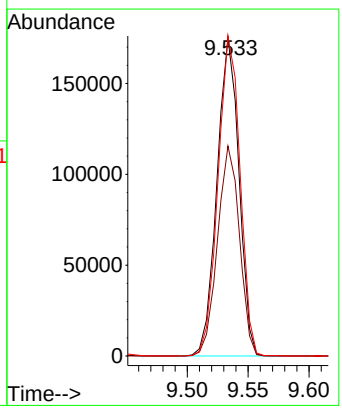


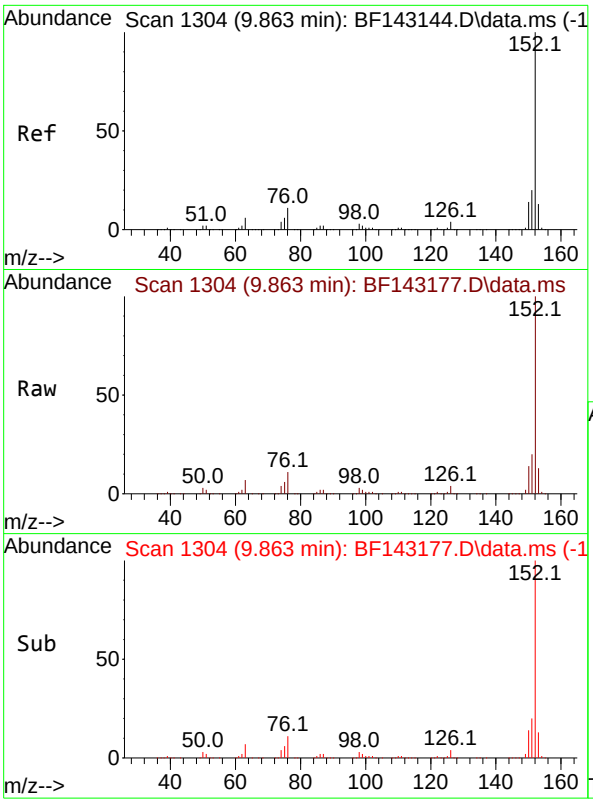




#48
2-Nitroaniline
Concen: 42.277 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion: 65 Resp: 219714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.9 | 52.4 | 78.6 |
| 138 | 100.5 | 82.3 | 123.5 |



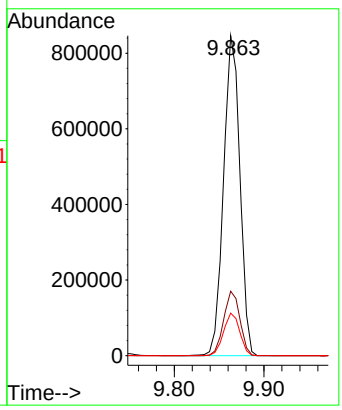


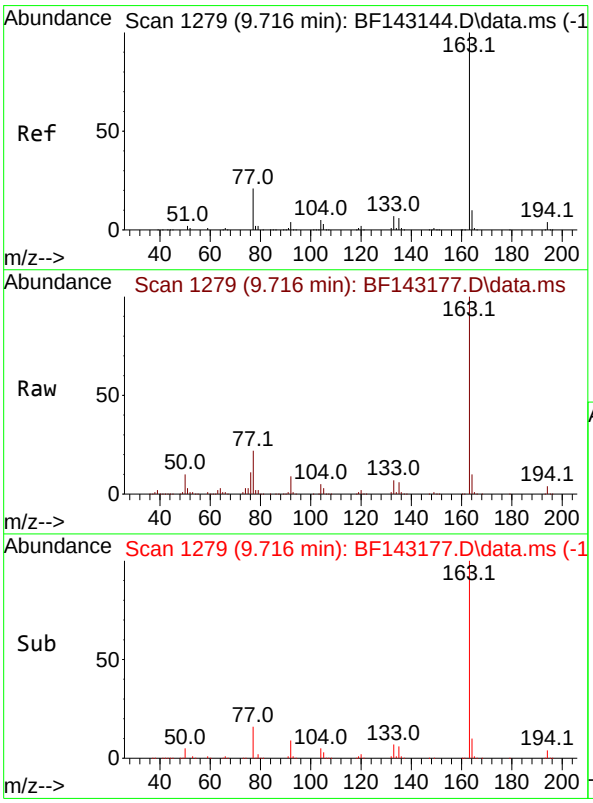

#49
Acenaphthylene
Concen: 38.541 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 1070369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |

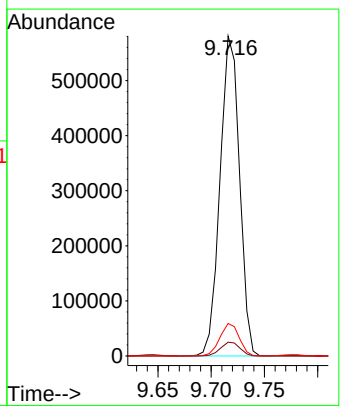


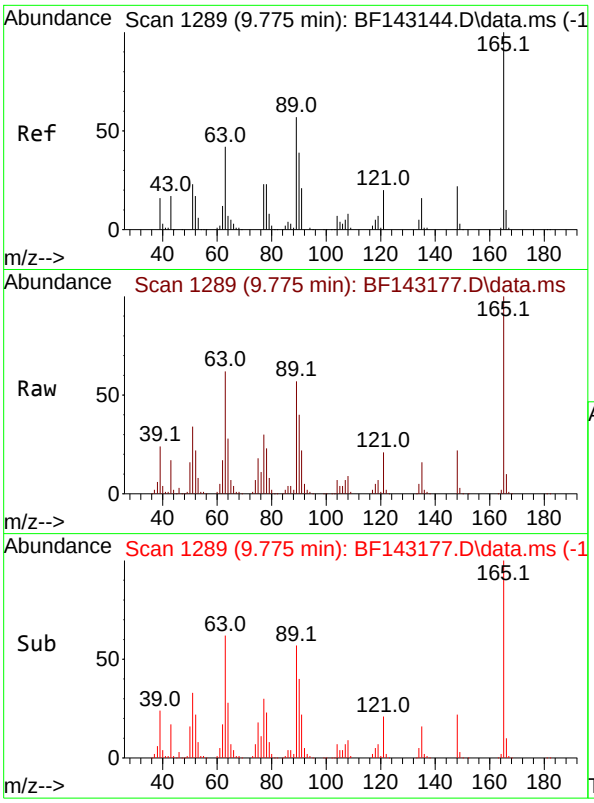




#50
Dimethylphthalate
Concen: 39.501 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:163 Resp: 739129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.1 | 8.3 | 12.5 |



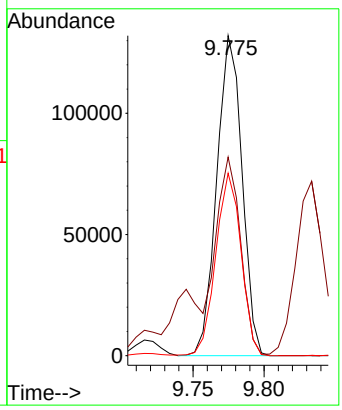


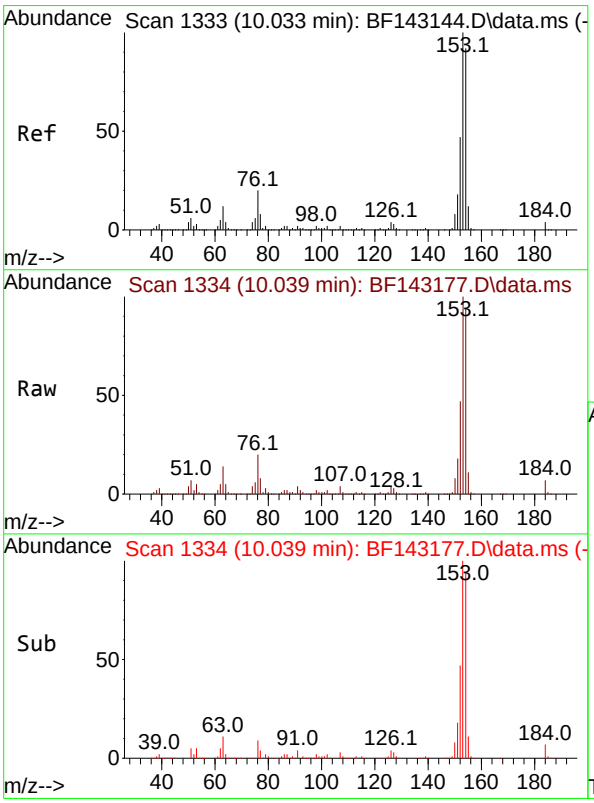

#51
2,6-Dinitrotoluene
Concen: 42.869 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 163183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.1 | 49.4 | 74.2 |
| 89 | 57.0 | 46.2 | 69.2 |

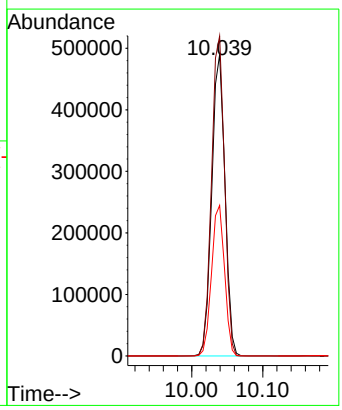


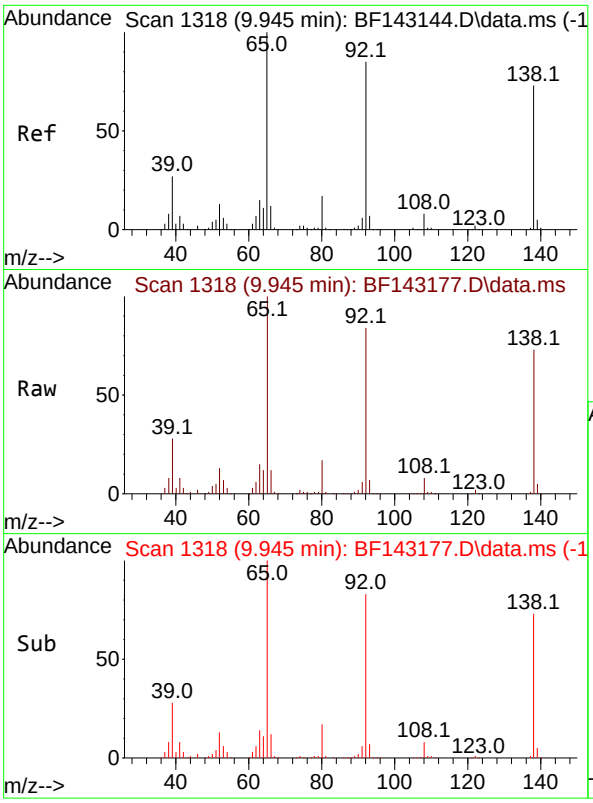




#52
Acenaphthene
Concen: 38.656 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:154 Resp: 634518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.2 | 86.6 | 129.8 |
| 152 | 50.0 | 40.4 | 60.6 |



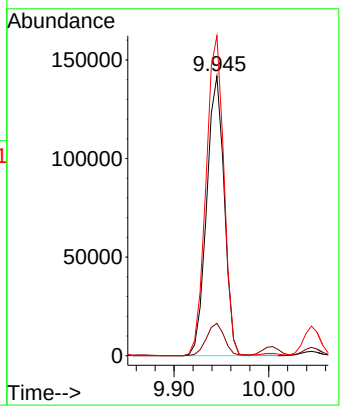


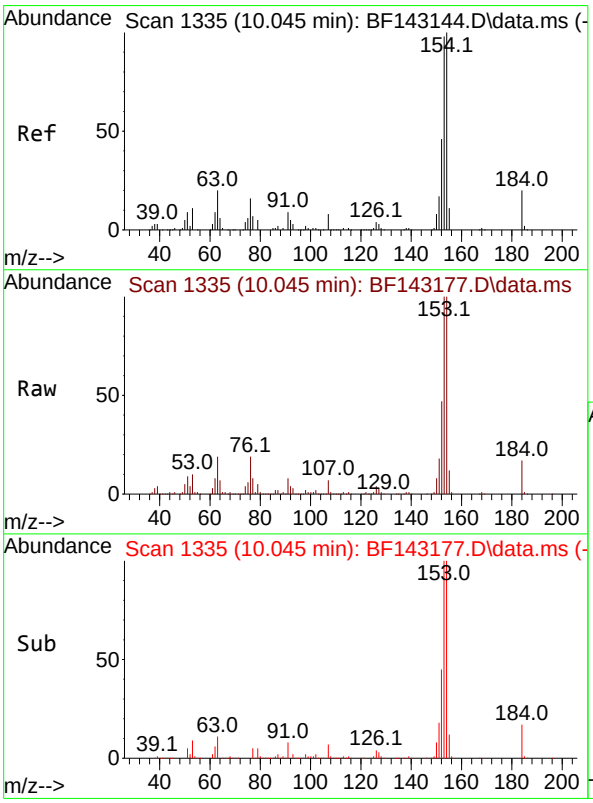

#53
3-Nitroaniline
Concen: 41.017 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 182622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.6 | 9.0 | 13.6 |
| 92 | 114.5 | 93.0 | 139.4 |

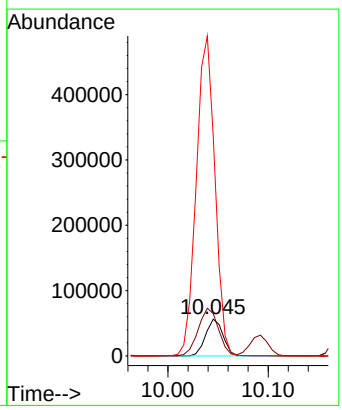


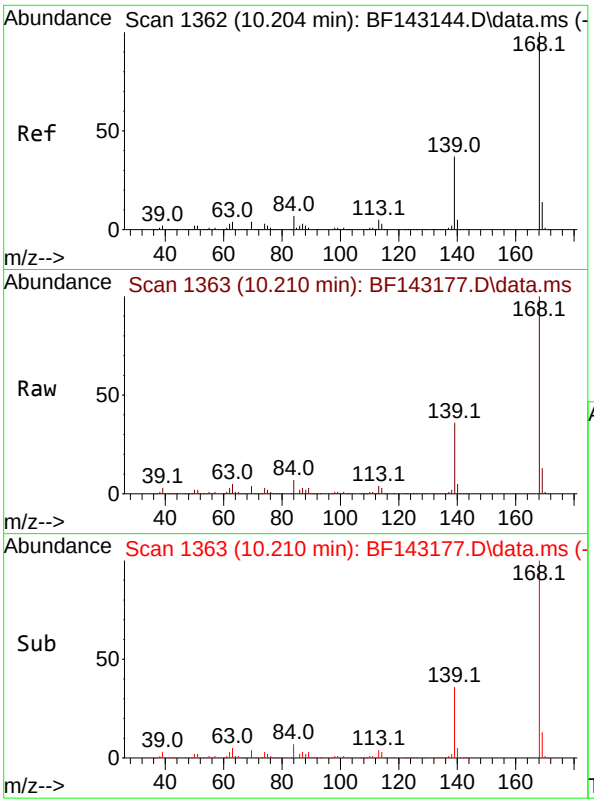




#54
2,4-Dinitrophenol
Concen: 43.071 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:184 Resp: 68517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 115.4 | 81.8 | 122.6 |
| 154 | 597.0 | 412.2 | 618.4 |



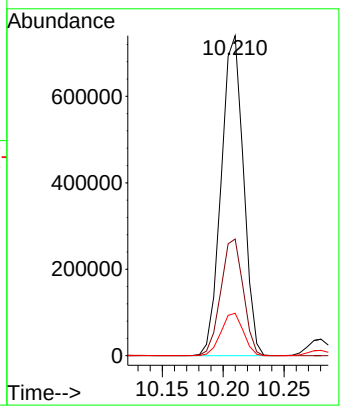


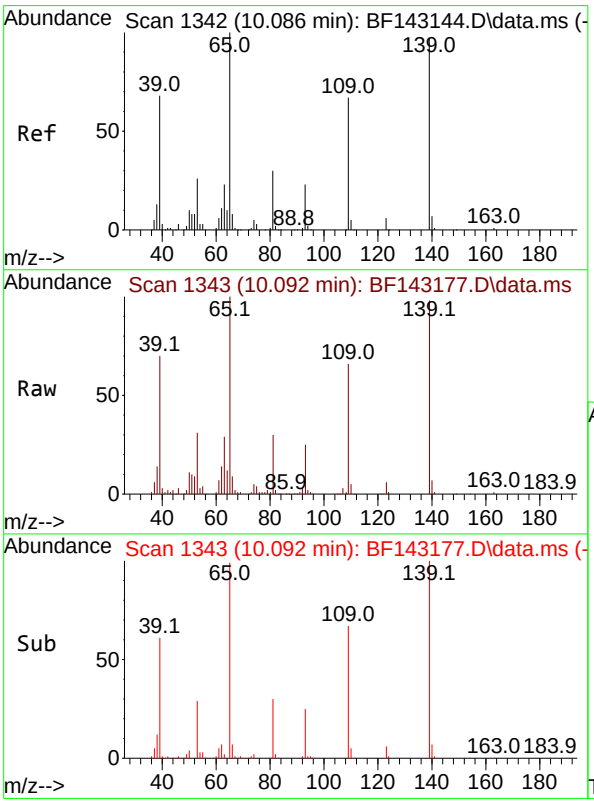

#55
Dibenzofuran
Concen: 38.679 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 942628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 29.5 | 44.3 |
| 169 | 13.2 | 10.9 | 16.3 |

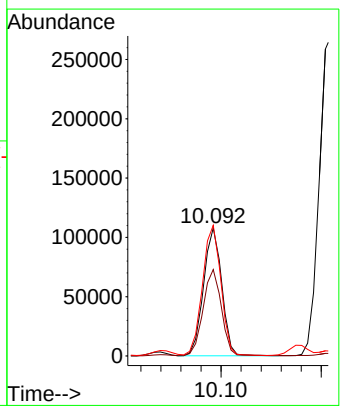


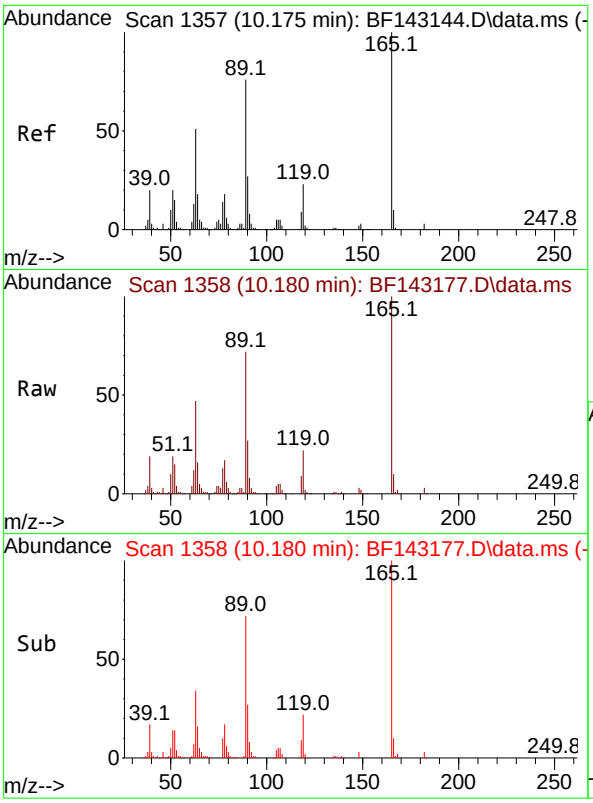




#56
4-Nitrophenol
Concen: 41.010 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:139 Resp: 136348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.6 | 48.5 | 88.5 |
| 65 | 102.2 | 83.4 | 123.4 |



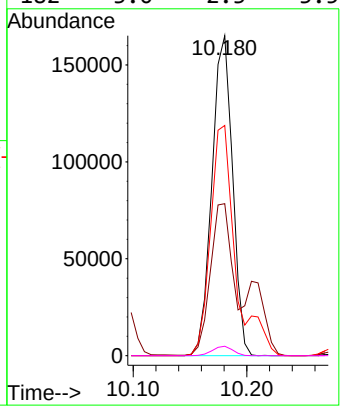


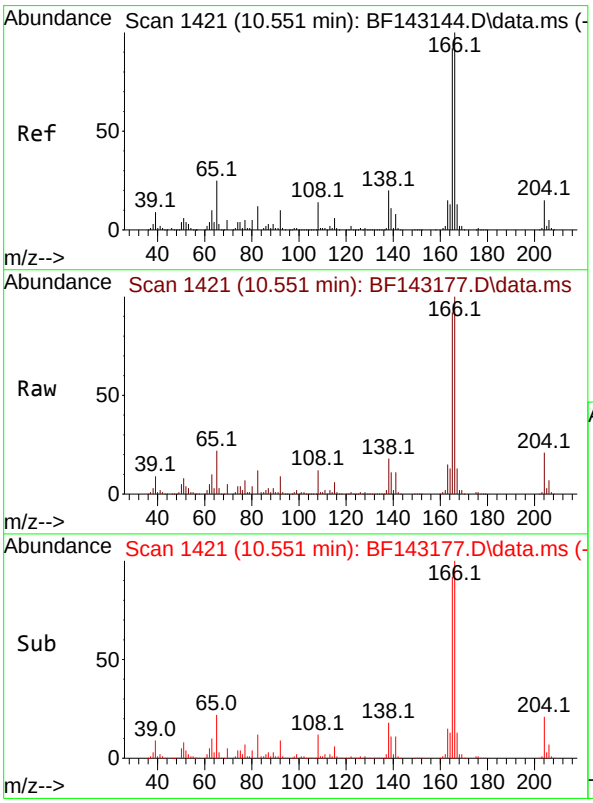

#57
2,4-Dinitrotoluene
Concen: 43.658 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 208497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.5 | 41.0 | 61.4 |
| 89 | 72.0 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |

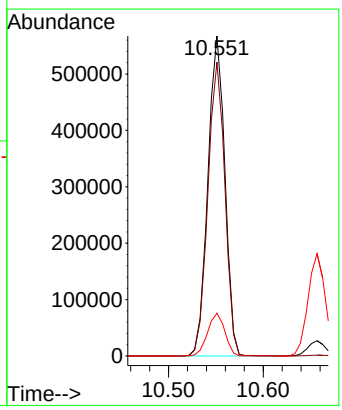


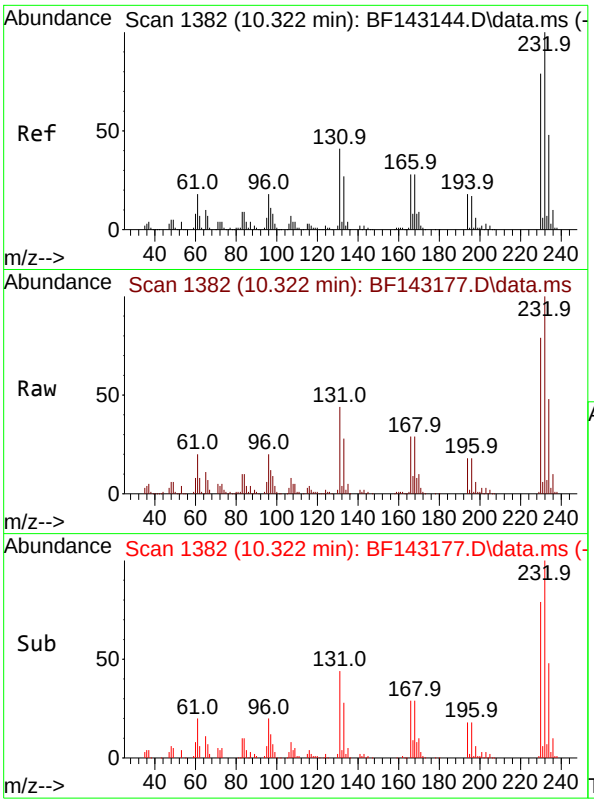




#58
Fluorene
Concen: 38.582 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:166 Resp: 705686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.8 | 73.7 | 110.5 |
| 167 | 13.4 | 10.6 | 16.0 |



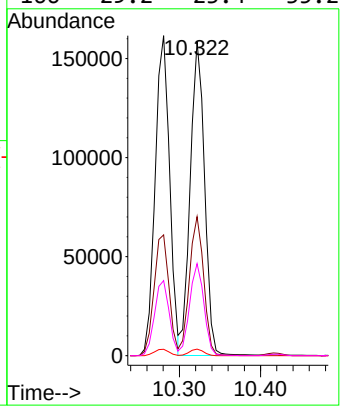


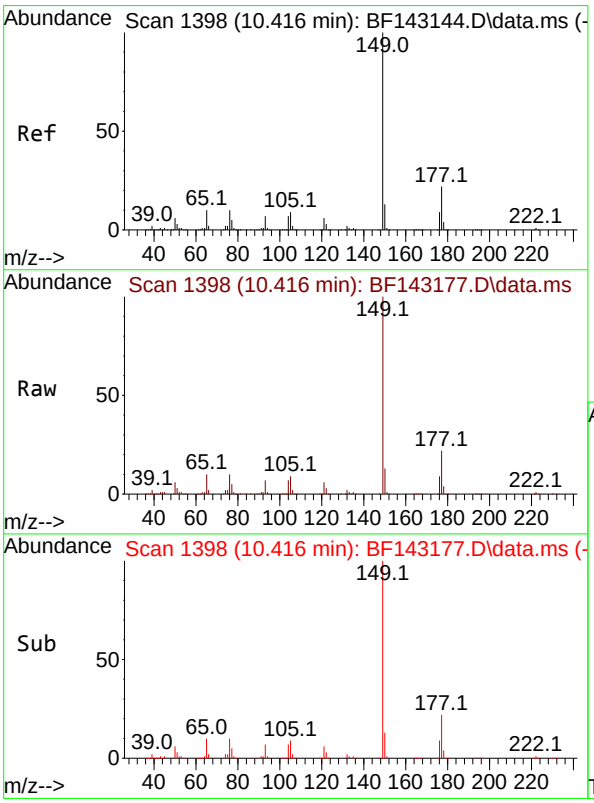

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.130 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 195488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.9 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 29.2 | 23.4 | 35.2 |

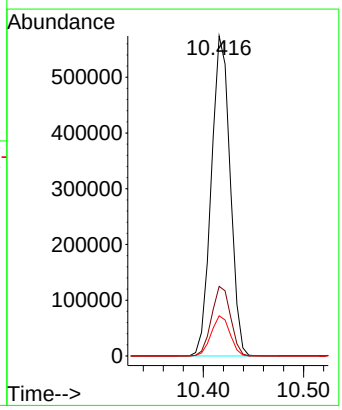


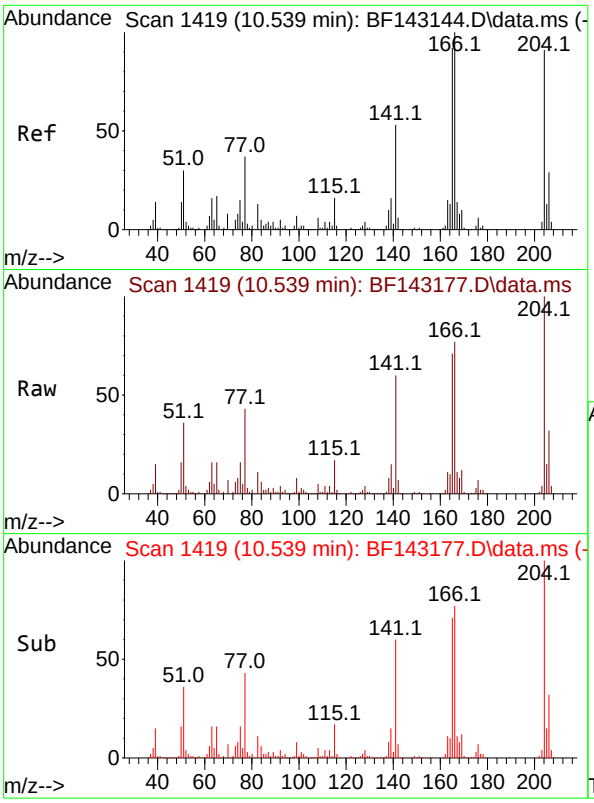




#60
Diethylphthalate
Concen: 40.297 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 745293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |



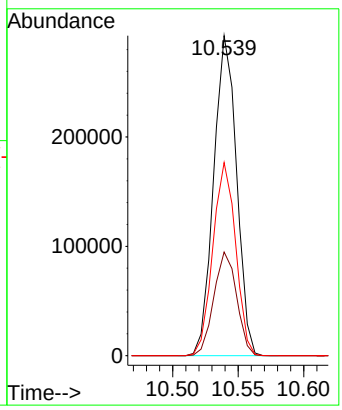


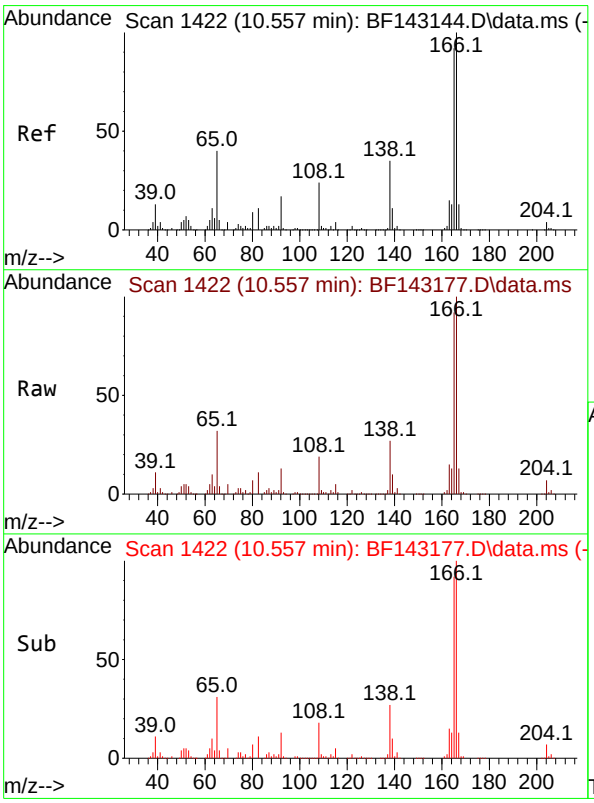

#61
4-Chlorophenyl-phenylether
Concen: 39.006 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 355248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 60.4 | 47.0 | 70.4 |

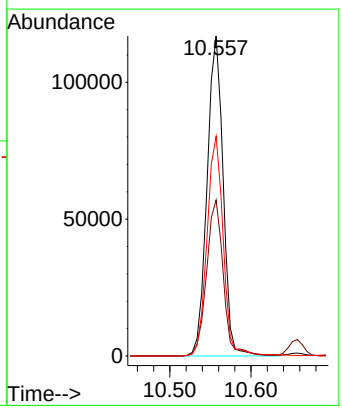


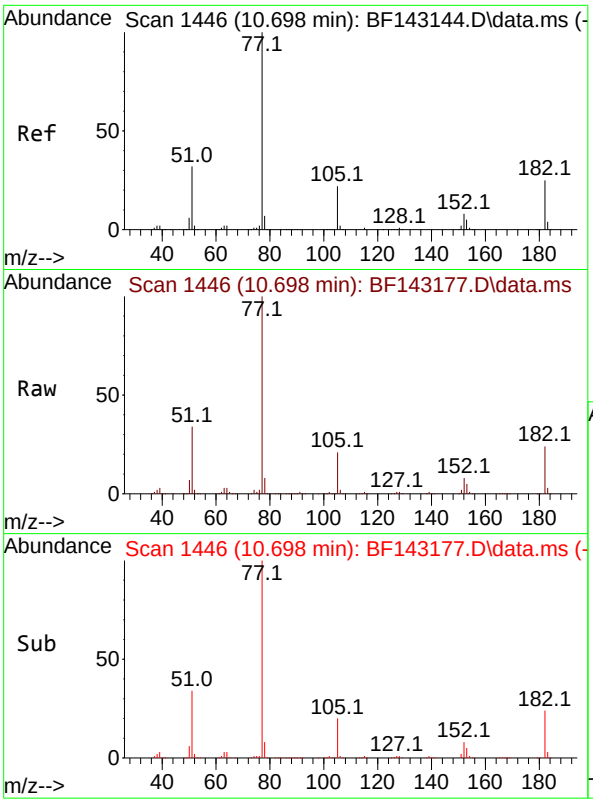




#62
4-Nitroaniline
Concen: 42.030 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:138 Resp: 160383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.8 | 29.3 | 69.3 |
| 108 | 68.6 | 48.3 | 88.3 |



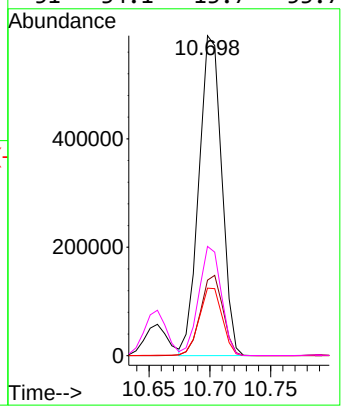


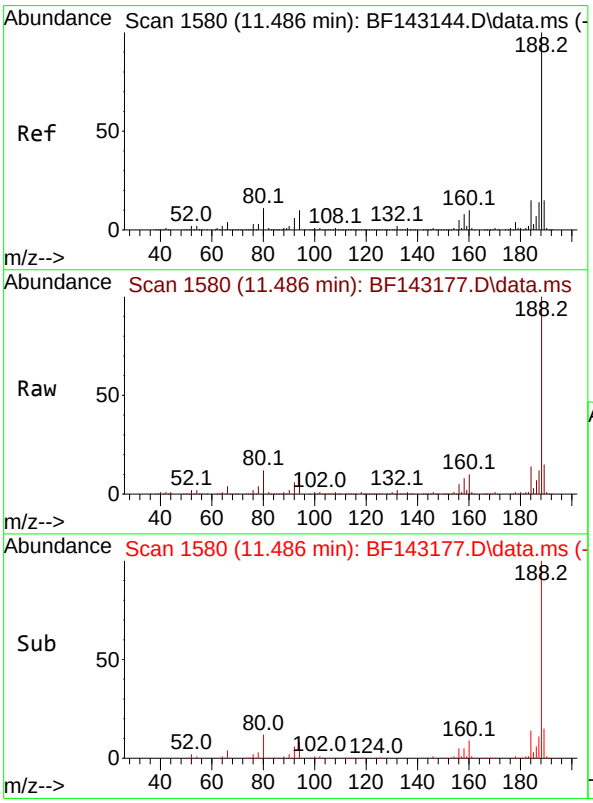

#63
Azobenzene
Concen: 39.955 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 770158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.6 | 4.6 | 44.6 |
| 105 | 21.1 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |

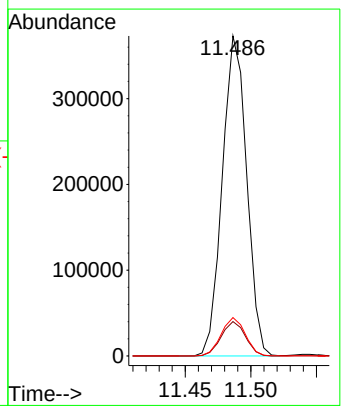


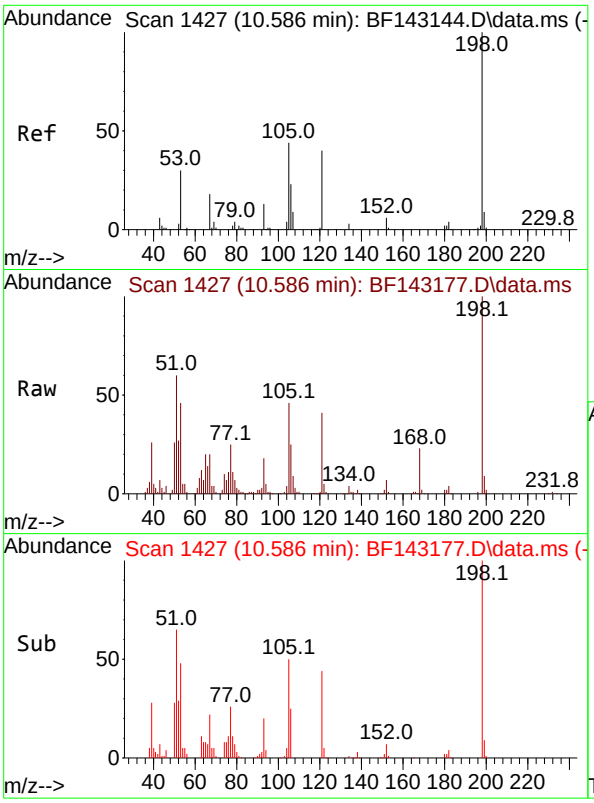




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:188 Resp: 481775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 8.3 | 12.5 |
| 80 | 12.0 | 9.0 | 13.6 |



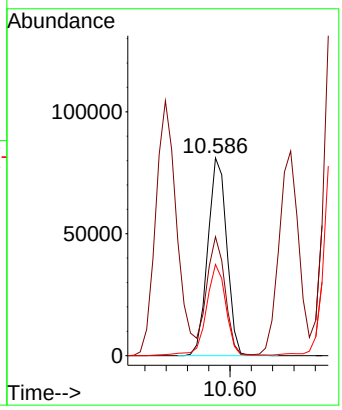


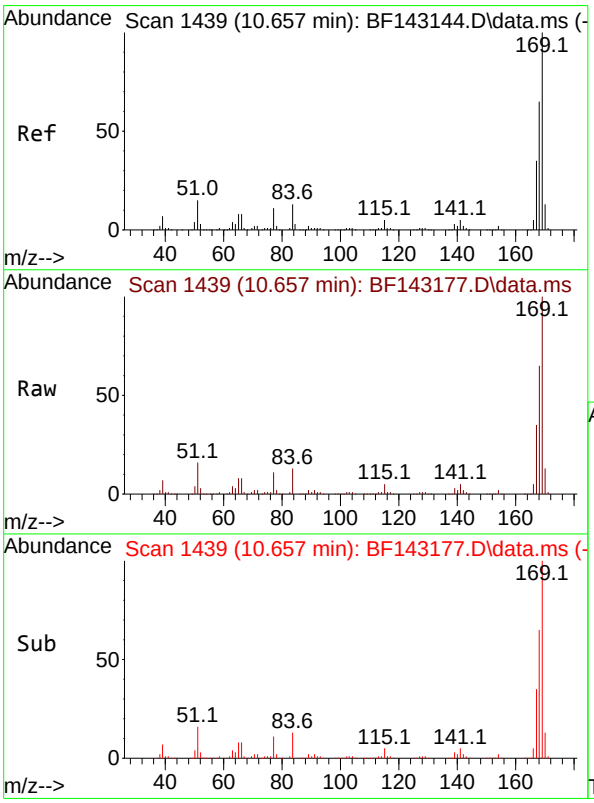

#65
4,6-Dinitro-2-methylphenol
Concen: 40.643 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 100286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 60.1 | 37.2 | 77.2 |
| 105 | 46.2 | 24.8 | 64.8 |

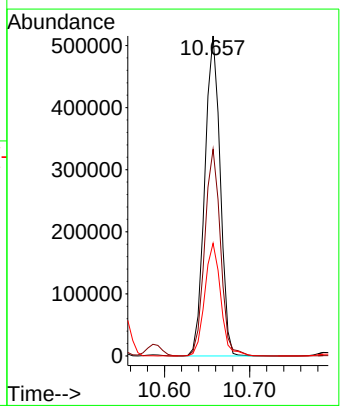


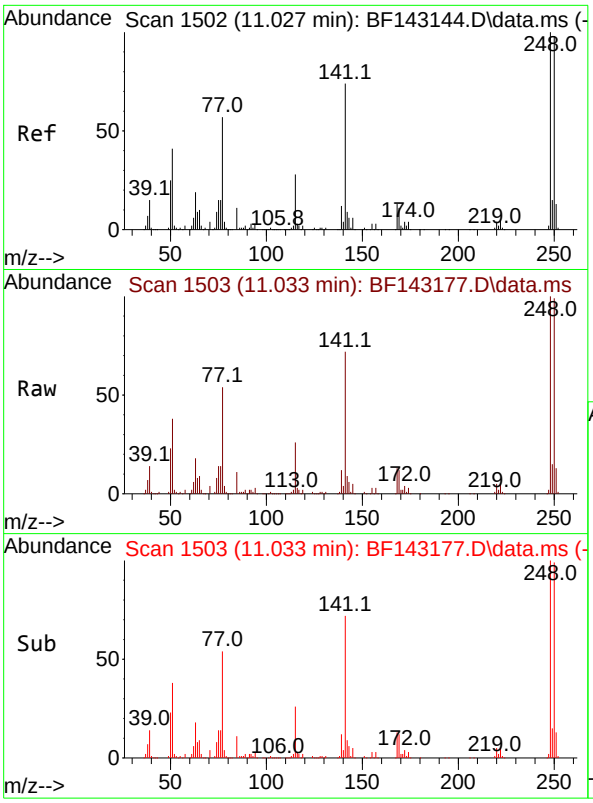




#66
n-Nitrosodiphenylamine
Concen: 38.190 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:169 Resp: 647888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.6 | 52.1 | 78.1 |
| 167 | 35.2 | 28.2 | 42.2 |



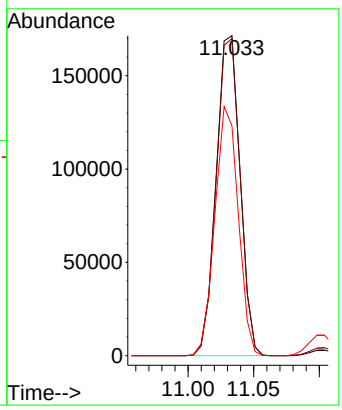


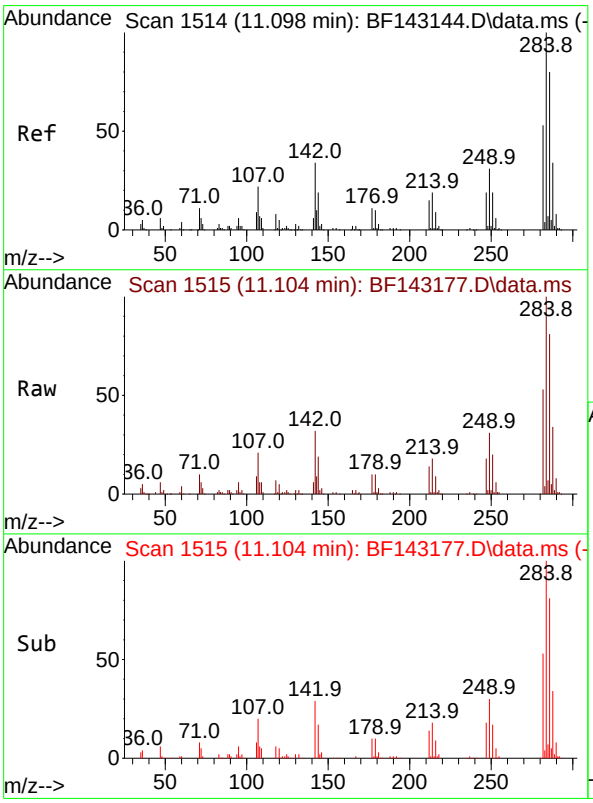

#67
4-Bromophenyl-phenylether
Concen: 37.943 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 217849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.1 | 78.3 | 117.5 |
| 141 | 71.8 | 59.2 | 88.8 |

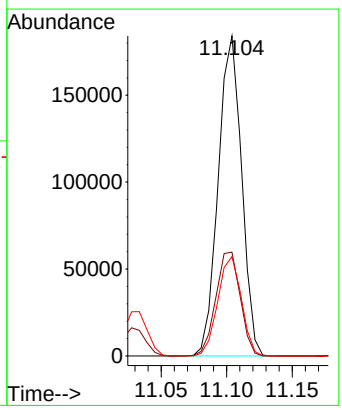


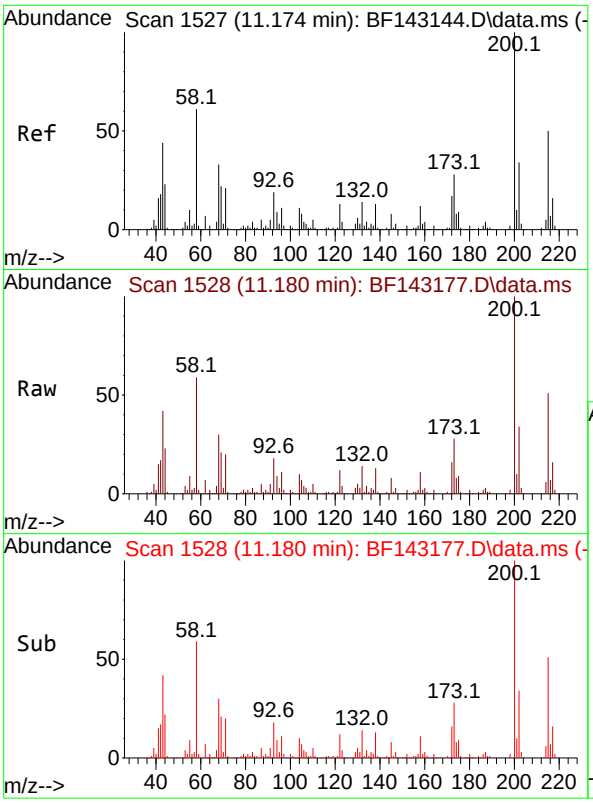




#68
Hexachlorobenzene
Concen: 38.002 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:284 Resp: 228054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.5 | 27.0 | 40.6 |
| 249 | 31.1 | 25.0 | 37.6 |



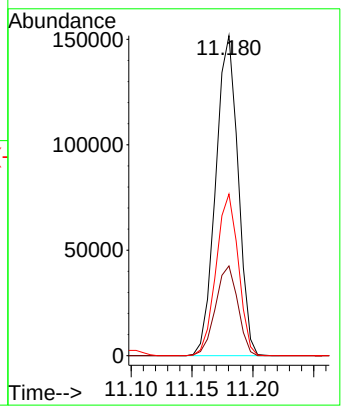


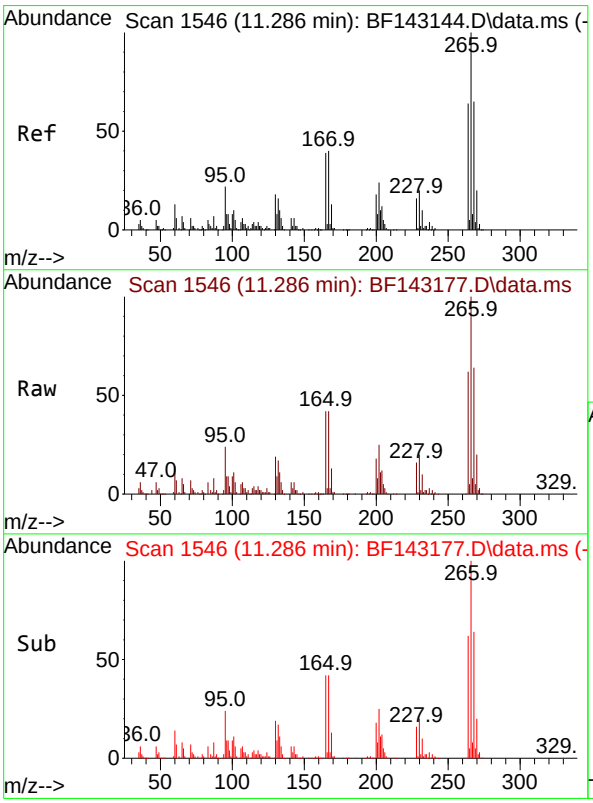

#69
Atrazine
Concen: 41.506 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 194126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.0 | 7.9 | 47.9 |
| 215 | 50.5 | 30.1 | 70.1 |

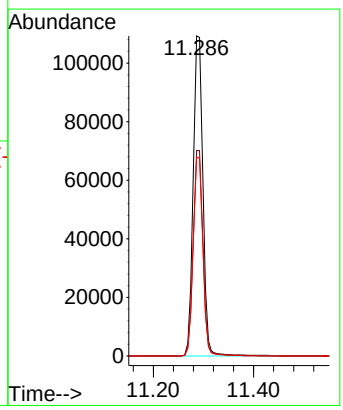


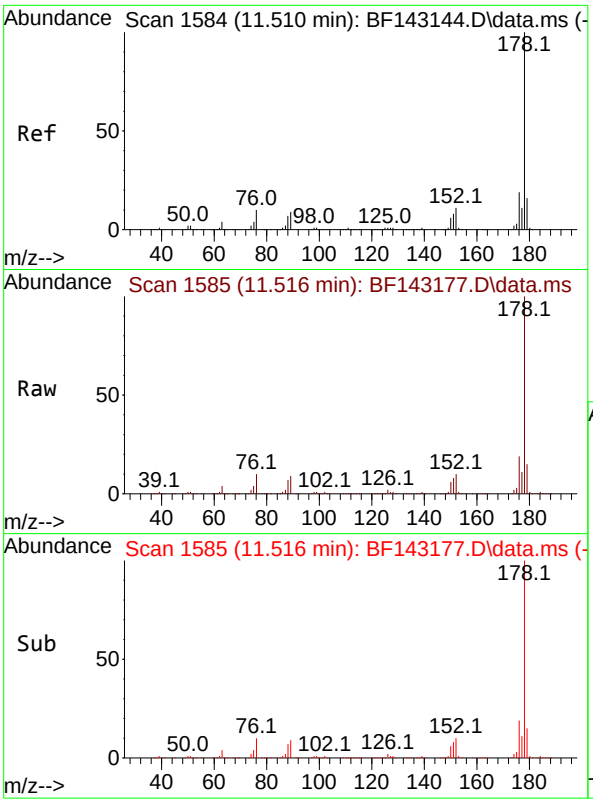




#70
Pentachlorophenol
Concen: 41.596 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:266 Resp: 146798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.9 | 77.9 |
| 264 | 62.2 | 51.0 | 76.6 |



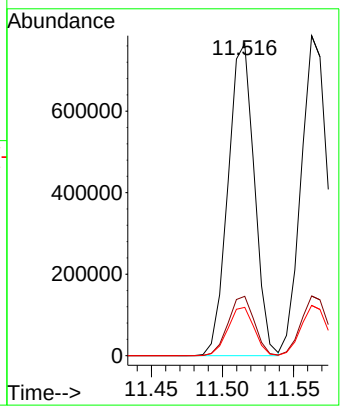


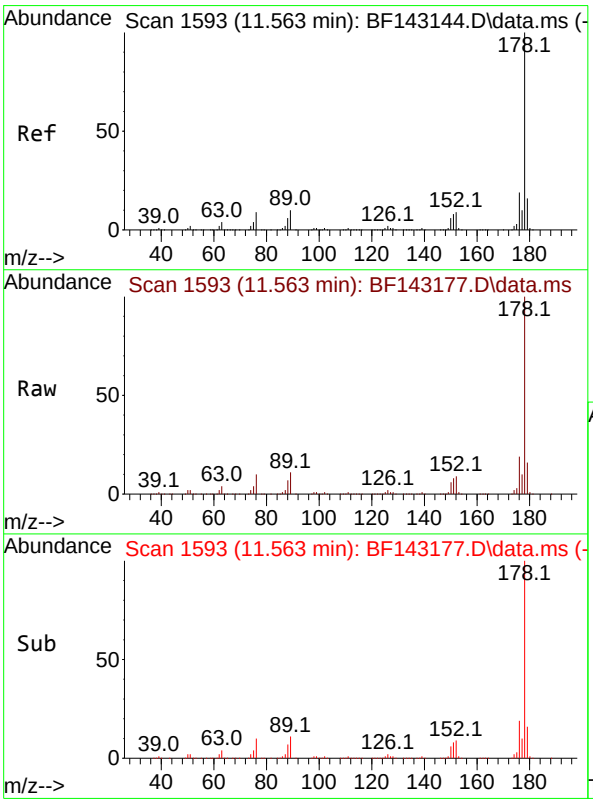

#71
Phenanthrene
Concen: 38.546 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 986033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.5 | 12.5 | 18.7 |

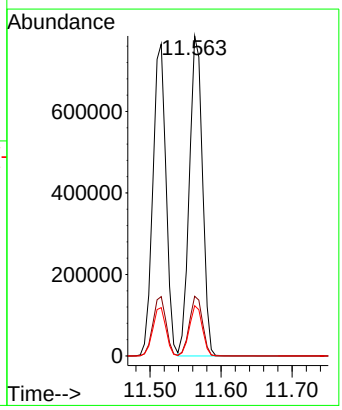


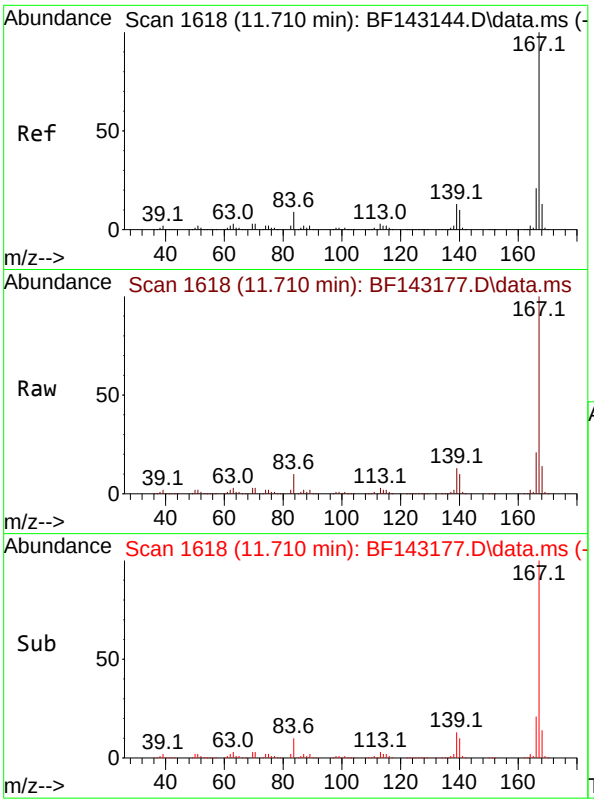




#72
Anthracene
Concen: 38.560 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:178 Resp: 1006010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



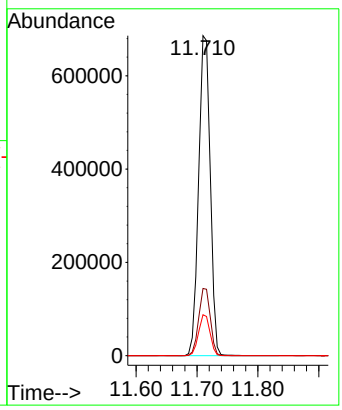


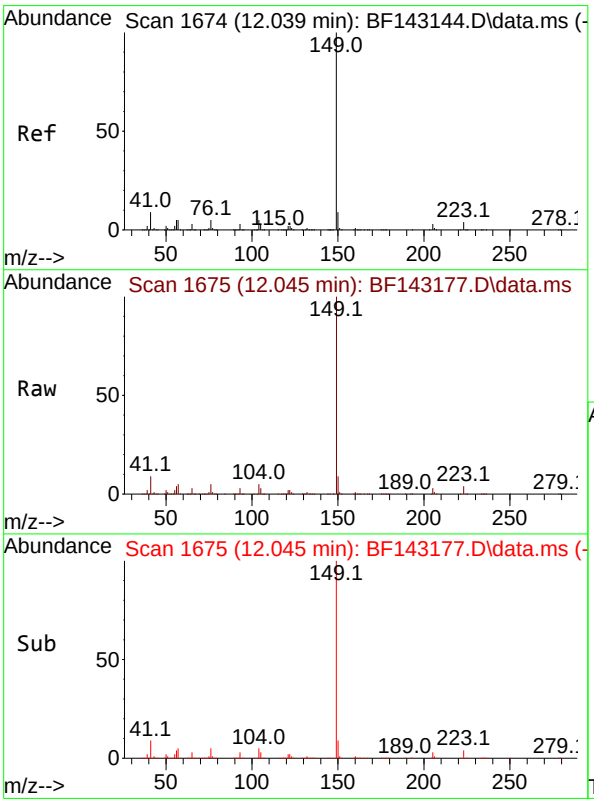

#73
Carbazole
Concen: 39.755 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 905667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.0 | 17.0 | 25.6 |
| 139 | 12.8 | 10.0 | 15.0 |

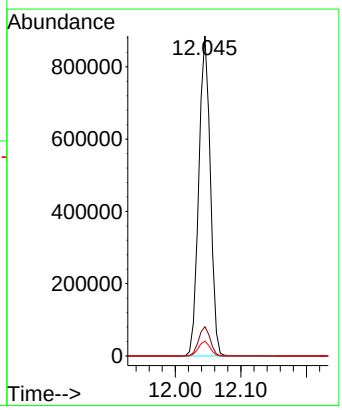


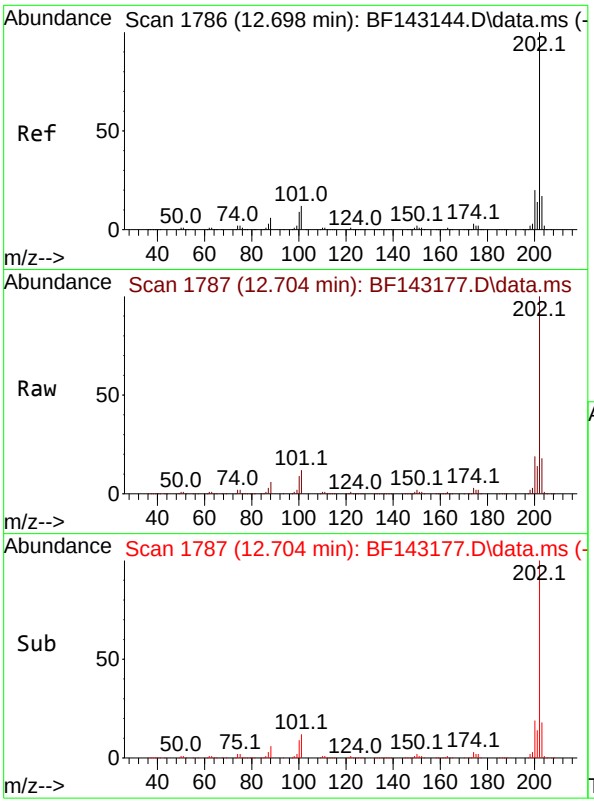




#74
Di-n-butylphthalate
Concen: 42.111 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 1085481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.6 | 3.8 | 5.8 |



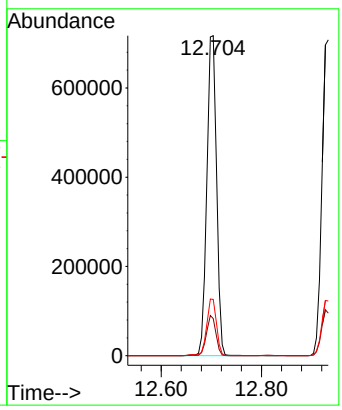


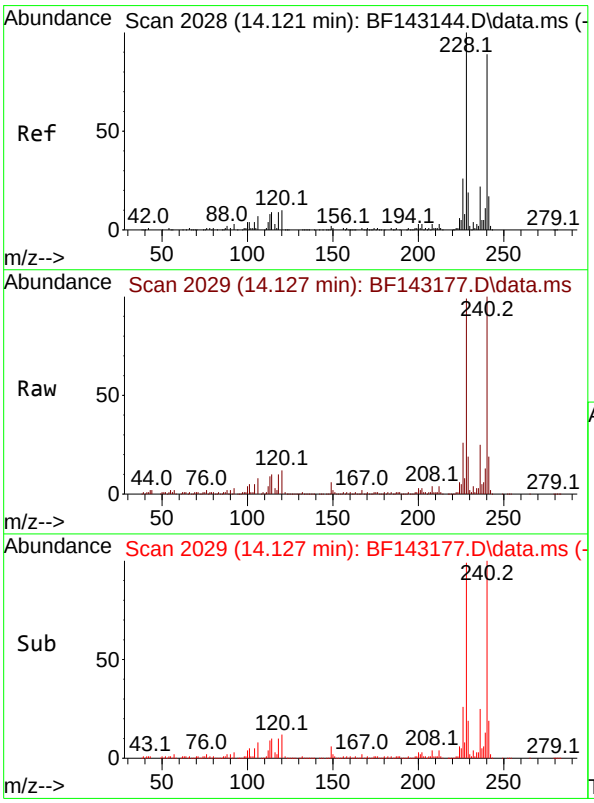

#75
Fluoranthene
Concen: 41.148 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 966154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |

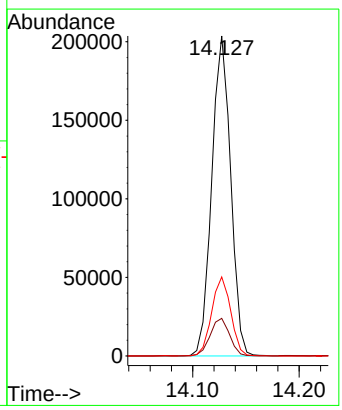


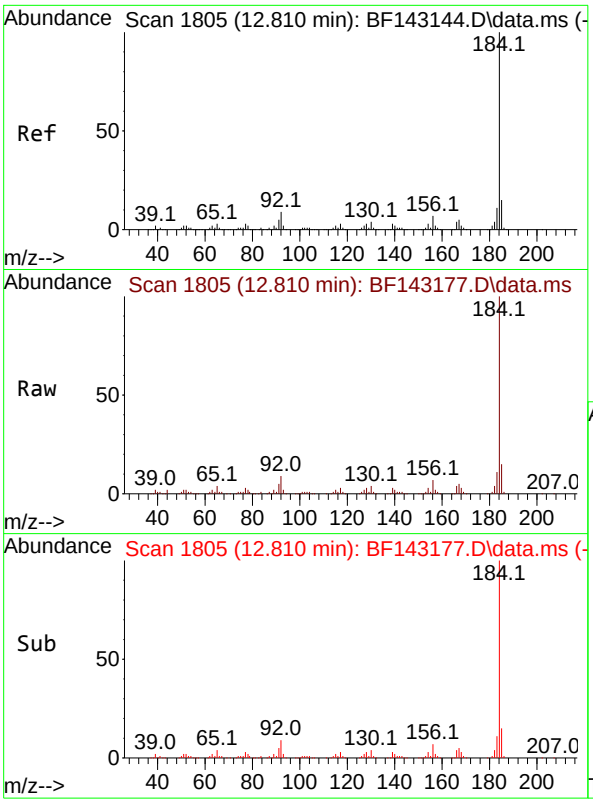




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:240 Resp: 251217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.4 | 14.2 |
| 236 | 24.7 | 20.2 | 30.4 |



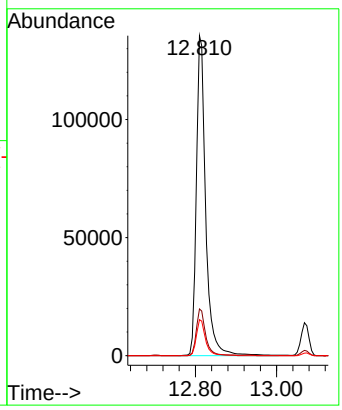


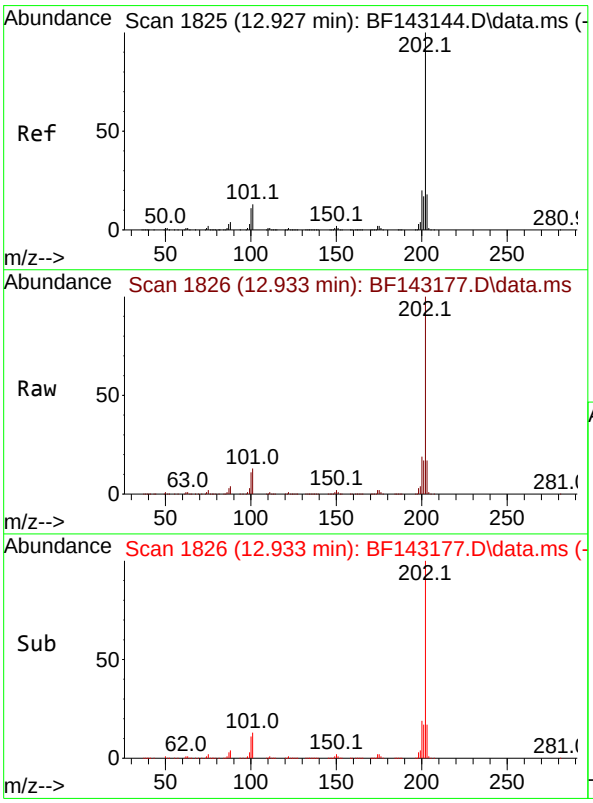

#77
Benzidine
Concen: 22.544 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 218195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.2 | 18.4 |
| 183 | 11.2 | 9.0 | 13.4 |

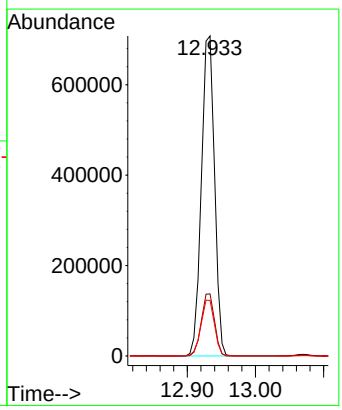


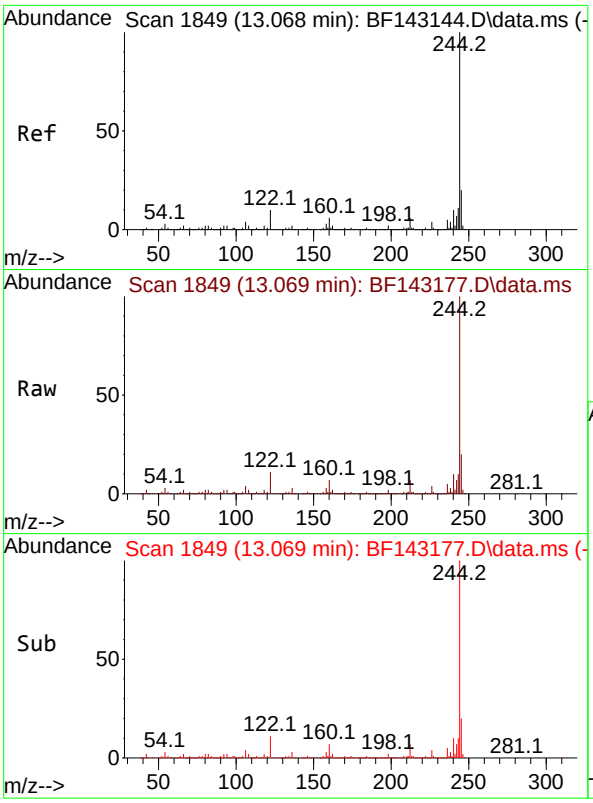




#78
Pyrene
Concen: 44.341 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:202 Resp: 950663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.4 | 15.7 | 23.5 |
| 203 | 17.3 | 14.2 | 21.2 |



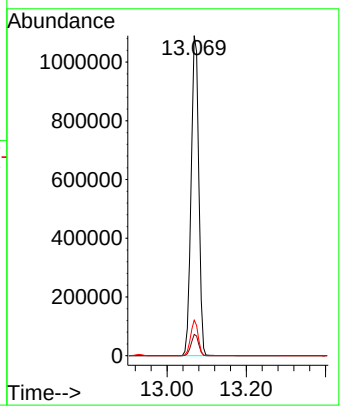


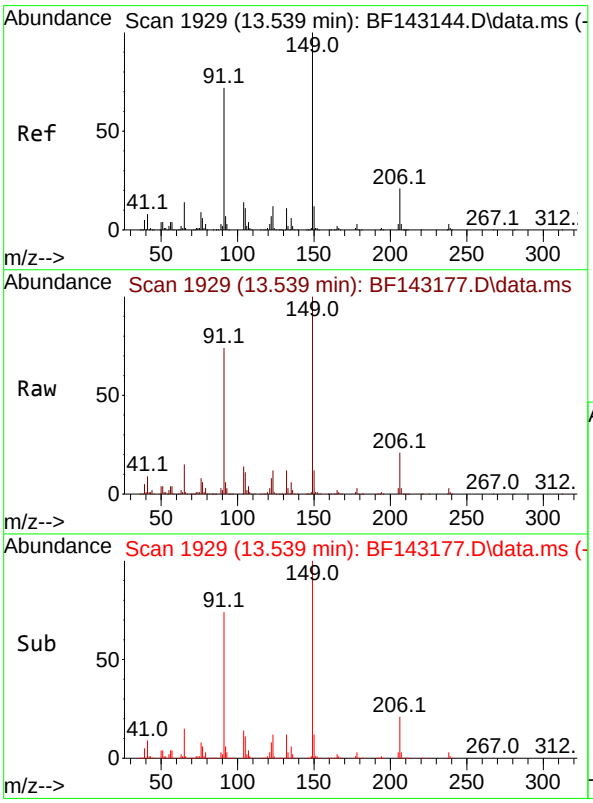

#79
Terphenyl-d14
Concen: 86.285 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 1456637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.1 | 8.2 | 12.2 |

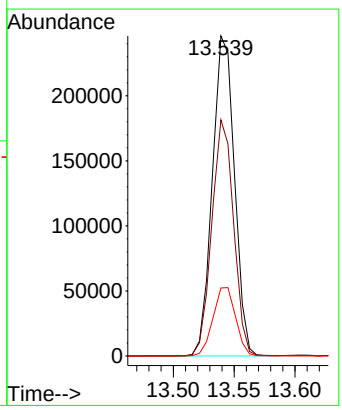


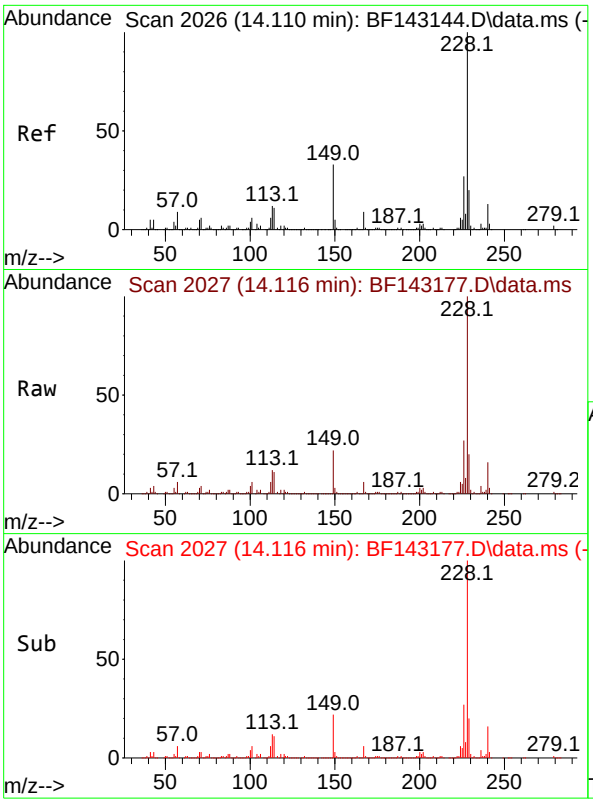




#80
Butylbenzylphthalate
Concen: 47.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 311792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 73.8 | 57.9 | 86.9 |
| 206 | 21.3 | 17.0 | 25.4 |



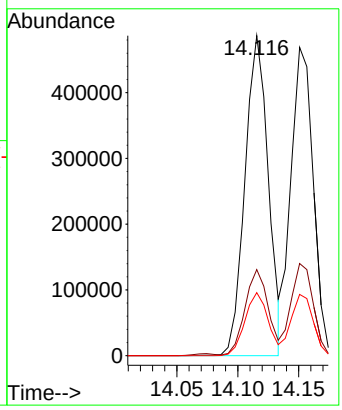


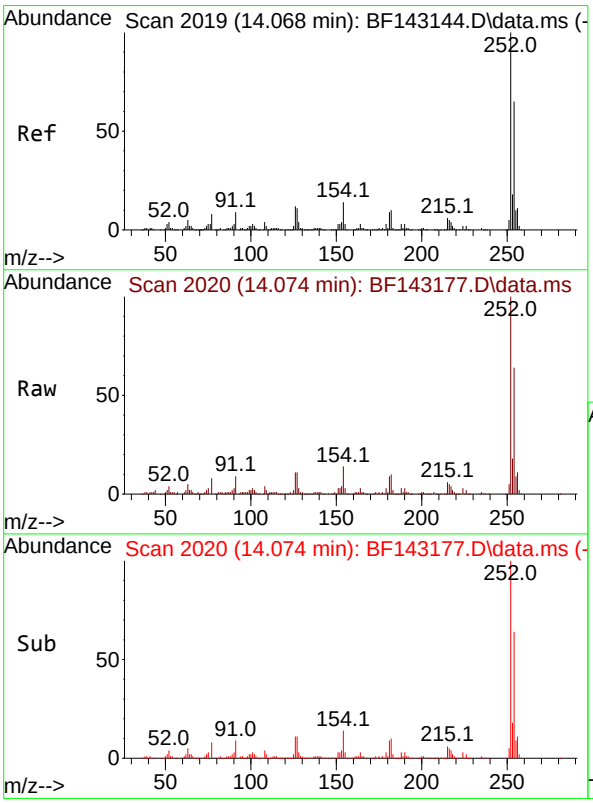

#81
Benzo(a)anthracene
Concen: 38.651 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 650070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.7 | 32.5 |
| 229 | 19.7 | 15.8 | 23.6 |

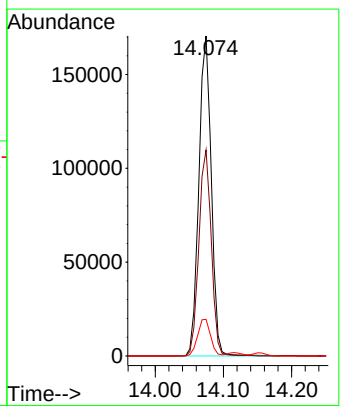


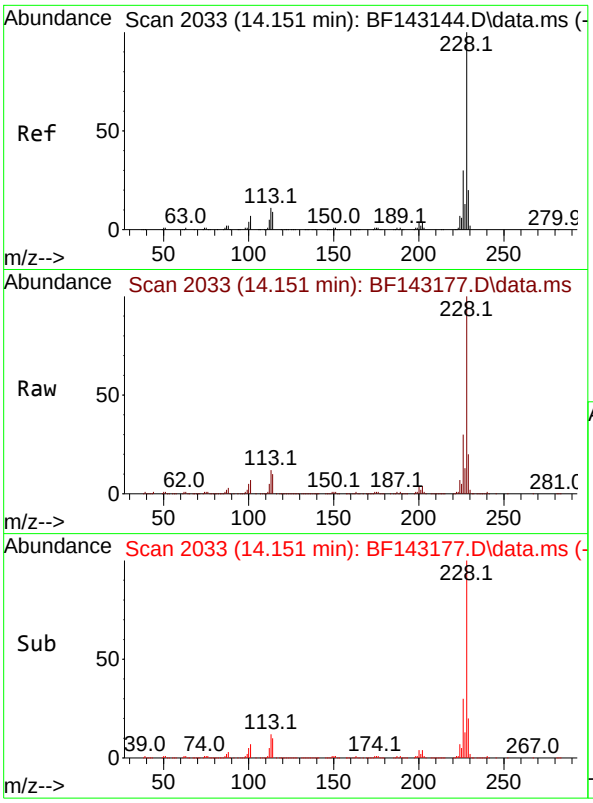




#82
3,3'-Dichlorobenzidine
Concen: 38.517 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 215912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 51.7 | 77.5 |
| 126 | 11.4 | 9.4 | 14.0 |



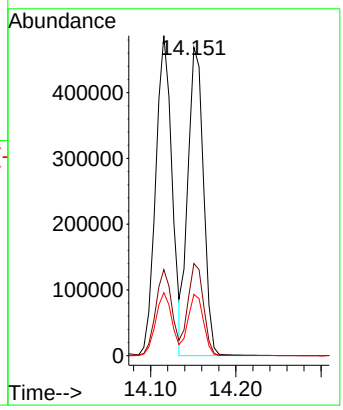


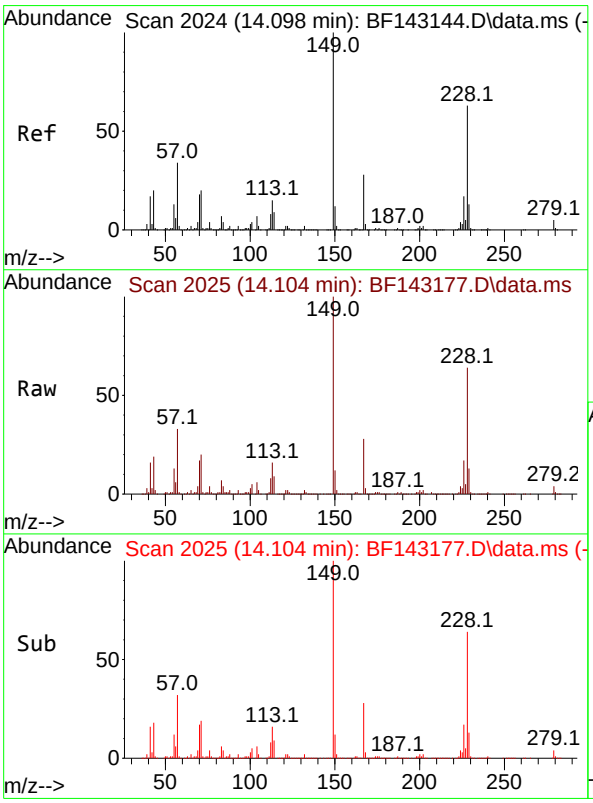

#83
Chrysene
Concen: 39.537 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 597875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.8 | 35.8 |
| 229 | 19.9 | 15.6 | 23.4 |

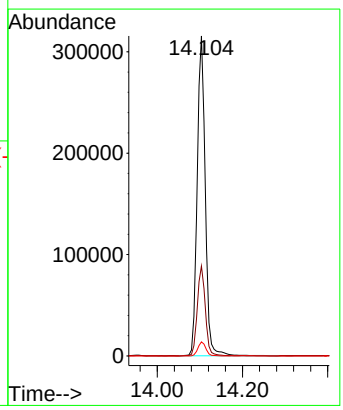


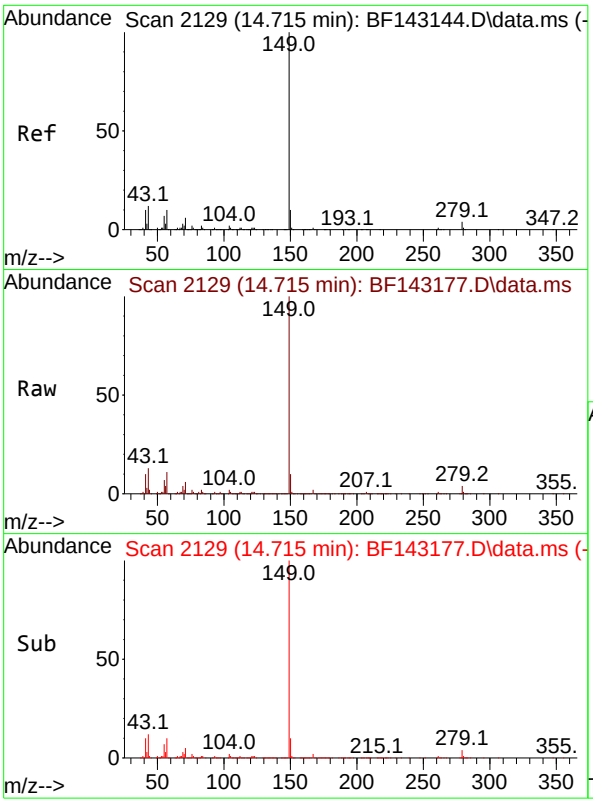




#84
Bis(2-ethylhexyl)phthalate
Concen: 41.663 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:149 Resp: 414006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.4 | 3.6 | 5.4 |



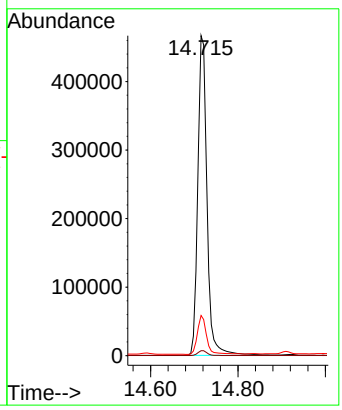


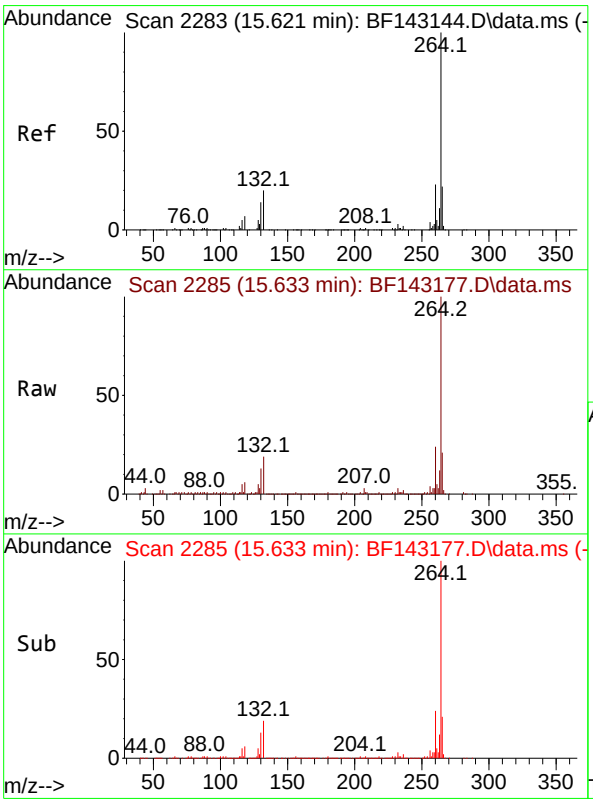

#85
Di-n-octyl phthalate
Concen: 38.026 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 684937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.2 | 9.7 | 14.5 |

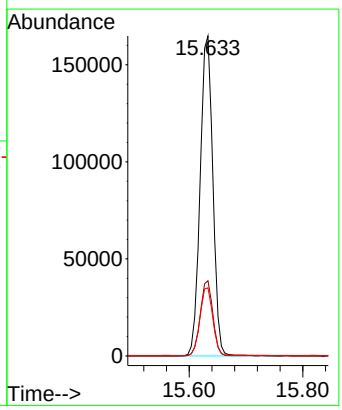


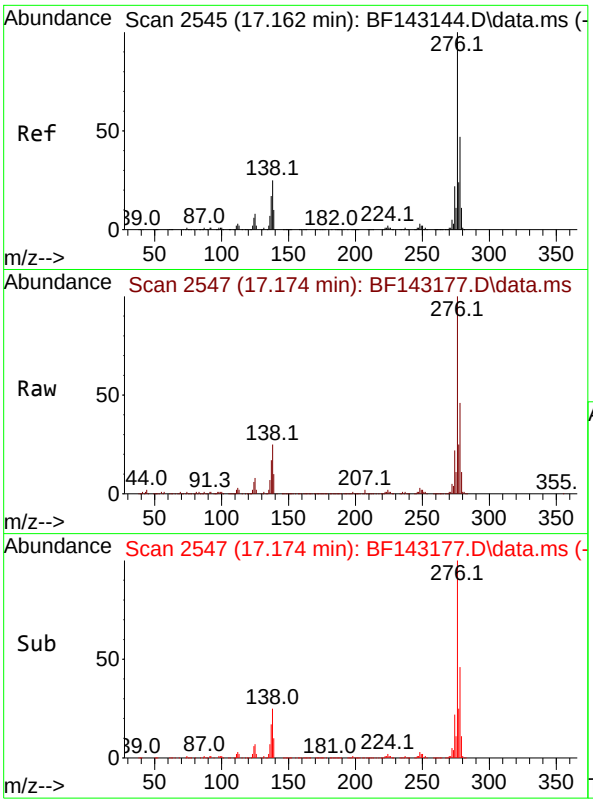




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:264 Resp: 256275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.5 | 27.7 |
| 265 | 21.3 | 17.4 | 26.2 |



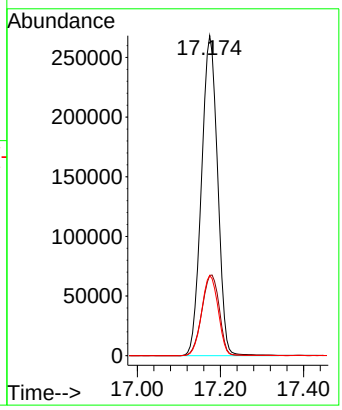


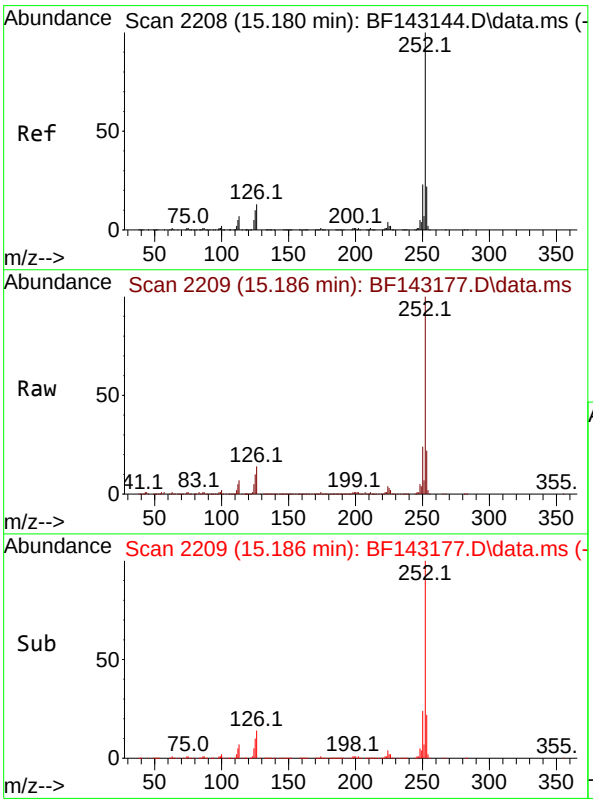

#87
Indeno(1,2,3-cd)pyrene
Concen: 39.981 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 722484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 21.8 | 32.6 |
| 277 | 25.7 | 20.0 | 30.0 |

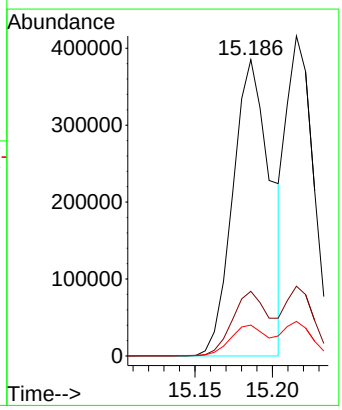


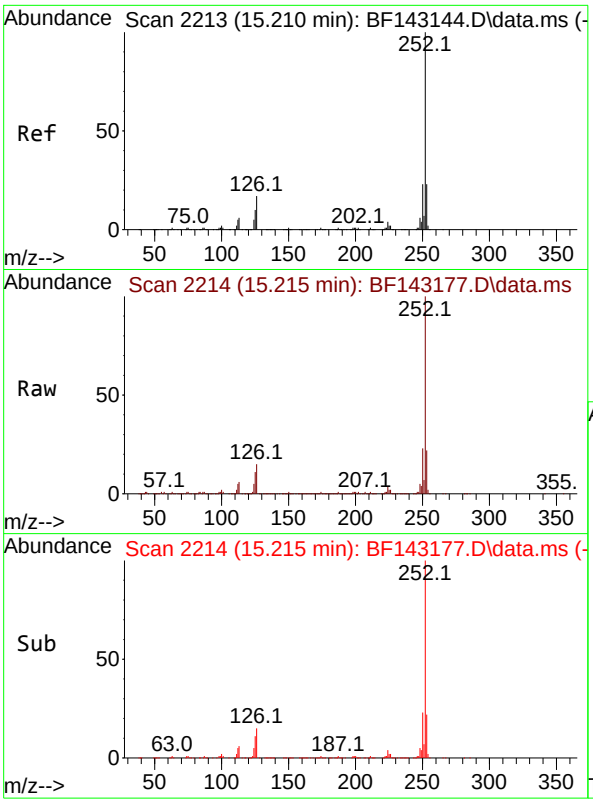




#88
Benzo(b)fluoranthene
Concen: 41.508 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 649846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |



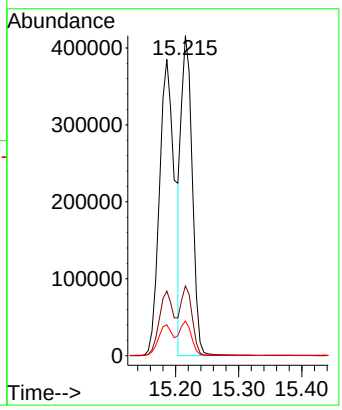


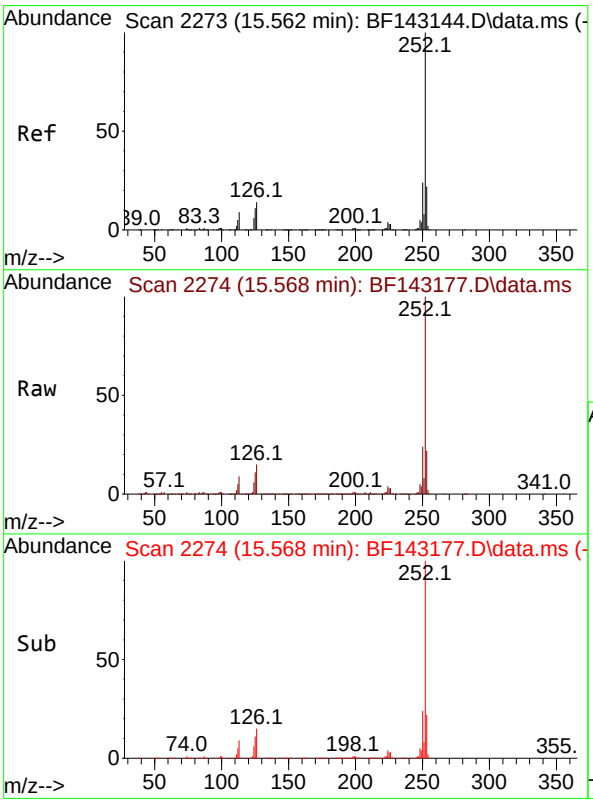

#89
Benzo(k)fluoranthene
Concen: 36.301 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 507153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 10.8 | 8.1 | 12.1 |

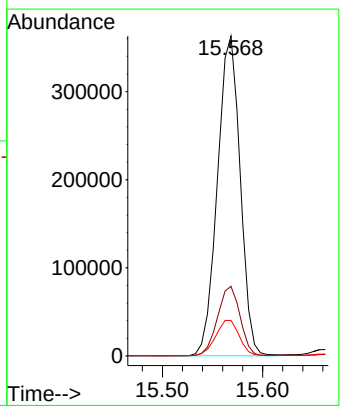


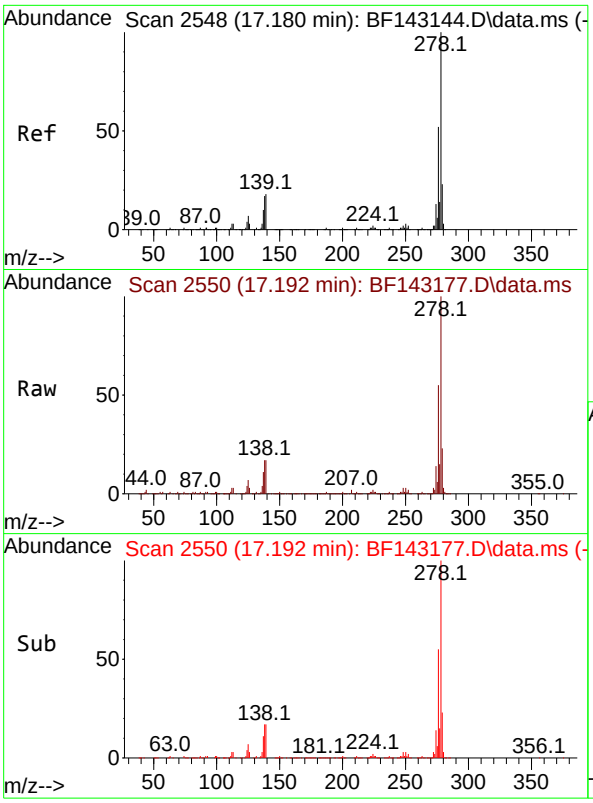




#90
Benzo(a)pyrene
Concen: 39.651 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:252 Resp: 571955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 11.1 | 8.6 | 13.0 |



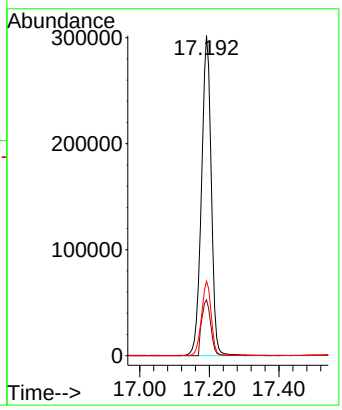


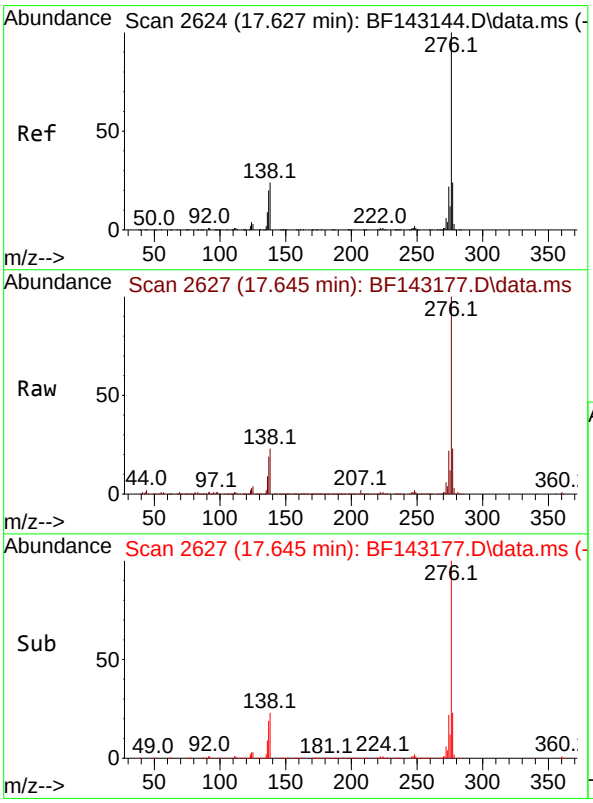

#91
Dibenzo(a,h)anthracene
Concen: 40.175 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 590913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.4 | 14.1 | 21.1 |
| 279 | 23.3 | 18.6 | 28.0 |

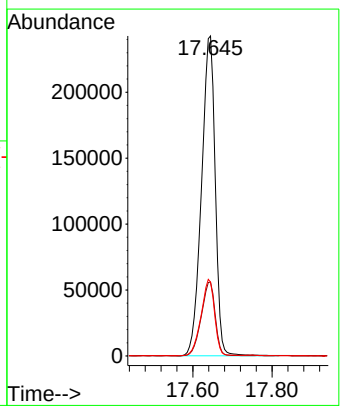



#92
Benzo(g,h,i)perylene
Concen: 40.914 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143177.D
Acq: 22 Jul 2025 08:46

Tgt Ion:276 Resp: 582117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.1 | 28.7 |
| 138 | 23.1 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 2 | | 1,4-Dioxane | 0.598 | 0.585 | 2.2 | 80 | 0.00 |
| 3 | | Pyridine | 1.552 | 1.500 | 3.4 | 81 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.801 | 0.791 | 1.2 | 80 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.264 | 1.232 | 2.5 | 82 | 0.00 |
| 6 | | Aniline | 2.217 | 2.172 | 2.0 | 81 | 0.00 |
| 7 | S | Phenol-d6 | 1.591 | 1.553 | 2.4 | 82 | 0.00 |
| 8 | | 2-Chlorophenol | 1.325 | 1.316 | 0.7 | 83 | 0.00 |
| 9 | | Benzaldehyde | 1.193 | 3.850 | -222.7# | 220# | 0.00 |
| 10 | C | Phenol | 1.733 | 1.796 | -3.6 | 86 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.294 | 2.5 | 82 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.439 | 1.406 | 2.3 | 83 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.428 | 1.4 | 83 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.378 | 1.362 | 1.2 | 84 | 0.00 |
| 15 | | Benzyl Alcohol | 1.215 | 1.225 | -0.8 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.461 | 2.438 | 0.9 | 83 | 0.00 |
| 17 | | 2-Methylphenol | 1.114 | 1.106 | 0.7 | 83 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.506 | -0.8 | 84 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.021 | 0.990 | 3.0 | 83 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.351 | 1.380 | -2.1 | 85 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 22 | | Acetophenone | 0.474 | 0.452 | 4.6 | 84 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.401 | 0.400 | 0.2 | 85 | 0.00 |
| 24 | | Nitrobenzene | 0.374 | 0.373 | 0.3 | 84 | 0.00 |
| 25 | | Isophorone | 0.708 | 0.698 | 1.4 | 85 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.162 | 0.172 | -6.2 | 84 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.331 | 0.323 | 2.4 | 84 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.425 | 0.411 | 3.3 | 84 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.279 | 0.274 | 1.8 | 84 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.291 | 3.6 | 83 | 0.00 |
| 31 | | Naphthalene | 0.985 | 0.952 | 3.4 | 84 | 0.00 |
| 32 | | Benzoic acid | 0.169 | 0.194 | -14.8 | 91 | 0.00 |
| 33 | | 4-Chloroaniline | 0.402 | 0.395 | 1.7 | 85 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.179 | 2.7 | 83 | 0.00 |
| 35 | | Caprolactam | 0.084 | 0.092 | -9.5 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.303 | 0.304 | -0.3 | 85 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.599 | 0.584 | 2.5 | 85 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.617 | 0.609 | 1.3 | 86 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.577 | 0.542 | 6.1 | 85 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.376 | 0.365 | 2.9 | 85 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.207 | 0.215 | -3.9 | 88 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.387 | 3.3 | 87 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.400 | 0.396 | 1.0 | 85 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.462 | 1.361 | 6.9 | 87 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.560 | 1.485 | 4.8 | 86 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.099 | 4.8 | 86 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.362 | 0.383 | -5.8 | 88 | 0.00 |
| 49 | | Acenaphthylene | 1.935 | 1.864 | 3.7 | 87 | 0.00 |
| 50 | | Dimethylphthalate | 1.304 | 1.287 | 1.3 | 87 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.265 | 0.284 | -7.2 | 89 | 0.00 |
| 52 | C | Acenaphthene | 1.144 | 1.105 | 3.4 | 87 | 0.00 |
| 53 | | 3-Nitroaniline | 0.310 | 0.318 | -2.6 | 87 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.098 | 0.119 | -21.4 | 99 | 0.00 |
| 55 | | Dibenzofuran | 1.698 | 1.642 | 3.3 | 87 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.237 | -2.2 | 84 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.363 | -9.0 | 89 | 0.00 |
| 58 | | Fluorene | 1.274 | 1.229 | 3.5 | 88 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.331 | 0.340 | -2.7 | 89 | 0.00 |
| 60 | | Diethylphthalate | 1.289 | 1.298 | -0.7 | 88 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.635 | 0.619 | 2.5 | 87 | 0.00 |
| 62 | | 4-Nitroaniline | 0.266 | 0.279 | -4.9 | 86 | 0.00 |
| 63 | | Azobenzene | 1.343 | 1.341 | 0.1 | 88 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.094 | 0.104 | -10.6 | 95 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.704 | 0.672 | 4.5 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.238 | 0.226 | 5.0 | 88 | 0.00 |
| 68 | | Hexachlorobenzene | 0.249 | 0.237 | 4.8 | 88 | 0.00 |
| 69 | | Atrazine | 0.194 | 0.201 | -3.6 | 91 | 0.00 |
| 70 | C | Pentachlorophenol | 0.147 | 0.152 | -3.4 | 91 | 0.00 |
| 71 | | Phenanthrene | 1.062 | 1.023 | 3.7 | 89 | 0.00 |
| 72 | | Anthracene | 1.083 | 1.044 | 3.6 | 89 | 0.00 |
| 73 | | Carbazole | 0.946 | 0.940 | 0.6 | 90 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.127 | -5.3 | 93 | 0.00 |
| 75 | C | Fluoranthene | 0.975 | 1.003 | -2.9 | 93 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 77 | | Benzidine | 0.771 | 0.434 | 43.7# | 39# | 0.00 |
| 78 | | Pyrene | 1.707 | 1.892 | -10.8 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.344 | 1.450 | -7.9 | 94 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.621 | -18.7 | 97 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.294 | 3.4 | 86 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.446 | 0.430 | 3.6 | 85 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.190 | 1.2 | 84 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.824 | -4.2 | 88 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.434 | 1.363 | 5.0 | 84 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.410 | 1.410 | 0.0 | 79 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 1.222 | 1.268 | -3.8 | 88 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.090 | 0.989 | 9.3 | 69 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.126 | 1.116 | 0.9 | 79 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.148 | 1.153 | -0.4 | 80 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.110 | 1.136 | -2.3 | 81 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 82 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.132 | 2.2 | 80 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.657 | 3.4 | 81 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.459 | 1.4 | 80 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.959 | 2.6 | 82 | 0.00 |
| 6 | | Aniline | 40.000 | 39.186 | 2.0 | 81 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.075 | 2.4 | 82 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.740 | 0.6 | 83 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 129.116 | -222.8# | 220 | 0.00 |
| 10 | C | Phenol | 40.000 | 41.450 | -3.6 | 86 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.997 | 2.5 | 82 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.079 | 2.3 | 83 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.415 | 1.5 | 83 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.536 | 1.2 | 84 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.325 | -0.8 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.617 | 1.0 | 83 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.715 | 0.7 | 83 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.337 | -0.8 | 84 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 38.818 | 3.0 | 83 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.856 | -2.1 | 85 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 84 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.166 | 4.6 | 84 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.820 | 0.2 | 85 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.931 | 0.2 | 84 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.403 | 1.5 | 85 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.420 | -6.1 | 84 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.039 | 2.4 | 84 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.742 | 3.1 | 84 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.284 | 1.8 | 84 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.597 | 3.5 | 83 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.661 | 3.3 | 84 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.399 | -6.0 | 91 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.296 | 1.8 | 85 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.797 | 3.0 | 83 | 0.00 |
| 35 | | Caprolactam | 40.000 | 43.497 | -8.7 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.031 | -0.1 | 85 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.948 | 2.6 | 85 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.448 | 1.4 | 86 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 86 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.530 | 6.2 | 85 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 38.857 | 2.9 | 85 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 83.135 | -3.9 | 88 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 38.716 | 3.2 | 87 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.609 | 1.0 | 85 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 74.477 | 6.9 | 87 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.059 | 4.9 | 86 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.067 | 4.8 | 86 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.277 | -5.7 | 88 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.541 | 3.6 | 87 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.501 | 1.2 | 87 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 42.869 | -7.2 | 89 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.656 | 3.4 | 87 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.017 | -2.5 | 87 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 43.071 | -7.7 | 99 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 38.679 | 3.3 | 87 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.010 | -2.5 | 84 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 43.658 | -9.1 | 89 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.582 | 3.5 | 88 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.130 | -2.8 | 89 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.297 | -0.7 | 88 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.006 | 2.5 | 87 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.030 | -5.1 | 86 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.955 | 0.1 | 88 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 89 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.643 | -1.6 | 95 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.190 | 4.5 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 37.943 | 5.1 | 88 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 38.002 | 5.0 | 88 | 0.00 |
| 69 | | Atrazine | 40.000 | 41.506 | -3.8 | 91 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.596 | -4.0 | 91 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 38.546 | 3.6 | 89 | 0.00 |
| 72 | | Anthracene | 40.000 | 38.560 | 3.6 | 89 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.755 | 0.6 | 90 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.111 | -5.3 | 93 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 41.148 | -2.9 | 93 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 85 | 0.00 |
| 77 | | Benzidine | 40.000 | 22.544 | 43.6# | 39 | 0.00 |
| 78 | | Pyrene | 40.000 | 44.341 | -10.9 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 86.285 | -7.9 | 94 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 47.491 | -18.7 | 97 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.651 | 3.4 | 86 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 38.517 | 3.7 | 85 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.537 | 1.2 | 84 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 41.663 | -4.2 | 88 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.026 | 4.9 | 84 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 79 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.981 | 0.0 | 79 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 41.508 | -3.8 | 88 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 36.301 | 9.2 | 69 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.651 | 0.9 | 79 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.175 | -0.4 | 80 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.914 | -2.3 | 81 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/22/2025 13:55

Lab File ID: BF143187.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.264 | 1.228 | | -2.8 | 50.0 |
| Phenol-d6 | 1.591 | 1.539 | | -3.3 | 50.0 |
| Nitrobenzene-d5 | 0.401 | 0.404 | | 0.7 | 50.0 |
| Naphthalene | 0.985 | 0.970 | | -1.5 | 50.0 |
| 2-Methylnaphthalene | 0.599 | 0.591 | | -1.3 | 50.0 |
| 2-Fluorobiphenyl | 1.462 | 1.449 | | -0.9 | 50.0 |
| Acenaphthylene | 1.935 | 1.914 | | -1.1 | 50.0 |
| Acenaphthene | 1.144 | 1.157 | | 1.1 | 50.0 |
| Fluorene | 1.274 | 1.255 | | -1.5 | 50.0 |
| 2,4,6-Tribromophenol | 0.207 | 0.214 | | 3.4 | 50.0 |
| Phenanthrene | 1.062 | 1.050 | | -1.1 | 50.0 |
| Anthracene | 1.083 | 1.076 | | -0.6 | 50.0 |
| Fluoranthene | 0.975 | 1.020 | | 4.6 | 50.0 |
| Pyrene | 1.707 | 1.544 | | -9.5 | 50.0 |
| Terphenyl-d14 | 1.344 | 1.184 | | -11.9 | 50.0 |
| Benzo(a)anthracene | 1.339 | 1.284 | | -4.1 | 50.0 |
| Chrysene | 1.204 | 1.210 | | 0.5 | 50.0 |
| Benzo(b)fluoranthene | 1.222 | 1.221 | | -0.1 | 50.0 |
| Benzo(k)fluoranthene | 1.090 | 1.049 | | -3.8 | 50.0 |
| Benzo(a)pyrene | 1.126 | 1.119 | | -0.6 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.410 | 1.321 | | -6.3 | 50.0 |
| Dibenzo(a,h)anthracene | 1.148 | 1.070 | | -6.8 | 50.0 |
| Benzo(g,h,i)perylene | 1.110 | 1.026 | | -7.6 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 111012 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 422094 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 210926 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 343518 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 225021 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 256485 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 545451 | 77.753 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 683542 | 77.413 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 682159 | 80.559 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 180390 | 82.786 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1222876 | 79.290 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1065941 | 70.493 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.804 | 88 | 127151 | 38.305 | ng | | 99 |
| 3) Pyridine | 3.581 | 79 | 330042 | 38.307 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.516 | 42 | 171619 | 38.581 | ng | | 99 |
| 6) Aniline | 6.628 | 93 | 472751 | 38.416 | ng | | 98 |
| 8) 2-Chlorophenol | 6.751 | 128 | 287831 | 39.143 | ng | | 98 |
| 9) Benzaldehyde | 6.516 | 77 | 247030 | 37.310 | ng | | 99 |
| 10) Phenol | 6.598 | 94 | 396833 | 41.254 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 283947 | 38.553 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 314817 | 39.411 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 315046 | 39.163 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 301343 | 39.385 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 264441 | 39.223 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239 | 45 | 542587 | 39.713 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 243112 | 39.321 | ng | | 98 |
| 18) Hexachloroethane | 7.481 | 117 | 112222 | 40.297 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 210871 | 37.224 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 301964 | 40.254 | ng | # | 82 |
| 22) Acetophenone | 7.369 | 105 | 384155 | 38.442 | ng | # | 98 |
| 24) Nitrobenzene | 7.539 | 77 | 314726 | 39.866 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 564494 | 37.763 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 151024 | 44.078 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 270134 | 38.679 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 348359 | 38.868 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 232204 | 39.425 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 250252 | 39.329 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 818994 | 39.398 | ng | | 99 |
| 32) Benzoic acid | 7.981 | 122 | 166968 | 43.041 | ng | | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 329590 | 38.830 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 154282 | 39.691 | ng | | 99 |
| 35) Caprolactam | 8.675 | 113 | 70018 | 39.340 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 247616 | 38.680 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 499061 | 39.453 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 512869 | 39.373 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 244698 | 40.183 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 163162 | 41.178 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 164611 | 39.058 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

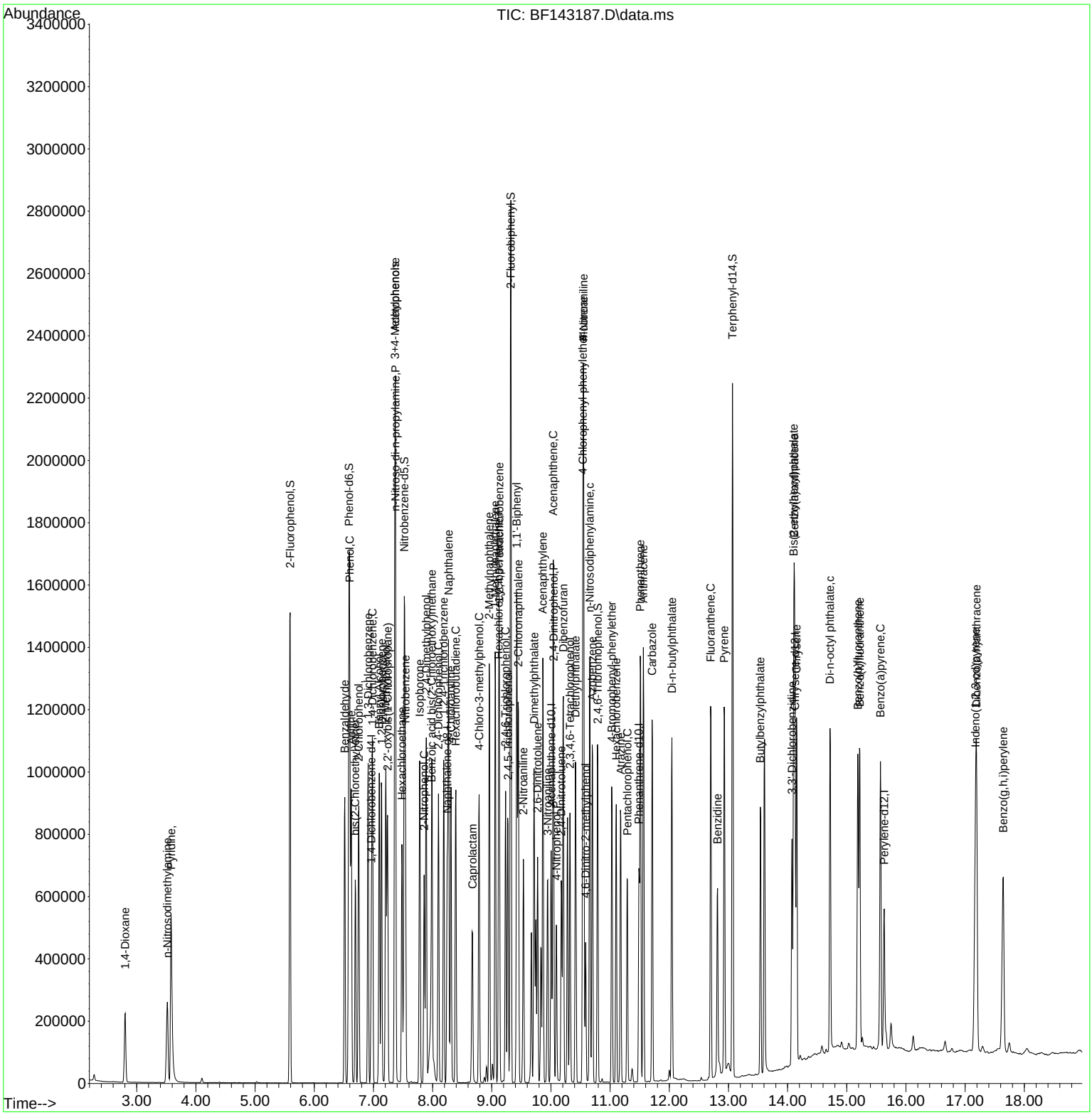
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 175359 | 41.595 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 657180 | 39.935 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 481986 | 39.583 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 162985 | 42.683 | ng | 98 |
| 49) Acenaphthylene | 9.863 | 152 | 807496 | 39.572 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 540541 | 39.316 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 116280 | 41.575 | ng | 98 |
| 52) Acenaphthene | 10.039 | 154 | 488285 | 40.485 | ng | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 135487 | 41.415 | ng | 99 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 53173 | 45.117 | ng | 79 |
| 55) Dibenzofuran | 10.210 | 168 | 702819 | 39.249 | ng | 99 |
| 56) 4-Nitrophenol | 10.092 | 139 | 104968 | 42.968 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 152315 | 43.407 | ng | 98 |
| 58) Fluorene | 10.551 | 166 | 529342 | 39.388 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 141939 | 40.644 | ng | 99 |
| 60) Diethylphthalate | 10.416 | 149 | 532483 | 39.184 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 268207 | 40.079 | ng | 99 |
| 62) 4-Nitroaniline | 10.551 | 138 | 118821 | 42.379 | ng | 98 |
| 63) Azobenzene | 10.698 | 77 | 561985 | 39.680 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 72865 | 41.312 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 466349 | 38.553 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 159858 | 39.049 | ng | 97 |
| 68) Hexachlorobenzene | 11.104 | 284 | 162131 | 37.891 | ng | 99 |
| 69) Atrazine | 11.180 | 200 | 137101 | 41.112 | ng | 99 |
| 70) Pentachlorophenol | 11.292 | 266 | 106322 | 42.253 | ng | 99 |
| 71) Phenanthrene | 11.510 | 178 | 721419 | 39.552 | ng | 99 |
| 72) Anthracene | 11.563 | 178 | 739139 | 39.733 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 654287 | 40.280 | ng | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 761405 | 41.427 | ng | 99 |
| 75) Fluoranthene | 12.698 | 202 | 700542 | 41.844 | ng | 99 |
| 77) Benzidine | 12.816 | 184 | 345158 | 39.813 | ng | 98 |
| 78) Pyrene | 12.927 | 202 | 694738 | 36.176 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 273396 | 46.491 | ng | 100 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 577684 | 38.346 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 213772 | 42.575 | ng | 99 |
| 83) Chrysene | 14.151 | 228 | 544414 | 40.193 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 393938 | 44.258 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 709014 | 43.945 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.174 | 276 | 677875 | 37.481 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 626330 | 39.973 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 538347 | 38.503 | ng | 99 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 573999 | 39.760 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 549063 | 37.299 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 526414 | 36.968 | ng | 100 |

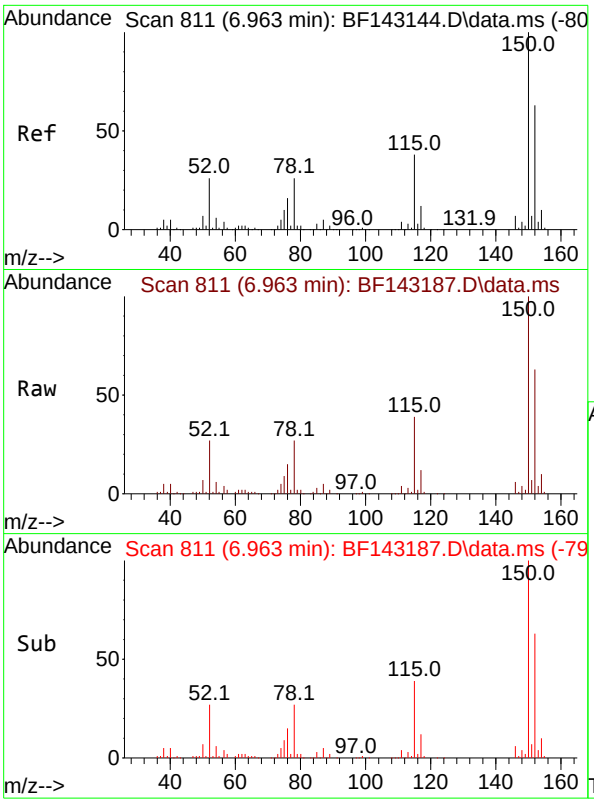
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



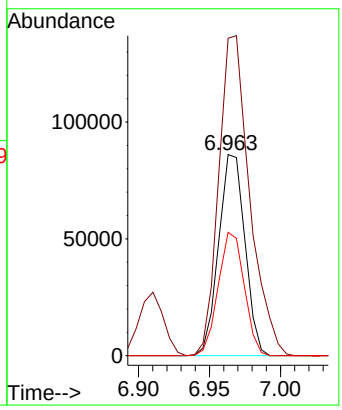


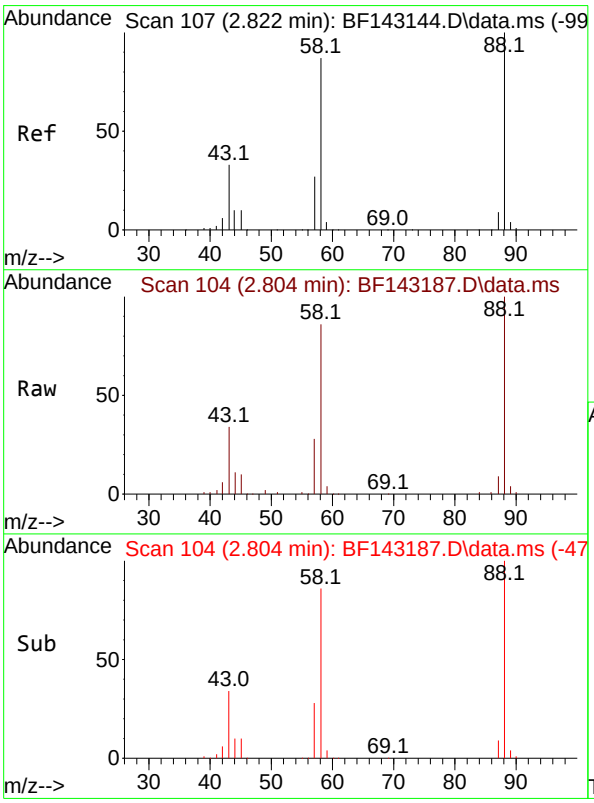

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 111012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 128.2 | 192.4 |
| 115 | 61.3 | 47.9 | 71.9 |

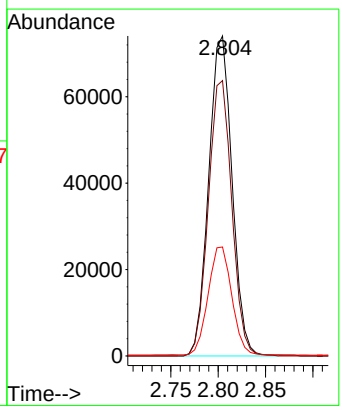


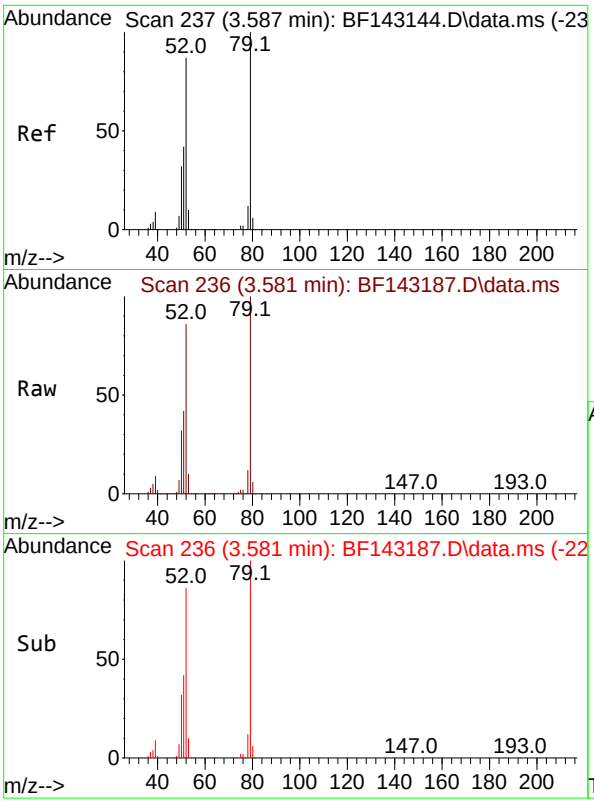




#2
1,4-Dioxane
Concen: 38.305 ng
RT: 2.804 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 88 Resp: 127151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.4 | 70.2 | 105.2 |
| 43 | 34.3 | 27.1 | 40.7 |



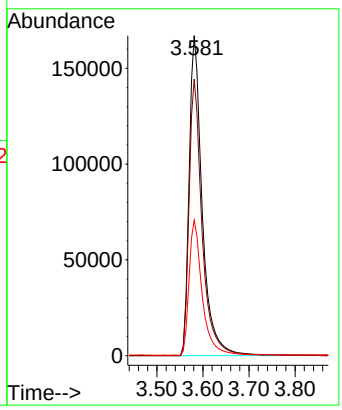


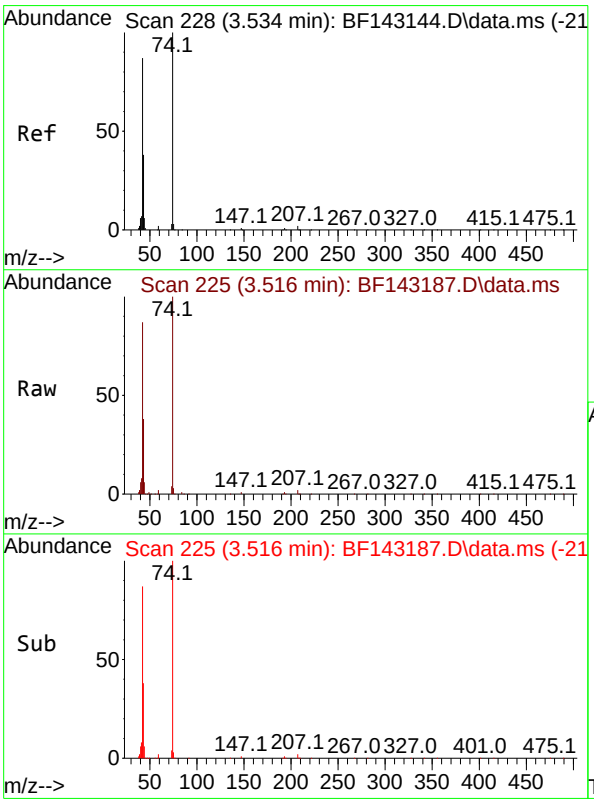

#3
Pyridine
Concen: 38.307 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 330042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.4 | 69.4 | 104.2 |
| 51 | 42.3 | 33.5 | 50.3 |

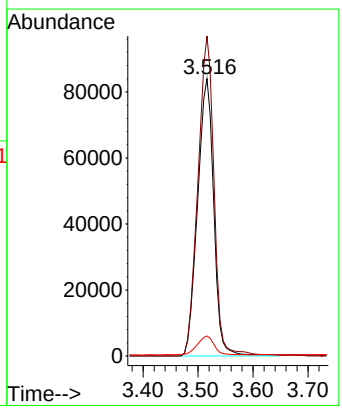


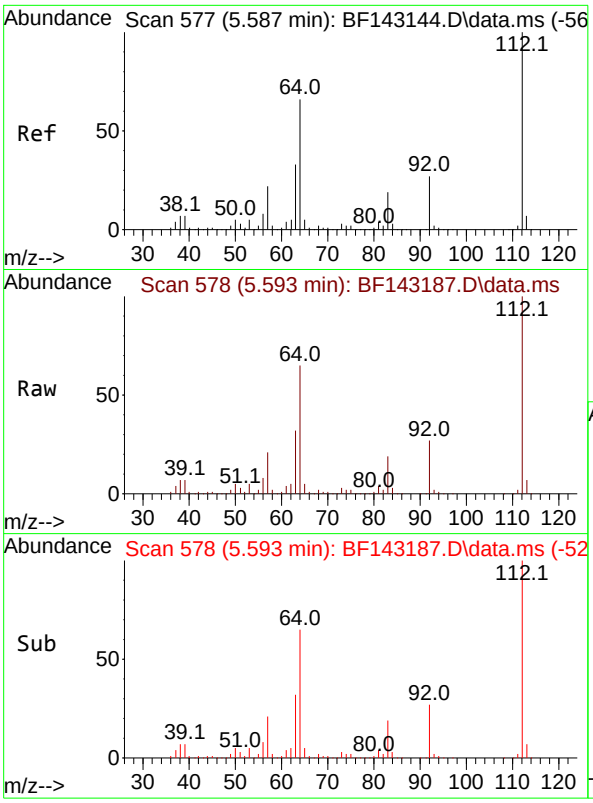




#4
n-Nitrosodimethylamine
Concen: 38.581 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 42 Resp: 171619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.5 | 91.7 | 137.5 |
| 44 | 7.2 | 5.6 | 8.4 |



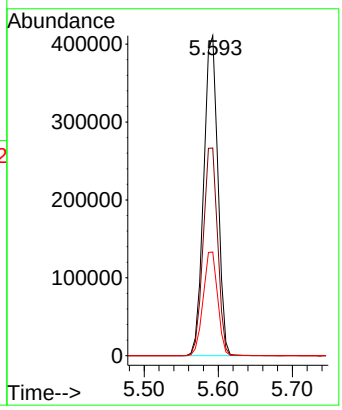


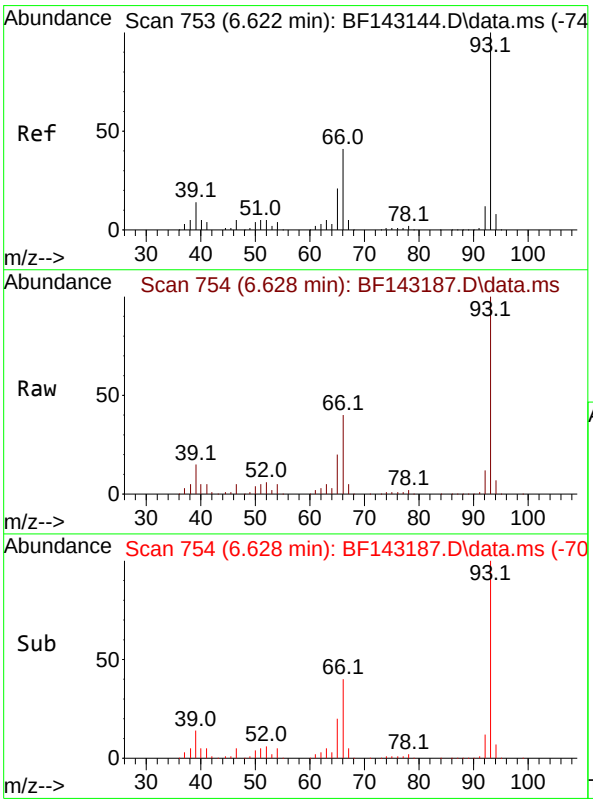

#5
2-Fluorophenol
Concen: 77.753 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 545451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.9 | 53.1 | 79.7 |
| 63 | 32.4 | 26.6 | 40.0 |

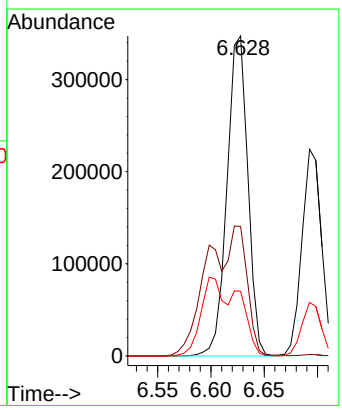


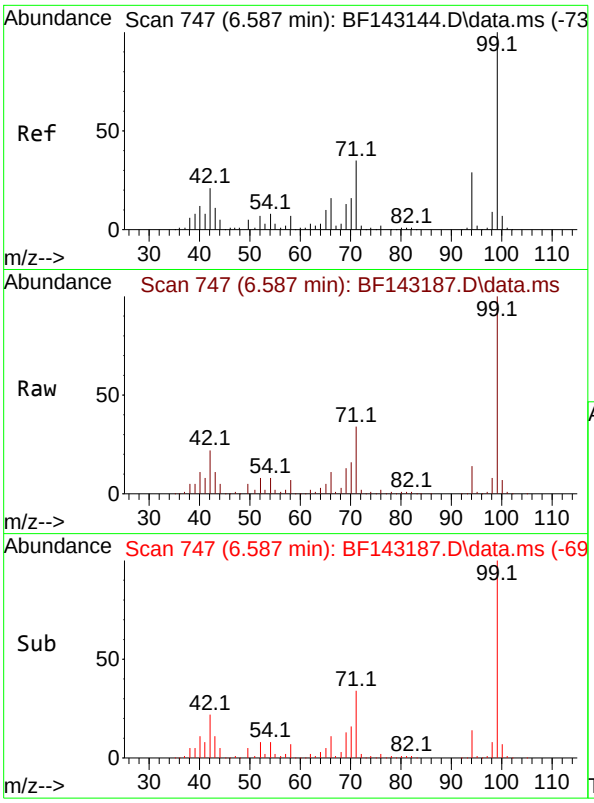




#6
Aniline
Concen: 38.416 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 472751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.5 | 33.2 | 49.8 |
| 65 | 20.2 | 16.9 | 25.3 |



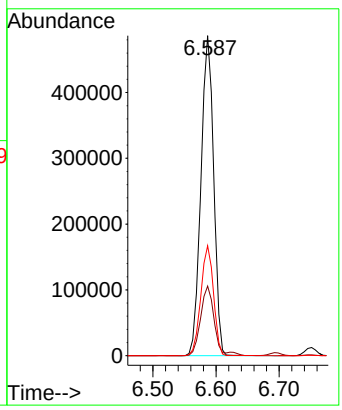


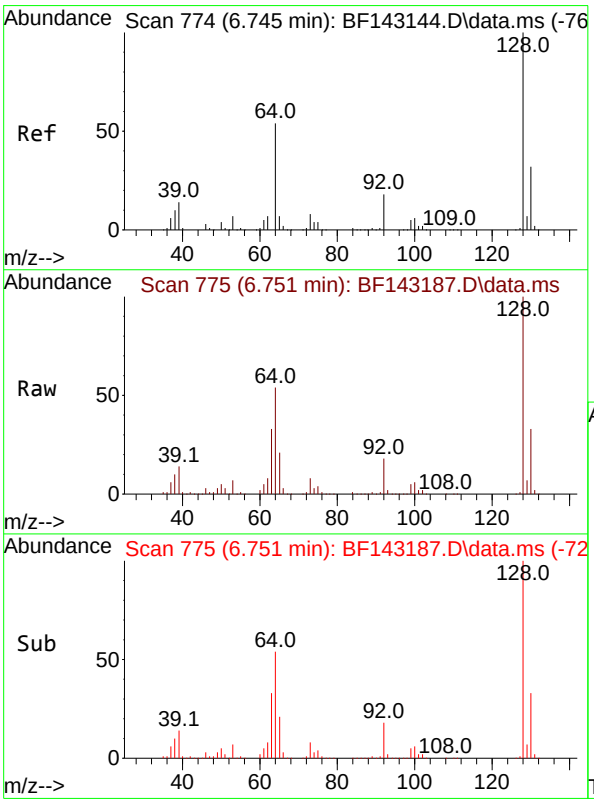

#7
Phenol-d6
Concen: 77.413 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 683542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.7 | 17.0 | 25.6 |
| 71 | 34.3 | 27.7 | 41.5 |

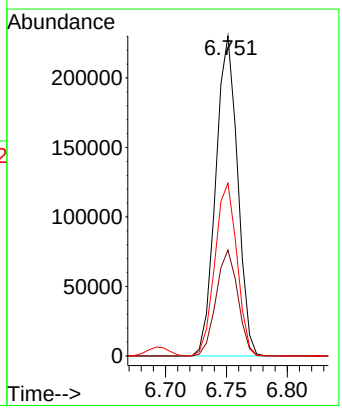


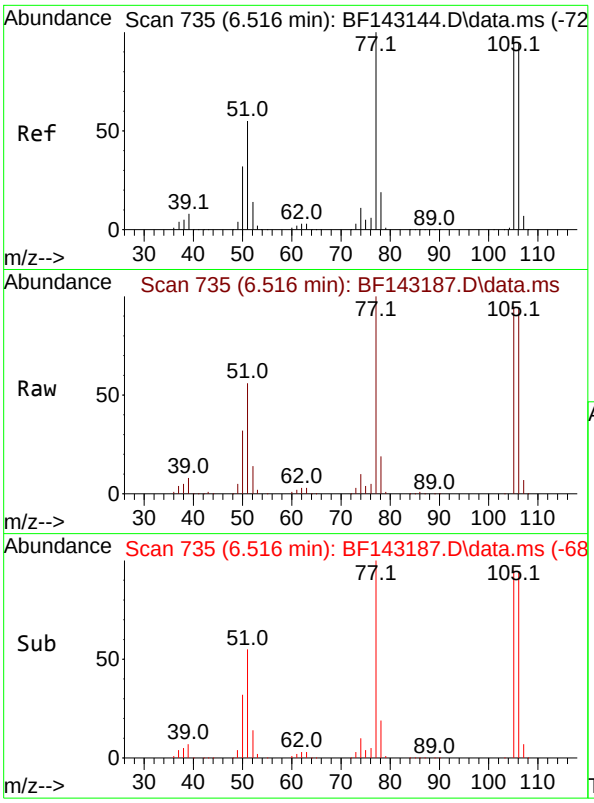




#8
2-Chlorophenol
Concen: 39.143 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:128 Resp: 287831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.3 | 52.3 |
| 64 | 54.0 | 35.9 | 75.9 |



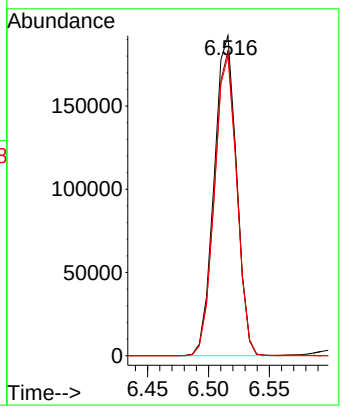


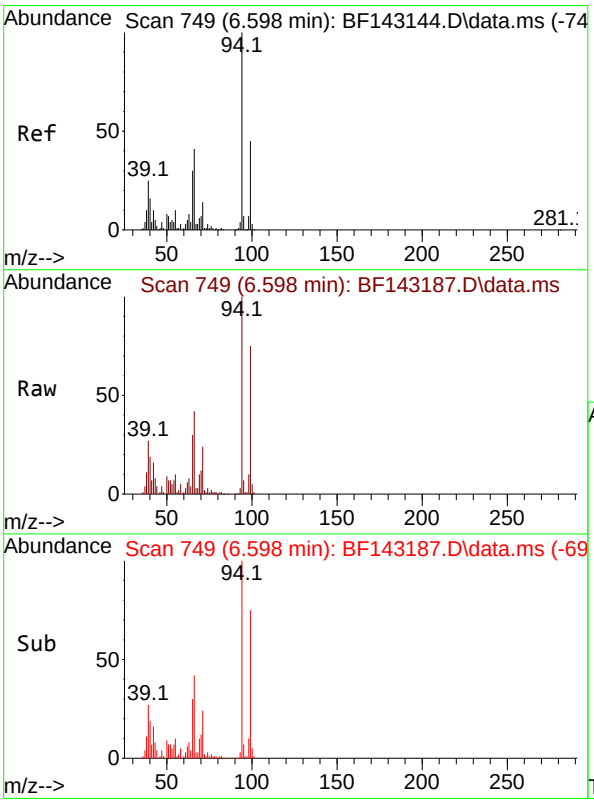

#9
Benzaldehyde
Concen: 37.310 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 247030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.3 | 76.8 | 116.8 |
| 106 | 93.6 | 74.4 | 114.4 |

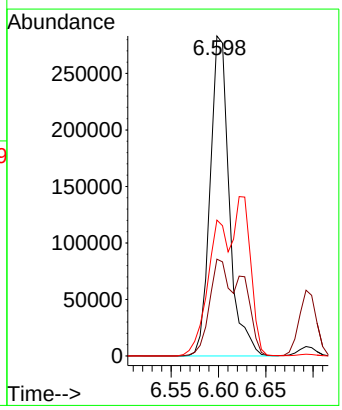


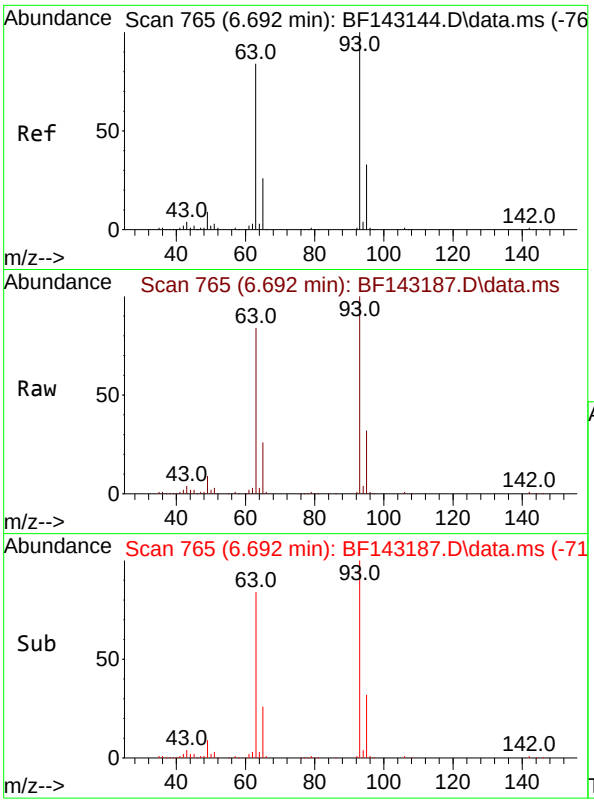




#10
Phenol
Concen: 41.254 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 94 Resp: 396833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.3 | 10.0 | 50.0 |
| 66 | 42.5 | 20.8 | 60.8 |



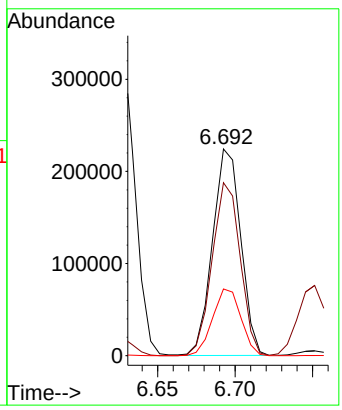


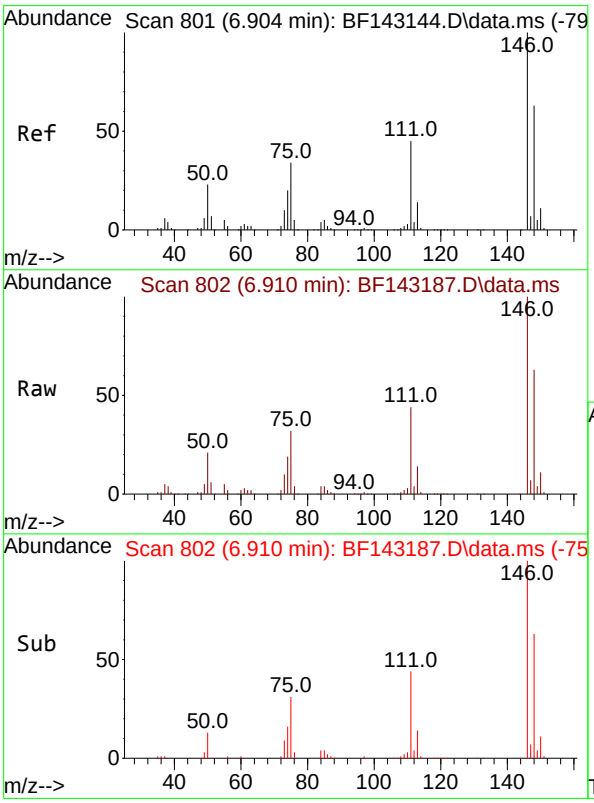

#11
bis(2-Chloroethyl)ether
Concen: 38.553 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 283947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.7 | 63.4 | 103.4 |
| 95 | 32.3 | 12.4 | 52.4 |

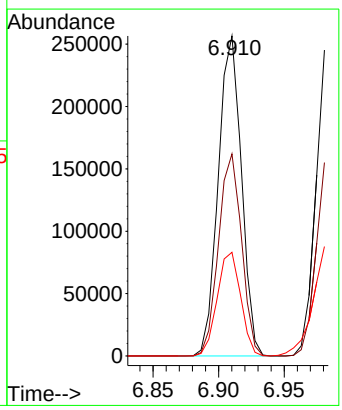


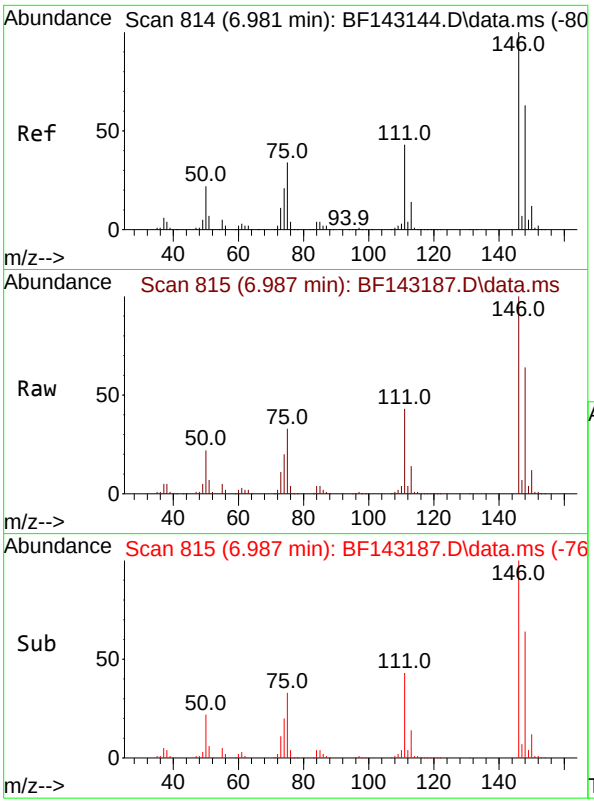




#12
1,3-Dichlorobenzene
Concen: 39.411 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:146 Resp: 314817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.6 | 76.0 |
| 75 | 32.4 | 27.4 | 41.2 |



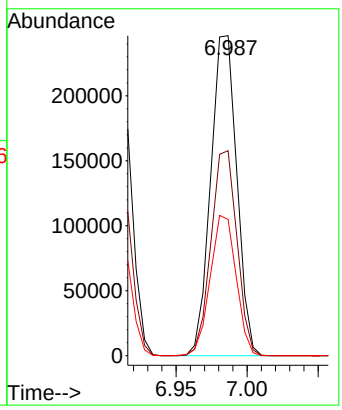


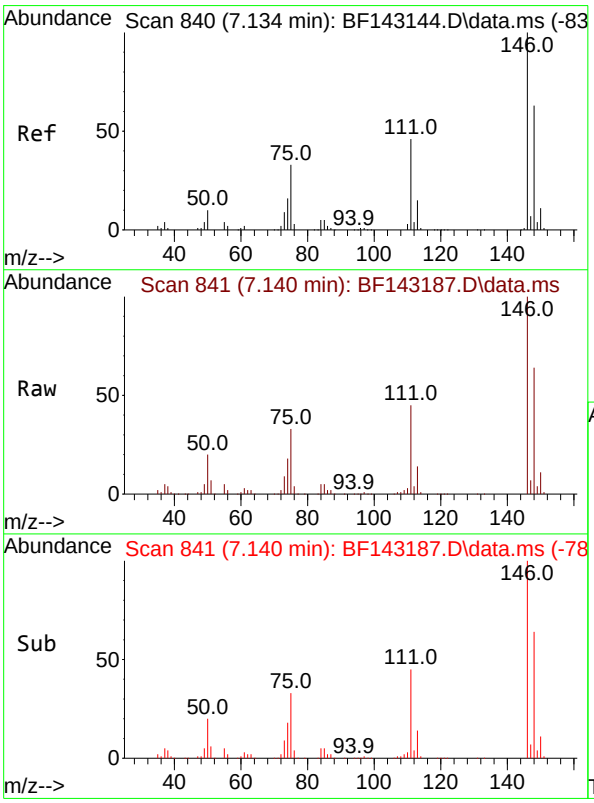

#13
1,4-Dichlorobenzene
Concen: 39.163 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 315046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.3 | 75.5 |
| 111 | 42.6 | 34.4 | 51.6 |

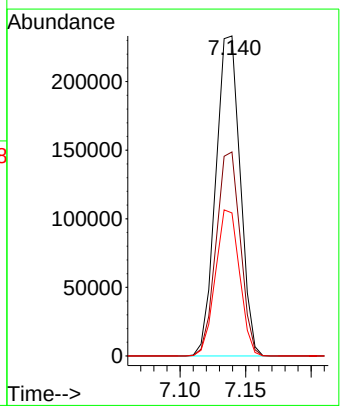


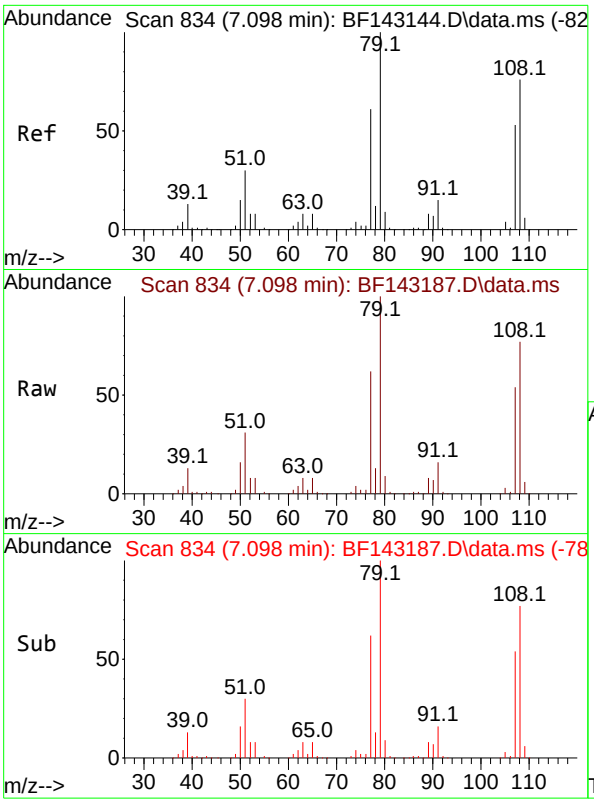




#14
1,2-Dichlorobenzene
Concen: 39.385 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:146 Resp: 301343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.7 | 76.1 |
| 111 | 44.7 | 36.6 | 54.8 |



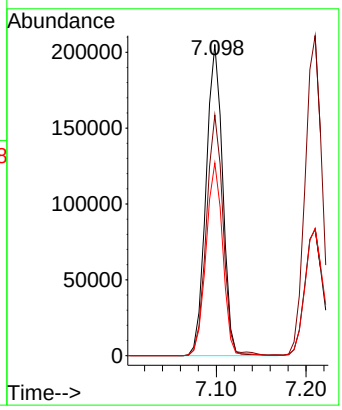


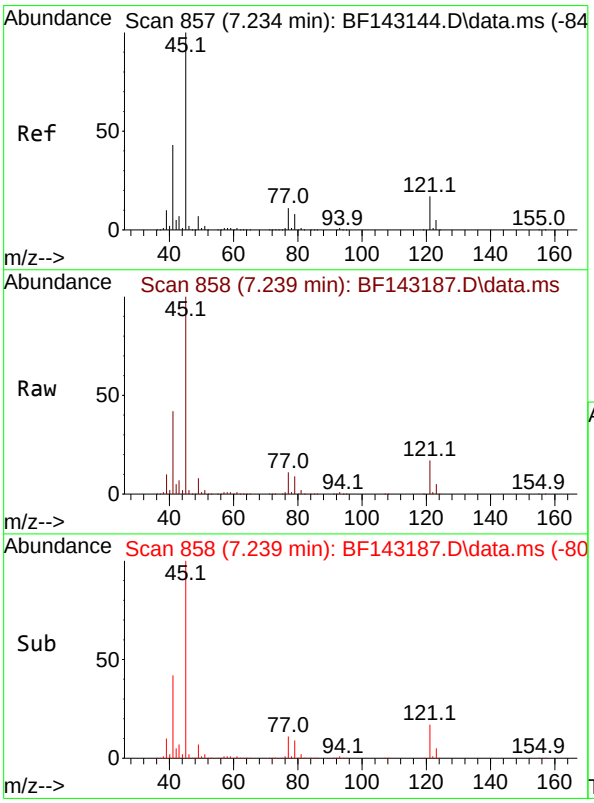

#15
Benzyl Alcohol
Concen: 39.223 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 264441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.3 | 61.1 | 91.7 |
| 77 | 62.0 | 48.9 | 73.3 |

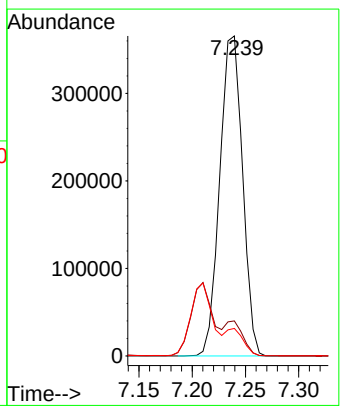


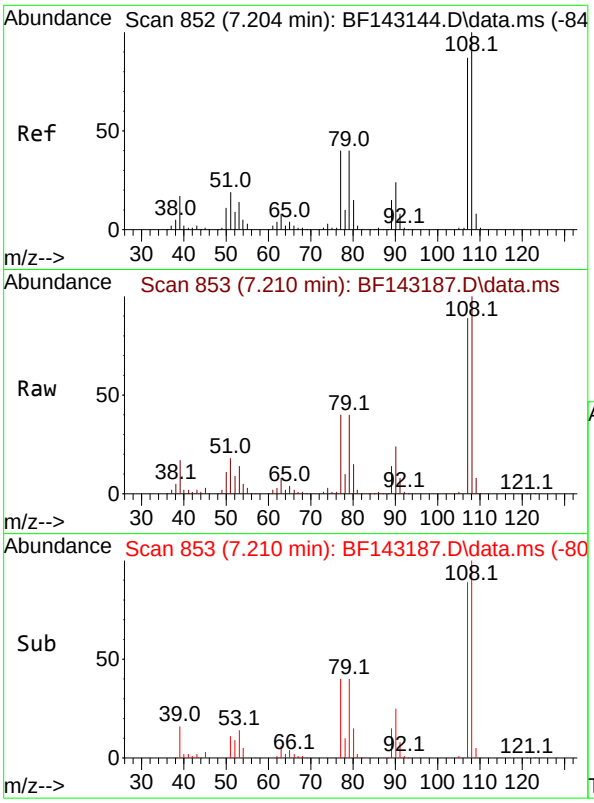




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.713 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 45 Resp: 542587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.9 | 0.0 | 31.2 |
| 79 | 8.6 | 0.0 | 28.5 |



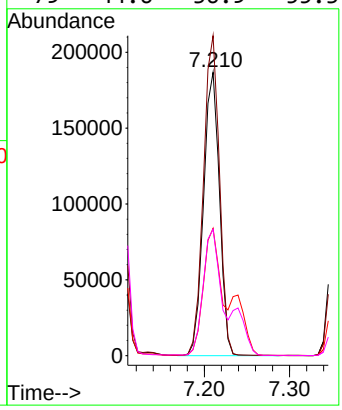


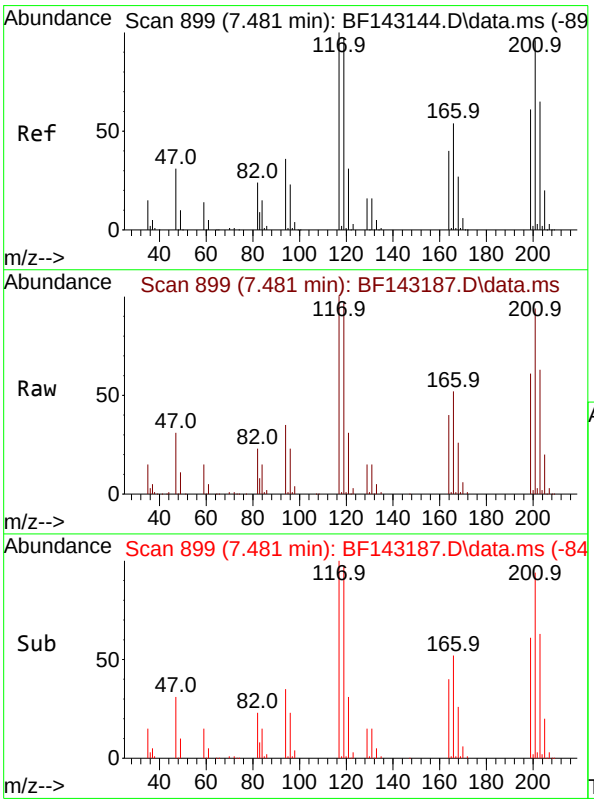

#17
2-Methylphenol
Concen: 39.321 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 243112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.9 | 91.8 | 137.6 |
| 77 | 45.0 | 37.0 | 55.6 |
| 79 | 44.6 | 36.9 | 55.3 |

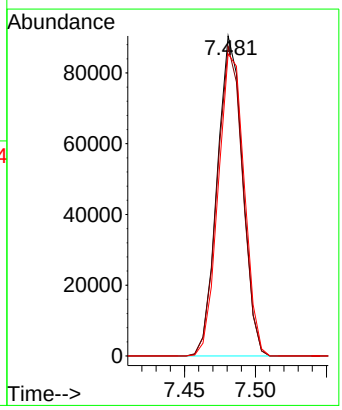


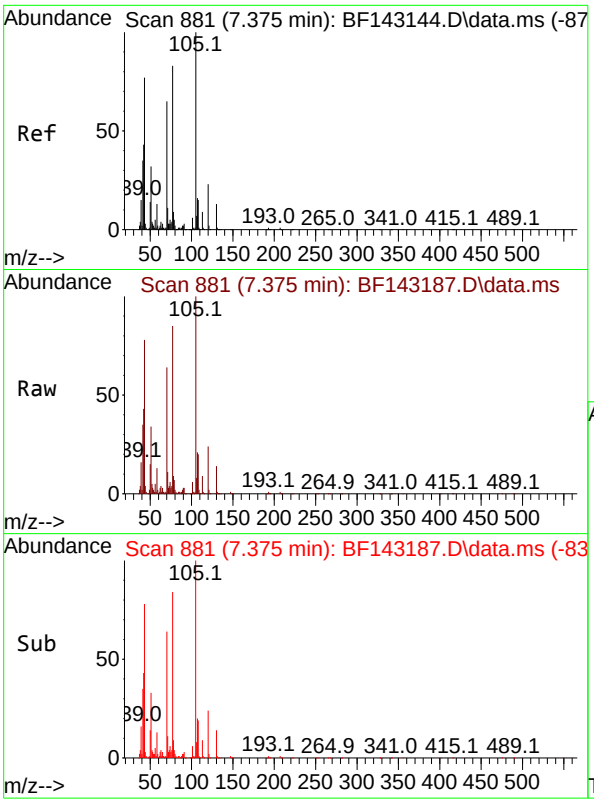




#18
Hexachloroethane
Concen: 40.297 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:117 Resp: 112222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 77.8 | 116.8 |
| 201 | 94.4 | 77.0 | 115.4 |



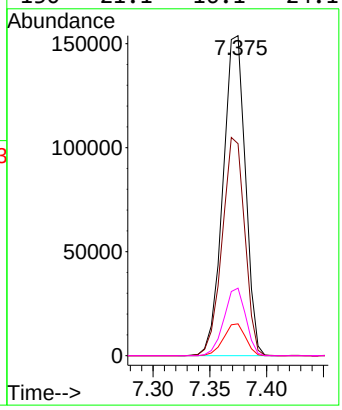


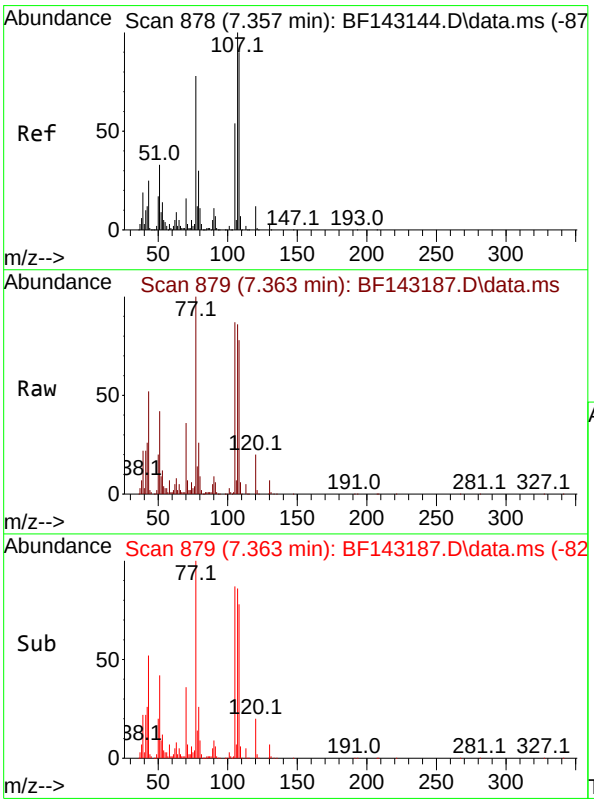

#19
n-Nitroso-di-n-propylamine
Concen: 37.224 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 210871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.3 | 52.5 | 78.7 |
| 101 | 10.0 | 7.6 | 11.4 |
| 130 | 21.1 | 16.1 | 24.1 |

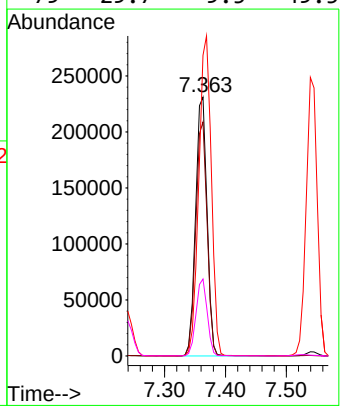


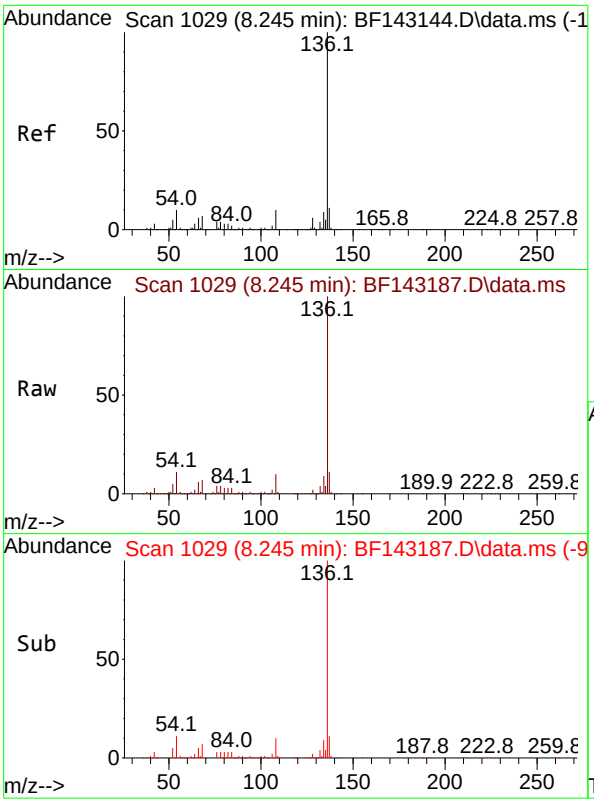




#20
3+4-Methylphenols
Concen: 40.254 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:107 Resp: 301964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 70.0 | 110.0 |
| 77 | 116.2 | 57.8 | 97.8# |
| 79 | 29.7 | 9.5 | 49.5 |



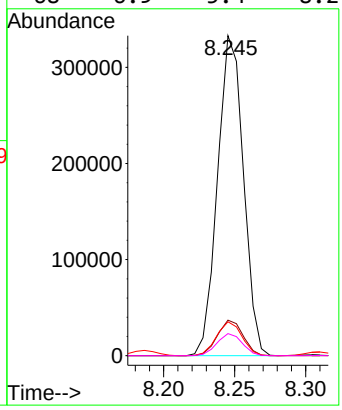


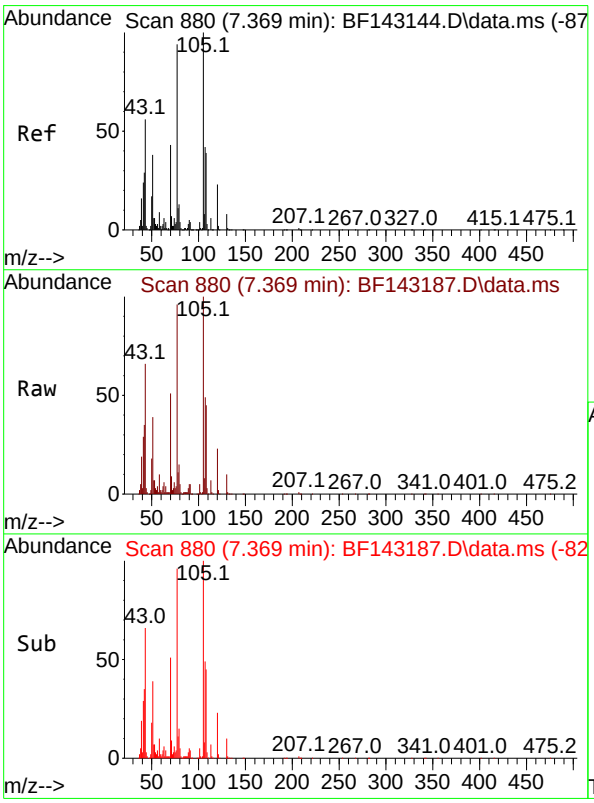

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 422094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |

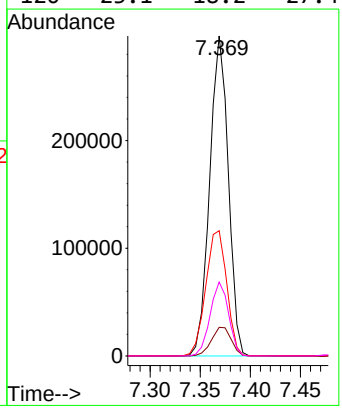


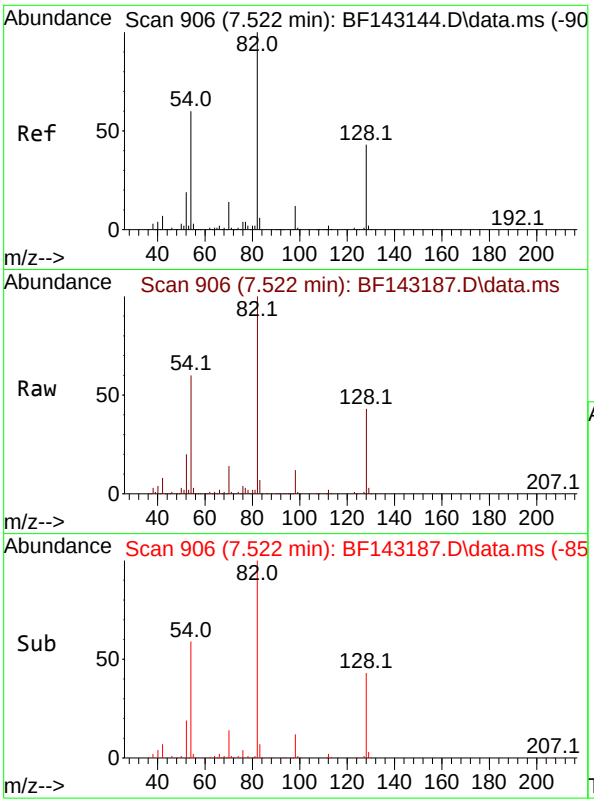




#22
Acetophenone
Concen: 38.442 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:105 Resp: 384155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.9 | 5.8 | 8.6# |
| 51 | 39.2 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |



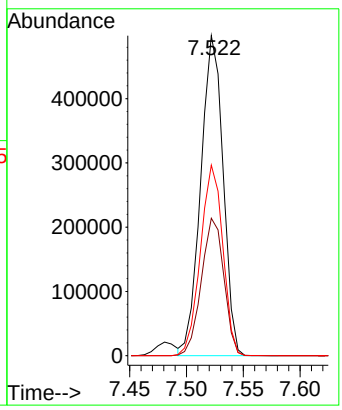


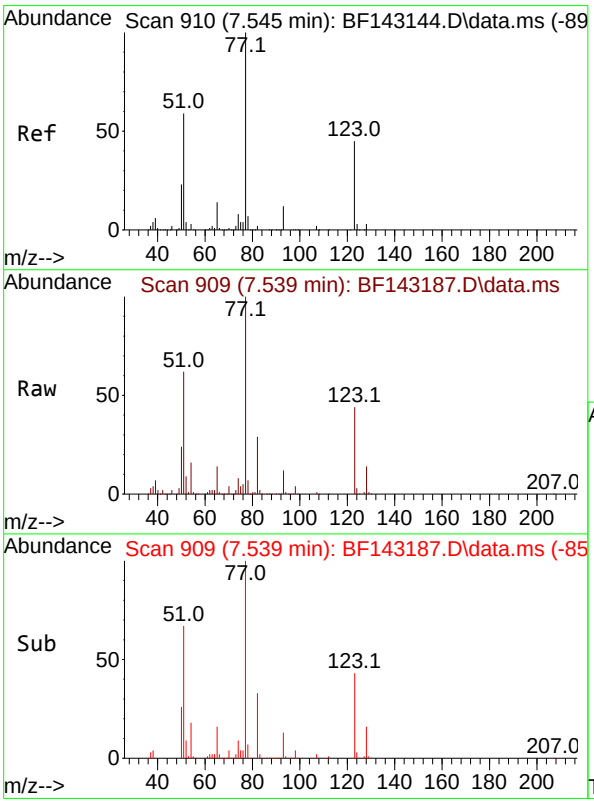

#23
Nitrobenzene-d5
Concen: 80.559 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 682159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 33.6 | 50.4 |
| 54 | 59.6 | 47.1 | 70.7 |

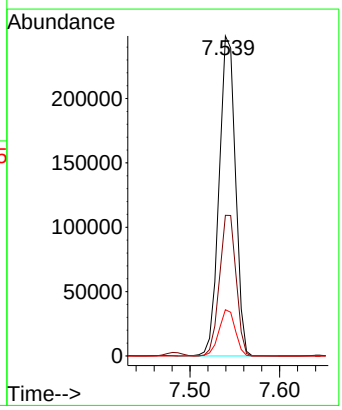


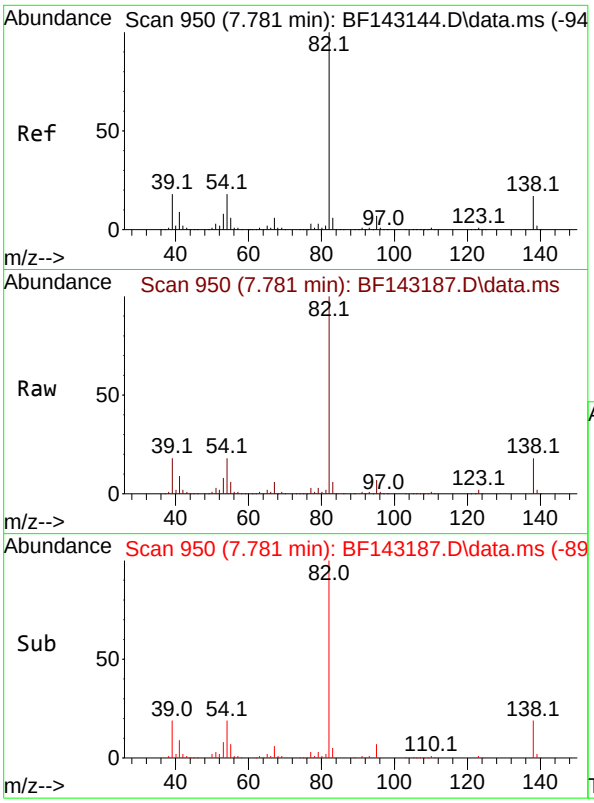




#24
Nitrobenzene
Concen: 39.866 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 77 Resp: 314726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.0 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |



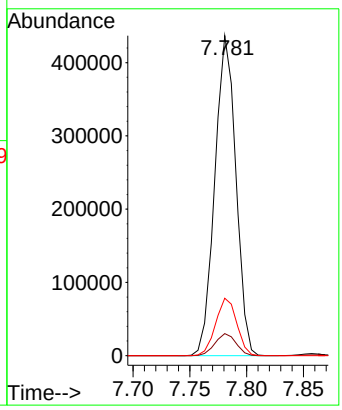


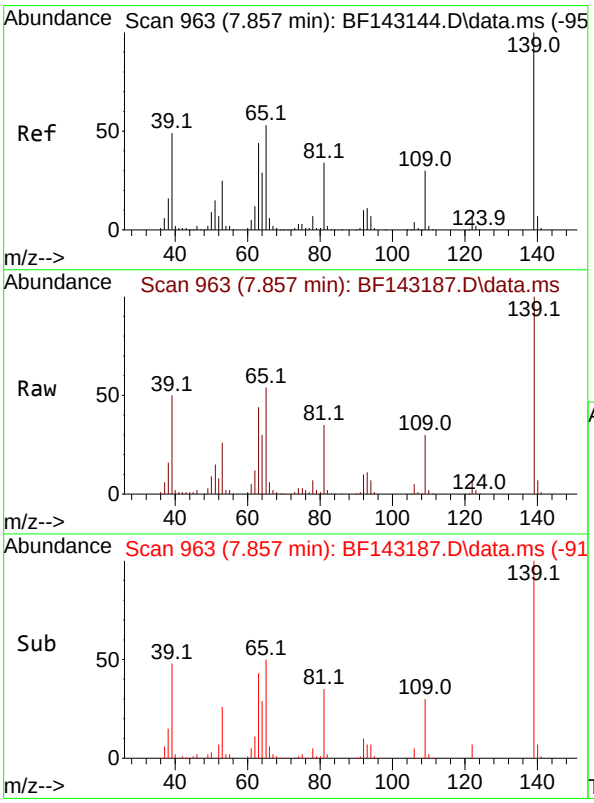

#25
Isophorone
Concen: 37.763 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 564494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 18.0 | 13.8 | 20.8 |

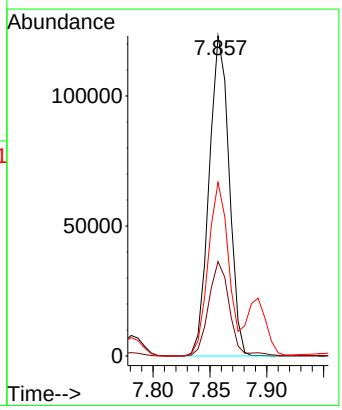


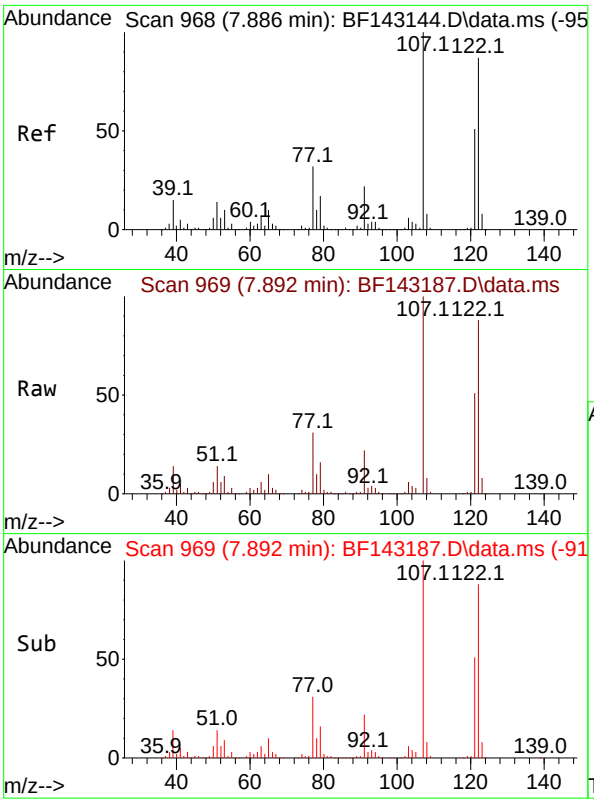




#26
2-Nitrophenol
Concen: 44.078 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 151024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.5 | 23.6 | 35.4 |
| 65 | 54.3 | 42.6 | 64.0 |



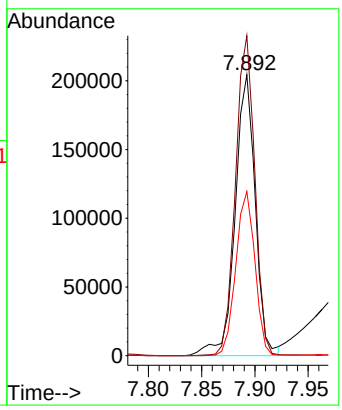


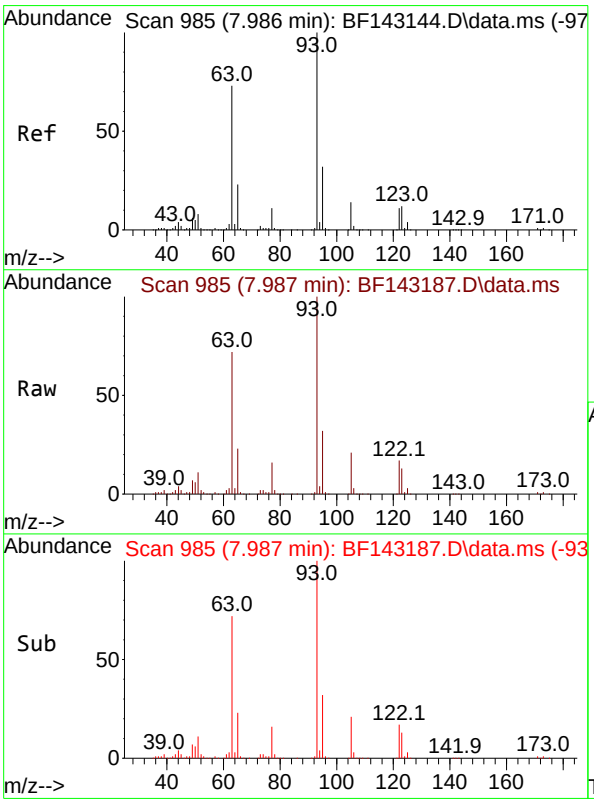

#27
2,4-Dimethylphenol
Concen: 38.679 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 270134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.9 | 91.8 | 137.6 |
| 121 | 58.4 | 46.3 | 69.5 |

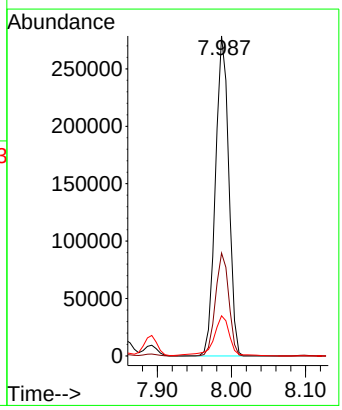


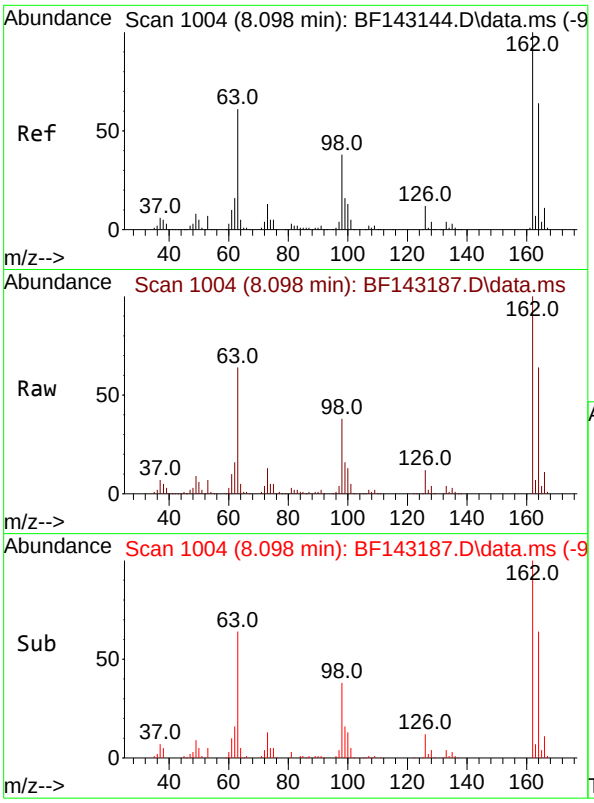




#28
bis(2-Chloroethoxy)methane
Concen: 38.868 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 93 Resp: 348359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 25.8 | 38.6 |
| 123 | 12.5 | 9.7 | 14.5 |



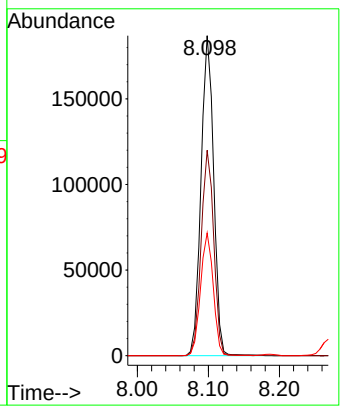


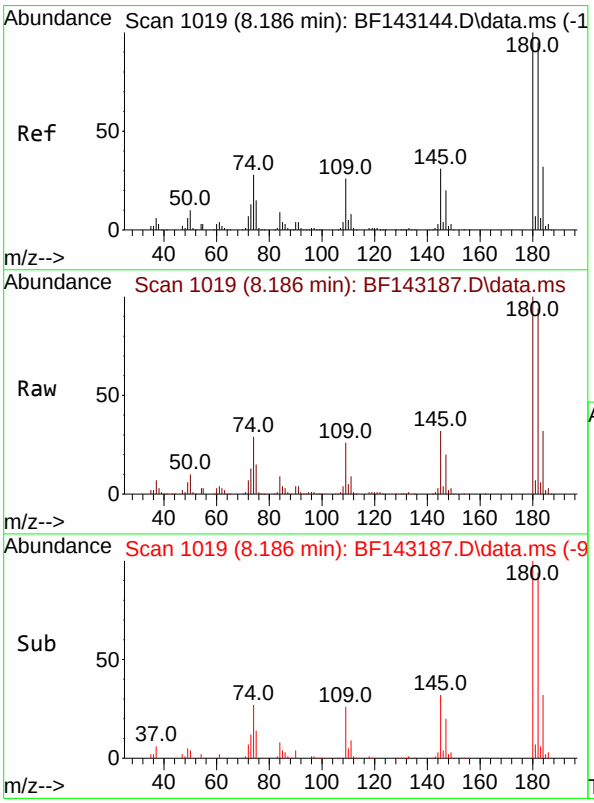

#29
2,4-Dichlorophenol
Concen: 39.425 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 232204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 38.4 | 17.9 | 57.9 |

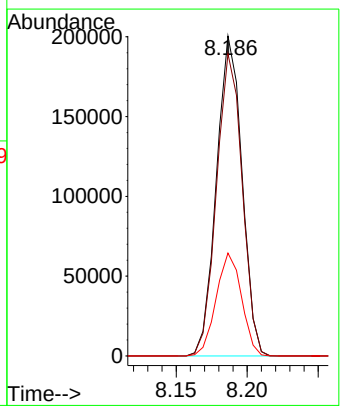


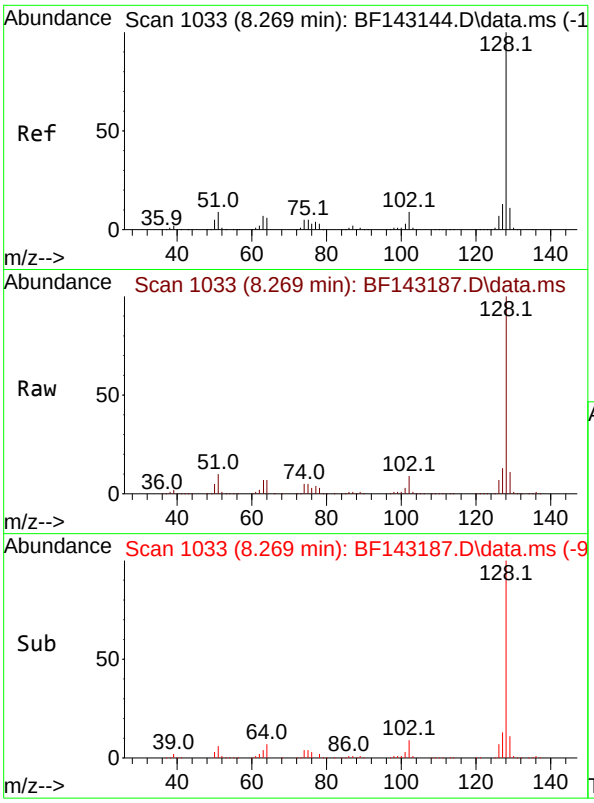




#30
1,2,4-Trichlorobenzene
Concen: 39.329 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:180 Resp: 250252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 76.2 | 114.2 |
| 145 | 32.2 | 25.0 | 37.6 |



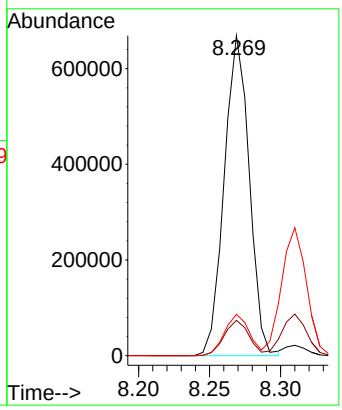


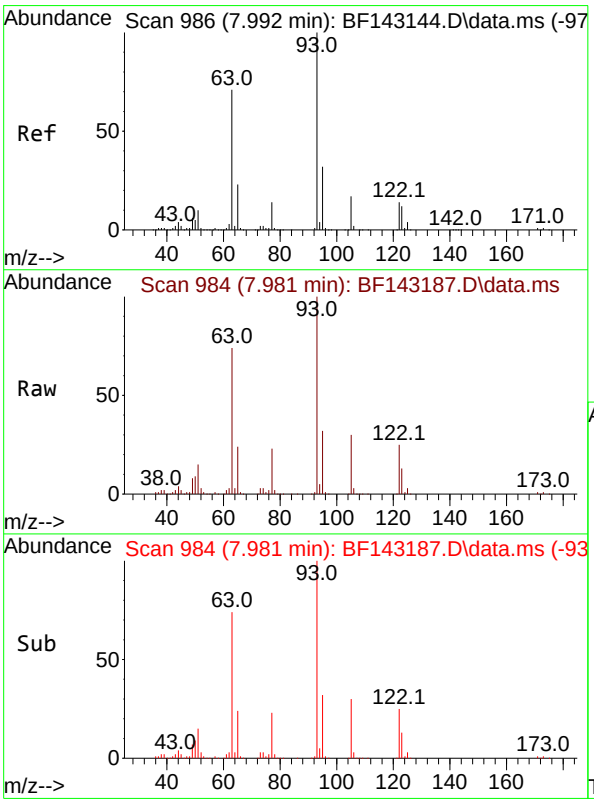

#31
Naphthalene
Concen: 39.398 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 818994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.9 | 10.6 | 16.0 |

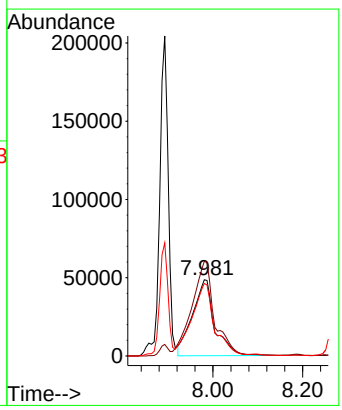


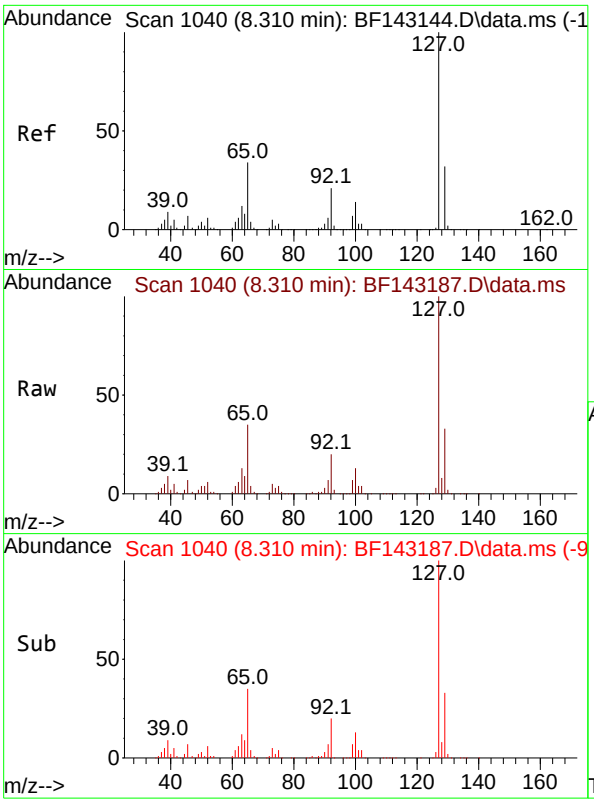




#32
Benzoic acid
Concen: 43.041 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:122 Resp: 166968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.1 | 104.8 | 144.8 |
| 77 | 95.1 | 77.6 | 117.6 |



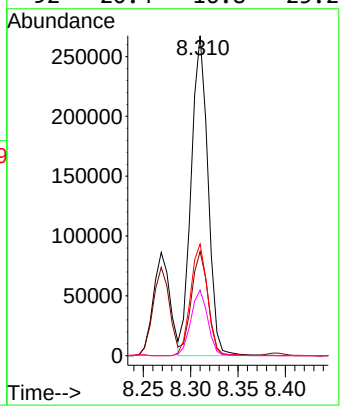


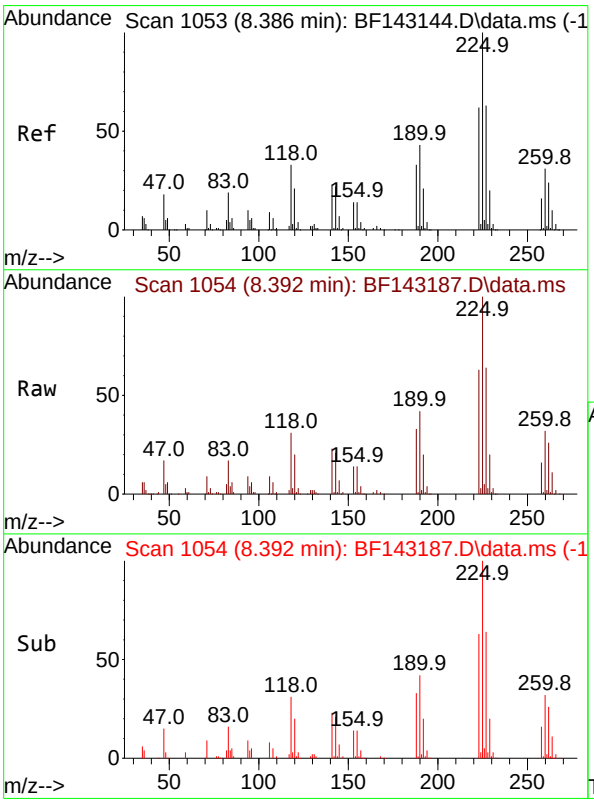

#33
4-Chloroaniline
Concen: 38.830 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 329590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 20.4 | 16.8 | 25.2 |

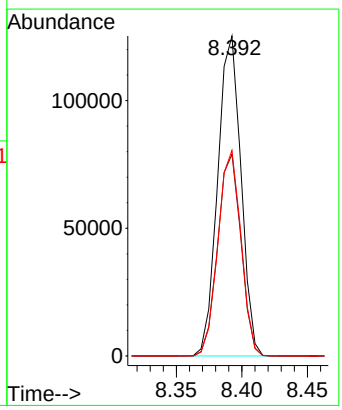


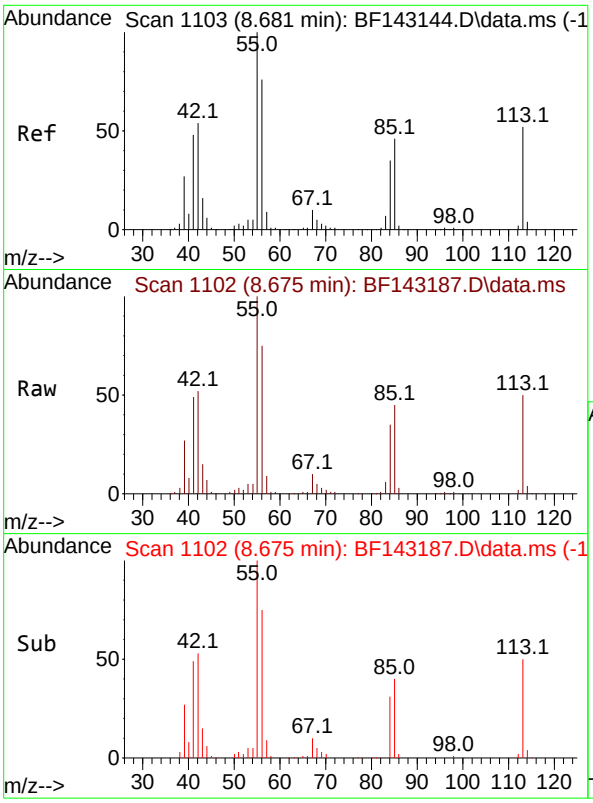




#34
Hexachlorobutadiene
Concen: 39.691 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:225 Resp: 154282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.8 | 74.6 |
| 227 | 64.2 | 50.2 | 75.4 |



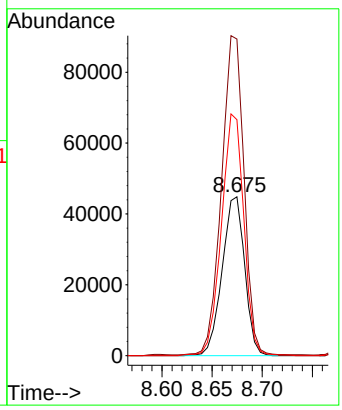


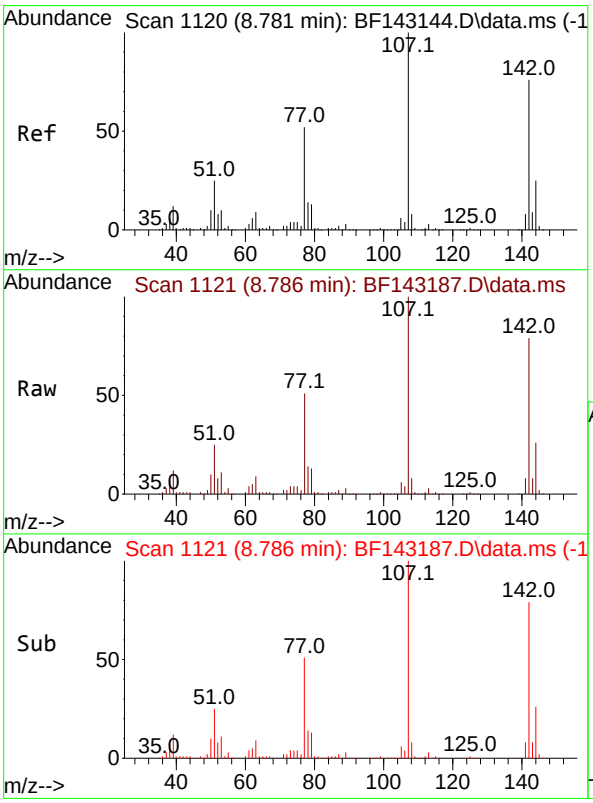

#35
Caprolactam
Concen: 39.340 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 70018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 199.4 | 174.0 | 214.0 |
| 56 | 148.6 | 126.6 | 166.6 |

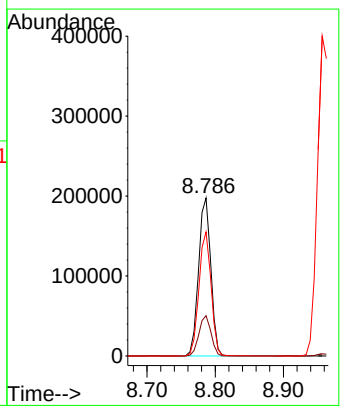


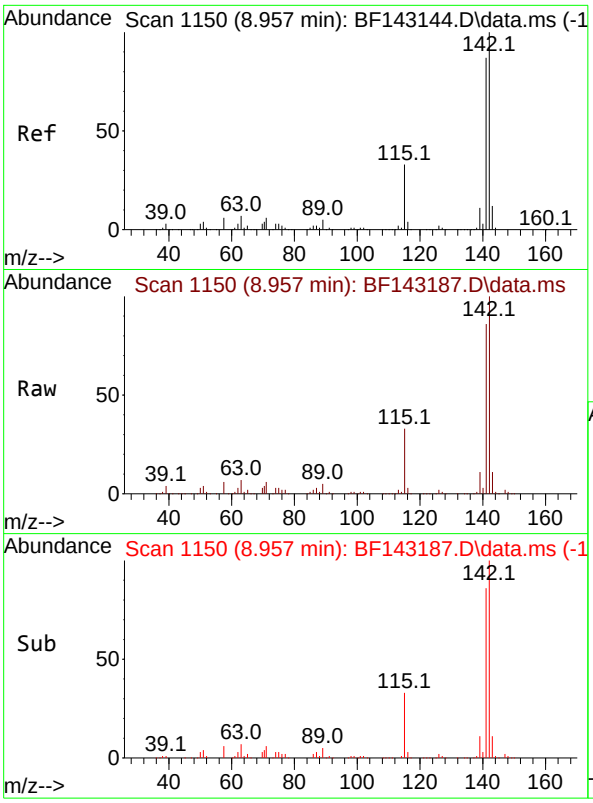




#36
4-Chloro-3-methylphenol
Concen: 38.680 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:107 Resp: 247616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.6 | 19.8 | 29.6 |
| 142 | 78.5 | 60.6 | 90.8 |



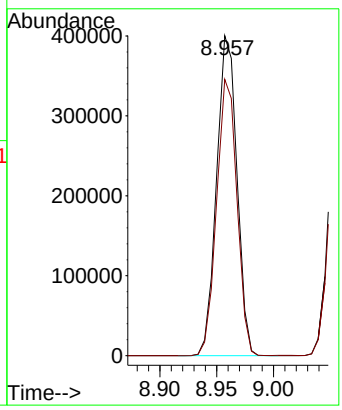


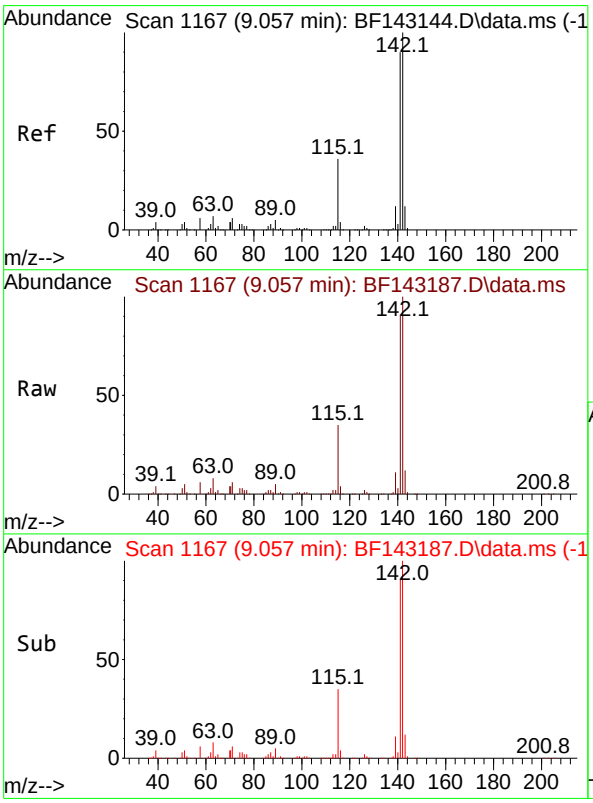

#37
2-Methylnaphthalene
Concen: 39.453 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 499061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.3 | 69.9 | 104.9 |

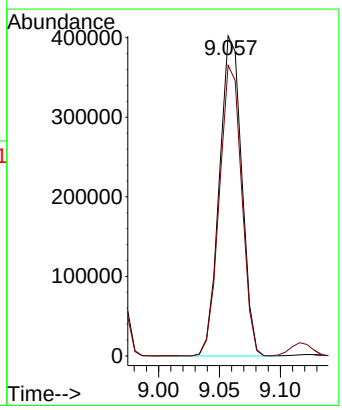


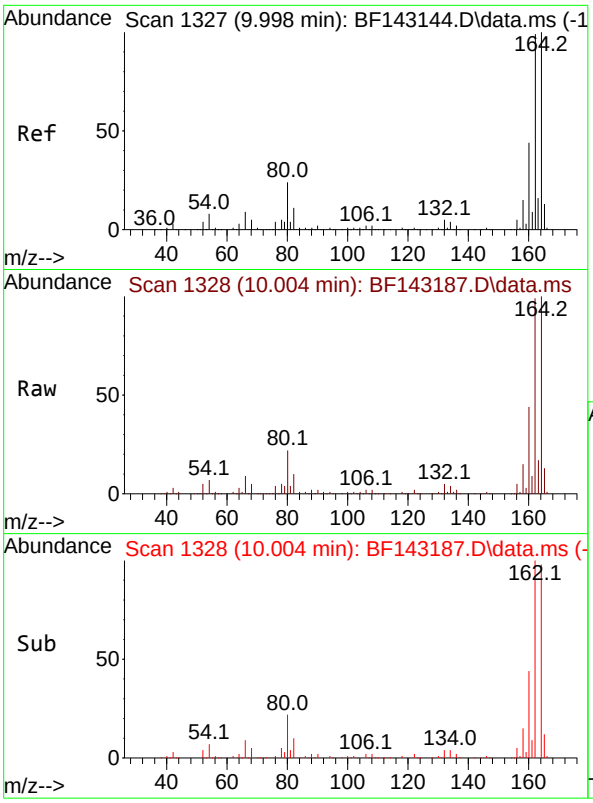




#38
1-Methylnaphthalene
Concen: 39.373 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:142 Resp: 512869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 72.3 | 108.5 |



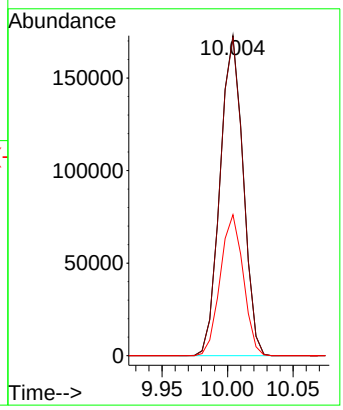


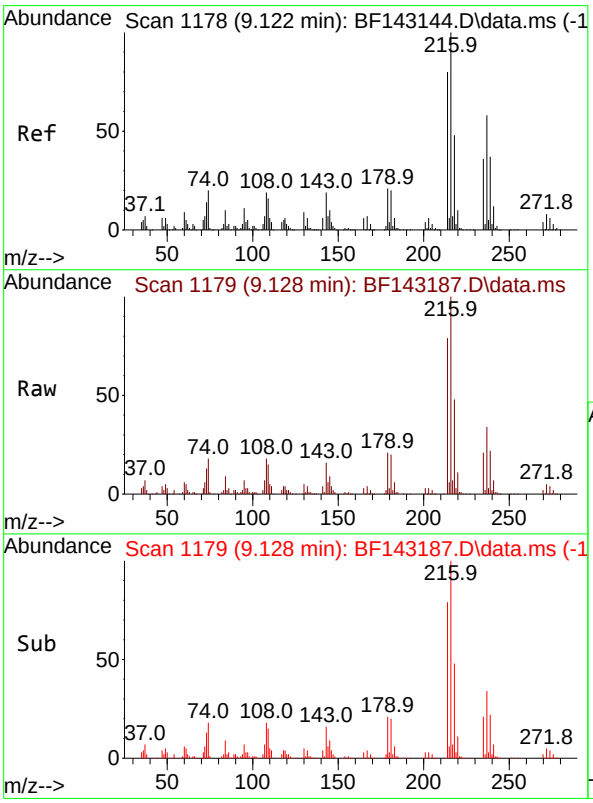

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:164 Resp: 210926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.4 | 79.0 | 118.6 |
| 160 | 44.0 | 35.1 | 52.7 |

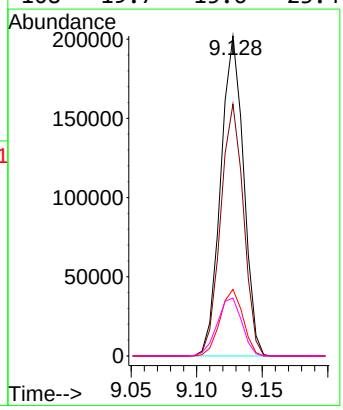


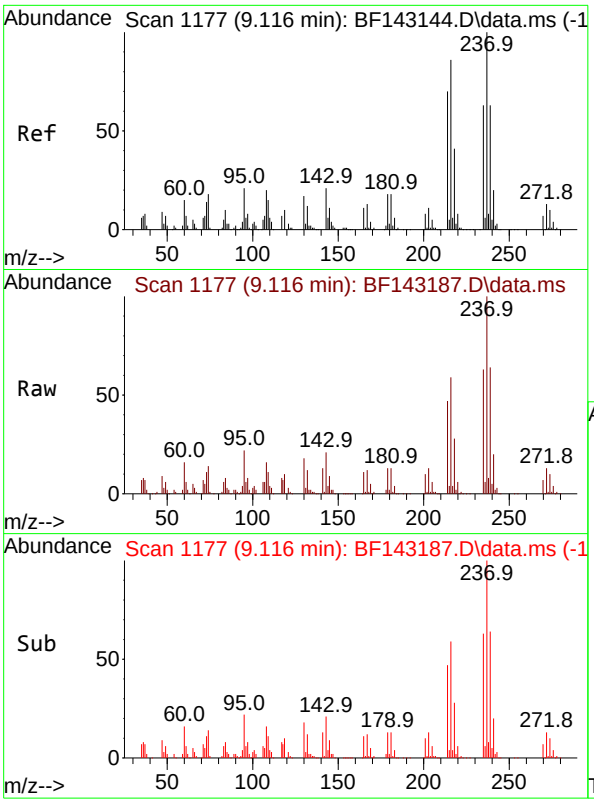




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.183 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:216 Resp: 244698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 63.8 | 95.8 |
| 179 | 20.8 | 16.4 | 24.6 |
| 108 | 19.7 | 15.6 | 23.4 |



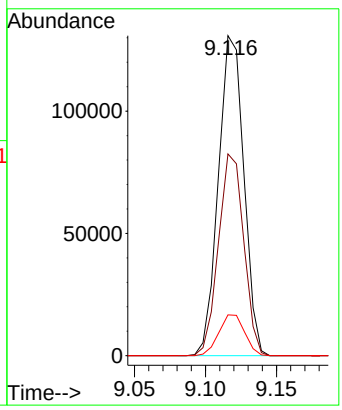


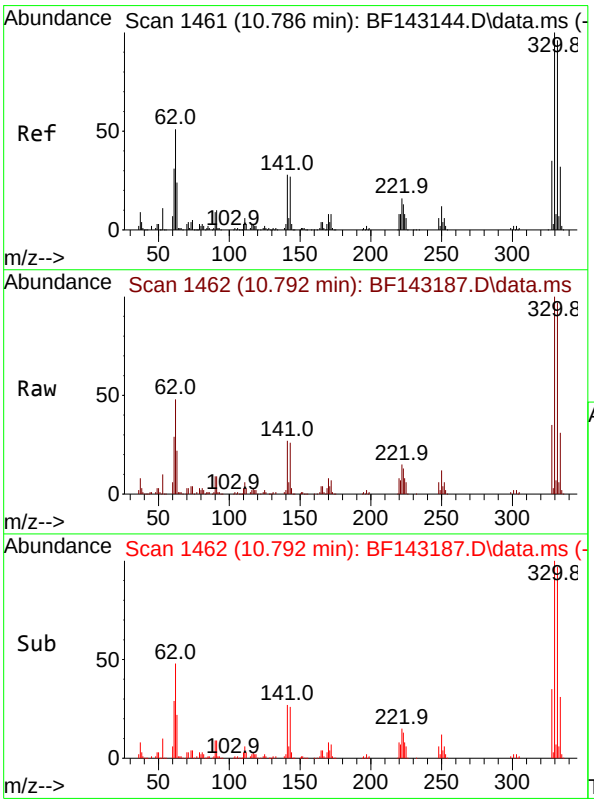

#41
Hexachlorocyclopentadiene
Concen: 41.178 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:237 Resp: 163162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 43.0 | 83.0 |
| 272 | 12.8 | 0.0 | 33.3 |

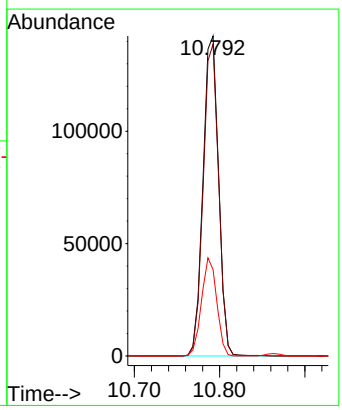


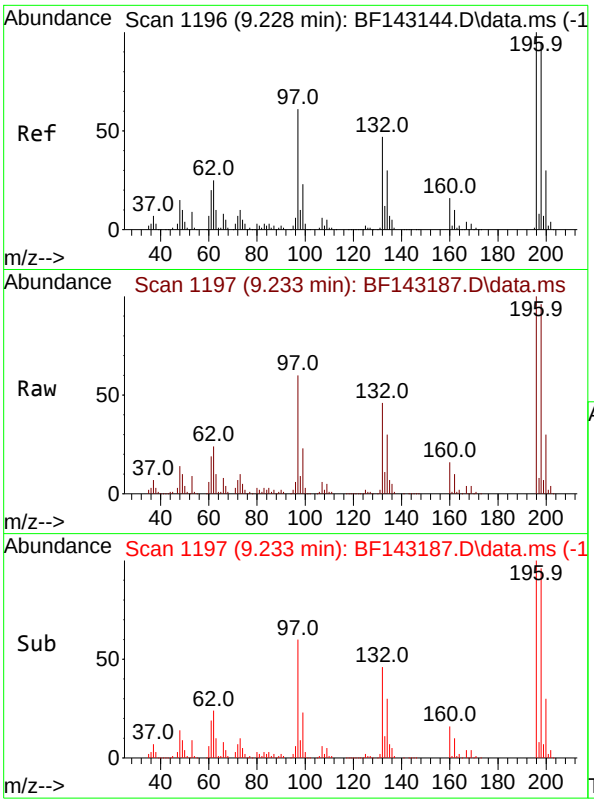




#42
2,4,6-Tribromophenol
Concen: 82.786 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:330 Resp: 180390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 29.9 | 23.3 | 34.9 |



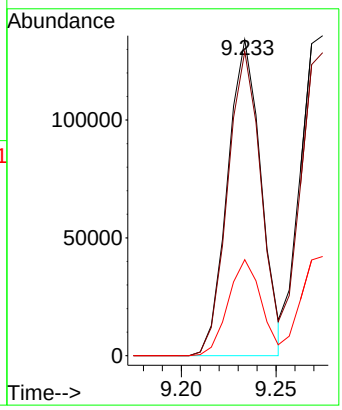


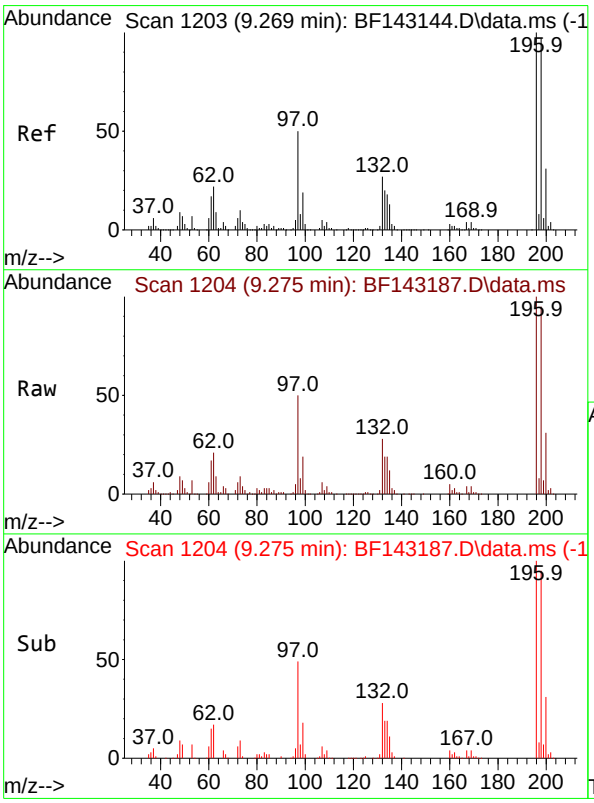

#43
2,4,6-Trichlorophenol
Concen: 39.058 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 164611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.2 | 114.2 |
| 200 | 30.4 | 23.9 | 35.9 |

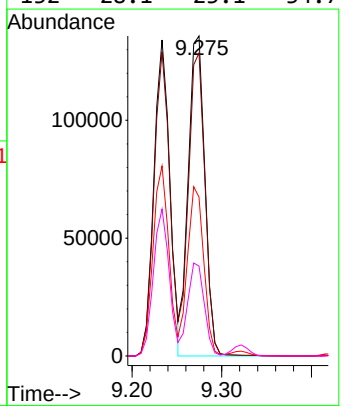


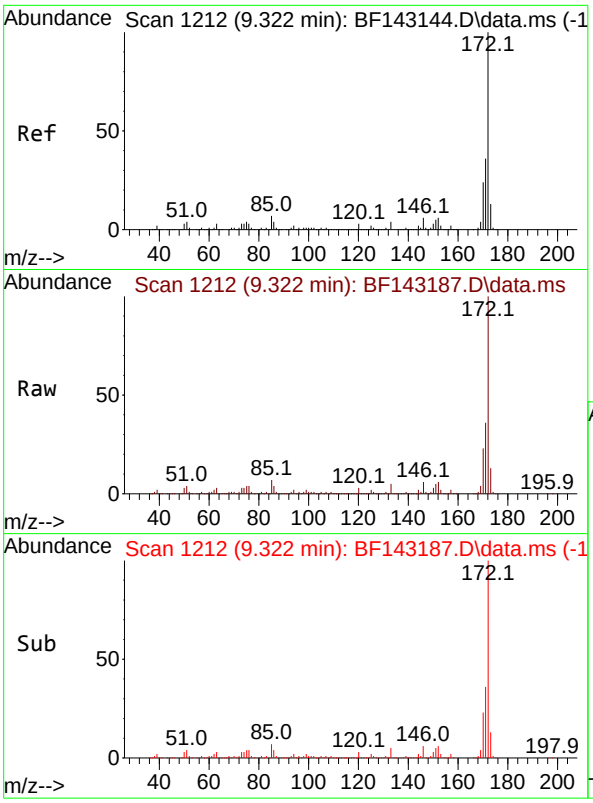




#44
2,4,5-Trichlorophenol
Concen: 41.595 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:196 Resp: 175359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 77.3 | 115.9 |
| 97 | 49.6 | 40.3 | 60.5 |
| 132 | 28.1 | 23.1 | 34.7 |



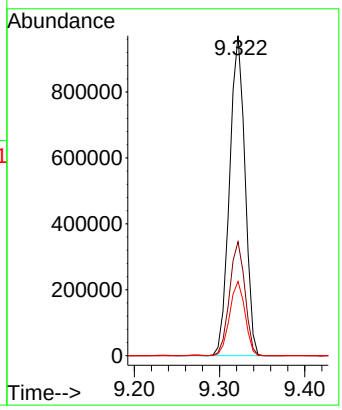


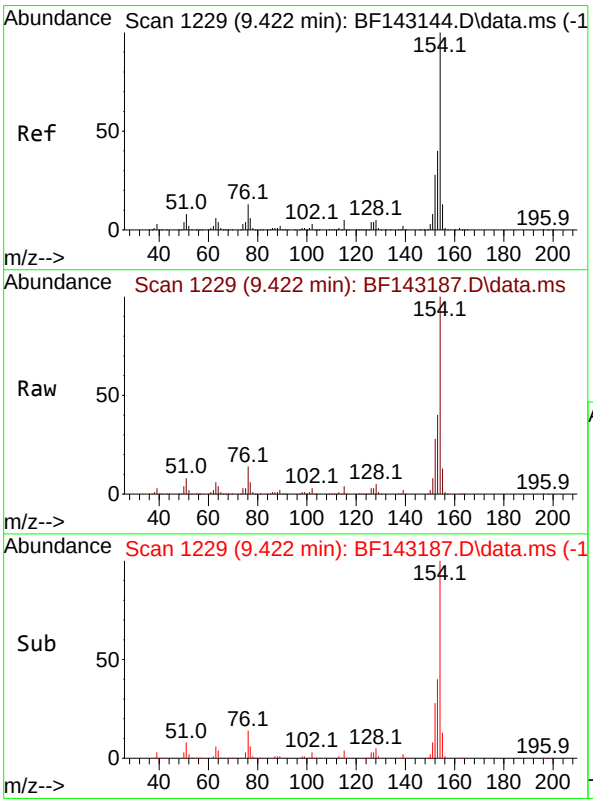

#45
2-Fluorobiphenyl
Concen: 79.290 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:172 Resp: 1222876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.6 | 42.8 |
| 170 | 23.2 | 18.8 | 28.2 |

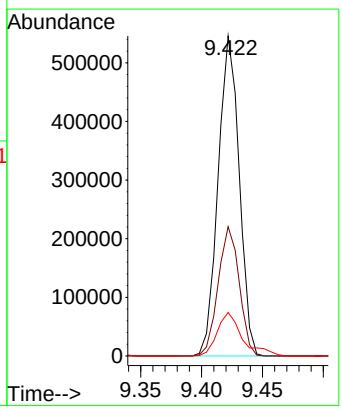


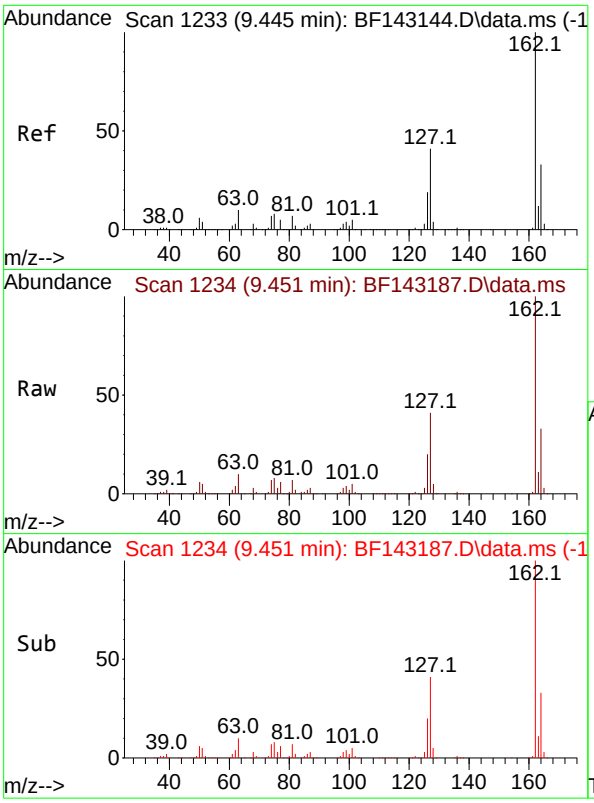




#46
1,1'-Biphenyl
Concen: 39.935 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:154 Resp: 657180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 13.6 | 0.0 | 33.3 |



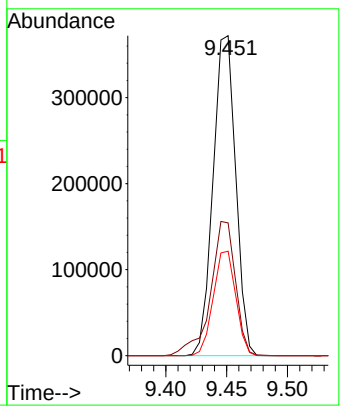


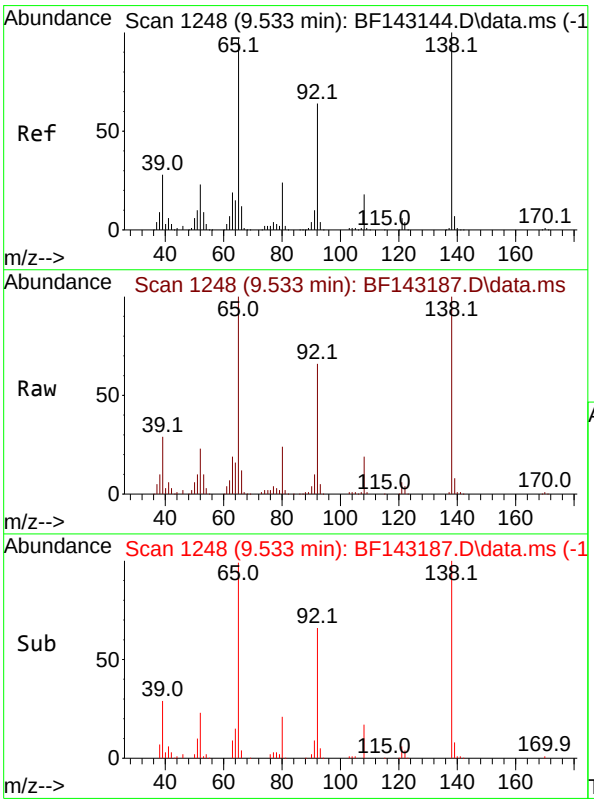

#47
2-Chloronaphthalene
Concen: 39.583 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 481986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |

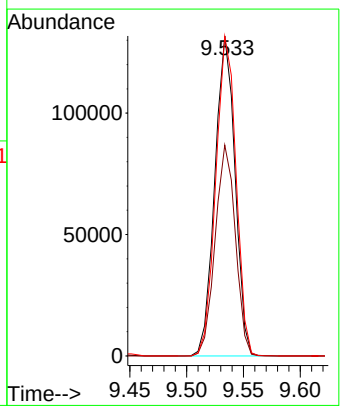


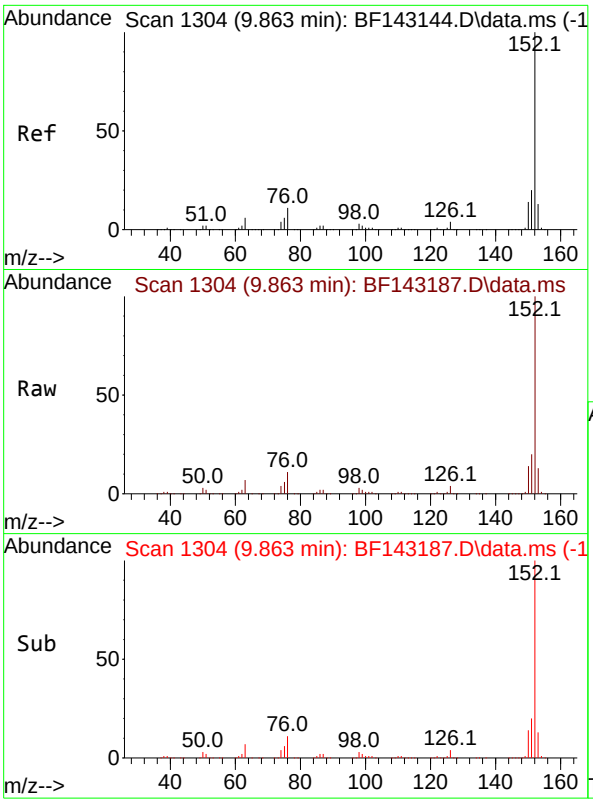




#48
2-Nitroaniline
Concen: 42.683 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion: 65 Resp: 162985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.9 | 52.4 | 78.6 |
| 138 | 99.9 | 82.3 | 123.5 |



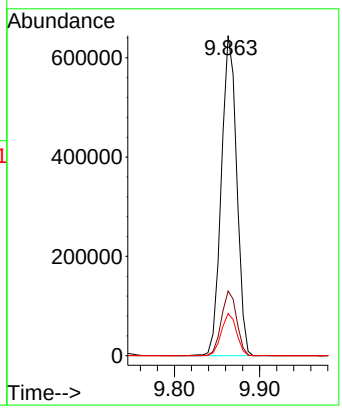


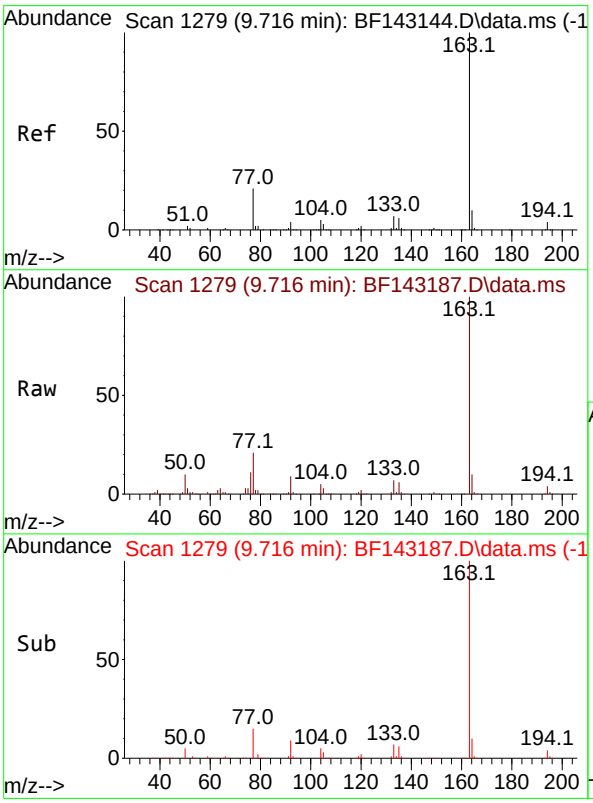

#49
Acenaphthylene
Concen: 39.572 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 807496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |

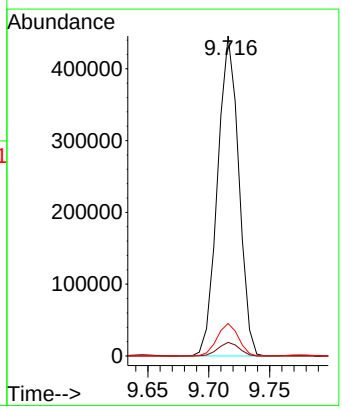


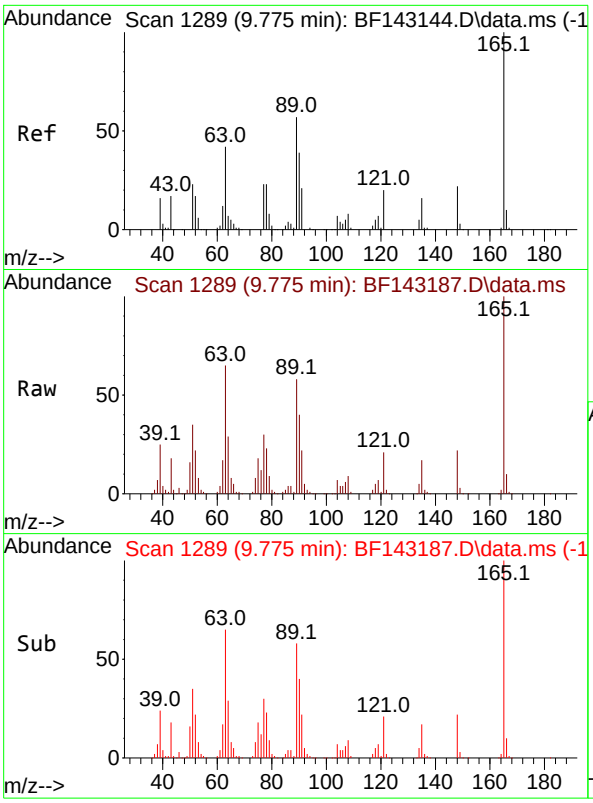




#50
Dimethylphthalate
Concen: 39.316 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:163 Resp: 540541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 10.2 | 8.3 | 12.5 |



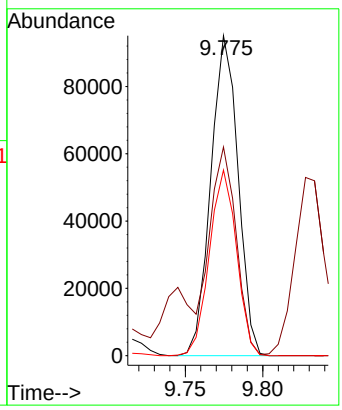


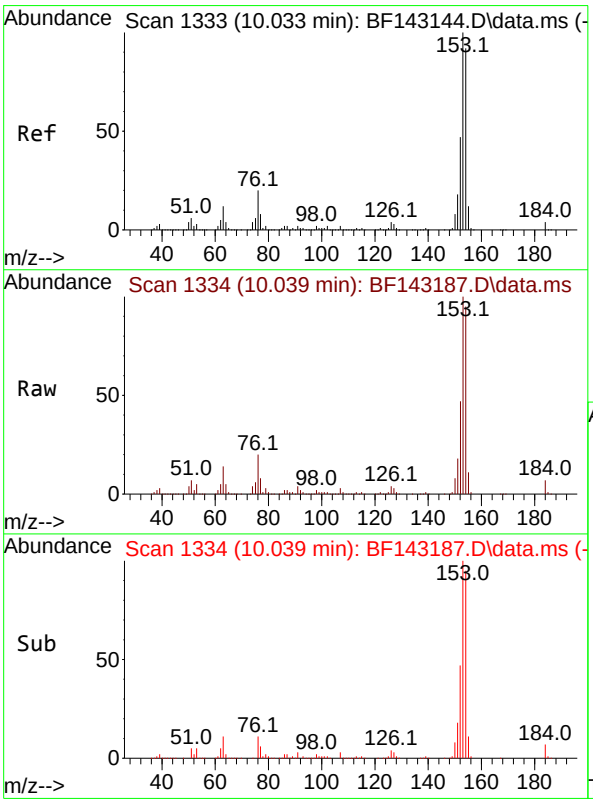

#51
2,6-Dinitrotoluene
Concen: 41.575 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 116280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.2 | 49.4 | 74.2 |
| 89 | 58.0 | 46.2 | 69.2 |

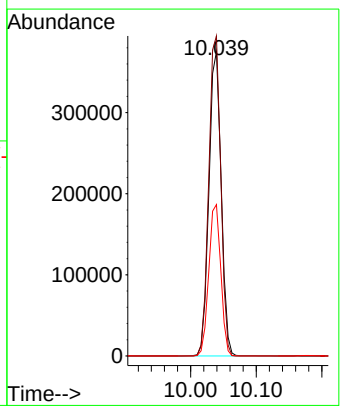


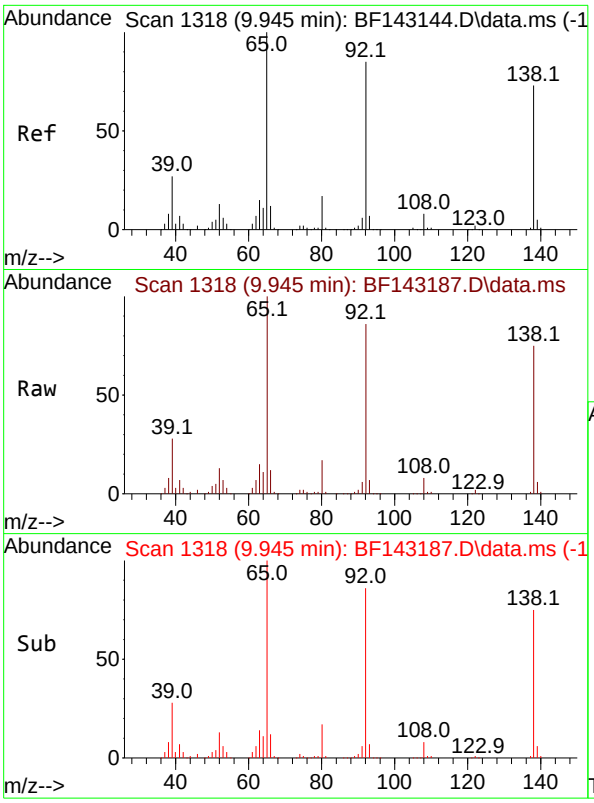




#52
Acenaphthene
Concen: 40.485 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:154 Resp: 488285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.1 | 86.6 | 129.8 |
| 152 | 49.8 | 40.4 | 60.6 |



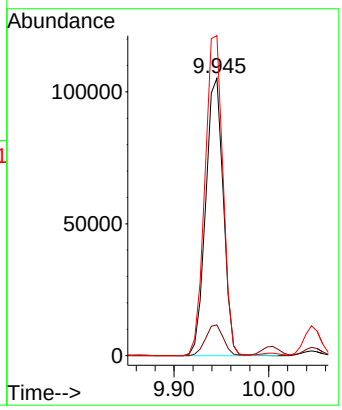


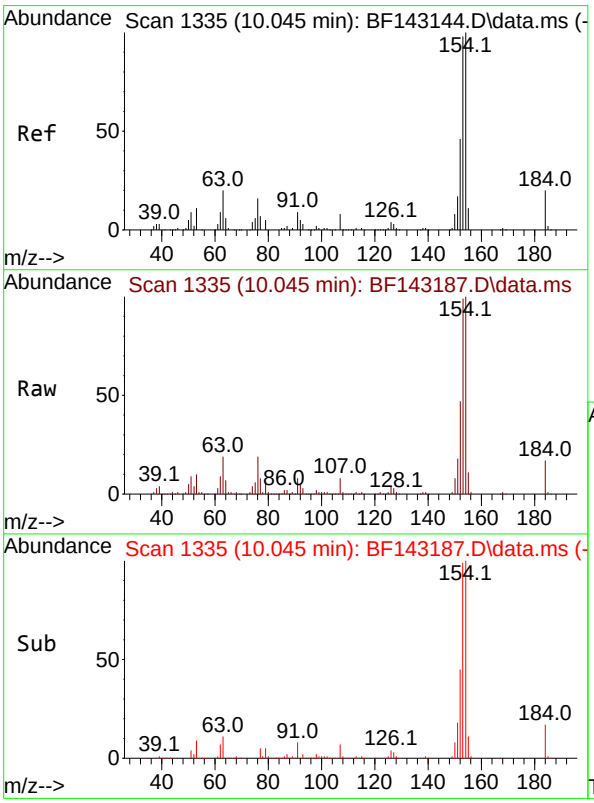

#53
3-Nitroaniline
Concen: 41.415 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 135487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 115.4 | 93.0 | 139.4 |

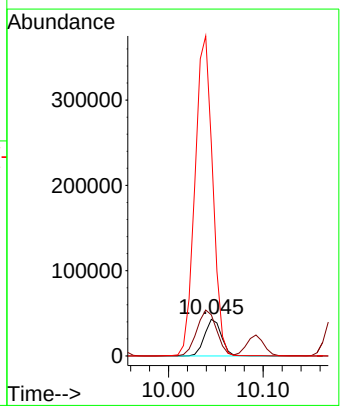


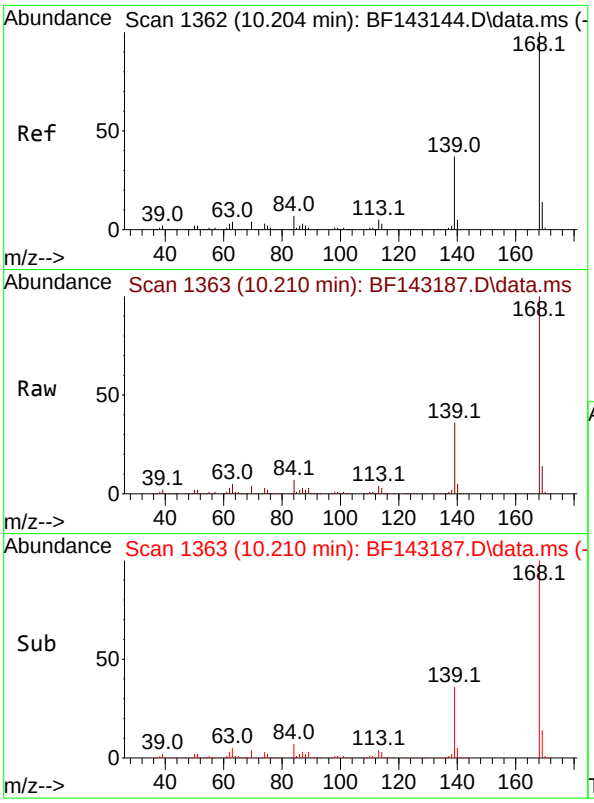




#54
2,4-Dinitrophenol
Concen: 45.117 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:184 Resp: 53173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 112.3 | 81.8 | 122.6 |
| 154 | 579.7 | 412.2 | 618.4 |



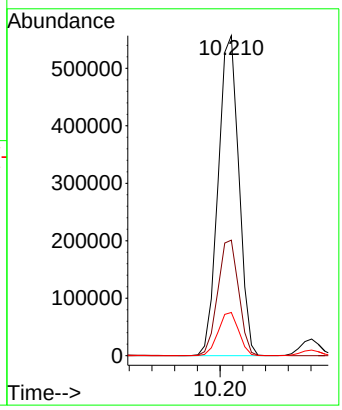


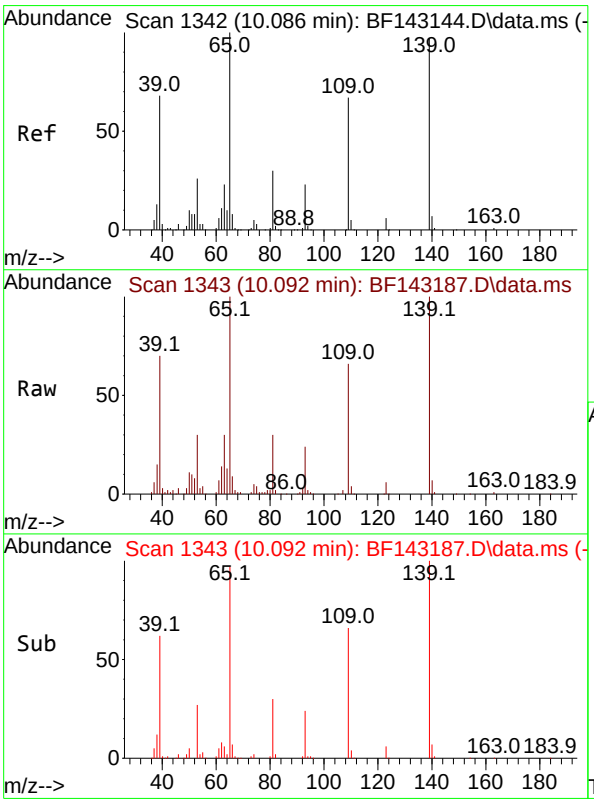

#55
Dibenzofuran
Concen: 39.249 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:168 Resp: 702819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.1 | 29.5 | 44.3 |
| 169 | 13.5 | 10.9 | 16.3 |

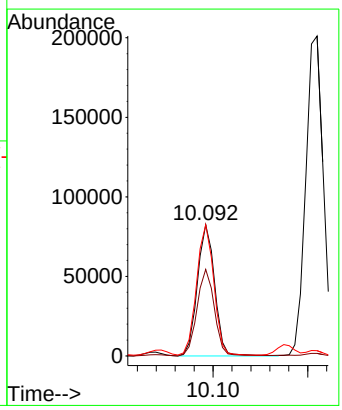


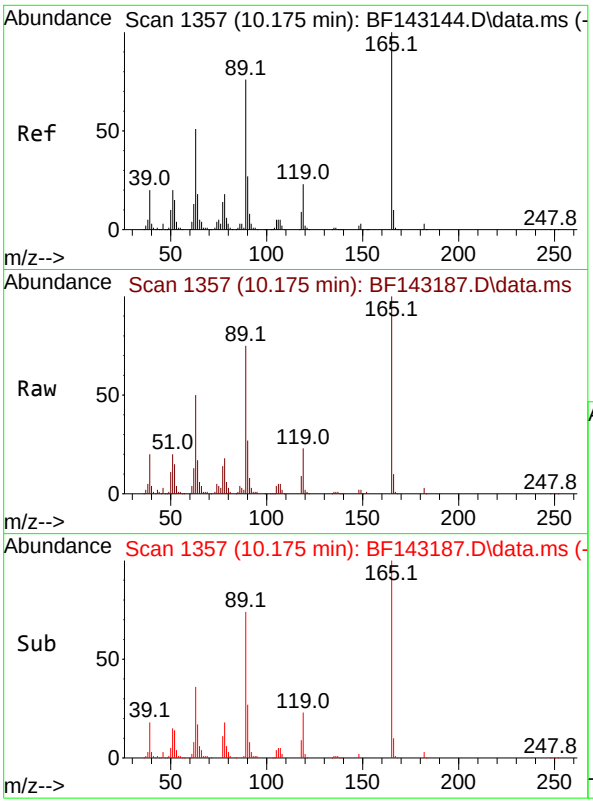




#56
4-Nitrophenol
Concen: 42.968 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:139 Resp: 104968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.9 | 48.5 | 88.5 |
| 65 | 100.1 | 83.4 | 123.4 |



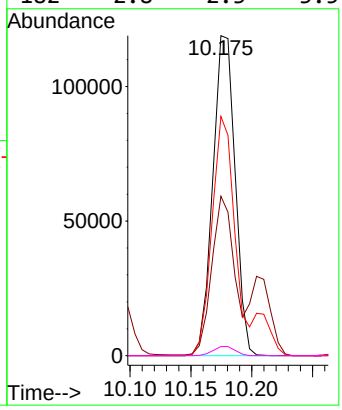


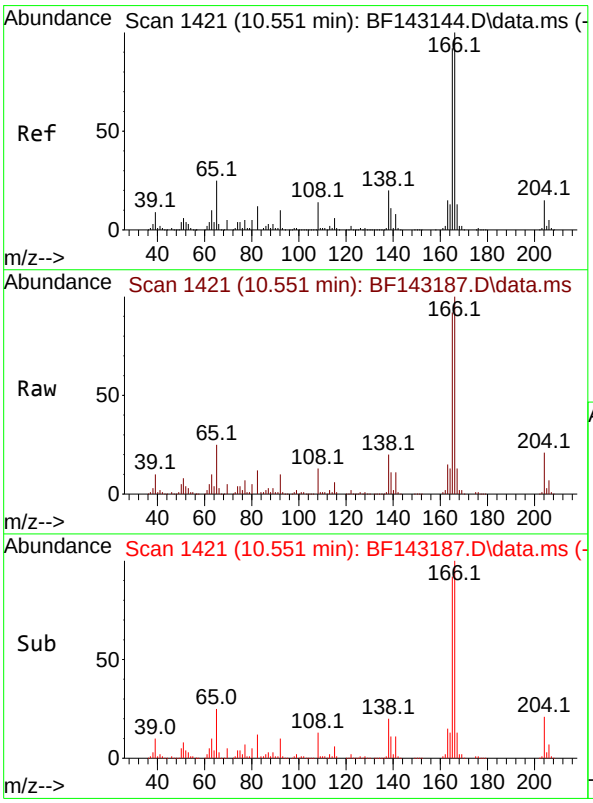

#57
2,4-Dinitrotoluene
Concen: 43.407 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 152315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.8 | 41.0 | 61.4 |
| 89 | 74.7 | 61.1 | 91.7 |
| 182 | 2.8 | 2.3 | 3.5 |

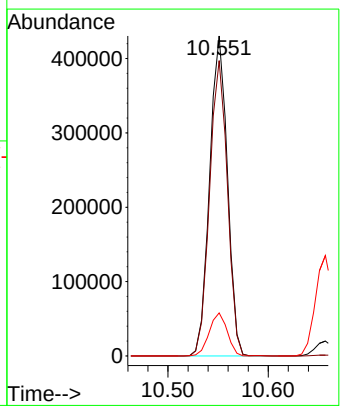


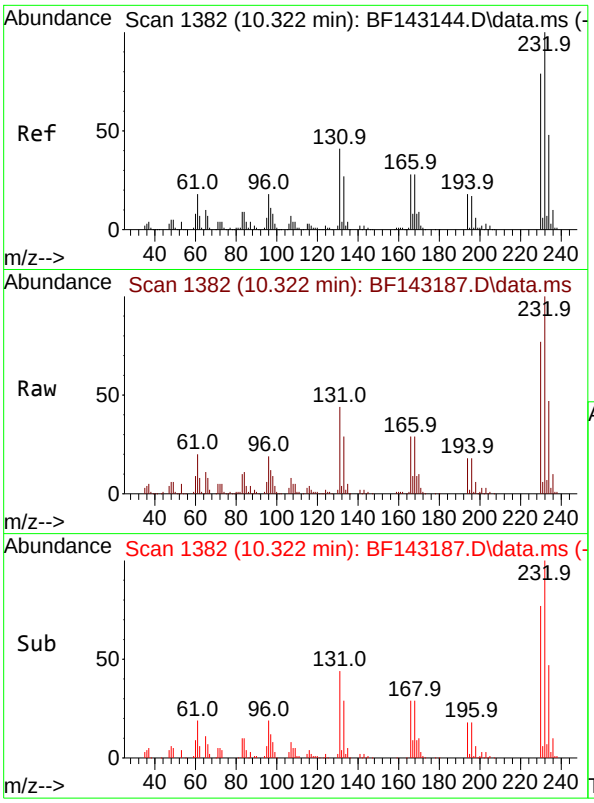




#58
Fluorene
Concen: 39.388 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:166 Resp: 529342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.3 | 73.7 | 110.5 |
| 167 | 13.4 | 10.6 | 16.0 |



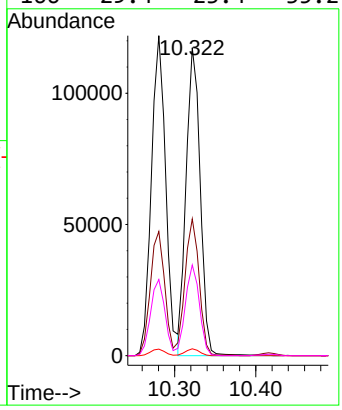


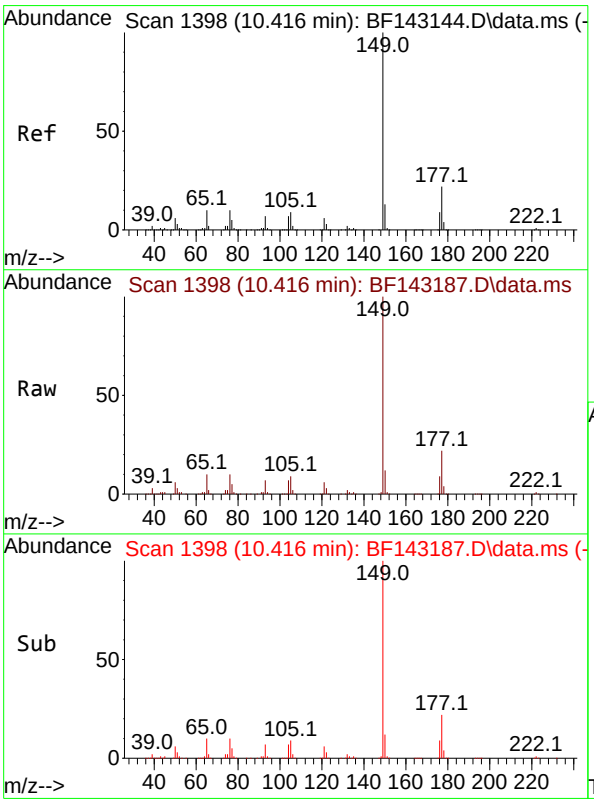

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.644 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:232 Resp: 141939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.9 | 35.3 | 52.9 |
| 130 | 2.3 | 1.7 | 2.5 |
| 166 | 29.4 | 23.4 | 35.2 |

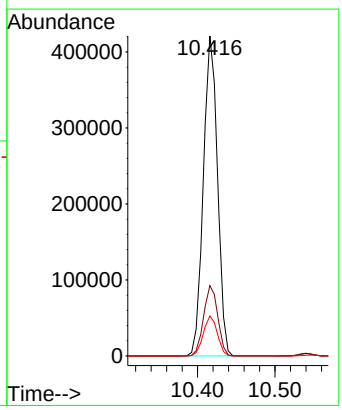


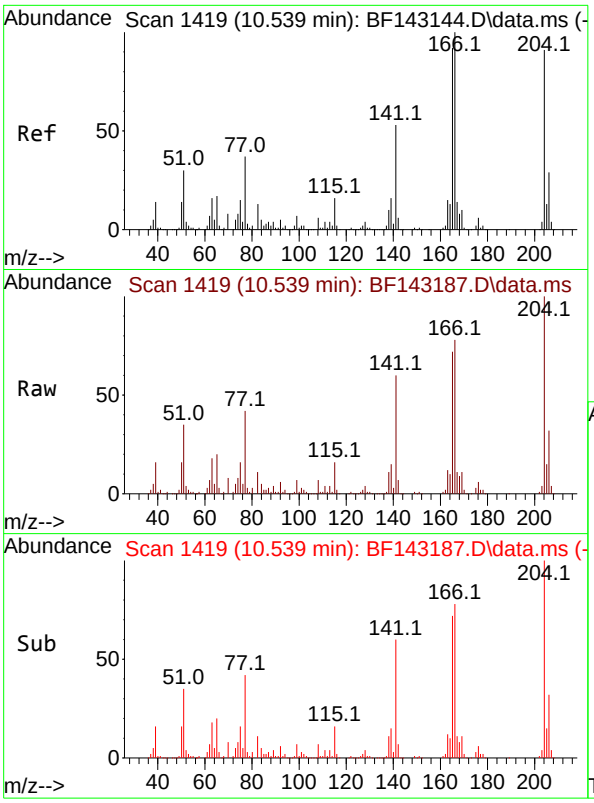




#60
Diethylphthalate
Concen: 39.184 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 532483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.0 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |



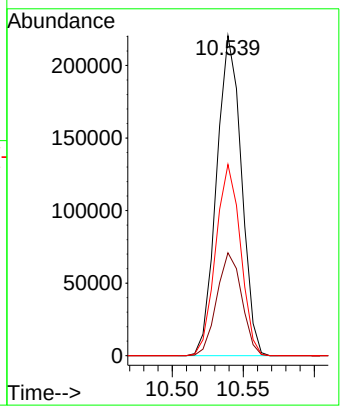


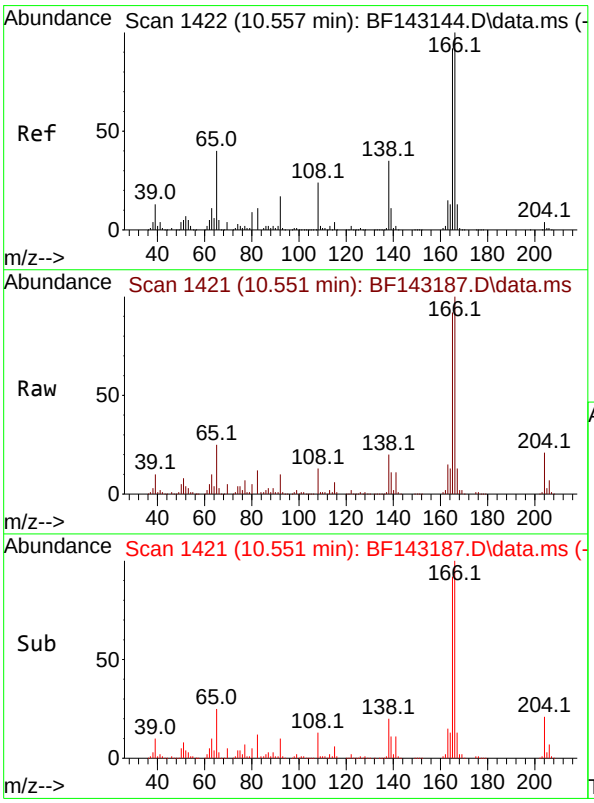

#61
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 268207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 25.8 | 38.8 |
| 141 | 59.8 | 47.0 | 70.4 |

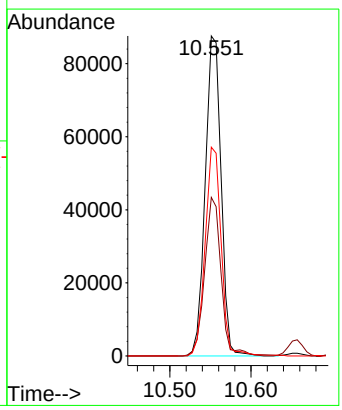


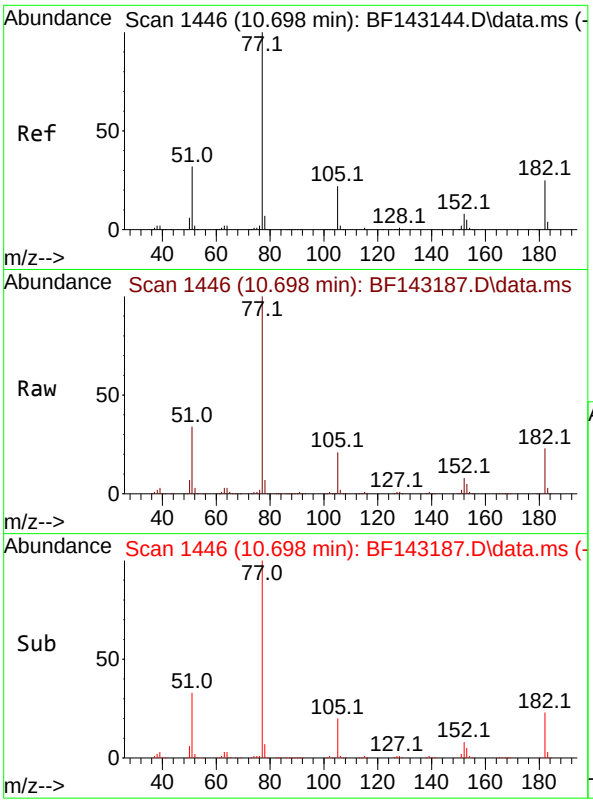




#62
4-Nitroaniline
Concen: 42.379 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:138 Resp: 118821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.5 | 29.3 | 69.3 |
| 108 | 65.2 | 48.3 | 88.3 |



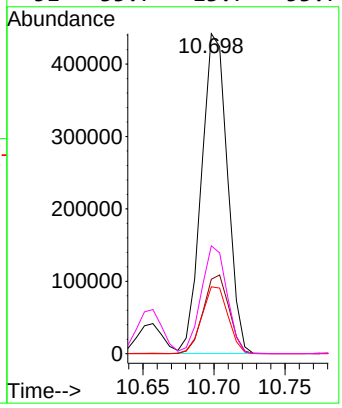


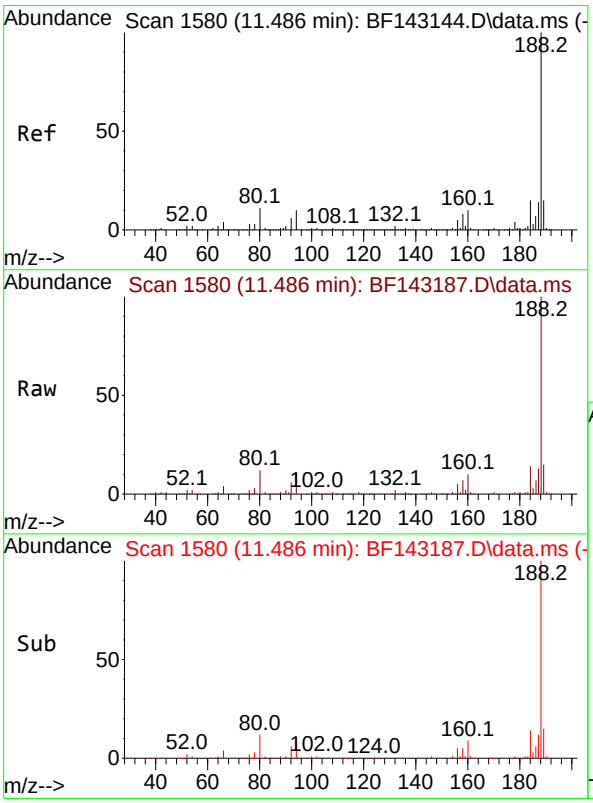

#63
Azobenzene
Concen: 39.680 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 561985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.2 | 4.6 | 44.6 |
| 105 | 20.9 | 1.4 | 41.4 |
| 51 | 33.7 | 13.7 | 53.7 |

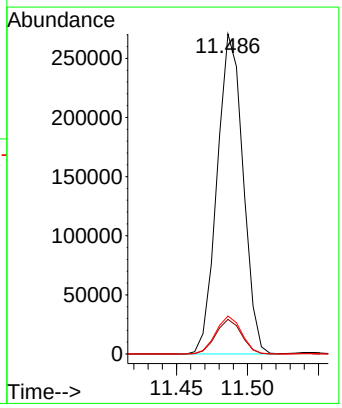


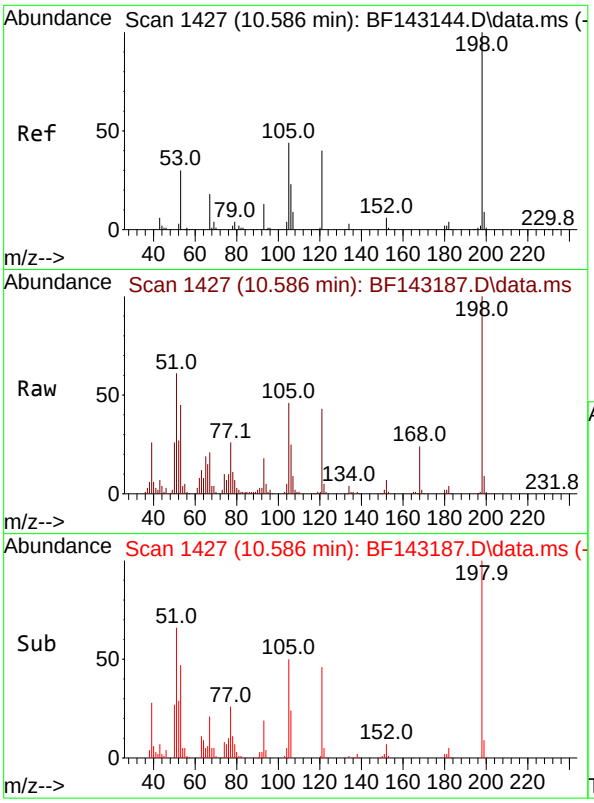




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:188 Resp: 343518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.3 | 12.5 |
| 80 | 11.8 | 9.0 | 13.6 |



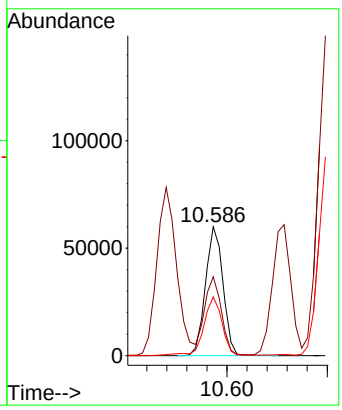


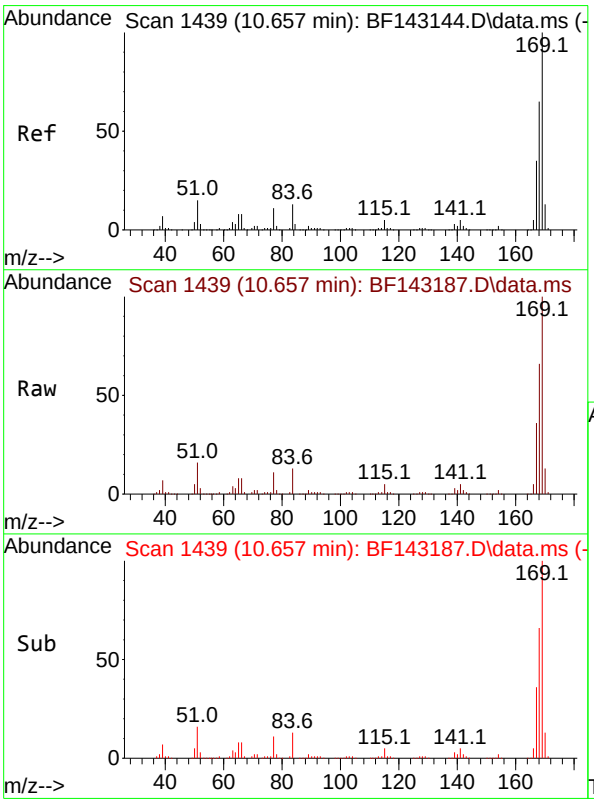

#65
4,6-Dinitro-2-methylphenol
Concen: 41.312 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 72865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 61.1 | 37.2 | 77.2 |
| 105 | 45.6 | 24.8 | 64.8 |

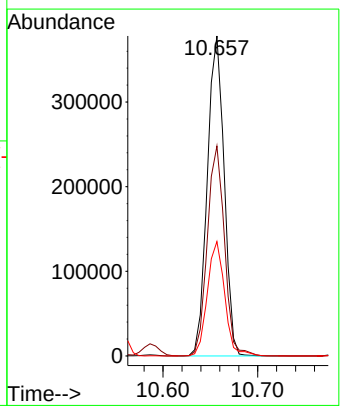


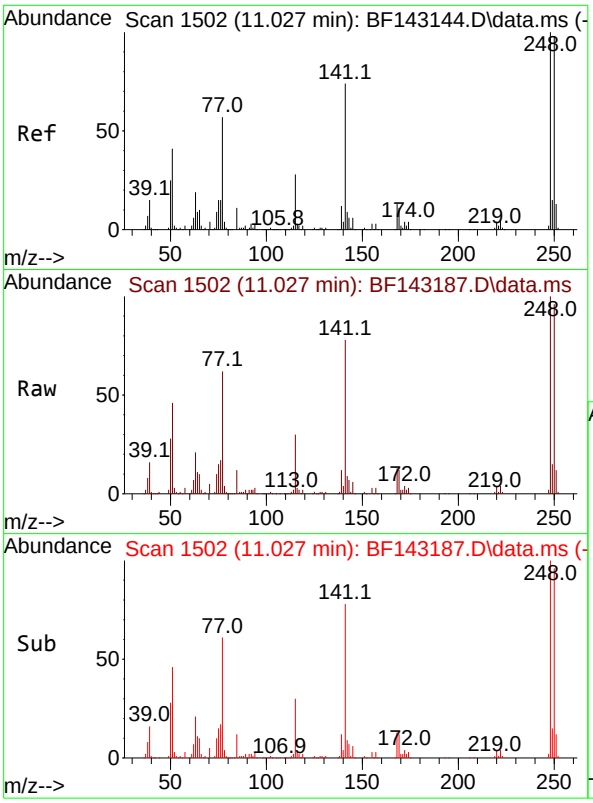




#66
n-Nitrosodiphenylamine
Concen: 38.553 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:169 Resp: 466349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 52.1 | 78.1 |
| 167 | 35.7 | 28.2 | 42.2 |



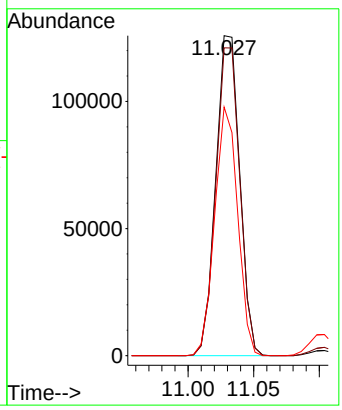


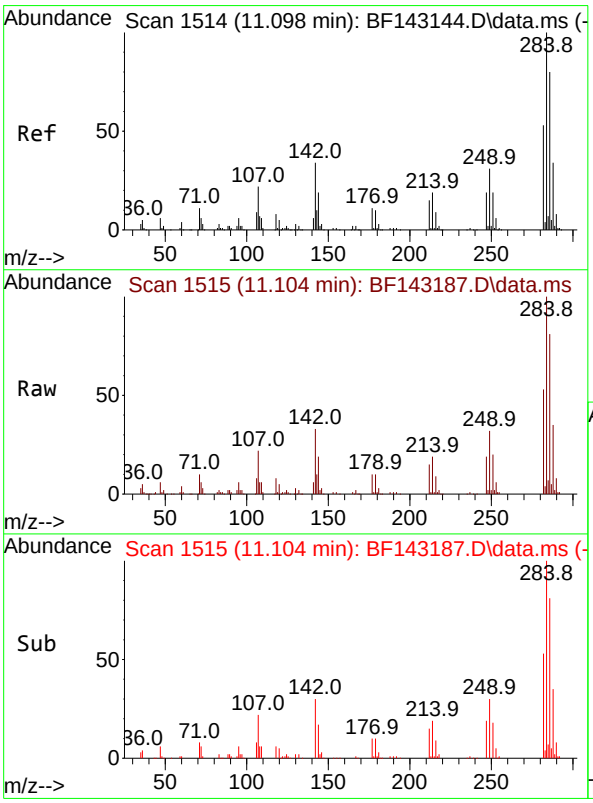

#67
4-Bromophenyl-phenylether
Concen: 39.049 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:248 Resp: 159858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 78.3 | 117.5 |
| 141 | 77.7 | 59.2 | 88.8 |

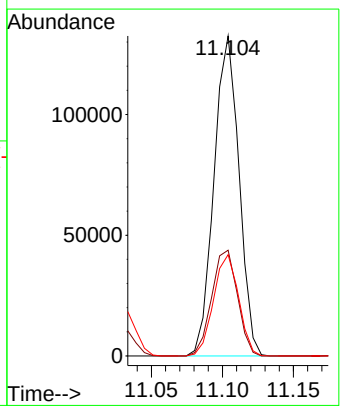


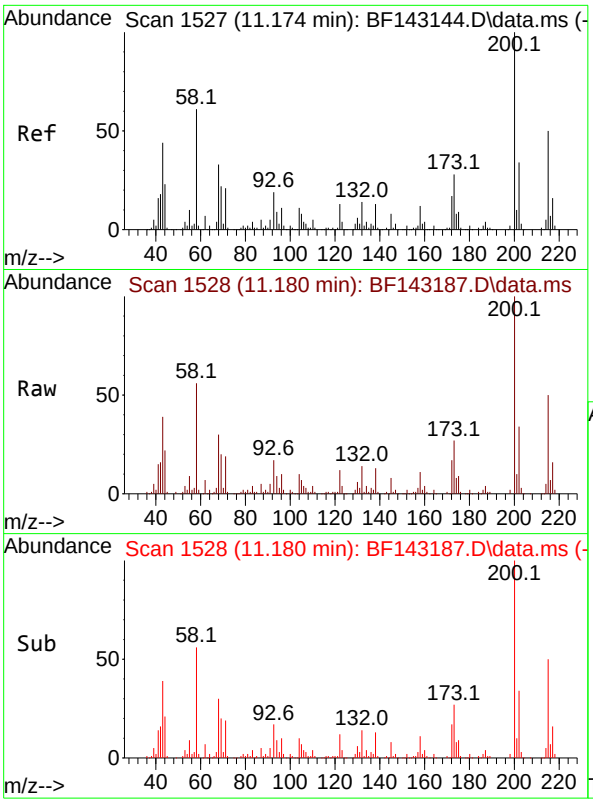




#68
Hexachlorobenzene
Concen: 37.891 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:284 Resp: 162131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.0 | 27.0 | 40.6 |
| 249 | 31.7 | 25.0 | 37.6 |



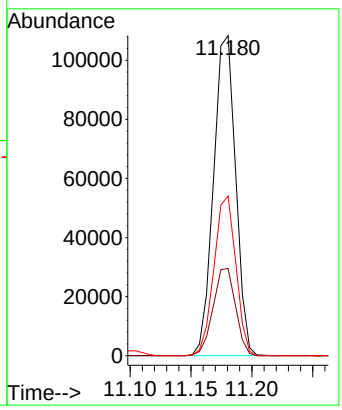


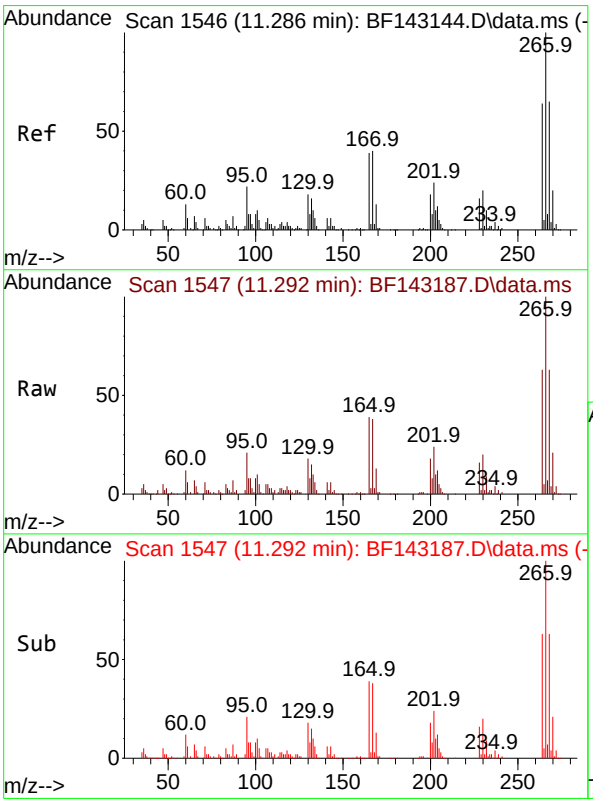

#69
Atrazine
Concen: 41.112 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:200 Resp: 137101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 7.9 | 47.9 |
| 215 | 49.8 | 30.1 | 70.1 |

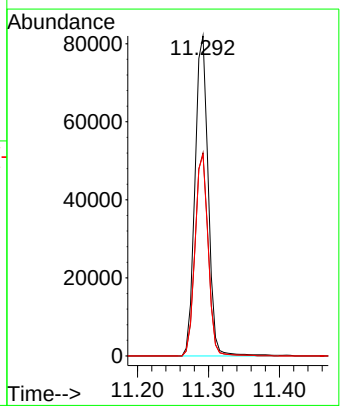


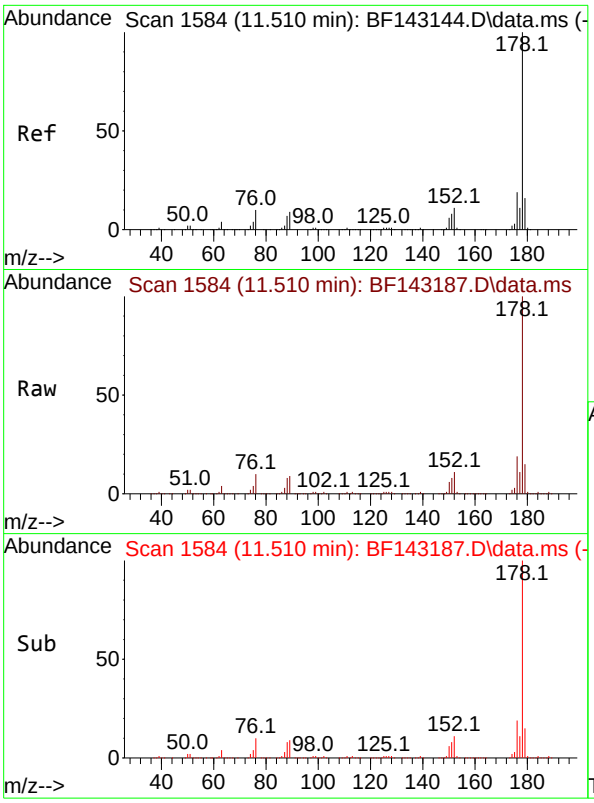




#70
Pentachlorophenol
Concen: 42.253 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:266 Resp: 106322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.5 | 51.9 | 77.9 |
| 264 | 62.9 | 51.0 | 76.6 |



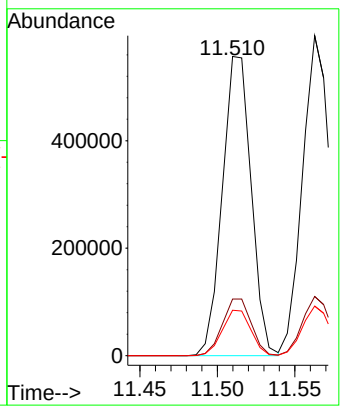


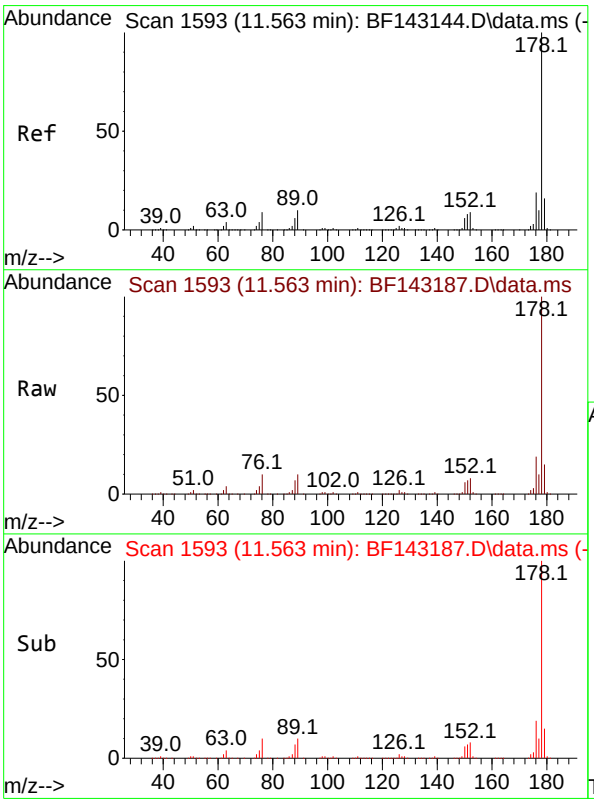

#71
Phenanthrene
Concen: 39.552 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 721419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.2 | 12.5 | 18.7 |

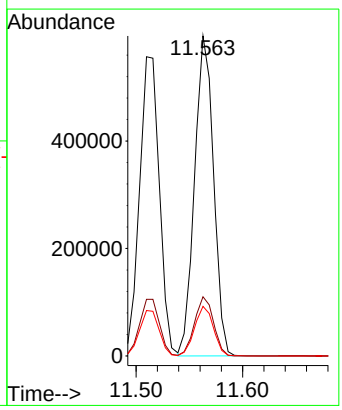


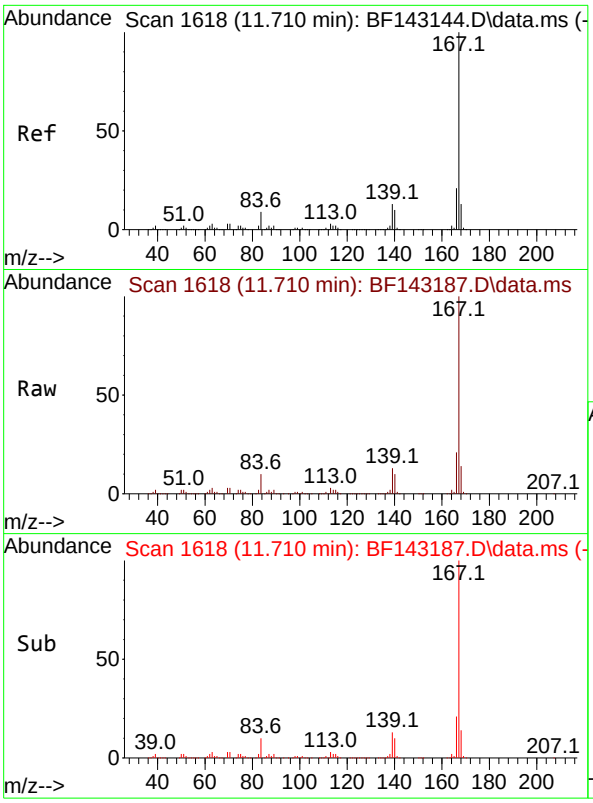




#72
Anthracene
Concen: 39.733 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:178 Resp: 739139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



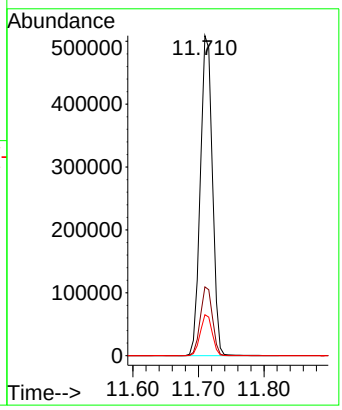


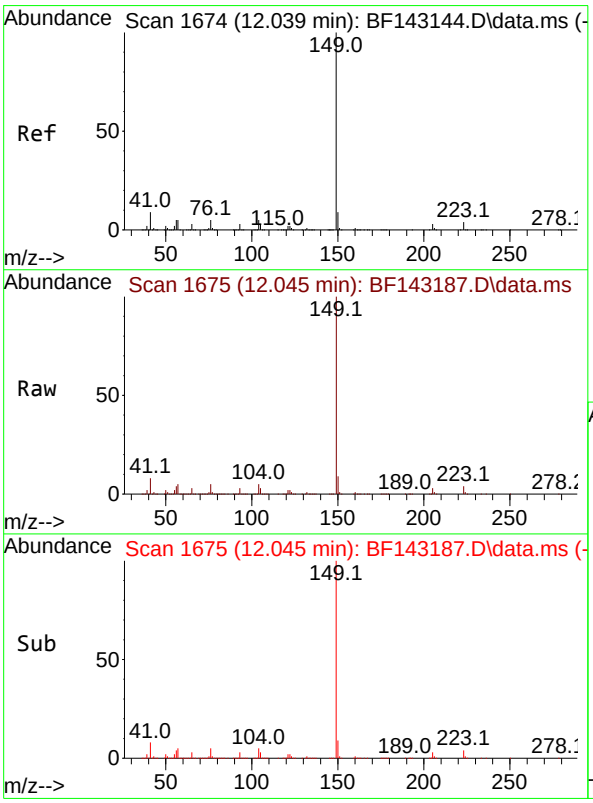

#73
Carbazole
Concen: 40.280 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:167 Resp: 654287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.0 | 25.6 |
| 139 | 12.8 | 10.0 | 15.0 |

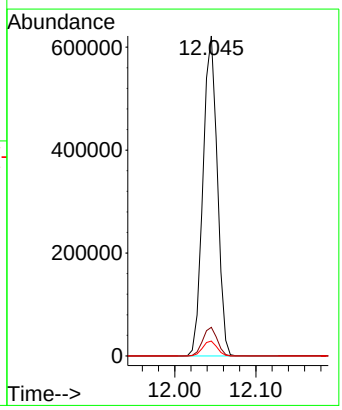


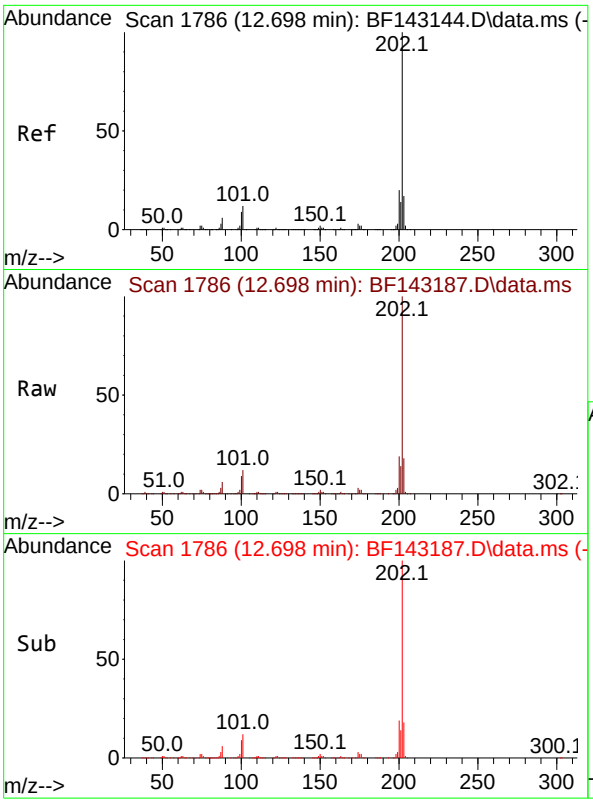




#74
Di-n-butylphthalate
Concen: 41.427 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 761405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



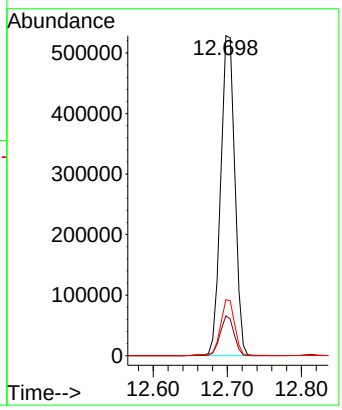


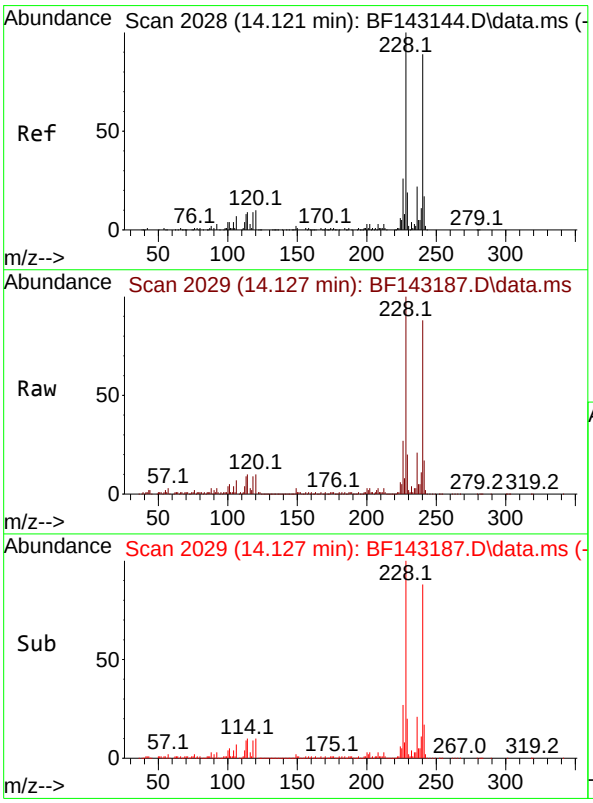

#75
Fluoranthene
Concen: 41.844 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 700542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 31.7 |
| 203 | 17.5 | 0.0 | 37.4 |

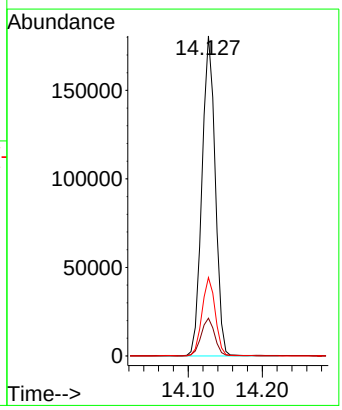


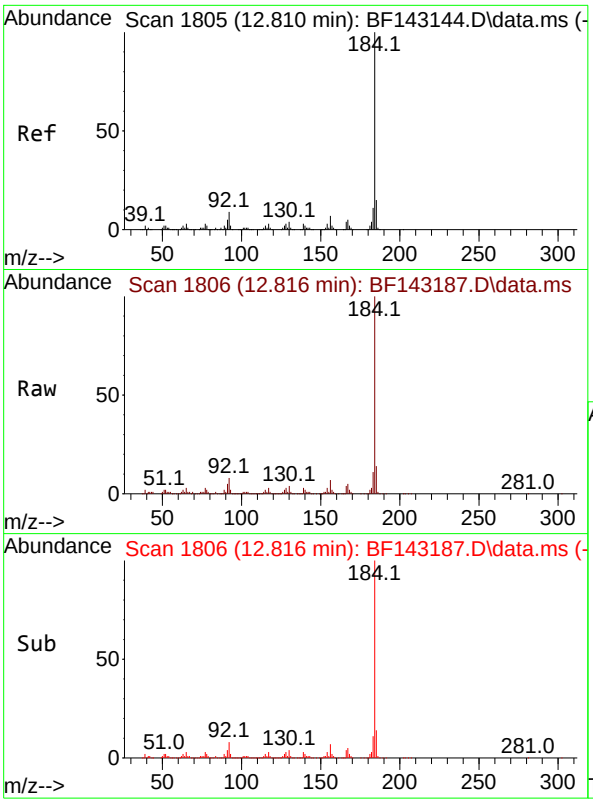




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:240 Resp: 225021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.4 | 14.2 |
| 236 | 24.5 | 20.2 | 30.4 |



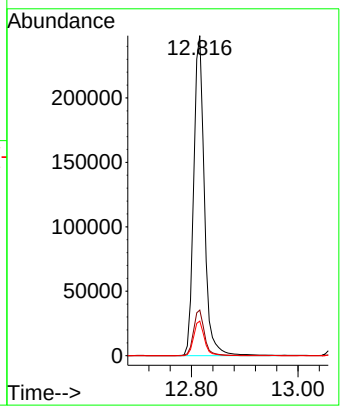


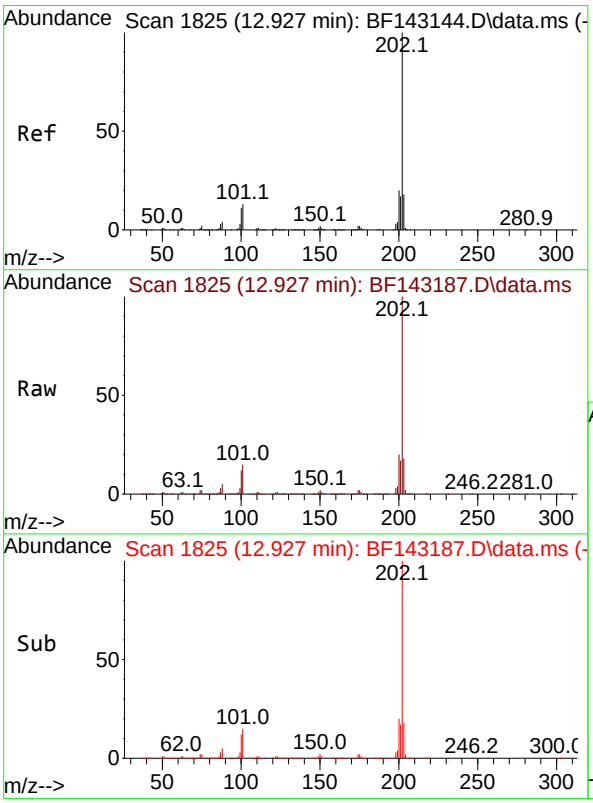

#77
Benzidine
Concen: 39.813 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 345158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 12.2 | 18.4 |
| 183 | 10.8 | 9.0 | 13.4 |

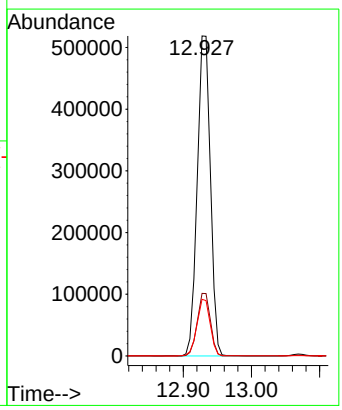


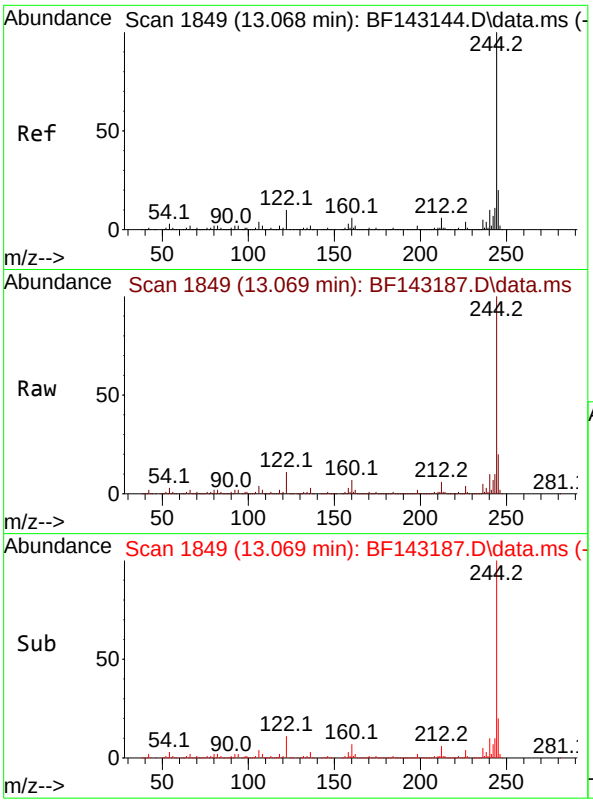




#78
Pyrene
Concen: 36.176 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:202 Resp: 694738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.5 | 15.7 | 23.5 |
| 203 | 17.7 | 14.2 | 21.2 |



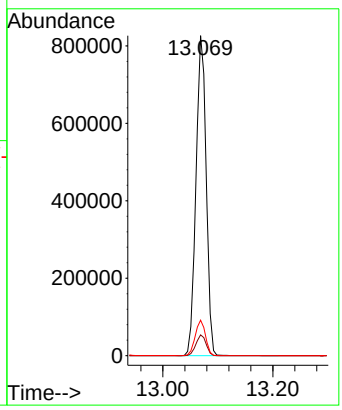


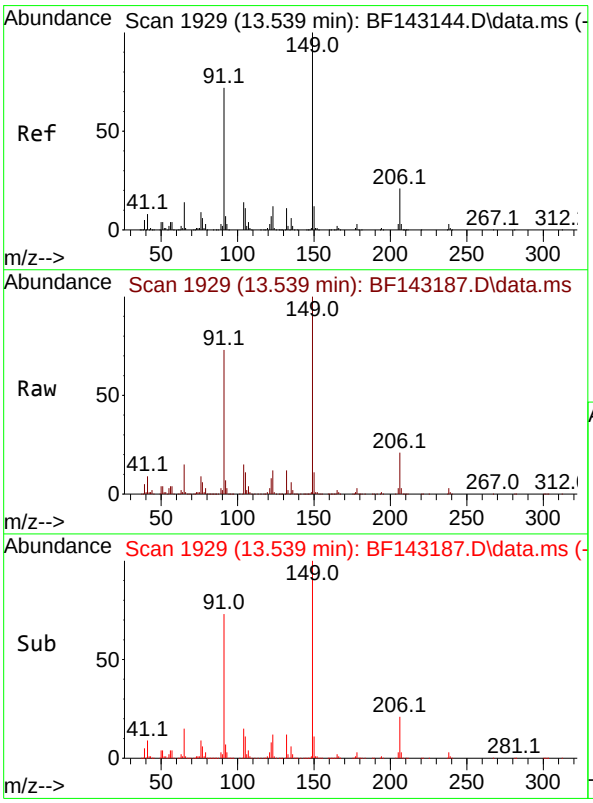

#79
Terphenyl-d14
Concen: 70.493 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:244 Resp: 1065941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.2 | 7.8 |
| 122 | 11.1 | 8.2 | 12.2 |

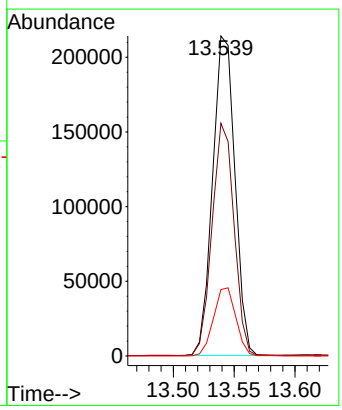


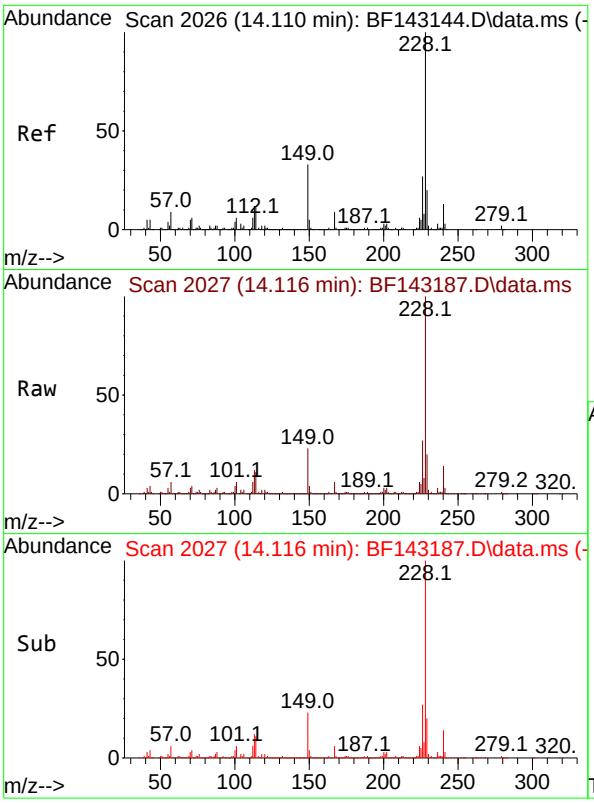




#80
Butylbenzylphthalate
Concen: 46.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 273396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.7 | 57.9 | 86.9 |
| 206 | 20.8 | 17.0 | 25.4 |



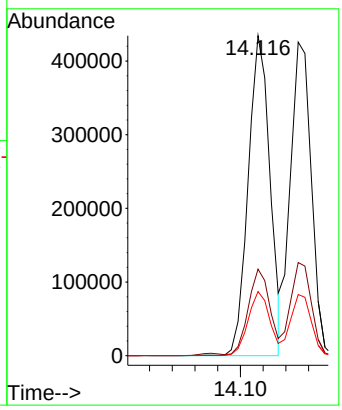


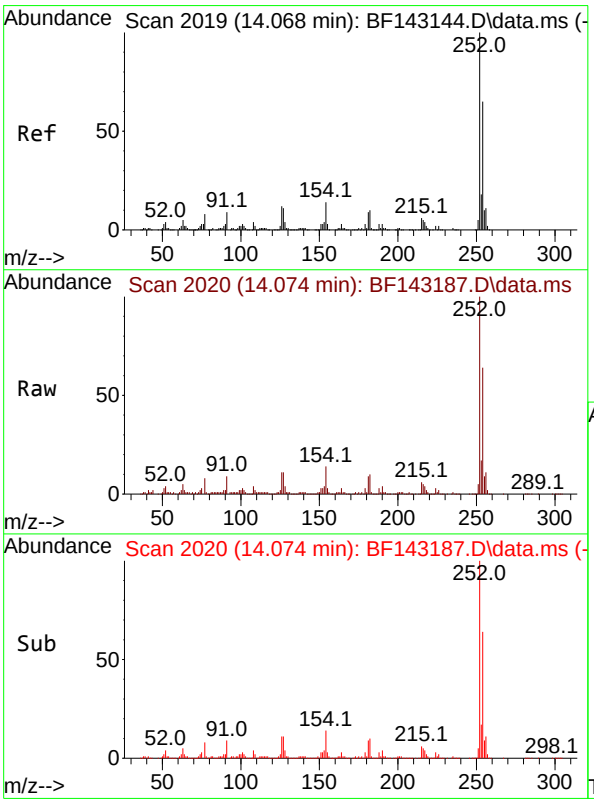

#81
Benzo(a)anthracene
Concen: 38.346 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 577684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 20.0 | 15.8 | 23.6 |

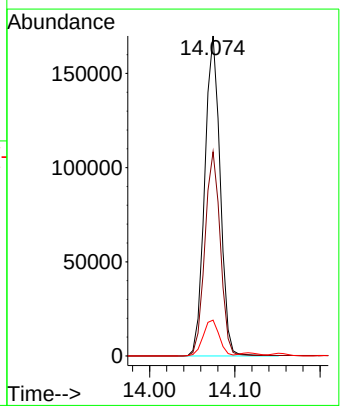


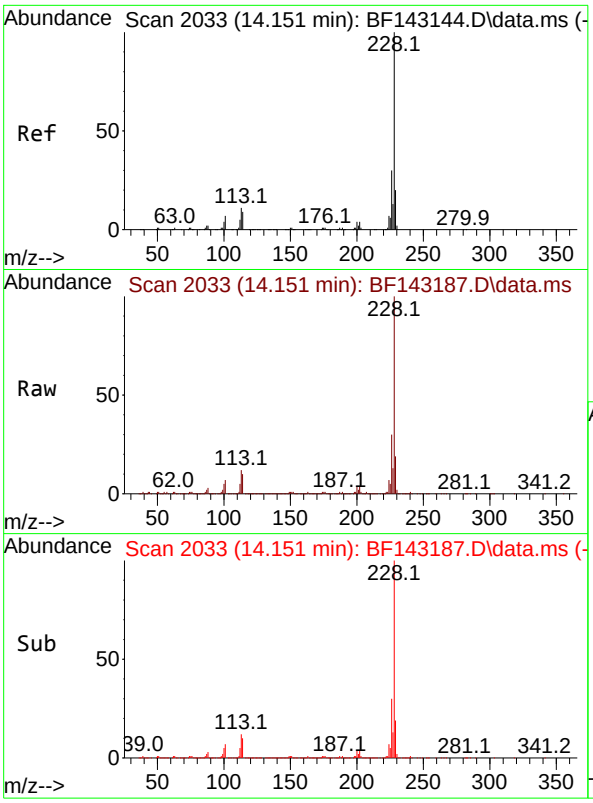




#82
3,3'-Dichlorobenzidine
Concen: 42.575 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 213772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 51.7 | 77.5 |
| 126 | 11.2 | 9.4 | 14.0 |



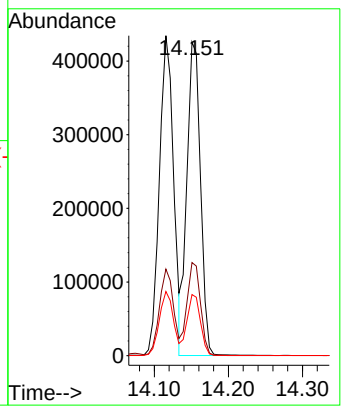


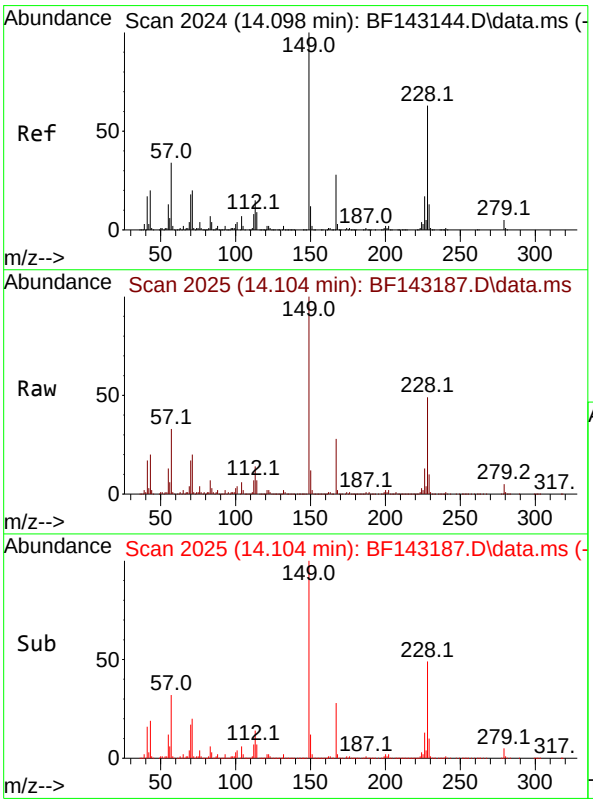

#83
Chrysene
Concen: 40.193 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 544414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |

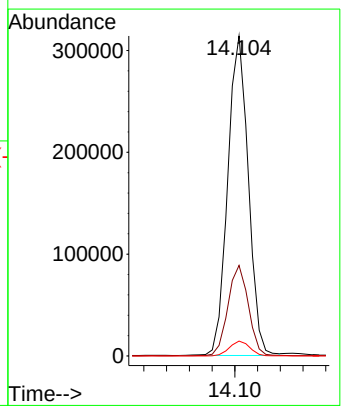


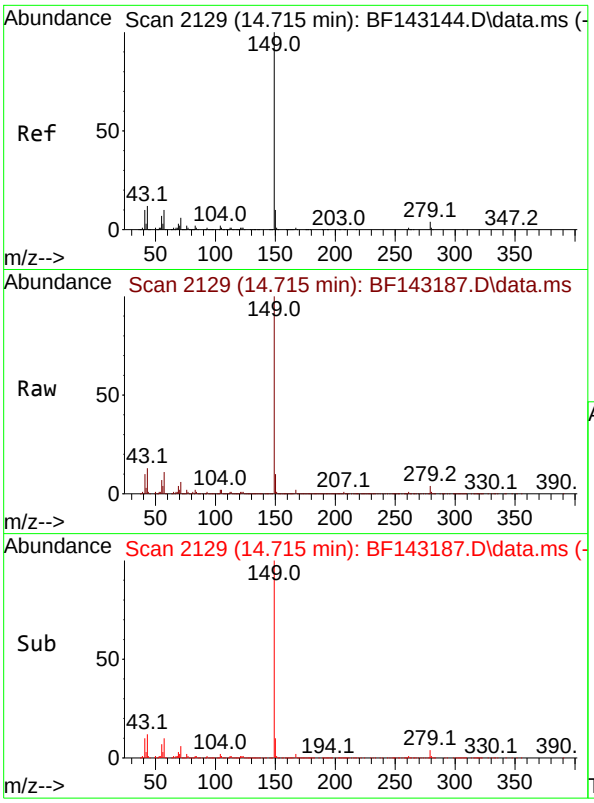




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.258 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:149 Resp: 393938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.3 | 33.5 |
| 279 | 4.7 | 3.6 | 5.4 |



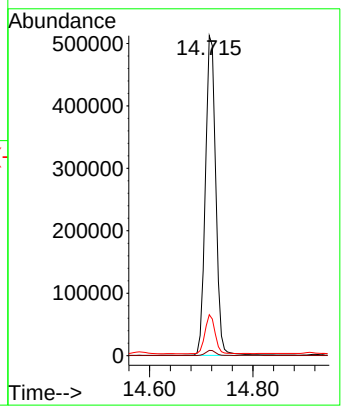


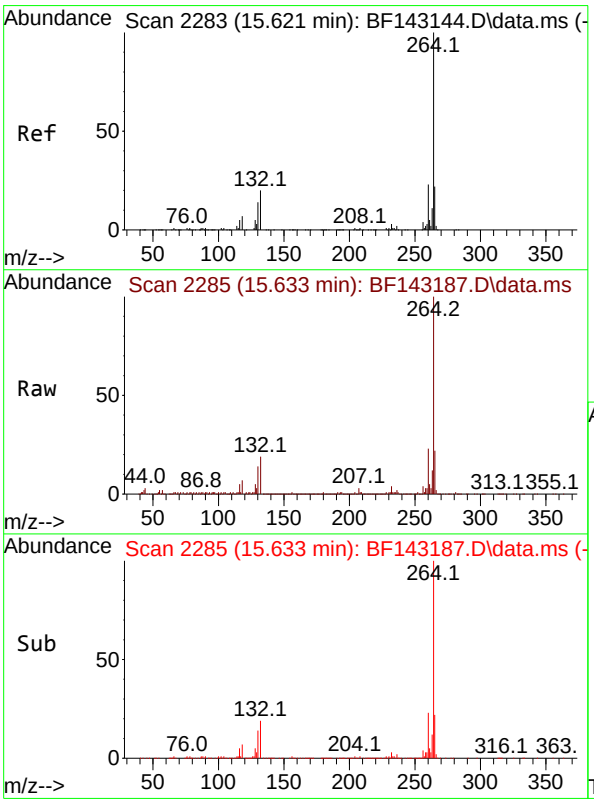

#85
Di-n-octyl phthalate
Concen: 43.945 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 709014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |

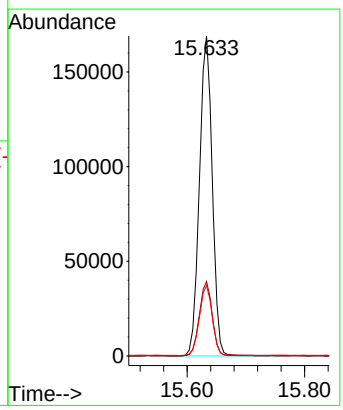


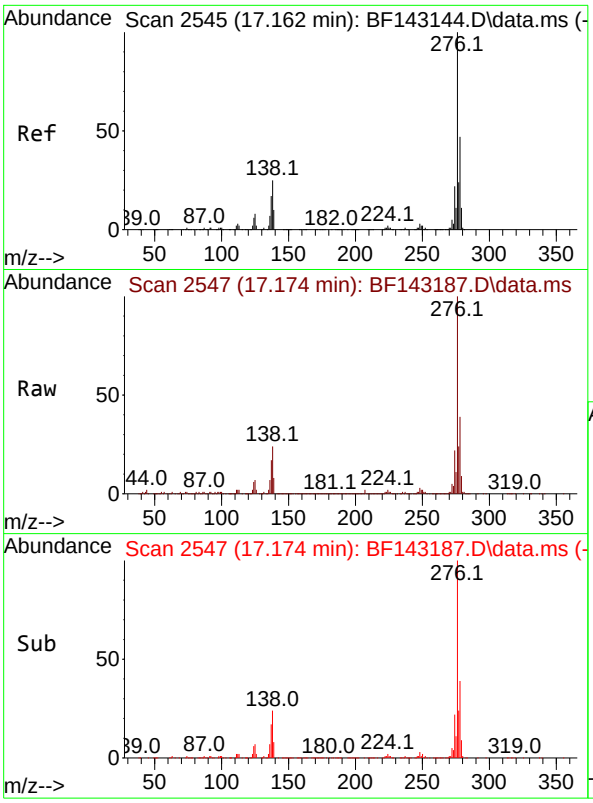




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:264 Resp: 256485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.5 | 27.7 |
| 265 | 22.0 | 17.4 | 26.2 |



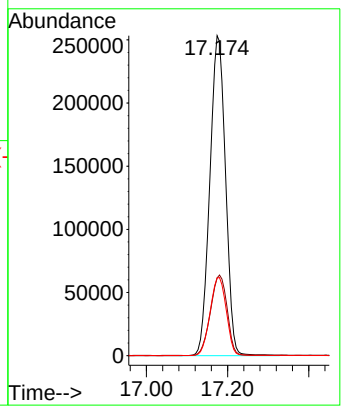


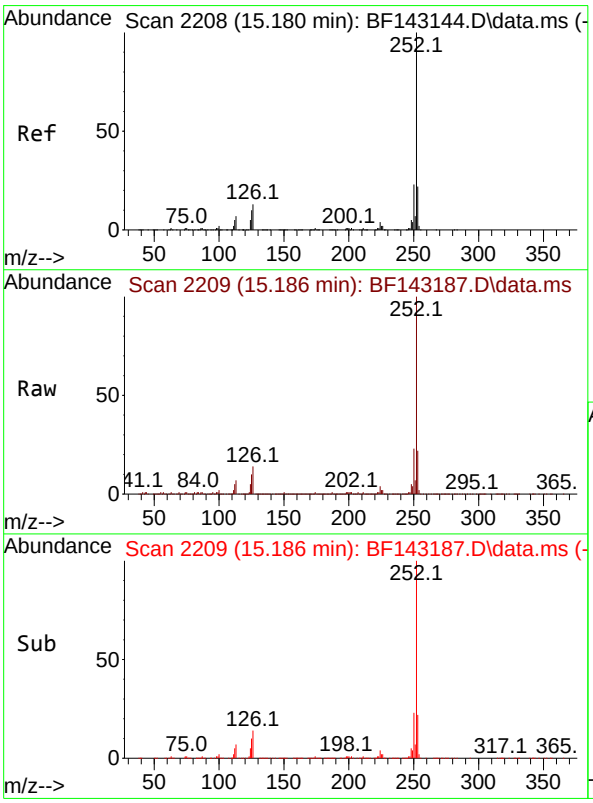

#87
Indeno(1,2,3-cd)pyrene
Concen: 37.481 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 677875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.6 | 21.8 | 32.6 |
| 277 | 25.1 | 20.0 | 30.0 |

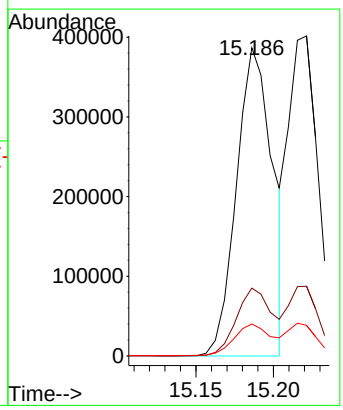


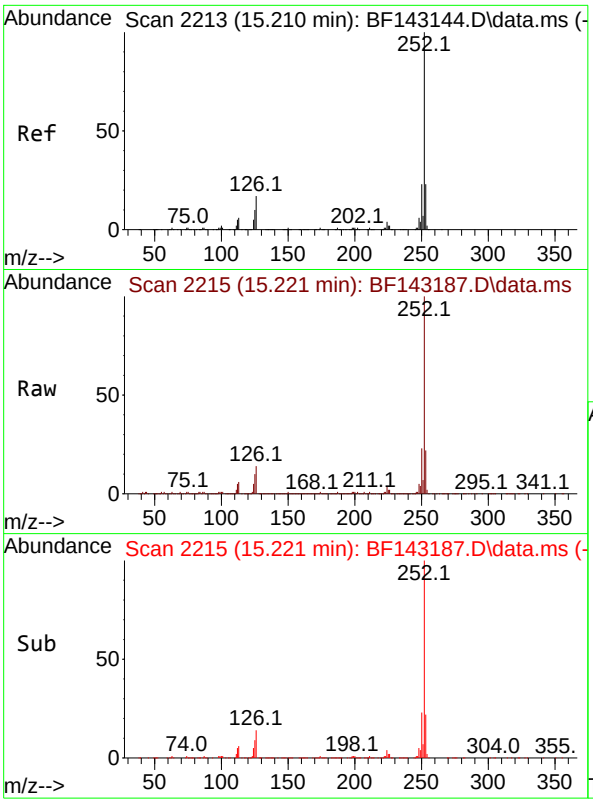




#88
Benzo(b)fluoranthene
Concen: 39.973 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 626330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |



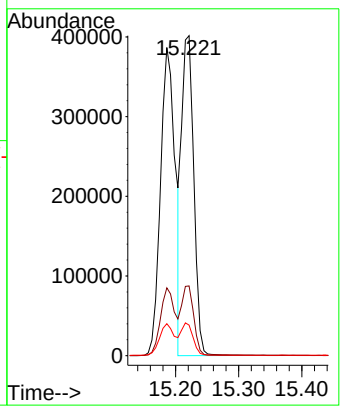


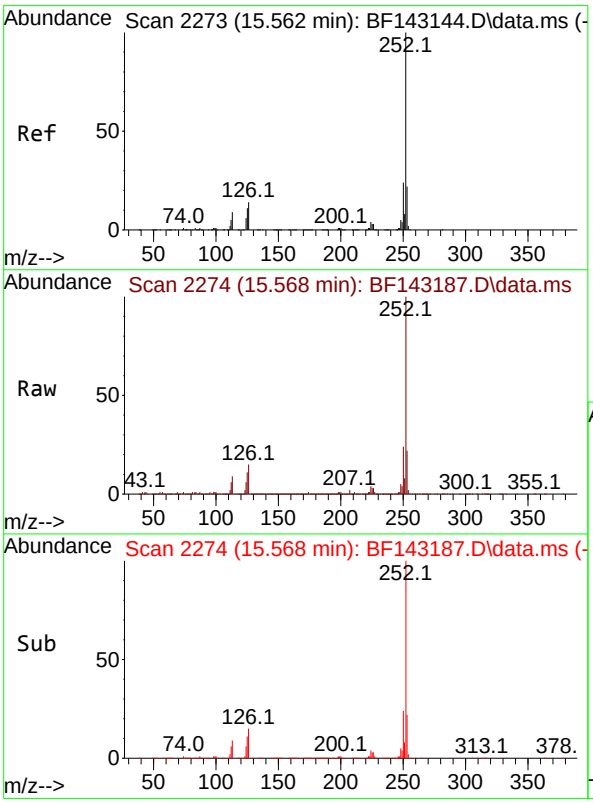

#89
Benzo(k)fluoranthene
Concen: 38.503 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 538347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.6 | 8.1 | 12.1 |

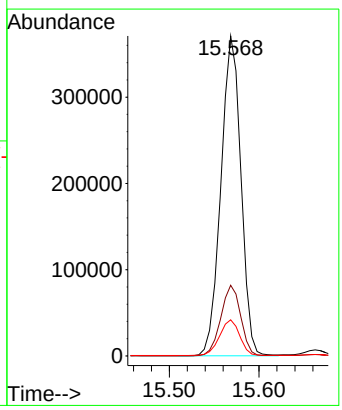


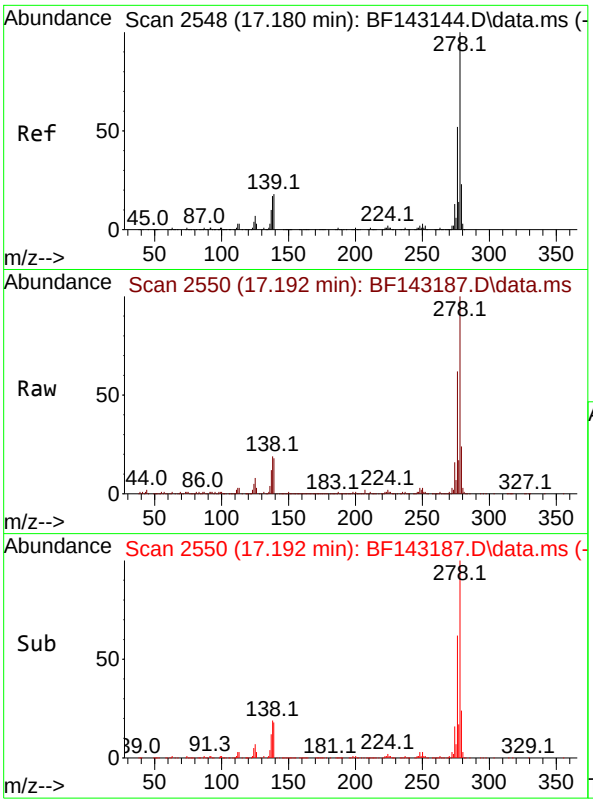




#90
Benzo(a)pyrene
Concen: 39.760 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:252 Resp: 573999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.3 | 25.9 |
| 125 | 11.3 | 8.6 | 13.0 |



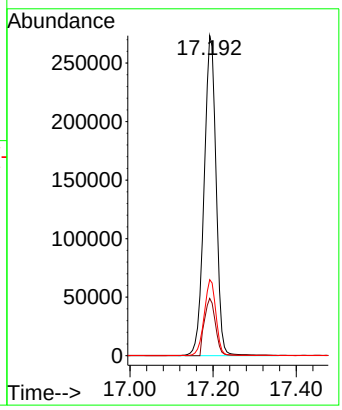


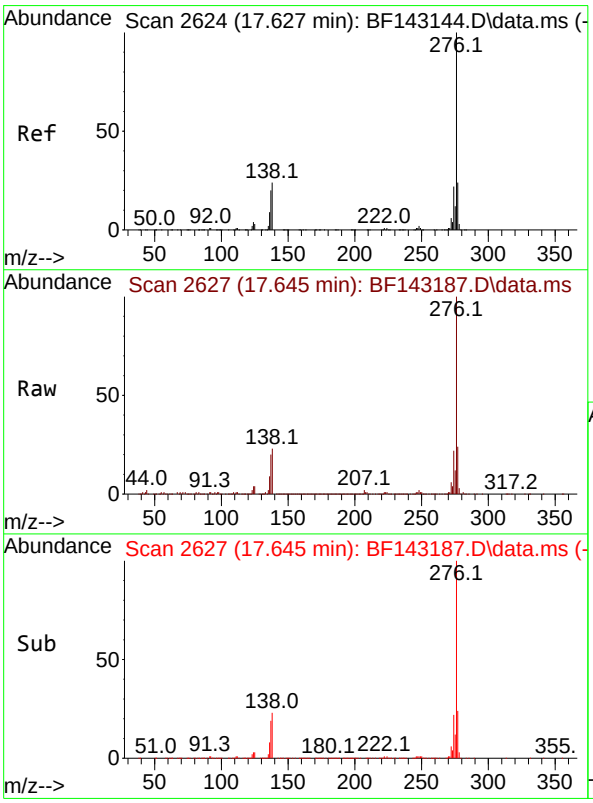

#91
Dibenzo(a,h)anthracene
Concen: 37.299 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:278 Resp: 549063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 14.1 | 21.1 |
| 279 | 23.7 | 18.6 | 28.0 |

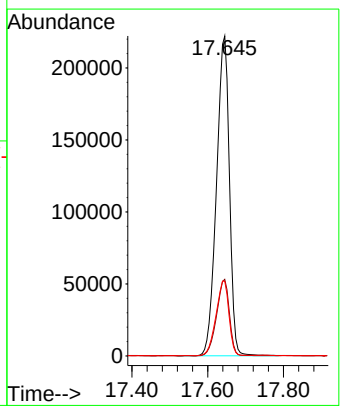



#92
Benzo(g,h,i)perylene
Concen: 36.968 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143187.D
Acq: 22 Jul 2025 13:55

Tgt Ion:276 Resp: 526414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.1 | 28.7 |
| 138 | 23.3 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 2 | | 1,4-Dioxane | 0.598 | 0.573 | 4.2 | 63 | -0.02 |
| 3 | | Pyridine | 1.552 | 1.487 | 4.2 | 65 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.801 | 0.773 | 3.5 | 63 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.264 | 1.228 | 2.8 | 66 | 0.00 |
| 6 | | Aniline | 2.217 | 2.129 | 4.0 | 64 | 0.00 |
| 7 | S | Phenol-d6 | 1.591 | 1.539 | 3.3 | 66 | 0.00 |
| 8 | | 2-Chlorophenol | 1.325 | 1.296 | 2.2 | 66 | 0.00 |
| 9 | | Benzaldehyde | 1.193 | 1.113 | 6.7 | 51 | 0.00 |
| 10 | C | Phenol | 1.733 | 1.787 | -3.1 | 69 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.279 | 3.6 | 65 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.439 | 1.418 | 1.5 | 67 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.419 | 2.1 | 66 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.378 | 1.357 | 1.5 | 67 | 0.00 |
| 15 | | Benzyl Alcohol | 1.215 | 1.191 | 2.0 | 65 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.461 | 2.444 | 0.7 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 1.114 | 1.095 | 1.7 | 66 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.505 | -0.6 | 68 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.021 | 0.950 | 7.0 | 64 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.351 | 1.360 | -0.7 | 67 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 22 | | Acetophenone | 0.474 | 0.455 | 4.0 | 66 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.401 | 0.404 | -0.7 | 67 | 0.00 |
| 24 | | Nitrobenzene | 0.374 | 0.373 | 0.3 | 65 | 0.00 |
| 25 | | Isophorone | 0.708 | 0.669 | 5.5 | 64 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.162 | 0.179 | -10.5 | 69 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.331 | 0.320 | 3.3 | 65 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.425 | 0.413 | 2.8 | 66 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.279 | 0.275 | 1.4 | 66 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.296 | 2.0 | 66 | 0.00 |
| 31 | | Naphthalene | 0.985 | 0.970 | 1.5 | 67 | 0.00 |
| 32 | | Benzoic acid | 0.169 | 0.198 | -17.2 | 72 | -0.01 |
| 33 | | 4-Chloroaniline | 0.402 | 0.390 | 3.0 | 66 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.183 | 0.5 | 67 | 0.00 |
| 35 | | Caprolactam | 0.084 | 0.083 | 1.2 | 63 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.303 | 0.293 | 3.3 | 64 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.599 | 0.591 | 1.3 | 67 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.617 | 0.608 | 1.5 | 67 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.577 | 0.580 | -0.5 | 67 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.376 | 0.387 | -2.9 | 66 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.207 | 0.214 | -3.4 | 65 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.390 | 2.5 | 65 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.400 | 0.416 | -4.0 | 65 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.462 | 1.449 | 0.9 | 68 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.560 | 1.558 | 0.1 | 66 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.143 | 1.0 | 66 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.362 | 0.386 | -6.6 | 65 | 0.00 |
| 49 | | Acenaphthylene | 1.935 | 1.914 | 1.1 | 65 | 0.00 |
| 50 | | Dimethylphthalate | 1.304 | 1.281 | 1.8 | 64 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.265 | 0.276 | -4.2 | 63 | 0.00 |
| 52 | C | Acenaphthene | 1.144 | 1.157 | -1.1 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 0.310 | 0.321 | -3.5 | 64 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.098 | 0.126 | -28.6# | 77 | 0.00 |
| 55 | | Dibenzofuran | 1.698 | 1.666 | 1.9 | 65 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.249 | -7.3 | 64 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.361 | -8.4 | 65 | 0.00 |
| 58 | | Fluorene | 1.274 | 1.255 | 1.5 | 66 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.331 | 0.336 | -1.5 | 64 | 0.00 |
| 60 | | Diethylphthalate | 1.289 | 1.262 | 2.1 | 63 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.635 | 0.636 | -0.2 | 66 | 0.00 |
| 62 | | 4-Nitroaniline | 0.266 | 0.282 | -6.0 | 64 | 0.00 |
| 63 | | Azobenzene | 1.343 | 1.332 | 0.8 | 64 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 63 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.094 | 0.106 | -12.8 | 69 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.704 | 0.679 | 3.6 | 64 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.238 | 0.233 | 2.1 | 65 | 0.00 |
| 68 | | Hexachlorobenzene | 0.249 | 0.236 | 5.2 | 62 | 0.00 |
| 69 | | Atrazine | 0.194 | 0.200 | -3.1 | 64 | 0.00 |
| 70 | C | Pentachlorophenol | 0.147 | 0.155 | -5.4 | 66 | 0.00 |
| 71 | | Phenanthrene | 1.062 | 1.050 | 1.1 | 65 | 0.00 |
| 72 | | Anthracene | 1.083 | 1.076 | 0.6 | 66 | 0.00 |
| 73 | | Carbazole | 0.946 | 0.952 | -0.6 | 65 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.108 | -3.6 | 65 | 0.00 |
| 75 | C | Fluoranthene | 0.975 | 1.020 | -4.6 | 68 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 76 | 0.00 |
| 77 | | Benzidine | 0.771 | 0.767 | 0.5 | 61 | 0.00 |
| 78 | | Pyrene | 1.707 | 1.544 | 9.5 | 68 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.344 | 1.184 | 11.9 | 69 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.607 | -16.1 | 85 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.284 | 4.1 | 76 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.446 | 0.475 | -6.5 | 84 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.210 | -0.5 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.875 | -10.6 | 84 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.434 | 1.575 | -9.8 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.410 | 1.321 | 6.3 | 74 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 1.222 | 1.221 | 0.1 | 84 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.090 | 1.049 | 3.8 | 73 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.126 | 1.119 | 0.6 | 79 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.148 | 1.070 | 6.8 | 74 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.110 | 1.026 | 7.6 | 73 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 38.305 | 4.2 | 63 | -0.02 |
| 3 | | Pyridine | 40.000 | 38.307 | 4.2 | 65 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.581 | 3.5 | 63 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.753 | 2.8 | 66 | 0.00 |
| 6 | | Aniline | 40.000 | 38.416 | 4.0 | 64 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 77.413 | 3.2 | 66 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.143 | 2.1 | 66 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 37.310 | 6.7 | 51 | 0.00 |
| 10 | C | Phenol | 40.000 | 41.254 | -3.1 | 69 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.553 | 3.6 | 65 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.411 | 1.5 | 67 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.163 | 2.1 | 66 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.385 | 1.5 | 67 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.223 | 1.9 | 65 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.713 | 0.7 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.321 | 1.7 | 66 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.297 | -0.7 | 68 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 37.224 | 6.9 | 64 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.254 | -0.6 | 67 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.442 | 3.9 | 66 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.559 | -0.7 | 67 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.866 | 0.3 | 65 | 0.00 |
| 25 | | Isophorone | 40.000 | 37.763 | 5.6 | 64 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 44.078 | -10.2 | 69 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.679 | 3.3 | 65 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.868 | 2.8 | 66 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.425 | 1.4 | 66 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.329 | 1.7 | 66 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.398 | 1.5 | 67 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 43.041 | -7.6 | 72 | -0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 38.830 | 2.9 | 66 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.691 | 0.8 | 67 | 0.00 |
| 35 | | Caprolactam | 40.000 | 39.340 | 1.6 | 63 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.680 | 3.3 | 64 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.453 | 1.4 | 67 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.373 | 1.6 | 67 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.183 | -0.5 | 67 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 41.178 | -2.9 | 66 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 82.786 | -3.5 | 65 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.058 | 2.4 | 65 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.595 | -4.0 | 65 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.290 | 0.9 | 68 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.935 | 0.2 | 66 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.583 | 1.0 | 66 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.683 | -6.7 | 65 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.572 | 1.1 | 65 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.316 | 1.7 | 64 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.575 | -3.9 | 63 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.485 | -1.2 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.415 | -3.5 | 64 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 45.117 | -12.8 | 77 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.249 | 1.9 | 65 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.968 | -7.4 | 64 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 43.407 | -8.5 | 65 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.388 | 1.5 | 66 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.644 | -1.6 | 64 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 39.184 | 2.0 | 63 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.079 | -0.2 | 66 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.379 | -5.9 | 64 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.680 | 0.8 | 64 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 63 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.312 | -3.3 | 69 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.553 | 3.6 | 64 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.049 | 2.4 | 65 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 37.891 | 5.3 | 62 | 0.00 |
| 69 | | Atrazine | 40.000 | 41.112 | -2.8 | 64 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.253 | -5.6 | 66 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.552 | 1.1 | 65 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.733 | 0.7 | 66 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.280 | -0.7 | 65 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 41.427 | -3.6 | 65 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 41.844 | -4.6 | 68 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 76 | 0.00 |
| 77 | | Benzidine | 40.000 | 39.813 | 0.5 | 61 | 0.00 |
| 78 | | Pyrene | 40.000 | 36.176 | 9.6 | 68 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 70.493 | 11.9 | 69 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 46.491 | -16.2 | 85 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.346 | 4.1 | 76 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 42.575 | -6.4 | 84 | 0.00 |
| 83 | | Chrysene | 40.000 | 40.193 | -0.5 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 44.258 | -10.6 | 84 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 43.945 | -9.9 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 79 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 37.481 | 6.3 | 74 | 0.01 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.973 | 0.1 | 84 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 38.503 | 3.7 | 73 | 0.01 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.760 | 0.6 | 79 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 37.299 | 6.8 | 74 | 0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 36.968 | 7.6 | 73 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 14:27:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 14:33

Lab File ID: BF143210.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.264 | 1.243 | | -1.7 | |
| Phenol-d6 | 1.591 | 1.523 | | -4.3 | |
| Nitrobenzene-d5 | 0.401 | 0.408 | | 1.7 | |
| Naphthalene | 0.985 | 0.978 | | -0.7 | |
| 2-Methylnaphthalene | 0.599 | 0.593 | | -1.0 | |
| 2-Fluorobiphenyl | 1.462 | 1.452 | | -0.7 | |
| Acenaphthylene | 1.935 | 1.886 | | -2.5 | |
| Acenaphthene | 1.144 | 1.132 | | -1.0 | 20.0 |
| Fluorene | 1.274 | 1.270 | | -0.3 | |
| 2,4,6-Tribromophenol | 0.207 | 0.202 | | -2.4 | |
| Phenanthrene | 1.062 | 1.044 | | -1.7 | |
| Anthracene | 1.083 | 1.077 | | -0.6 | |
| Fluoranthene | 0.975 | 1.087 | | 11.5 | 20.0 |
| Pyrene | 1.707 | 1.483 | | -13.1 | |
| Terphenyl-d14 | 1.344 | 1.178 | | -12.4 | |
| Benzo(a)anthracene | 1.339 | 1.274 | | -4.9 | |
| Chrysene | 1.204 | 1.200 | | -0.3 | |
| Benzo(b)fluoranthene | 1.222 | 1.277 | | 4.5 | |
| Benzo(k)fluoranthene | 1.090 | 0.998 | | -8.4 | |
| Benzo(a)pyrene | 1.126 | 1.108 | | -1.6 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.410 | 1.357 | | -3.8 | |
| Dibenzo(a,h)anthracene | 1.148 | 1.110 | | -3.3 | |
| Benzo(g,h,i)perylene | 1.110 | 1.097 | | -1.2 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 97351 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 364498 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 187438 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 309922 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 228057 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 245226 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.592 | 112 | 484136 | 78.697 | ng | | 0.00 |
| 7) Phenol-d6 | 6.592 | 99 | 593088 | 76.594 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 594723 | 81.332 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 151520 | 78.251 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1088775 | 79.441 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.063 | 244 | 1074970 | 70.144 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.799 | 88 | 113651 | 39.043 | ng | | 98 |
| 3) Pyridine | 3.575 | 79 | 283334 | 37.501 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 151578 | 38.857 | ng | | 97 |
| 6) Aniline | 6.628 | 93 | 402849 | 37.330 | ng | | 99 |
| 8) 2-Chlorophenol | 6.751 | 128 | 252794 | 39.203 | ng | | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 207569 | 35.749 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 336045 | 39.837 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 244219 | 37.812 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 281071 | 40.124 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 280709 | 39.792 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 269162 | 40.116 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 228448 | 38.639 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 450642 | 37.612 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 207561 | 38.282 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 100851 | 41.296 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 180795 | 36.393 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 256887 | 39.051 | ng | # | 77 |
| 22) Acetophenone | 7.369 | 105 | 335287 | 38.853 | ng | # | 99 |
| 24) Nitrobenzene | 7.539 | 77 | 274884 | 40.321 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 487827 | 37.791 | ng | | 98 |
| 26) 2-Nitrophenol | 7.857 | 139 | 130397 | 44.072 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 230195 | 38.169 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 292069 | 37.737 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 200347 | 39.391 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 223983 | 40.763 | ng | | 100 |
| 31) Naphthalene | 8.269 | 128 | 713073 | 39.723 | ng | | 99 |
| 32) Benzoic acid | 7.986 | 122 | 138803 | 41.627 | ng | | 98 |
| 33) 4-Chloroaniline | 8.310 | 127 | 280428 | 38.259 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 137489 | 40.960 | ng | | 99 |
| 35) Caprolactam | 8.663 | 113 | 62853 | 40.895 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 214294 | 38.764 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 432353 | 39.580 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 448502 | 39.872 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 216223 | 39.956 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 148176 | 42.082 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 144660 | 38.625 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

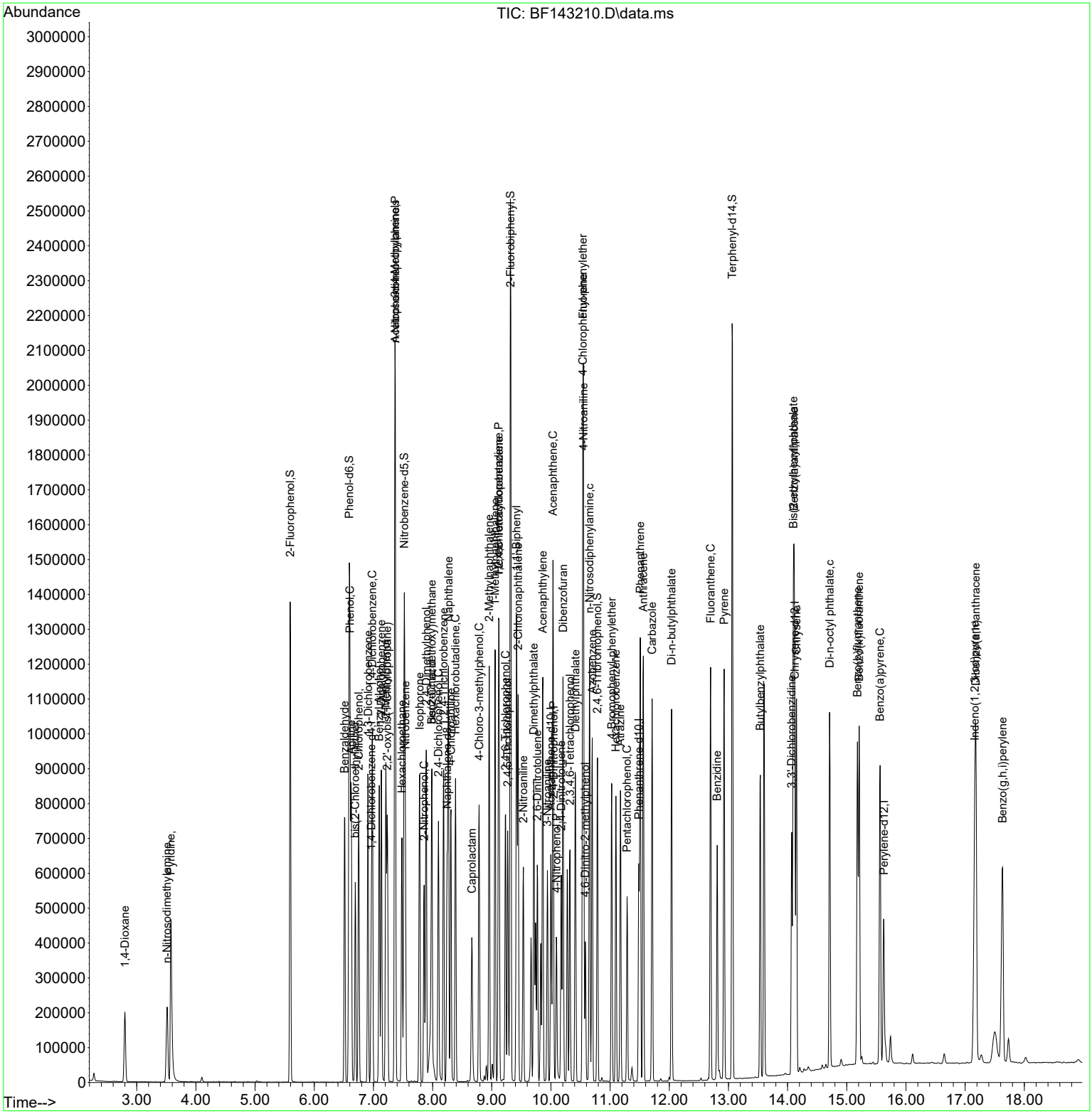
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 150645 | 40.211 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 576976 | 39.454 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 421533 | 38.957 | ng | | 99 |
| 48) 2-Nitroaniline | 9.533 | 65 | 139765 | 41.188 | ng | | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 707016 | 38.989 | ng | | 100 |
| 50) Dimethylphthalate | 9.710 | 163 | 482643 | 39.503 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.769 | 165 | 101938 | 41.014 | ng | | 96 |
| 52) Acenaphthene | 10.033 | 154 | 424478 | 39.605 | ng | | 99 |
| 53) 3-Nitroaniline | 9.939 | 138 | 120421 | 41.423 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 45389 | 43.601 | ng | # | 50 |
| 55) Dibenzofuran | 10.204 | 168 | 625794 | 39.327 | ng | | 100 |
| 56) 4-Nitrophenol | 10.092 | 139 | 90214 | 41.556 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 135422 | 43.429 | ng | | 96 |
| 58) Fluorene | 10.545 | 166 | 476175 | 39.871 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 111208 | 35.835 | ng | | 98 |
| 60) Diethylphthalate | 10.416 | 149 | 478128 | 39.593 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 238049 | 40.030 | ng | | 98 |
| 62) 4-Nitroaniline | 10.551 | 138 | 108074 | 43.376 | ng | | 99 |
| 63) Azobenzene | 10.698 | 77 | 489180 | 38.867 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.580 | 198 | 65757 | 41.322 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 413888 | 37.925 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 142152 | 38.488 | ng | | 99 |
| 68) Hexachlorobenzene | 11.098 | 284 | 150979 | 39.109 | ng | | 99 |
| 69) Atrazine | 11.174 | 200 | 126687 | 42.107 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 83028 | 36.572 | ng | | 99 |
| 71) Phenanthrene | 11.510 | 178 | 646817 | 39.306 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 667319 | 39.761 | ng | | 100 |
| 73) Carbazole | 11.710 | 167 | 608177 | 41.500 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 733248 | 44.219 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 673881 | 44.615 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 357711 | 40.712 | ng | | 98 |
| 78) Pyrene | 12.927 | 202 | 676567 | 34.761 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 280954 | 47.140 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 581201 | 38.065 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 196307 | 38.576 | ng | | 100 |
| 83) Chrysene | 14.151 | 228 | 547436 | 39.878 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 392081 | 43.463 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 657230 | 40.193 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 665501 | 38.487 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 626496 | 41.819 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.210 | 252 | 489587 | 36.623 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 543505 | 39.377 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 544233 | 38.668 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.633 | 276 | 538105 | 39.524 | ng | | 99 |

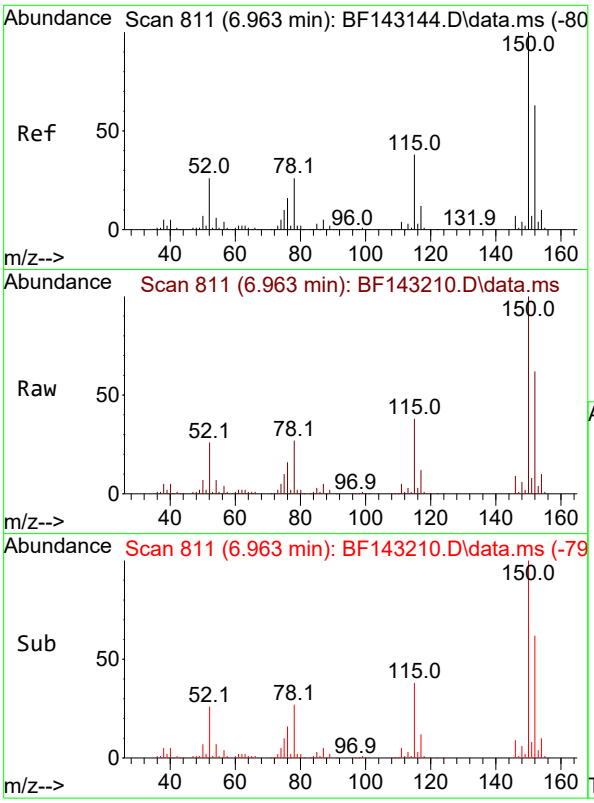
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



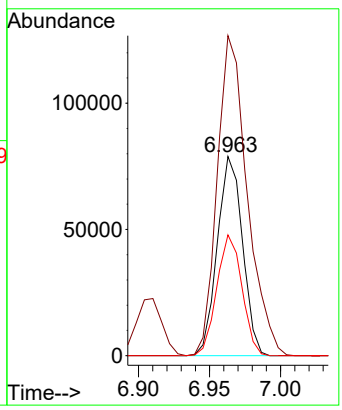


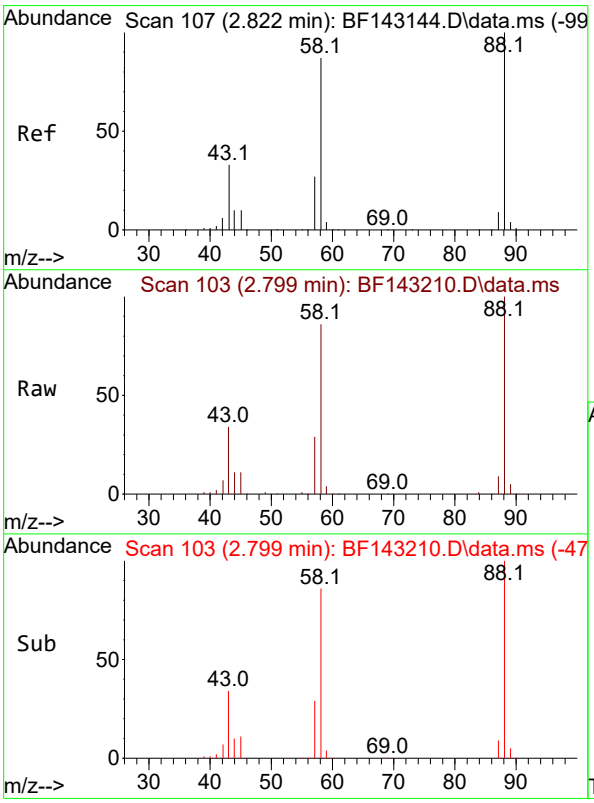

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 97351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.7 | 128.2 | 192.4 |
| 115 | 60.7 | 47.9 | 71.9 |

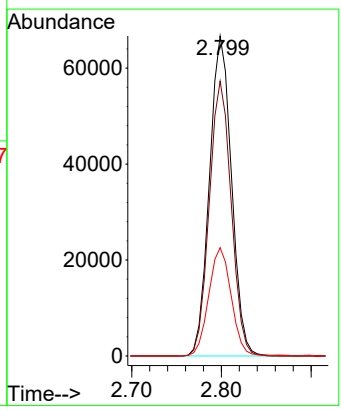


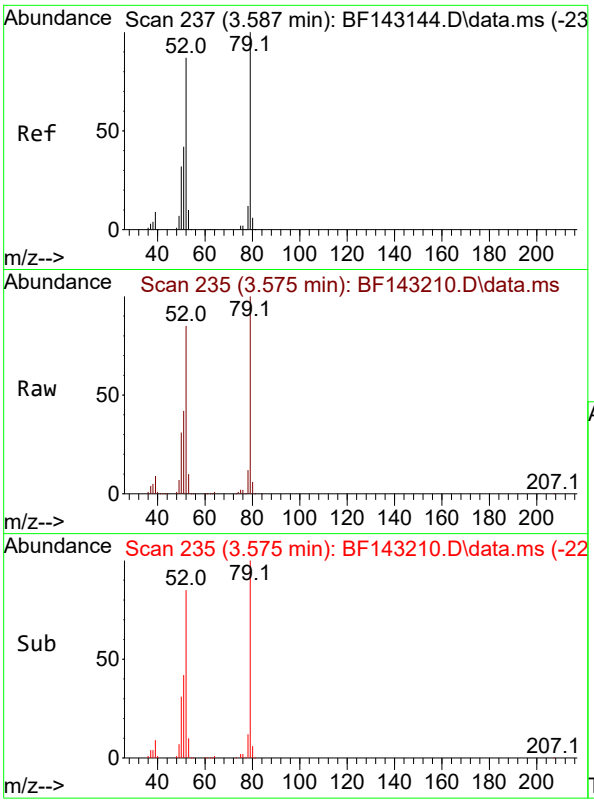




#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 88 Resp: 113651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.3 | 70.2 | 105.2 |
| 43 | 34.6 | 27.1 | 40.7 |



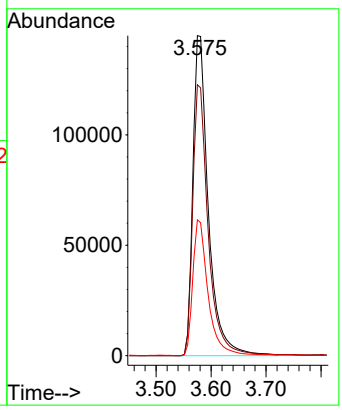


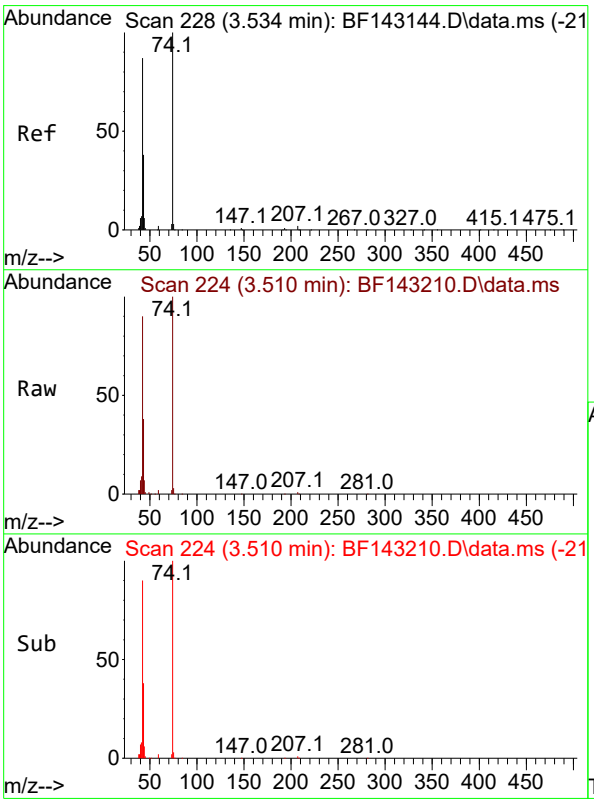

#3
Pyridine
Concen: 37.501 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 283334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.7 | 69.4 | 104.2 |
| 51 | 42.4 | 33.5 | 50.3 |

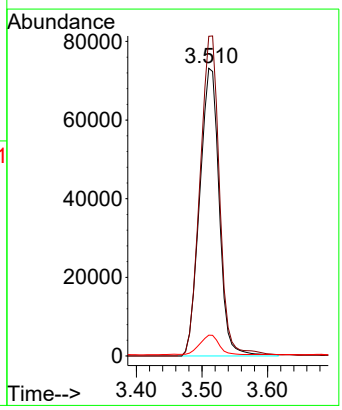


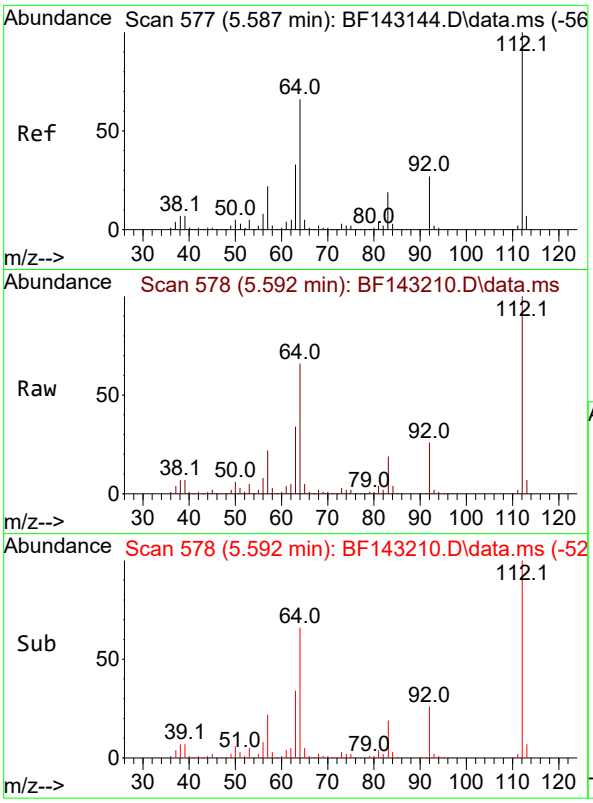




#4
n-Nitrosodimethylamine
Concen: 38.857 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 42 Resp: 151578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.1 | 91.7 | 137.5 |
| 44 | 7.3 | 5.6 | 8.4 |



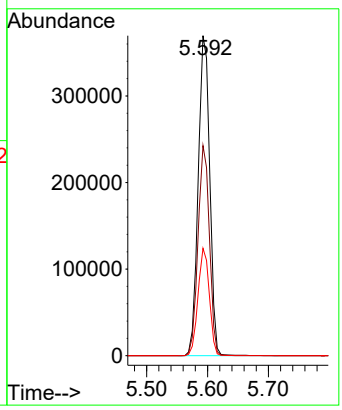


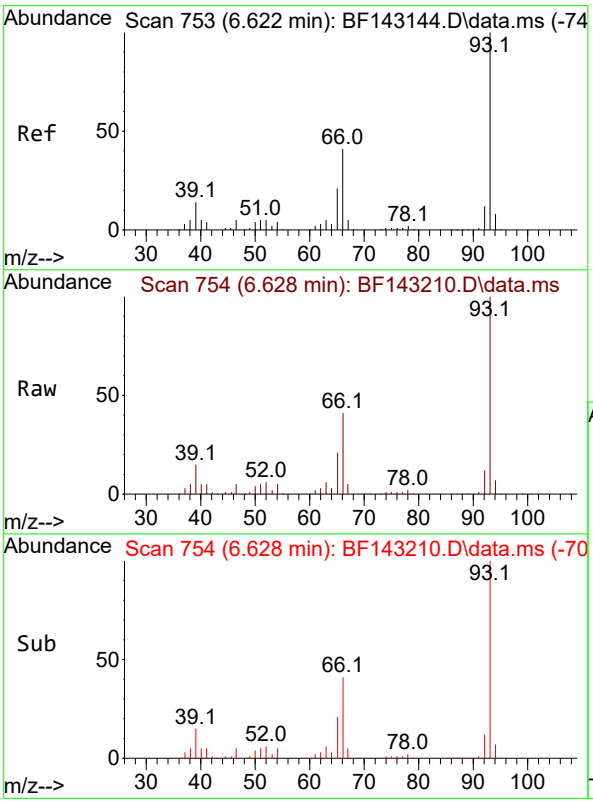

#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 484136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.6 | 53.1 | 79.7 |
| 63 | 33.5 | 26.6 | 40.0 |

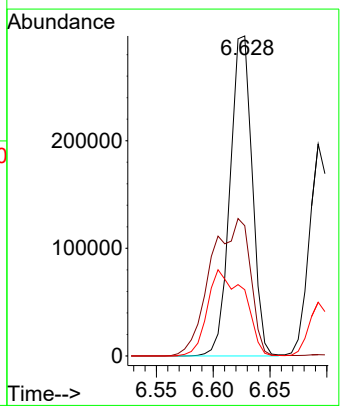


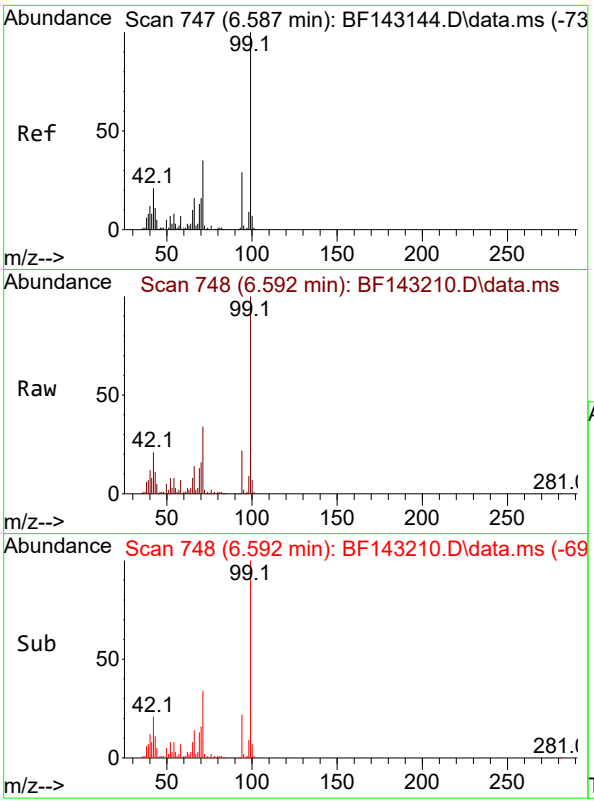




#6
Aniline
Concen: 37.330 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 402849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.7 | 33.2 | 49.8 |
| 65 | 20.7 | 16.9 | 25.3 |



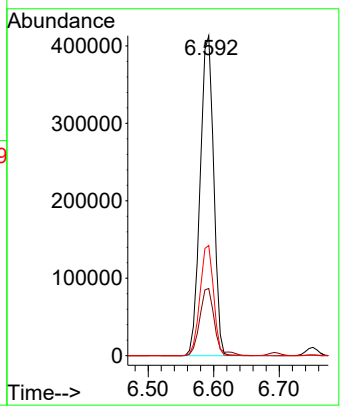


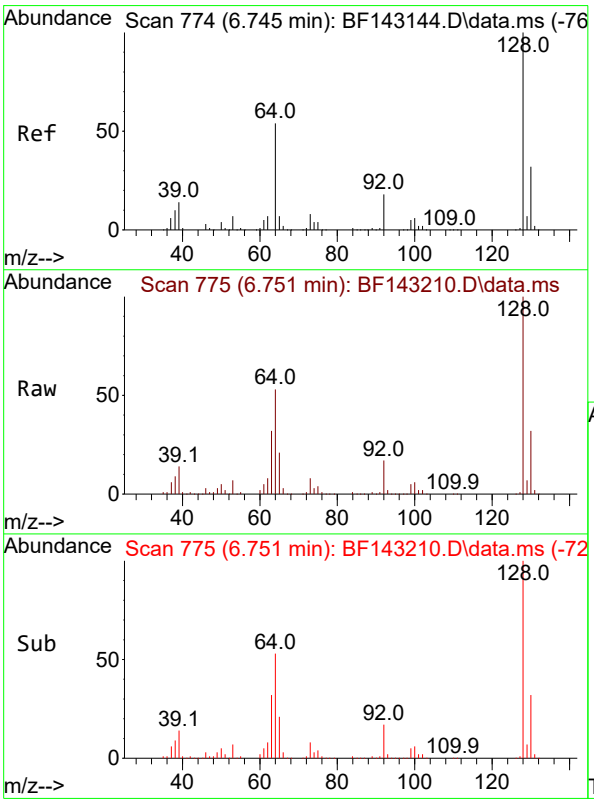

#7
Phenol-d6
Concen: 76.594 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 593088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.0 | 17.0 | 25.6 |
| 71 | 34.5 | 27.7 | 41.5 |

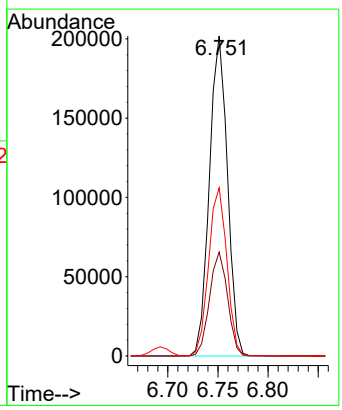


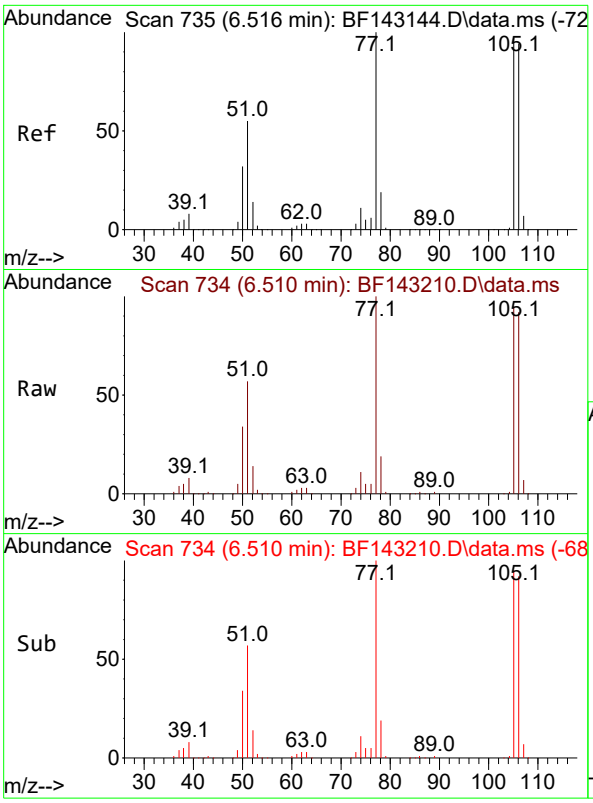




#8
2-Chlorophenol
Concen: 39.203 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:128 Resp: 252794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.3 | 52.3 |
| 64 | 52.6 | 35.9 | 75.9 |



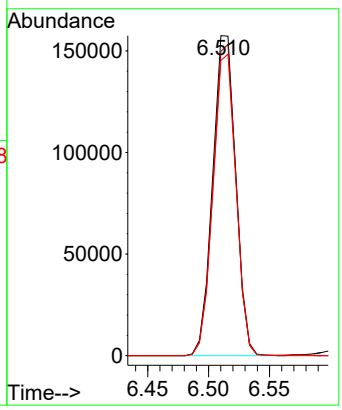


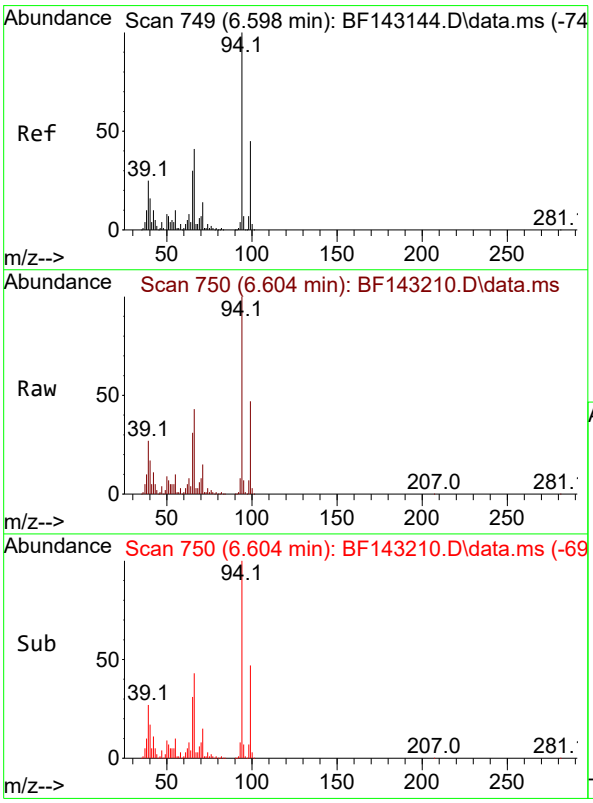

#9
Benzaldehyde
Concen: 35.749 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 207569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.1 | 76.8 | 116.8 |
| 106 | 92.3 | 74.4 | 114.4 |

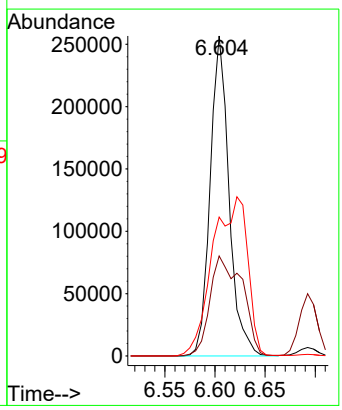


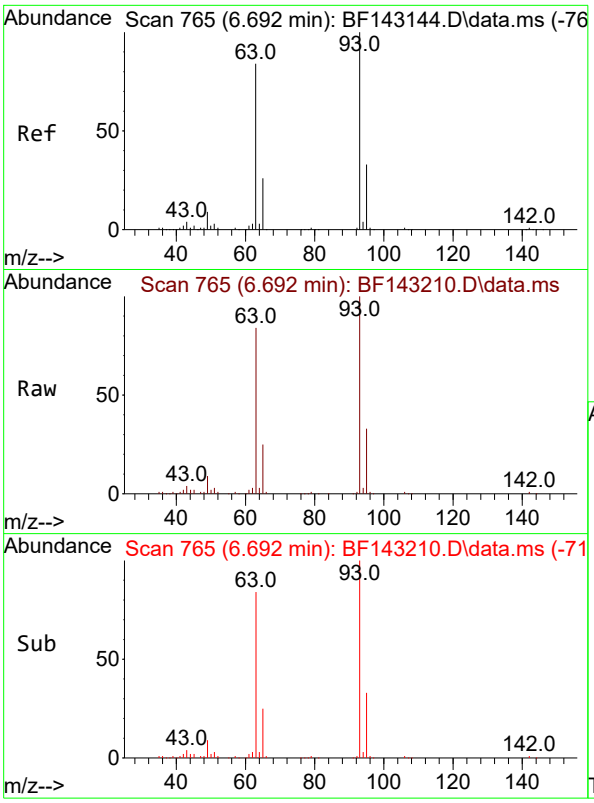




#10
Phenol
Concen: 39.837 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 94 Resp: 336045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.2 | 10.0 | 50.0 |
| 66 | 43.4 | 20.8 | 60.8 |



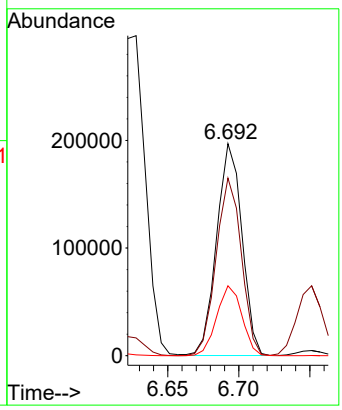


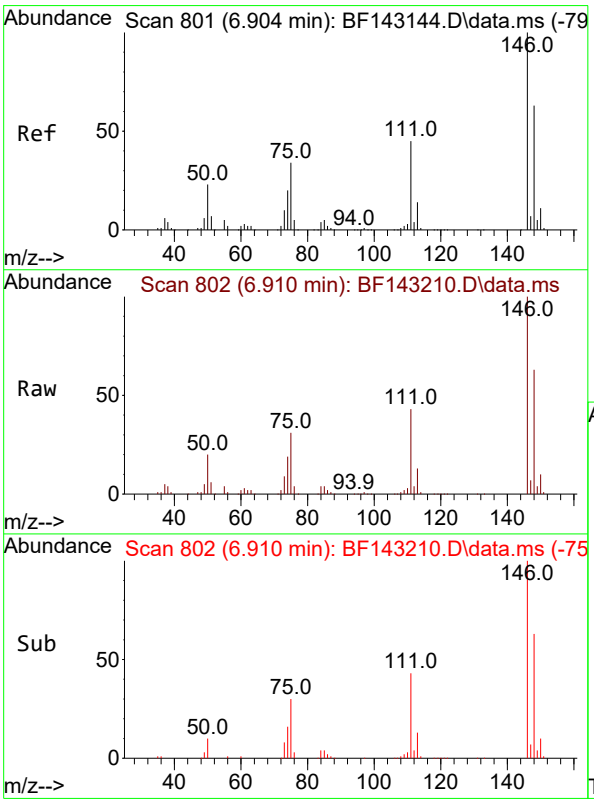

#11
bis(2-Chloroethyl)ether
Concen: 37.812 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 244219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.8 | 63.4 | 103.4 |
| 95 | 33.0 | 12.4 | 52.4 |

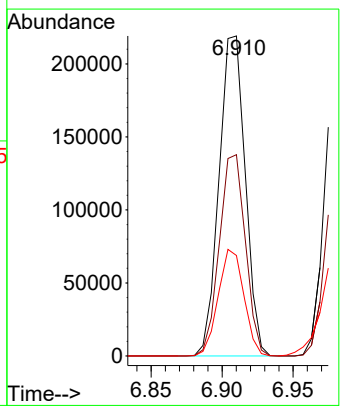


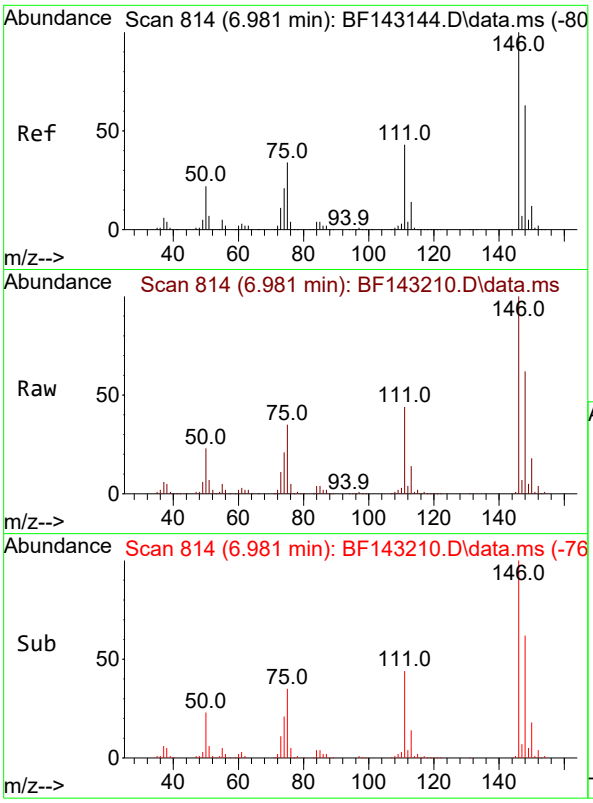




#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 281071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.6 | 76.0 |
| 75 | 31.4 | 27.4 | 41.2 |



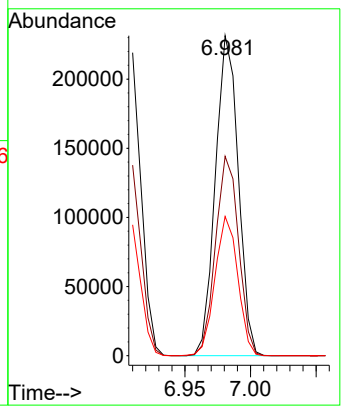


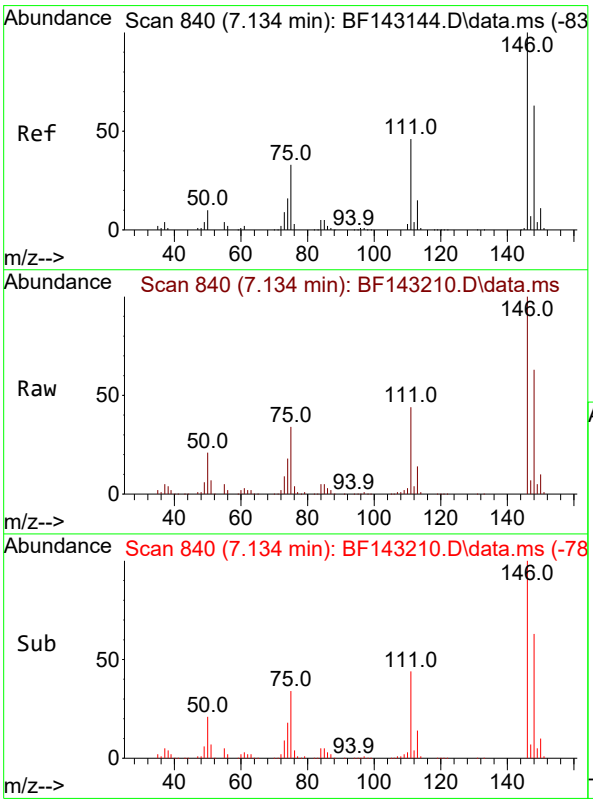

#13
1,4-Dichlorobenzene
Concen: 39.792 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 280709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 50.3 | 75.5 |
| 111 | 43.5 | 34.4 | 51.6 |

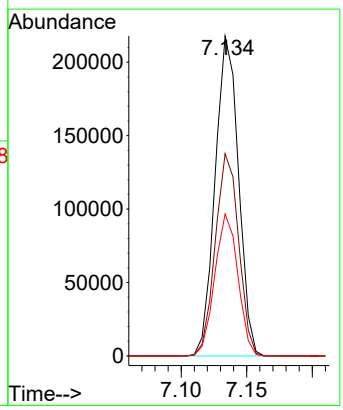


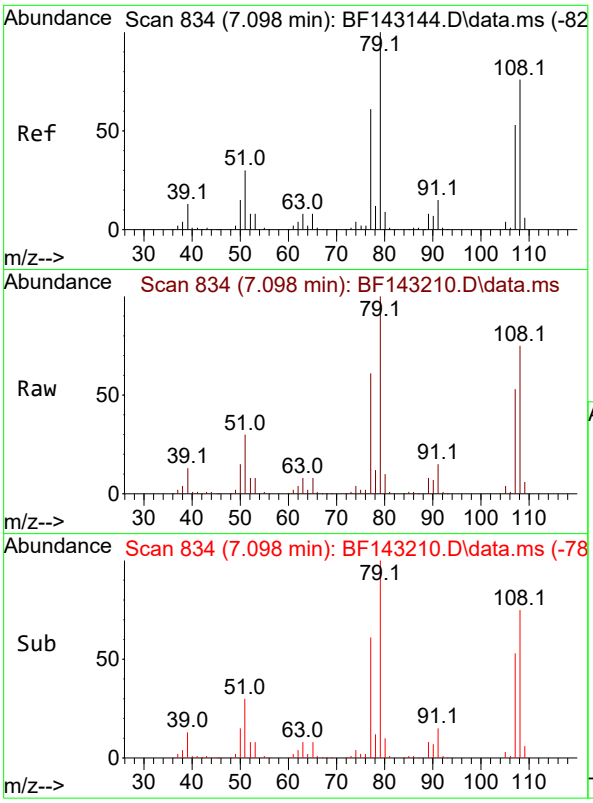




#14
1,2-Dichlorobenzene
Concen: 40.116 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:146 Resp: 269162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.7 | 76.1 |
| 111 | 44.3 | 36.6 | 54.8 |



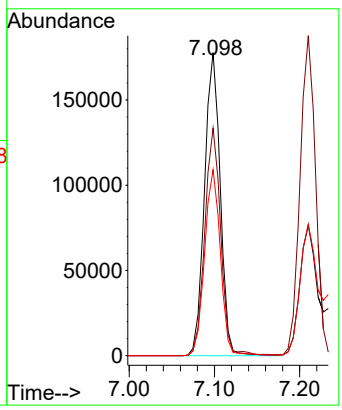


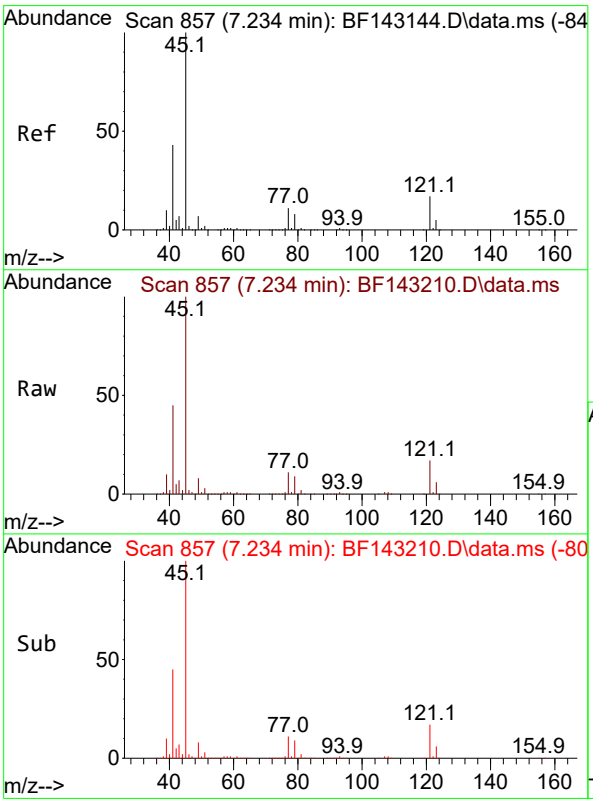

#15
Benzyl Alcohol
Concen: 38.639 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 228448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.1 | 61.1 | 91.7 |
| 77 | 61.4 | 48.9 | 73.3 |

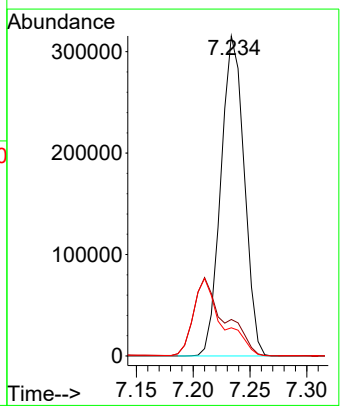


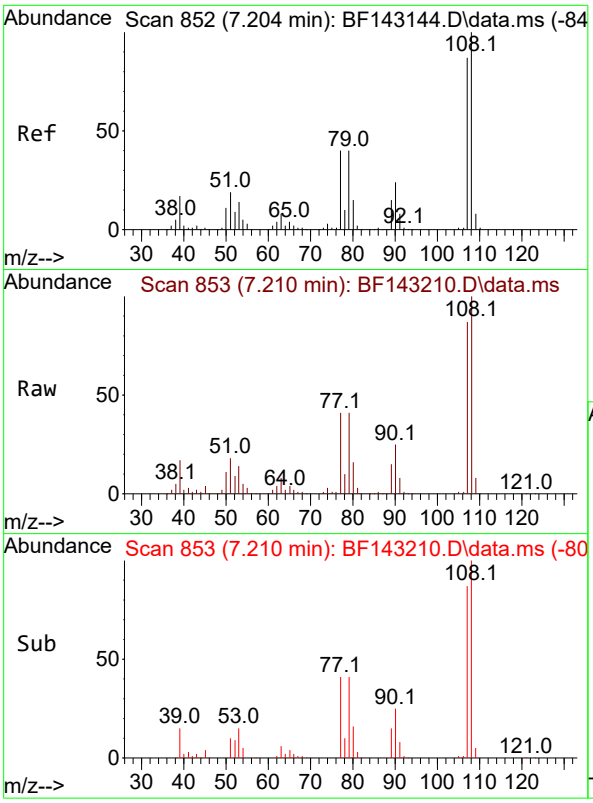




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.612 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 45 Resp: 450642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.2 |
| 79 | 8.8 | 0.0 | 28.5 |



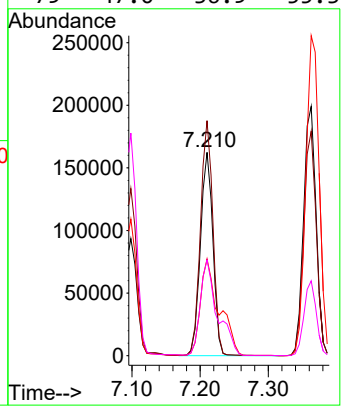


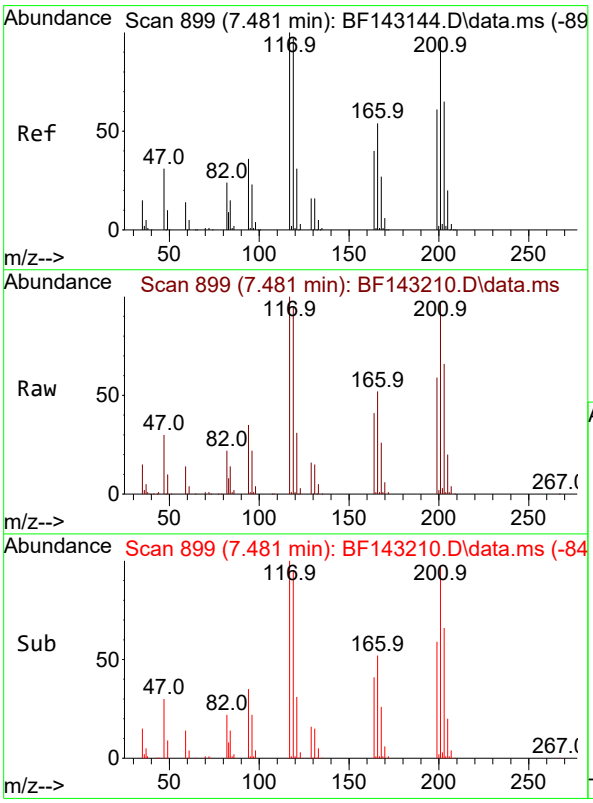

#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 207561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.5 | 91.8 | 137.6 |
| 77 | 47.6 | 37.0 | 55.6 |
| 79 | 47.0 | 36.9 | 55.3 |

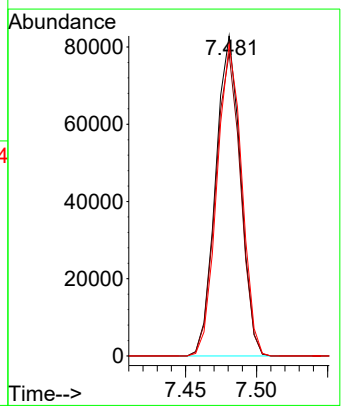


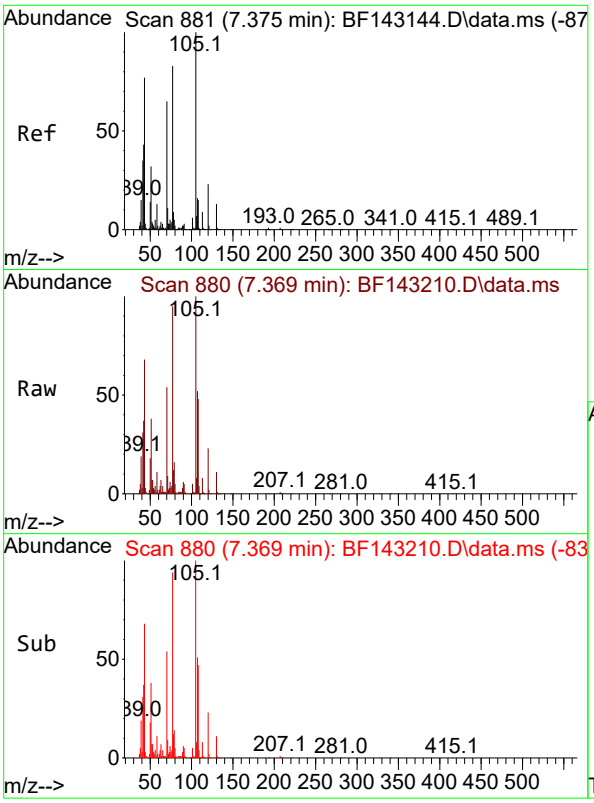




#18
Hexachloroethane
Concen: 41.296 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:117 Resp: 100851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.5 | 77.8 | 116.8 |
| 201 | 97.3 | 77.0 | 115.4 |



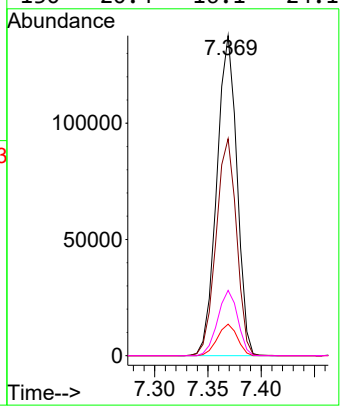


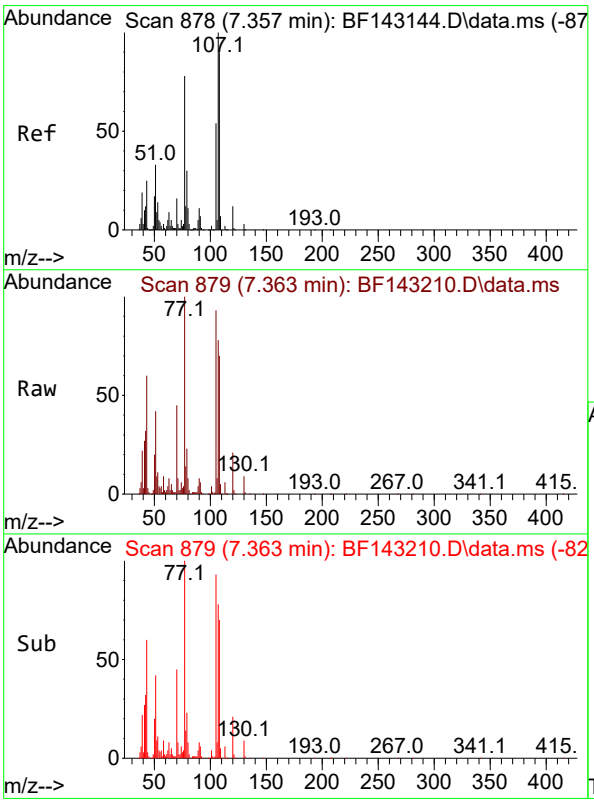

#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 180795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.8 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.4 | 16.1 | 24.1 |

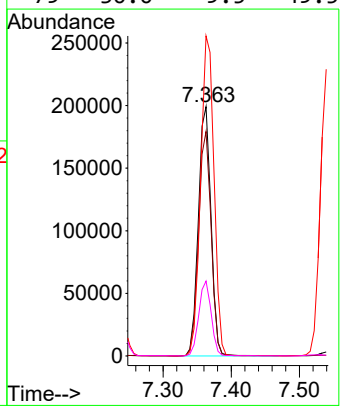


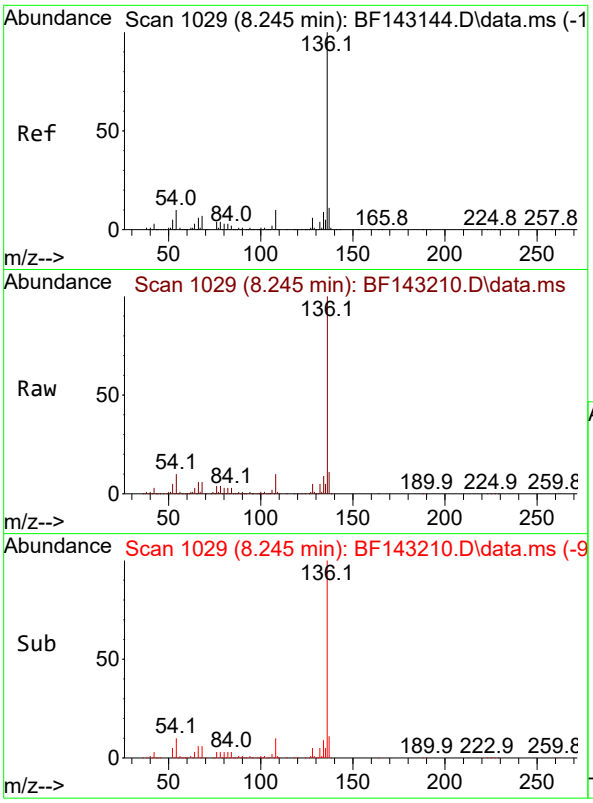




#20
3+4-Methylphenols
Concen: 39.051 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 256887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 70.0 | 110.0 |
| 77 | 128.3 | 57.8 | 97.8# |
| 79 | 30.0 | 9.5 | 49.5 |



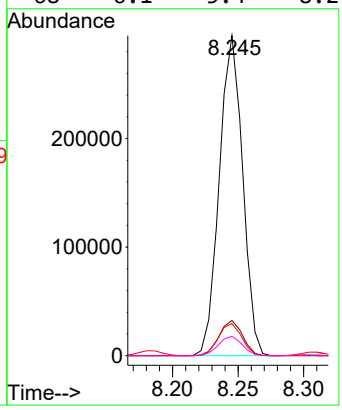


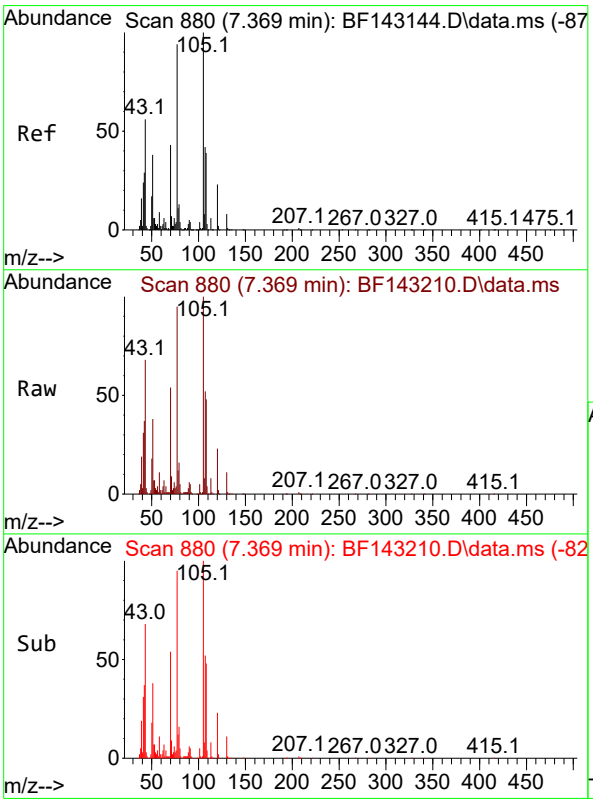

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 364498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.1 | 8.2 | 12.2 |
| 68 | 6.1 | 5.4 | 8.2 |

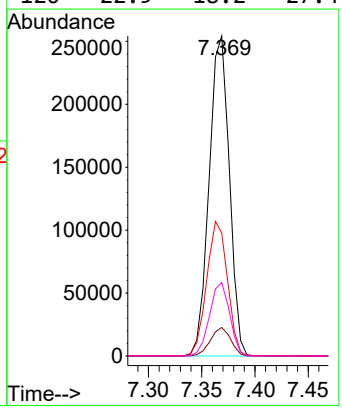


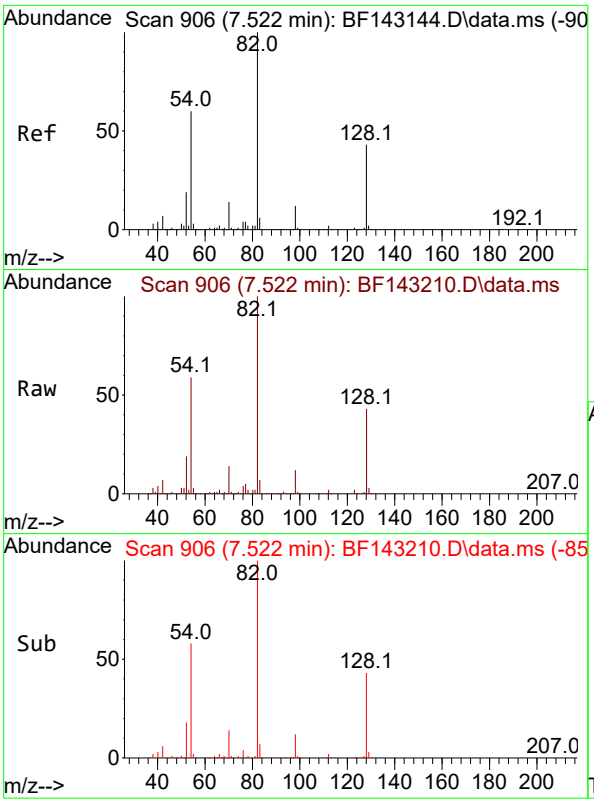




#22
Acetophenone
Concen: 38.853 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:105 Resp: 335287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.9 | 5.8 | 8.6# |
| 51 | 38.5 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |



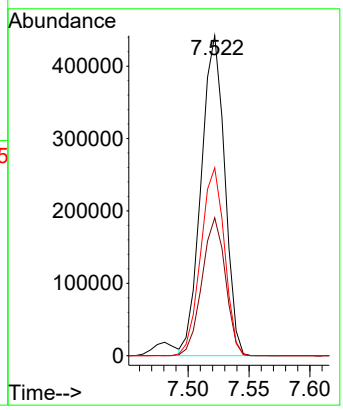


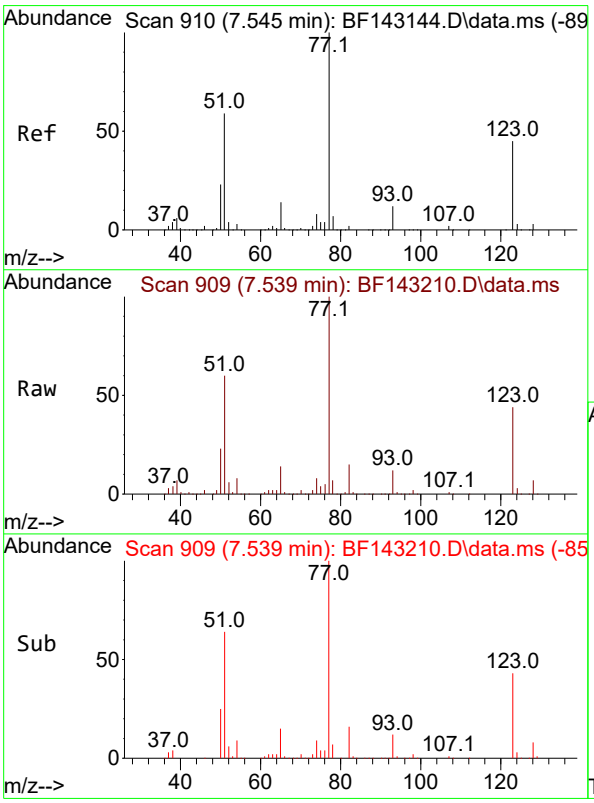

#23
Nitrobenzene-d5
Concen: 81.332 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 594723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 33.6 | 50.4 |
| 54 | 58.7 | 47.1 | 70.7 |

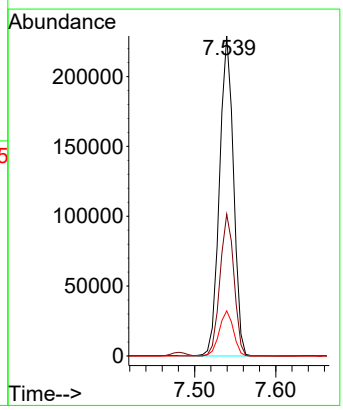


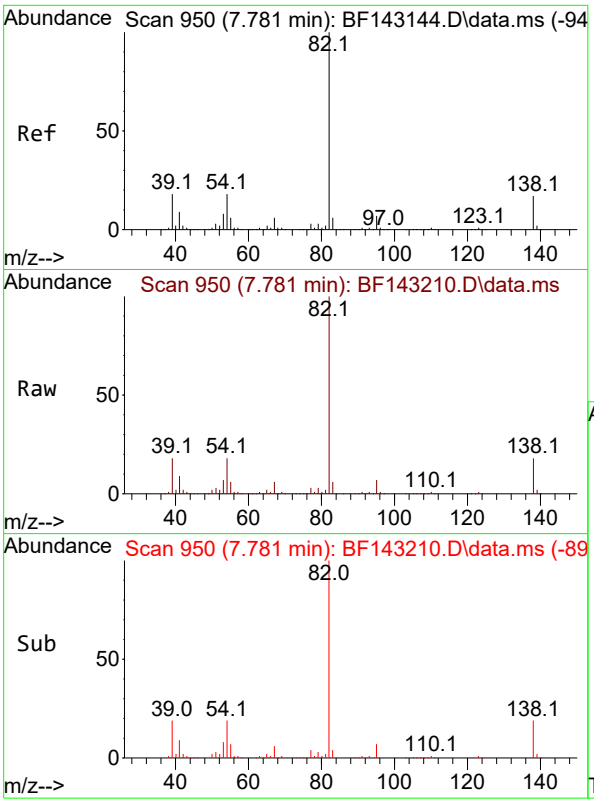




#24
Nitrobenzene
Concen: 40.321 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 77 Resp: 274884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.3 | 36.1 | 54.1 |
| 65 | 14.1 | 11.4 | 17.2 |



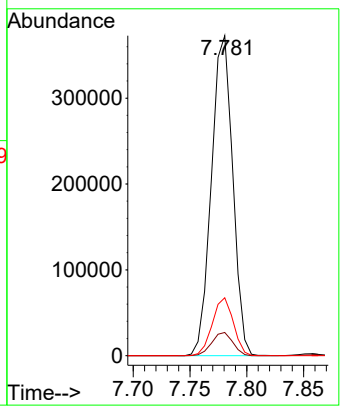


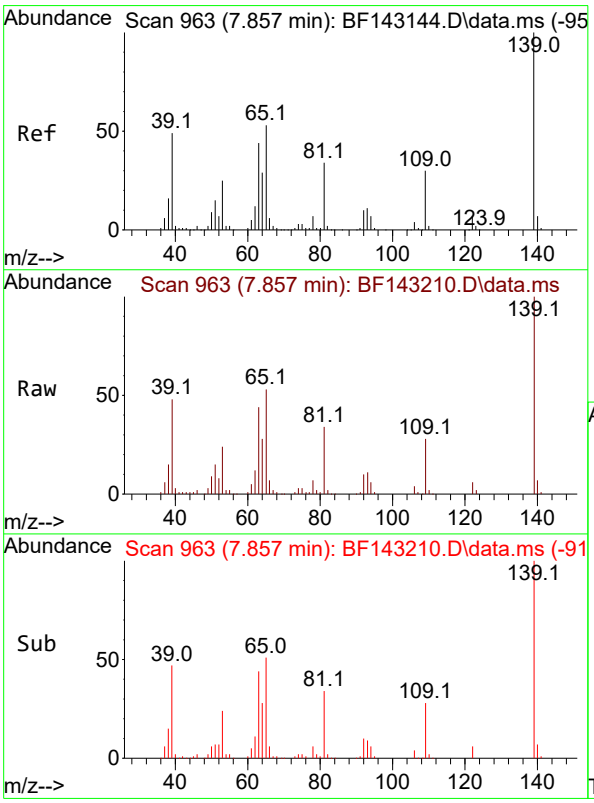

#25
Isophorone
Concen: 37.791 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 487827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.5 | 8.3 |
| 138 | 18.1 | 13.8 | 20.8 |

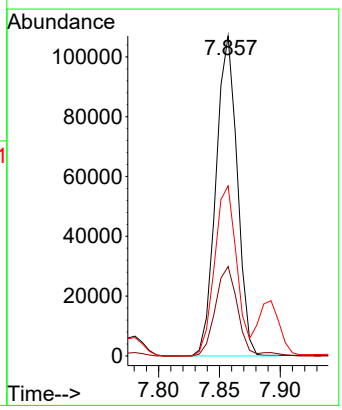


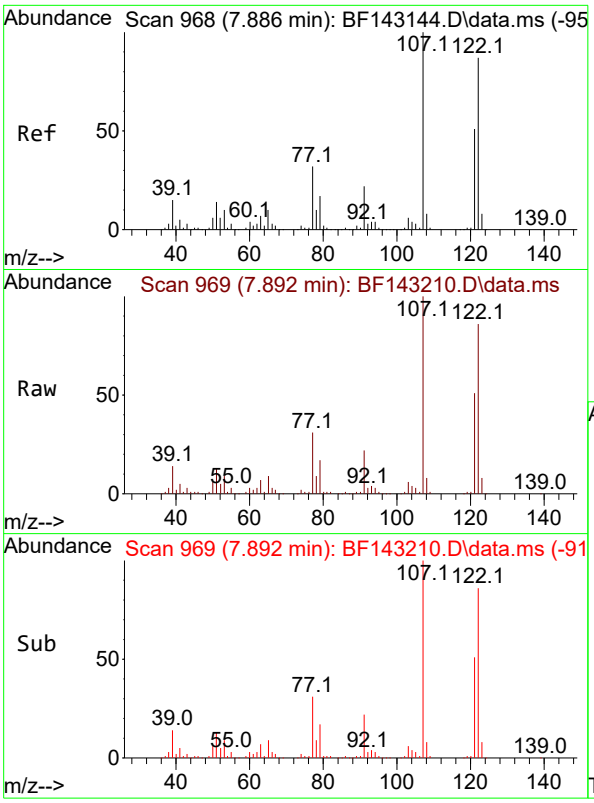




#26
2-Nitrophenol
Concen: 44.072 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 130397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.0 | 23.6 | 35.4 |
| 65 | 53.2 | 42.6 | 64.0 |



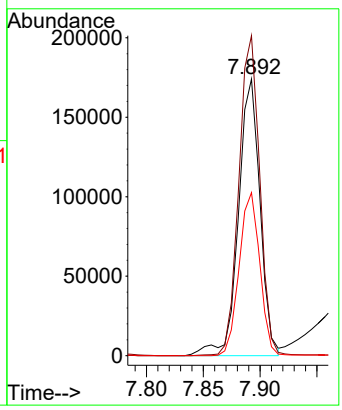


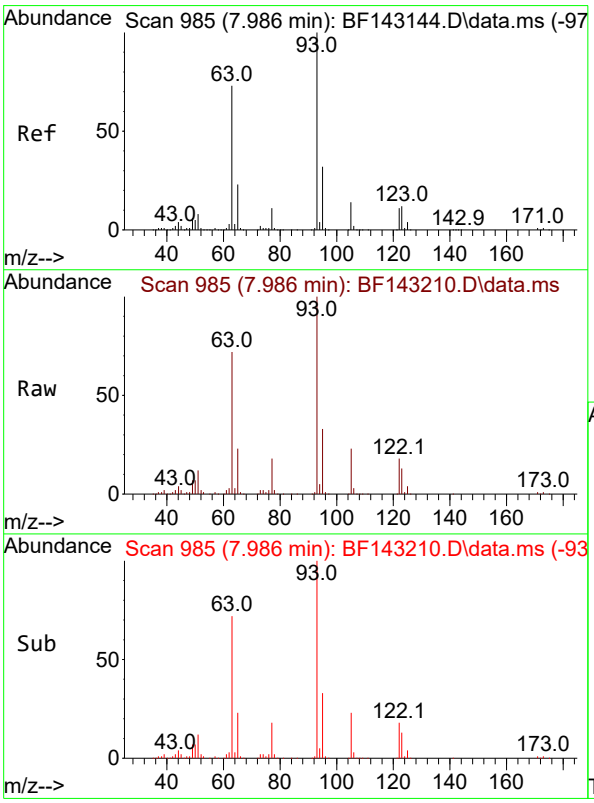

#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 230195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 91.8 | 137.6 |
| 121 | 58.9 | 46.3 | 69.5 |

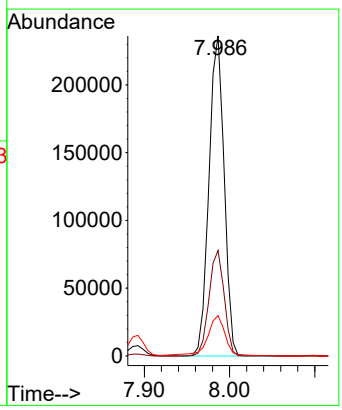


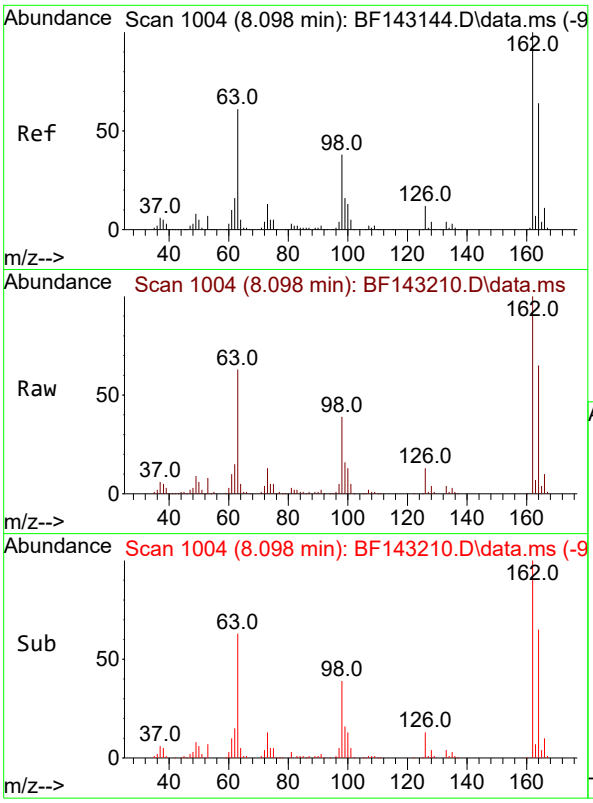




#28
bis(2-Chloroethoxy)methane
Concen: 37.737 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 93 Resp: 292069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 25.8 | 38.6 |
| 123 | 12.6 | 9.7 | 14.5 |



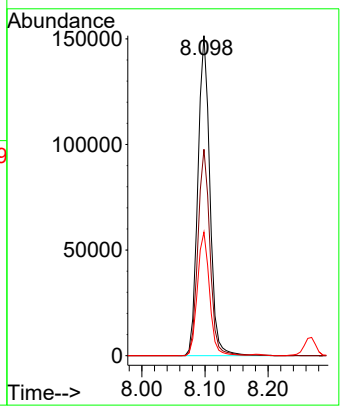


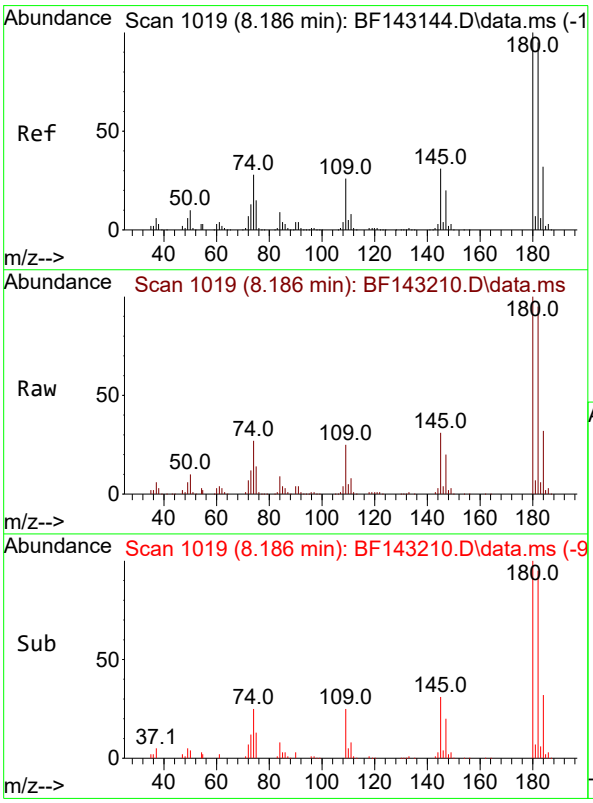

#29
2,4-Dichlorophenol
Concen: 39.391 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 200347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 44.2 | 84.2 |
| 98 | 38.6 | 17.9 | 57.9 |

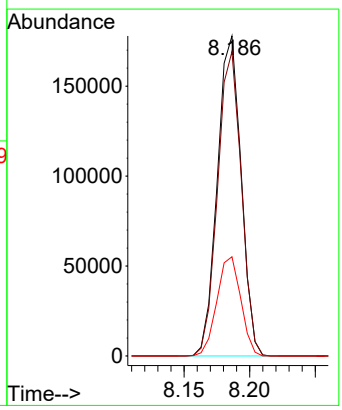


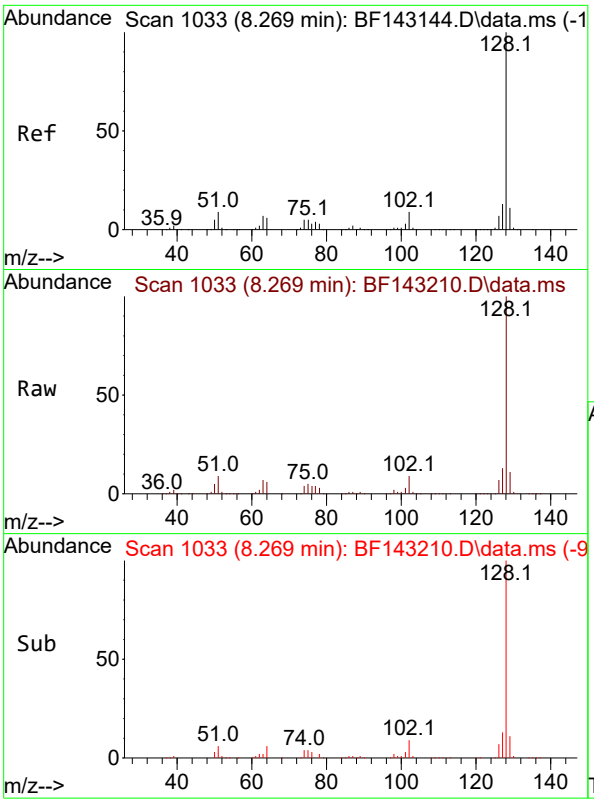




#30
1,2,4-Trichlorobenzene
Concen: 40.763 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:180 Resp: 223983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 76.2 | 114.2 |
| 145 | 31.0 | 25.0 | 37.6 |



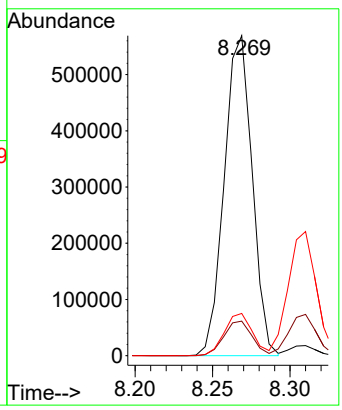


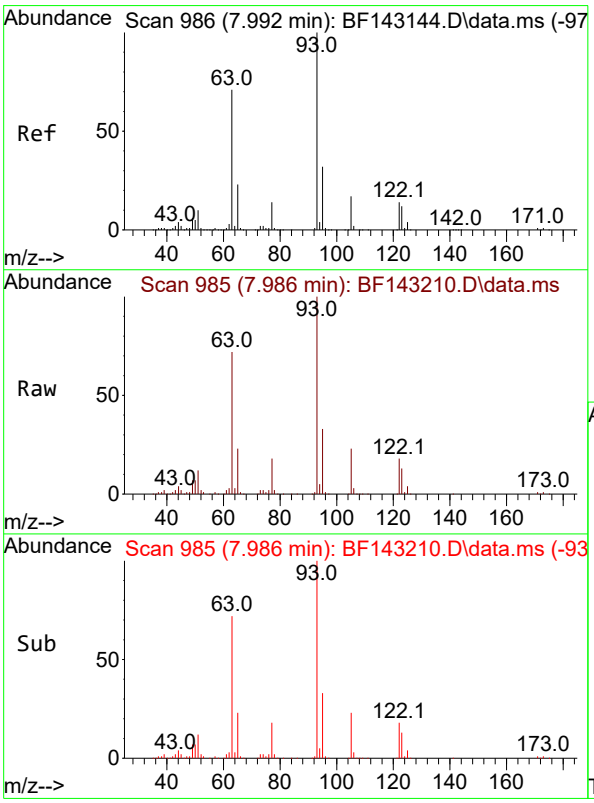

#31
Naphthalene
Concen: 39.723 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 713073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.4 |
| 127 | 13.2 | 10.6 | 16.0 |

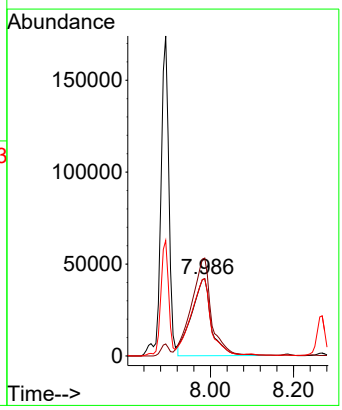


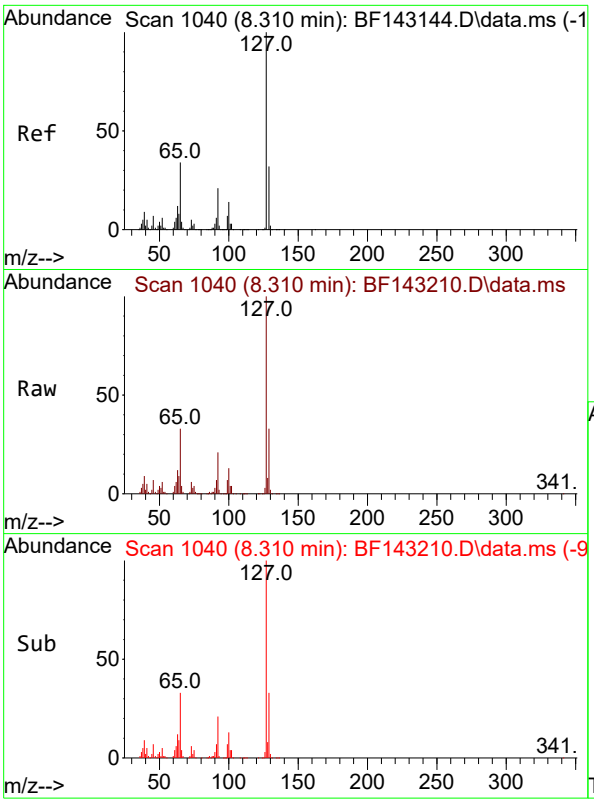




#32
Benzoic acid
Concen: 41.627 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:122 Resp: 138803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.8 | 104.8 | 144.8 |
| 77 | 99.9 | 77.6 | 117.6 |



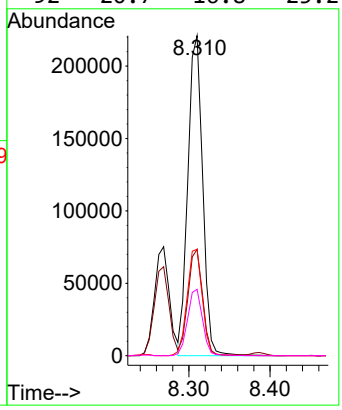


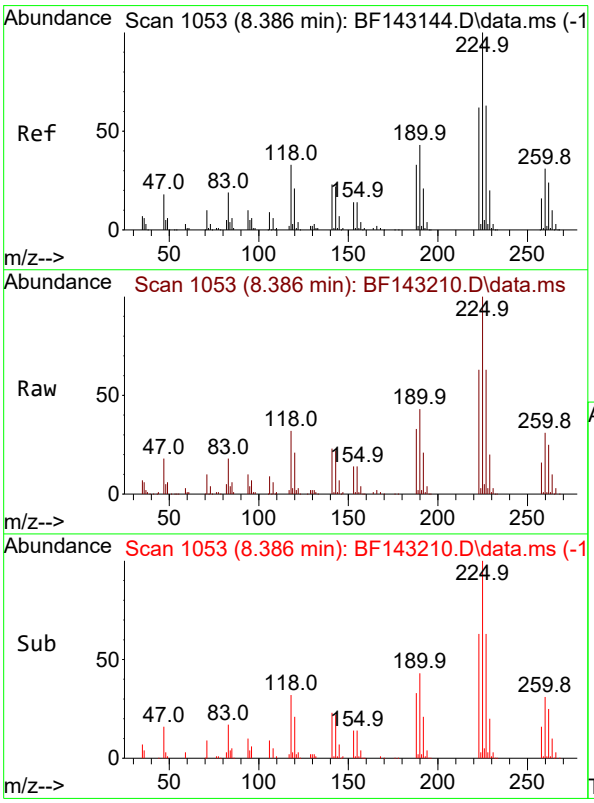

#33
4-Chloroaniline
Concen: 38.259 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 280428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.3 | 26.0 | 39.0 |
| 65 | 33.2 | 27.4 | 41.2 |
| 92 | 20.7 | 16.8 | 25.2 |

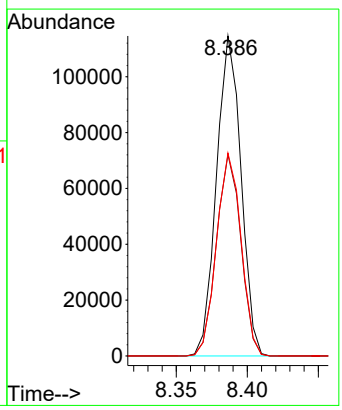


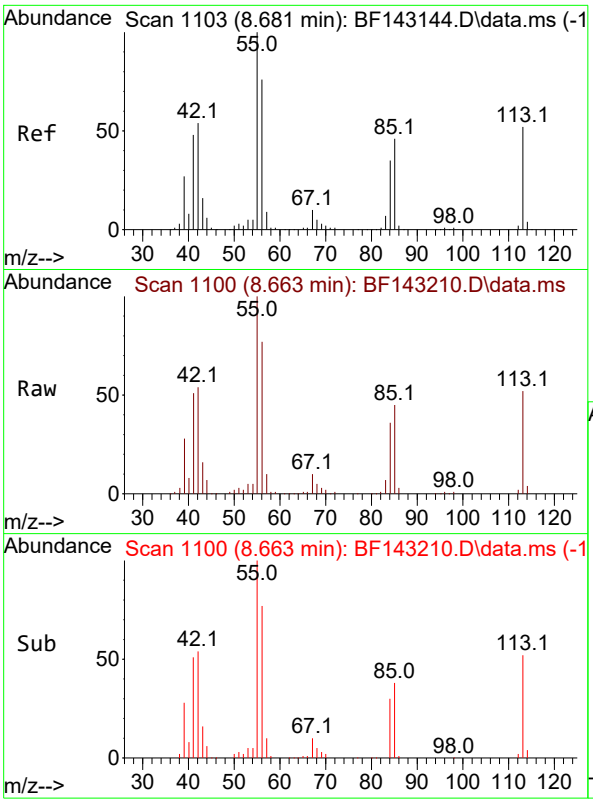




#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:225 Resp: 137489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.9 | 49.8 | 74.6 |
| 227 | 63.4 | 50.2 | 75.4 |



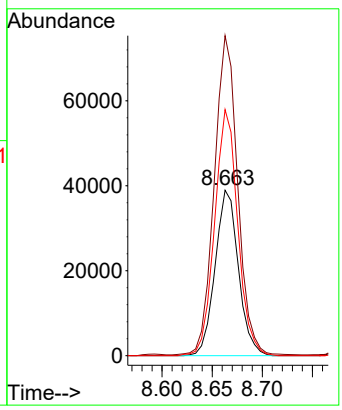


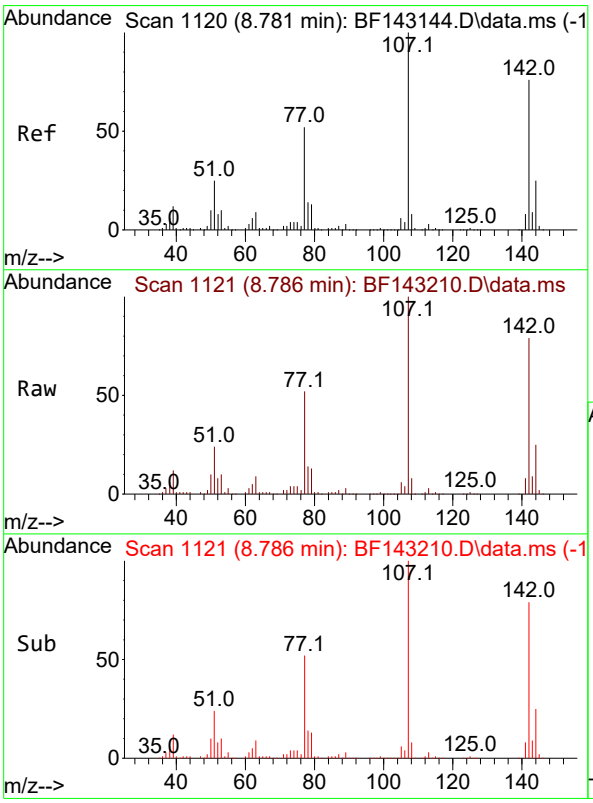

#35
Caprolactam
Concen: 40.895 ng
RT: 8.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 62853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.5 | 174.0 | 214.0 |
| 56 | 148.8 | 126.6 | 166.6 |

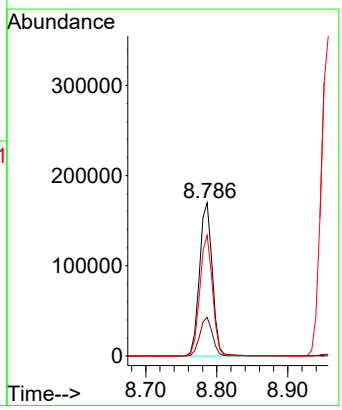


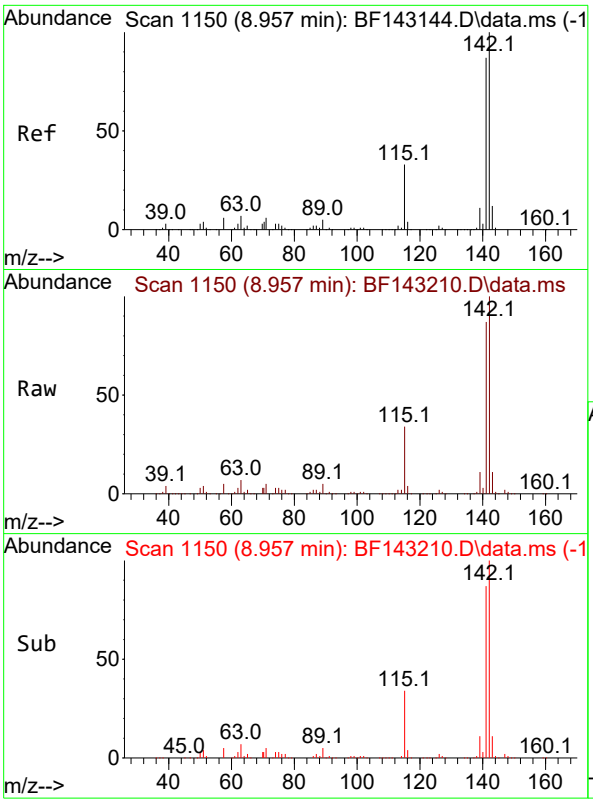




#36
4-Chloro-3-methylphenol
Concen: 38.764 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:107 Resp: 214294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.3 | 19.8 | 29.6 |
| 142 | 78.9 | 60.6 | 90.8 |



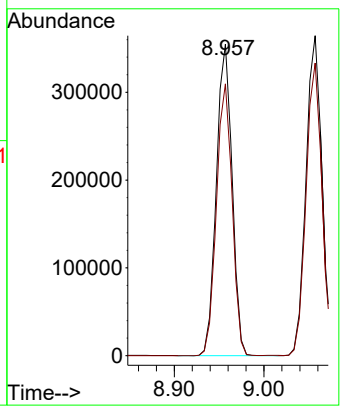


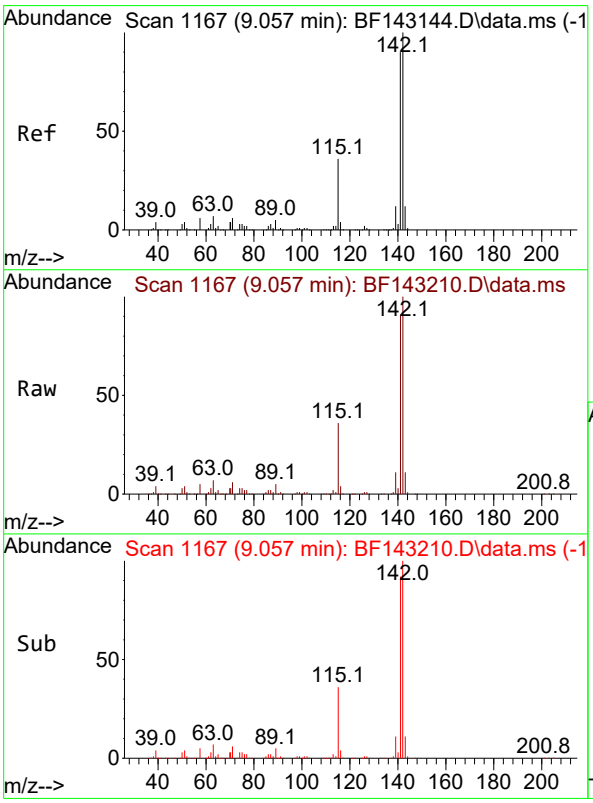

#37
2-Methylnaphthalene
Concen: 39.580 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 432353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.2 | 69.9 | 104.9 |

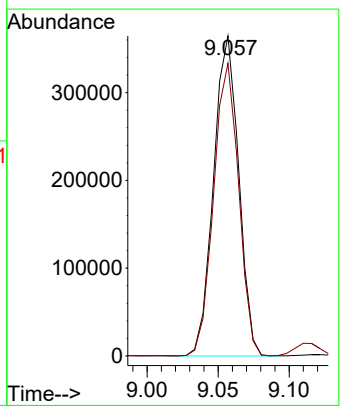


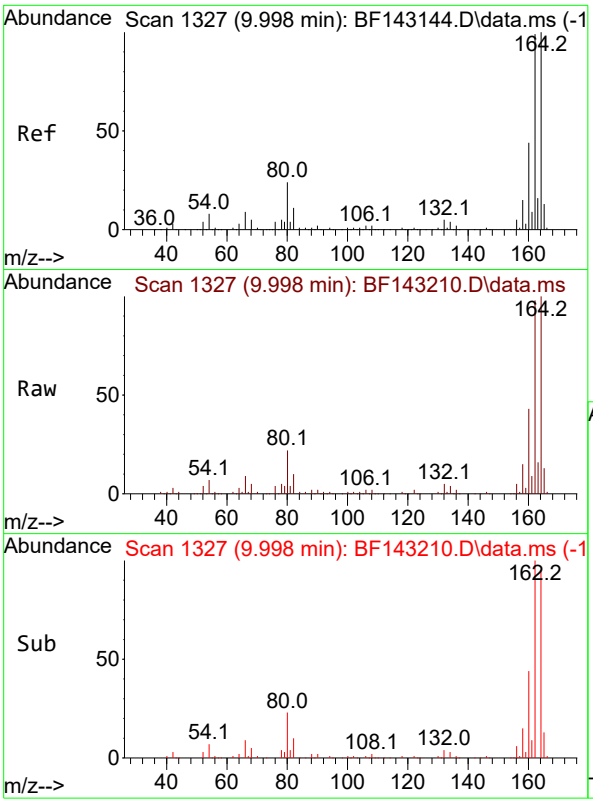




#38
1-Methylnaphthalene
Concen: 39.872 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:142 Resp: 448502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 72.3 | 108.5 |



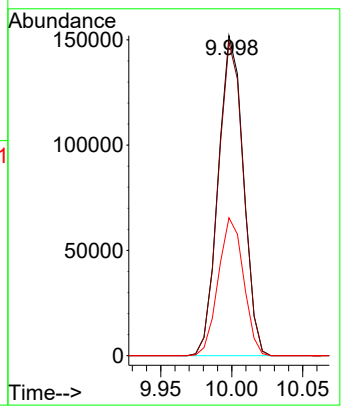


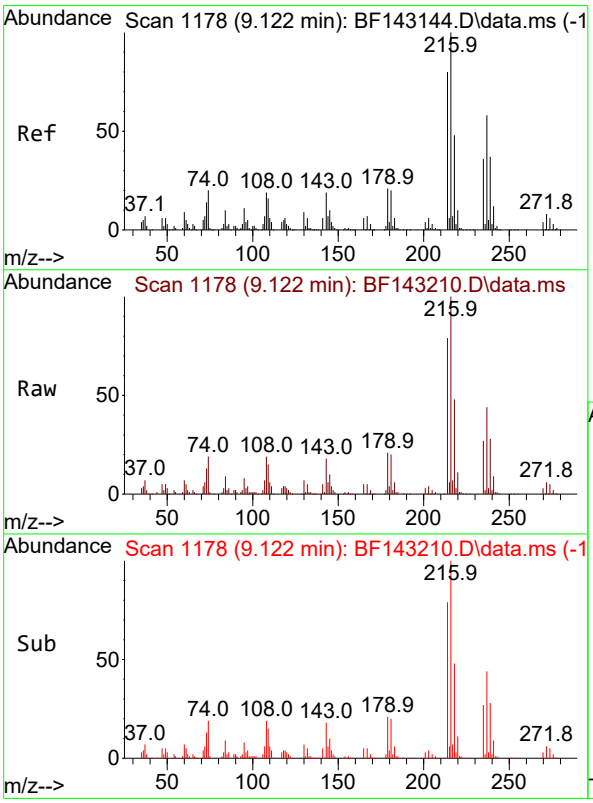

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 187438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.0 | 79.0 | 118.6 |
| 160 | 43.1 | 35.1 | 52.7 |

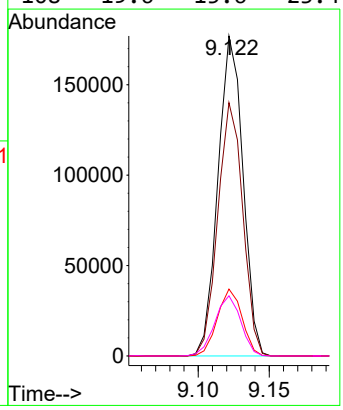


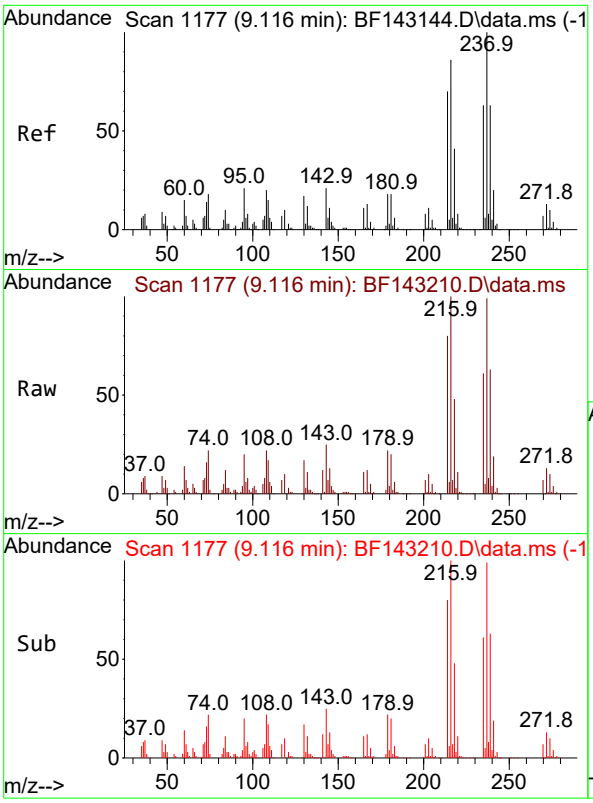




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.956 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:216 Resp: 216223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.8 | 95.8 |
| 179 | 20.7 | 16.4 | 24.6 |
| 108 | 19.6 | 15.6 | 23.4 |



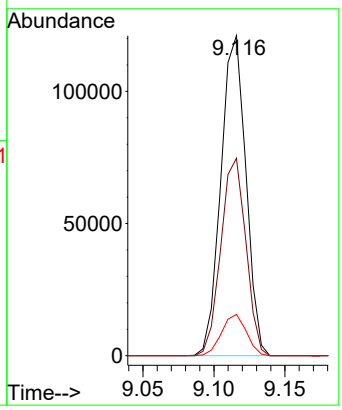


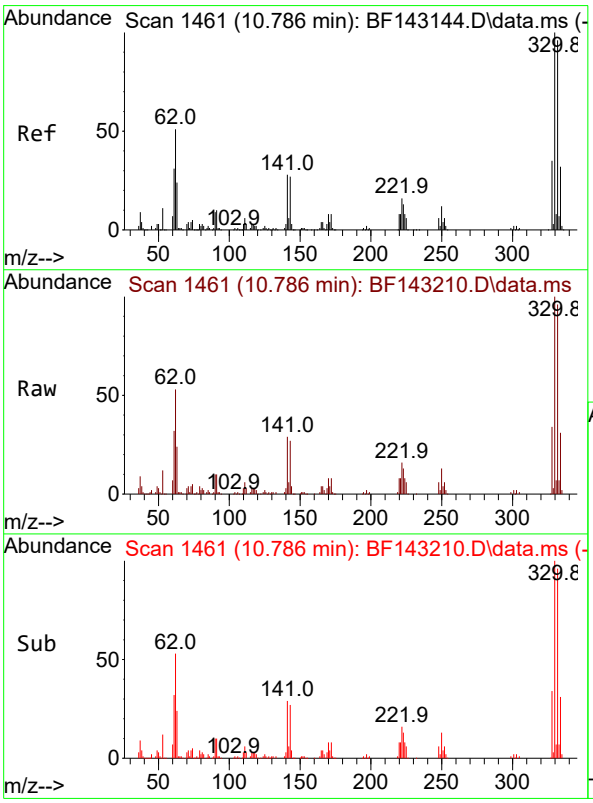

#41
Hexachlorocyclopentadiene
Concen: 42.082 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 148176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.7 | 43.0 | 83.0 |
| 272 | 12.9 | 0.0 | 33.3 |

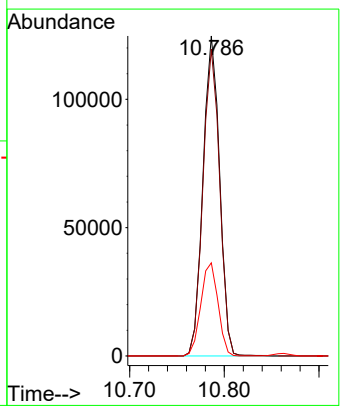


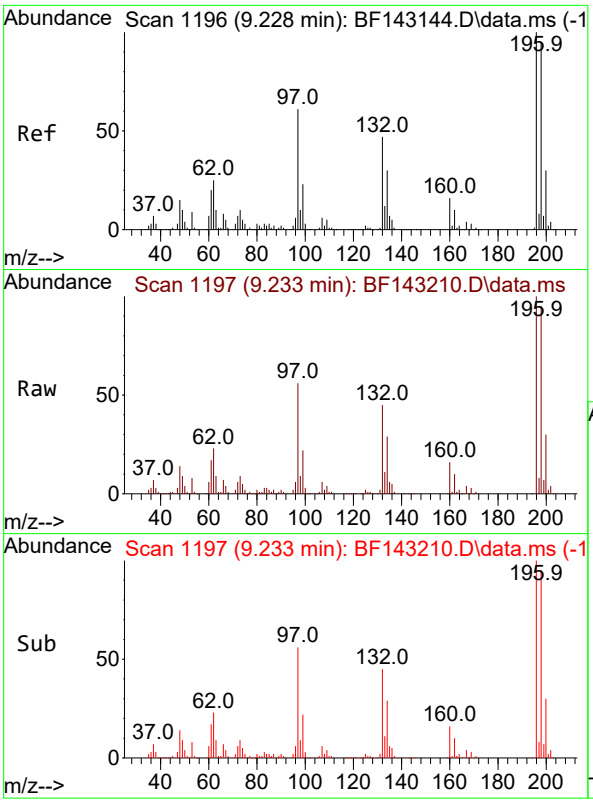




#42
2,4,6-Tribromophenol
Concen: 78.251 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:330 Resp: 151520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.7 | 115.1 |
| 141 | 30.1 | 23.3 | 34.9 |



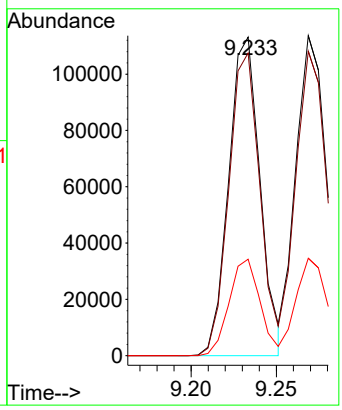


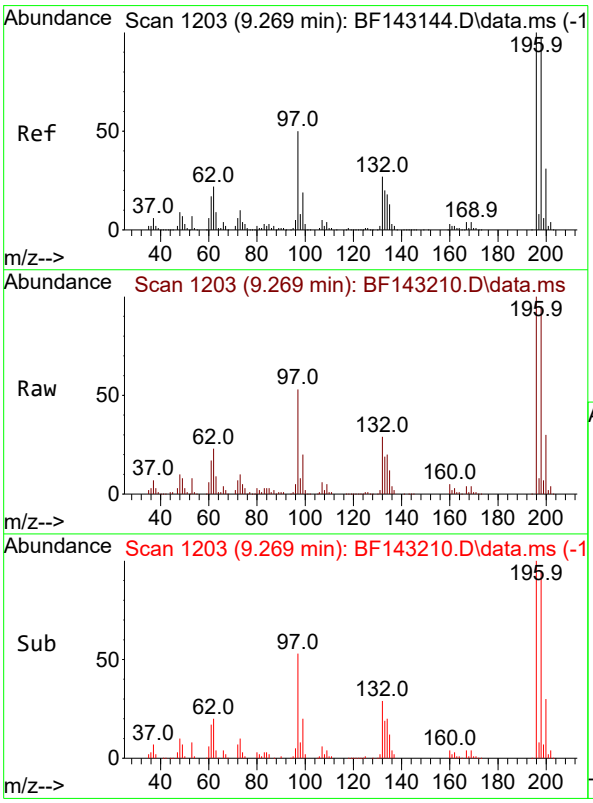

#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 144660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 76.2 | 114.2 |
| 200 | 30.3 | 23.9 | 35.9 |

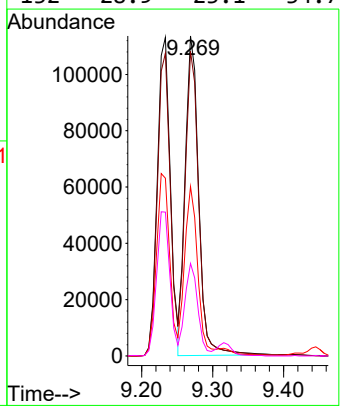


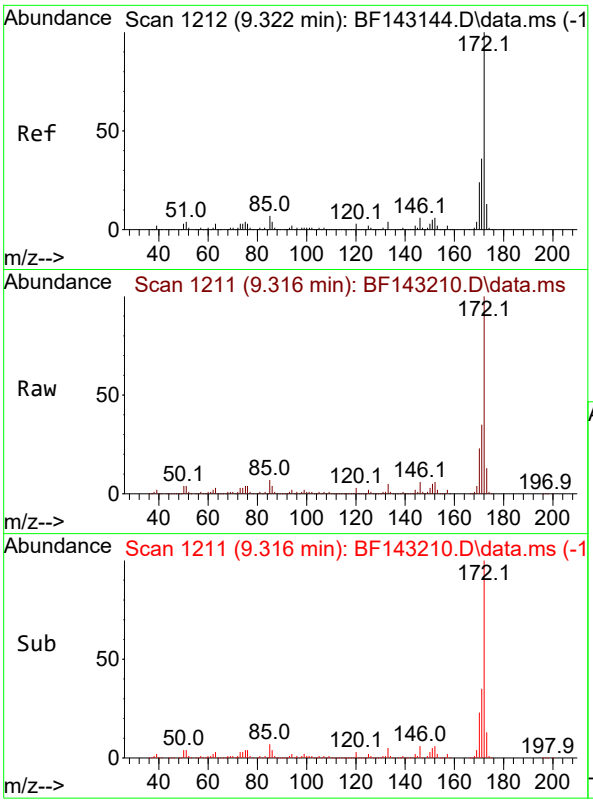




#44
2,4,5-Trichlorophenol
Concen: 40.211 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:196 Resp: 150645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 77.3 | 115.9 |
| 97 | 53.0 | 40.3 | 60.5 |
| 132 | 28.9 | 23.1 | 34.7 |



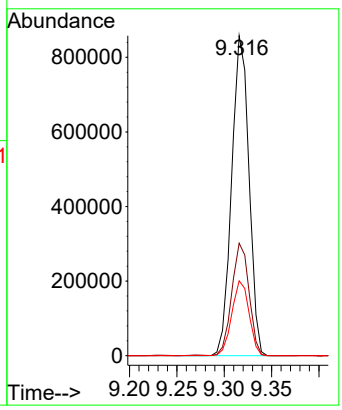


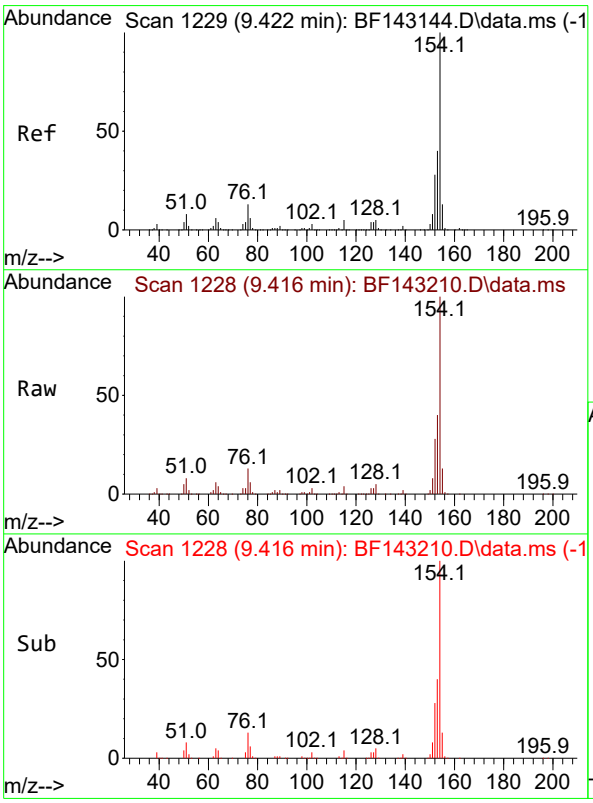

#45
2-Fluorobiphenyl
Concen: 79.441 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 1088775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.6 | 42.8 |
| 170 | 23.4 | 18.8 | 28.2 |

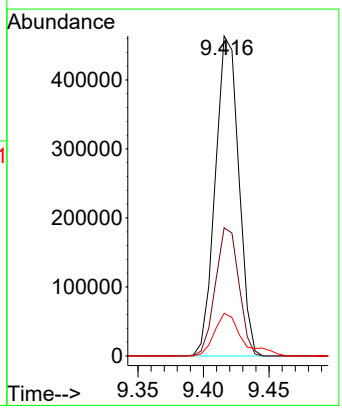


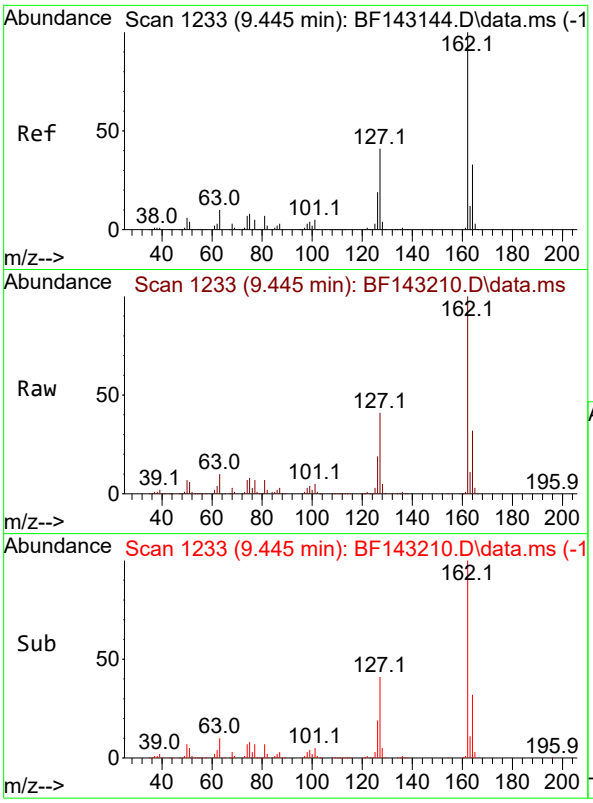




#46
1,1'-Biphenyl
Concen: 39.454 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 576976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.3 | 60.3 |
| 76 | 13.4 | 0.0 | 33.3 |



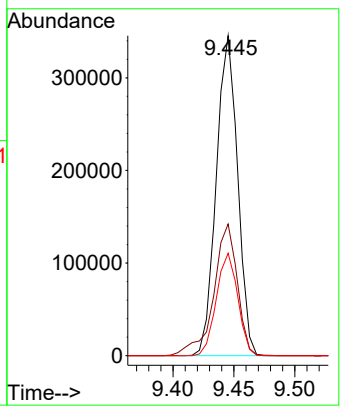


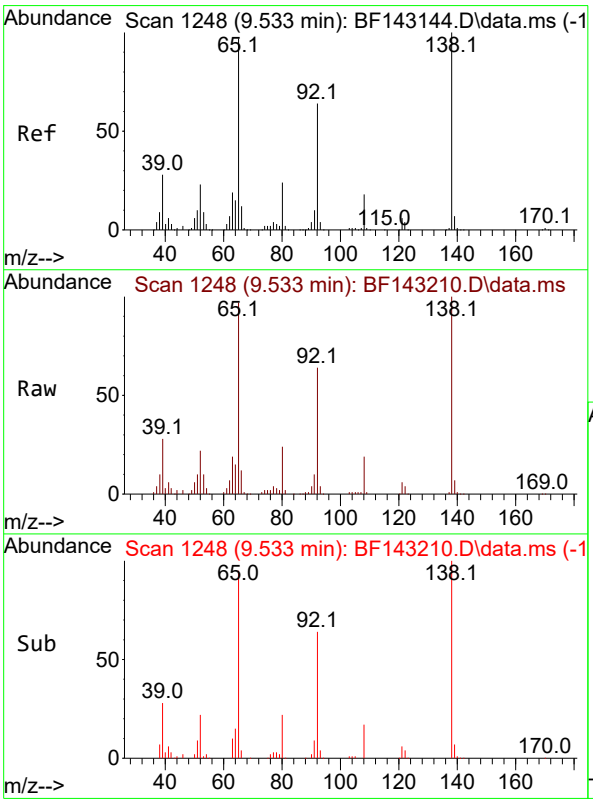

#47
2-Chloronaphthalene
Concen: 38.957 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 421533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.1 | 33.4 | 50.2 |
| 164 | 32.0 | 26.2 | 39.2 |

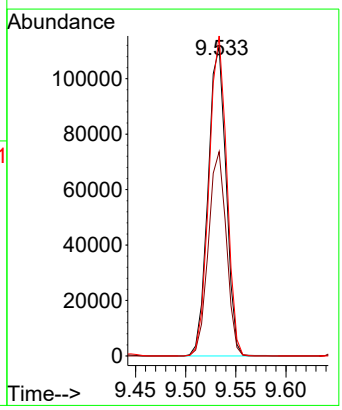


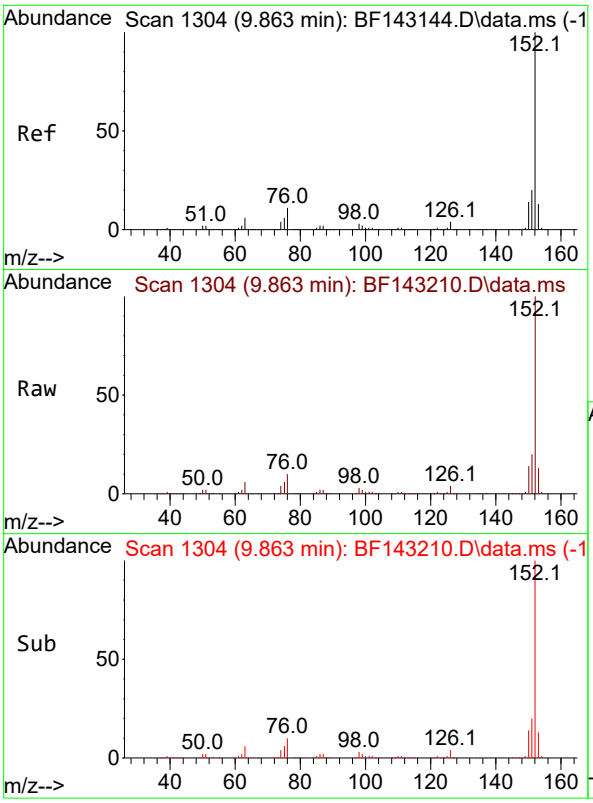




#48
2-Nitroaniline
Concen: 41.188 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion: 65 Resp: 139765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.1 | 52.4 | 78.6 |
| 138 | 103.5 | 82.3 | 123.5 |



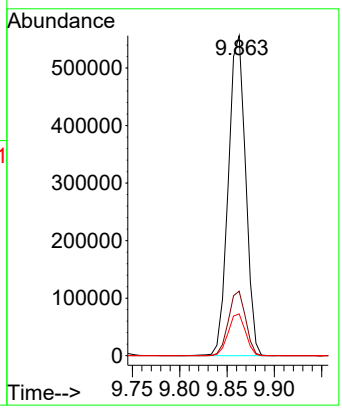


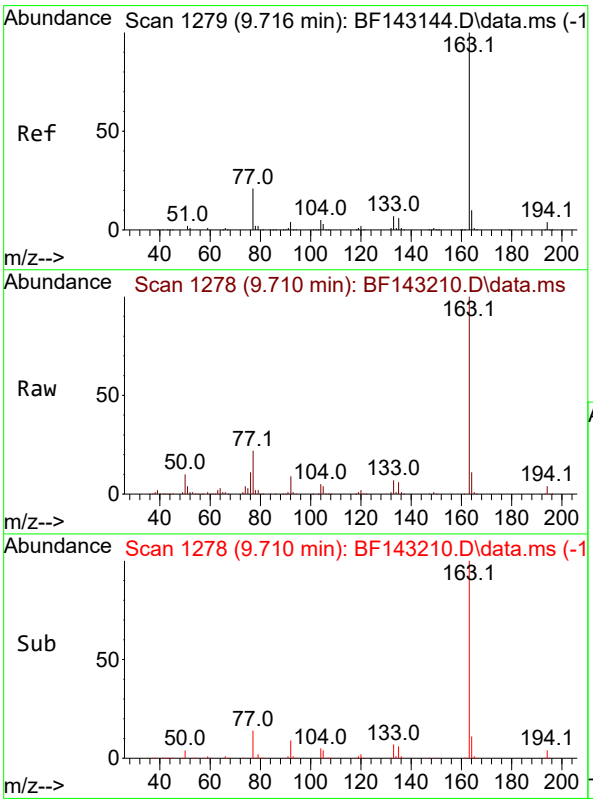

#49
Acenaphthylene
Concen: 38.989 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 707016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |

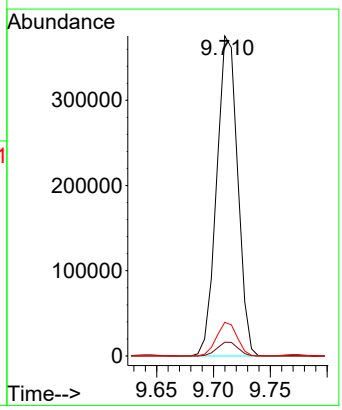


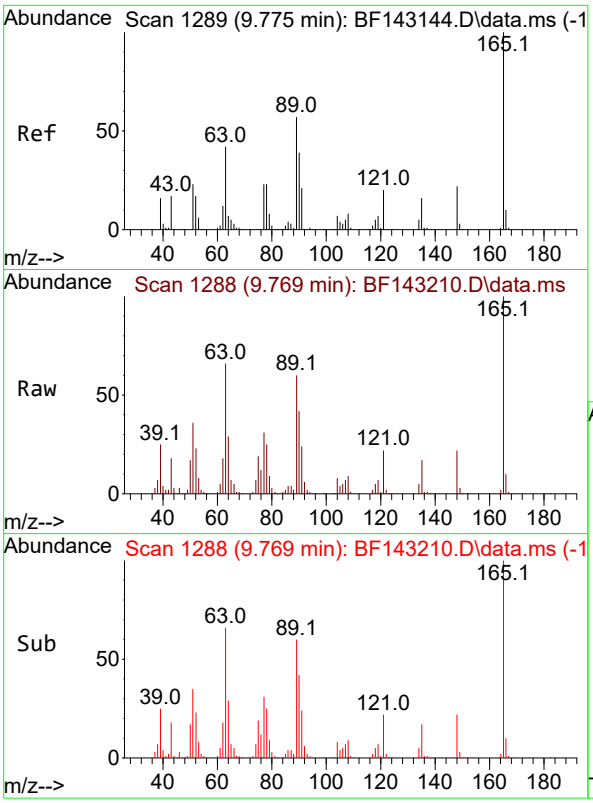




#50
Dimethylphthalate
Concen: 39.503 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:163 Resp: 482643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.5 | 8.3 | 12.5 |



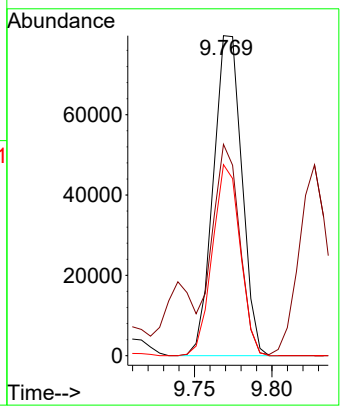


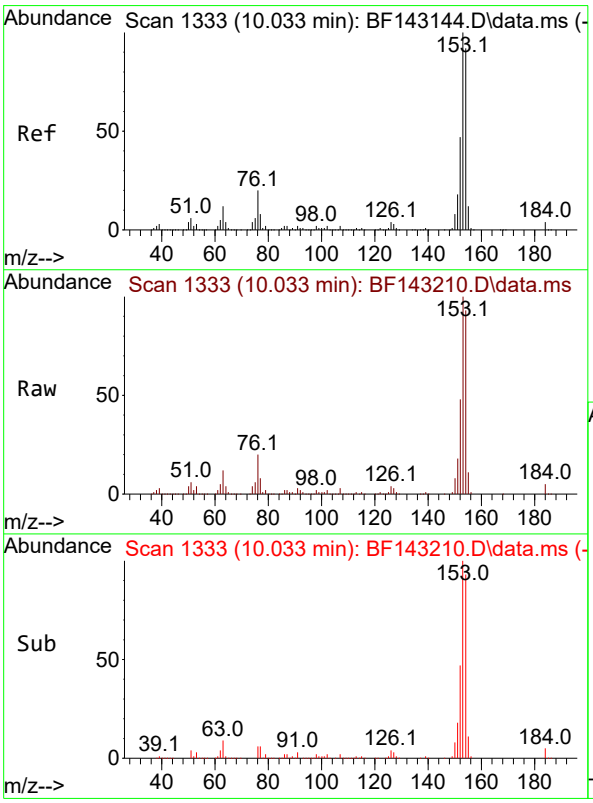

#51
2,6-Dinitrotoluene
Concen: 41.014 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 101938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.1 | 49.4 | 74.2 |
| 89 | 59.7 | 46.2 | 69.2 |

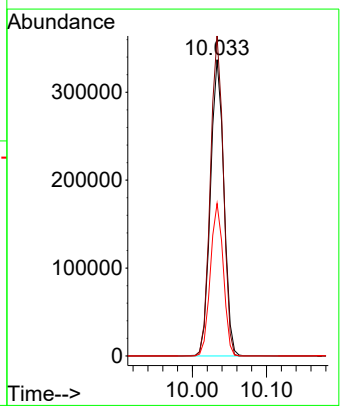


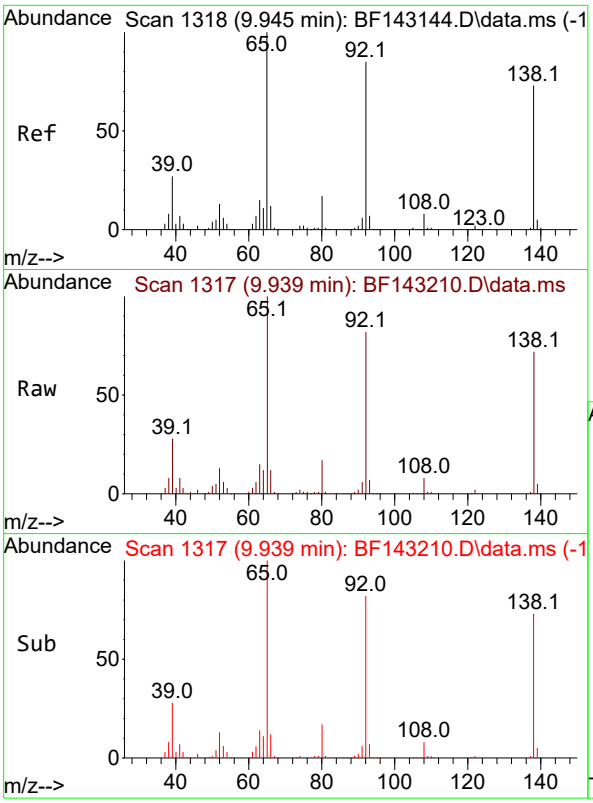




#52
Acenaphthene
Concen: 39.605 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:154 Resp: 424478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.0 | 86.6 | 129.8 |
| 152 | 51.5 | 40.4 | 60.6 |



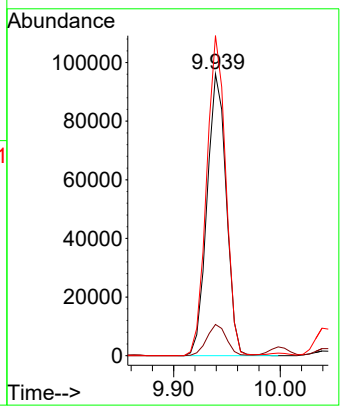


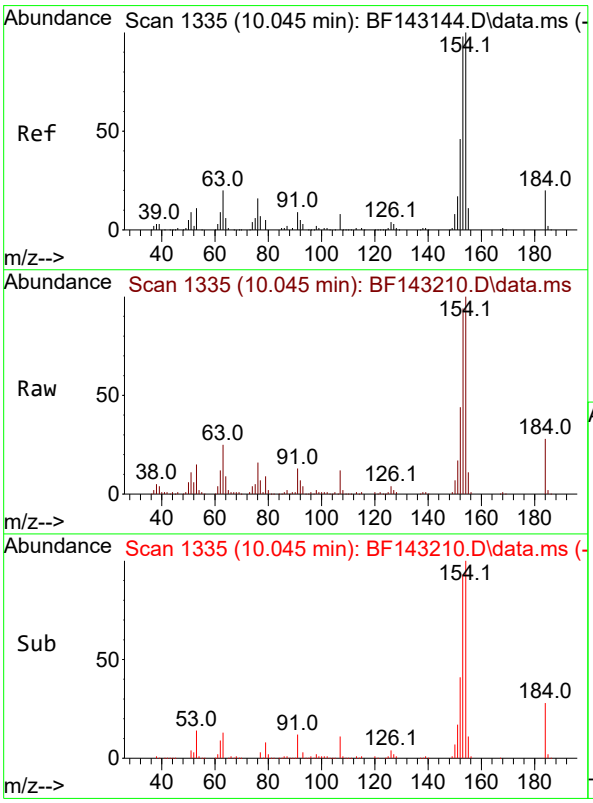

#53
3-Nitroaniline
Concen: 41.423 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 120421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 113.5 | 93.0 | 139.4 |

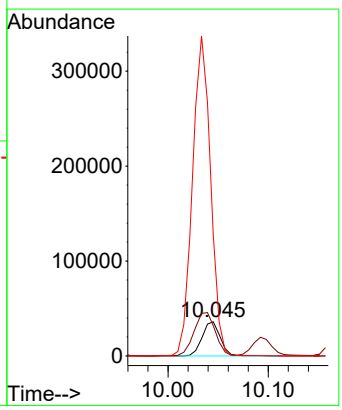


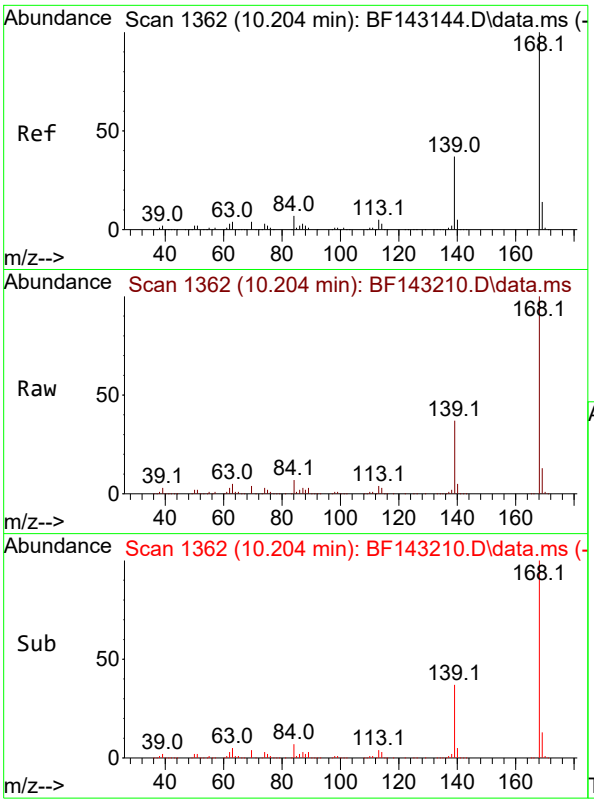




#54
2,4-Dinitrophenol
Concen: 43.601 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:184 Resp: 45389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 88.6 | 81.8 | 122.6 |
| 154 | 354.5 | 412.2 | 618.4# |



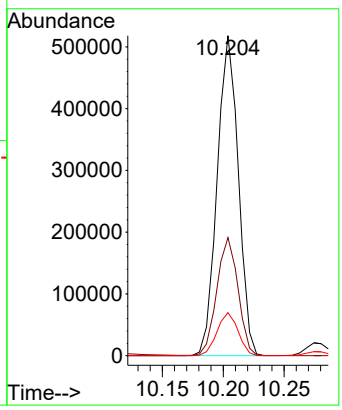


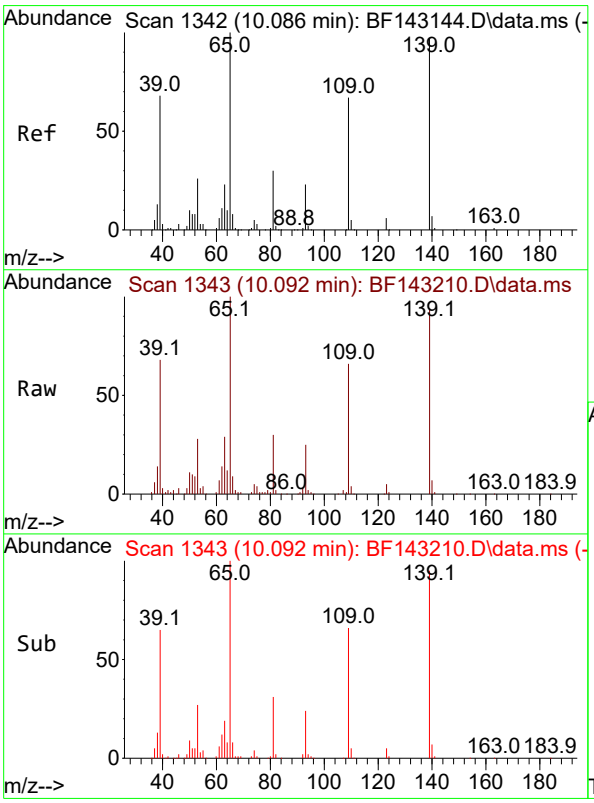

#55
Dibenzofuran
Concen: 39.327 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 625794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |

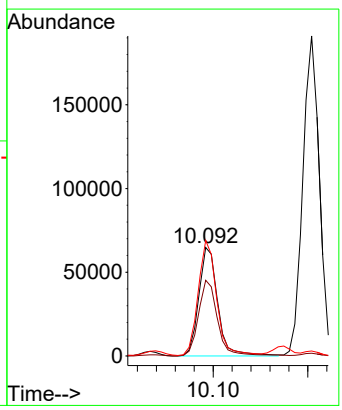


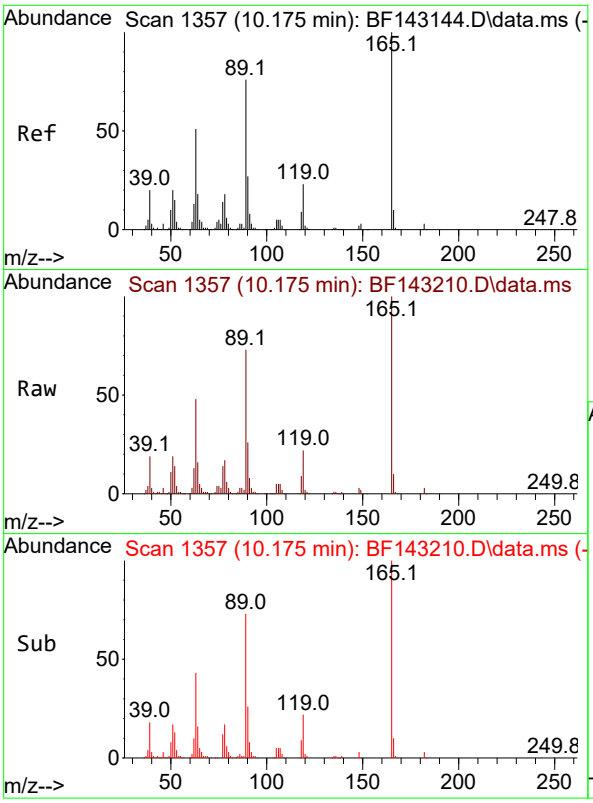




#56
4-Nitrophenol
Concen: 41.556 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:139 Resp: 90214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 69.9 | 48.5 | 88.5 |
| 65 | 106.6 | 83.4 | 123.4 |



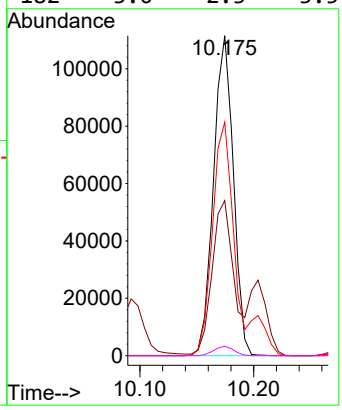


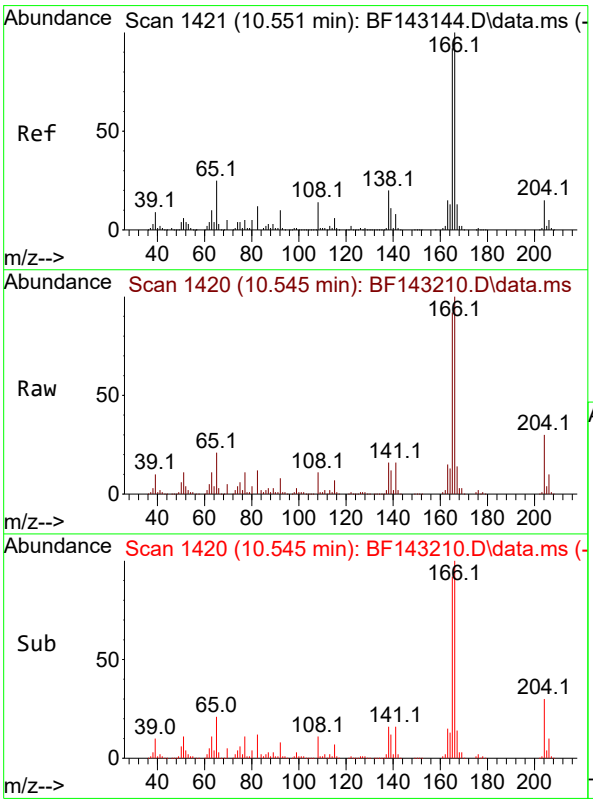

#57
2,4-Dinitrotoluene
Concen: 43.429 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 135422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.4 | 41.0 | 61.4 |
| 89 | 73.0 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |

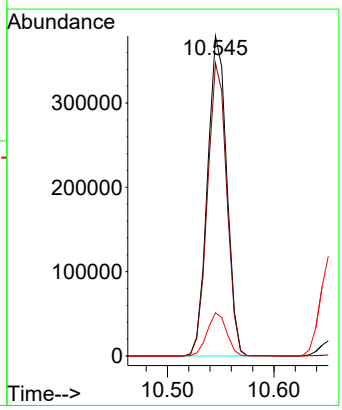


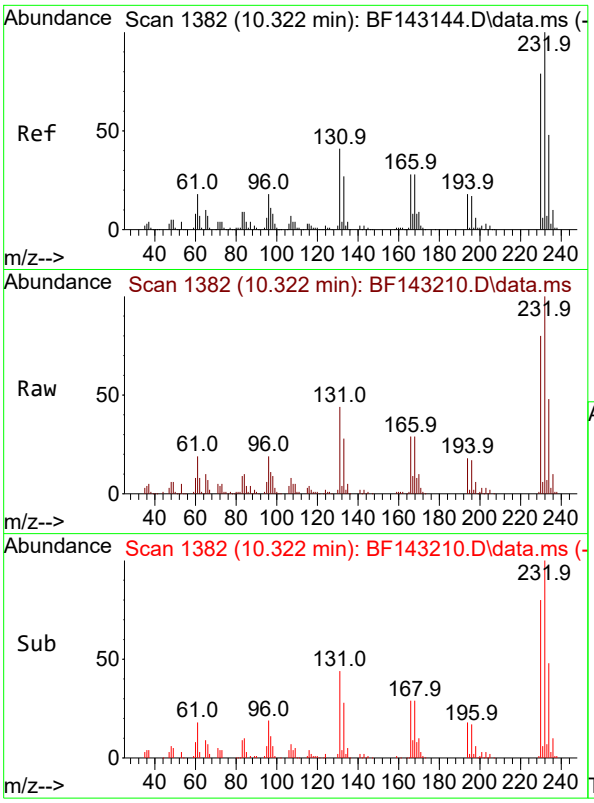




#58
Fluorene
Concen: 39.871 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:166 Resp: 476175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.5 | 73.7 | 110.5 |
| 167 | 13.5 | 10.6 | 16.0 |



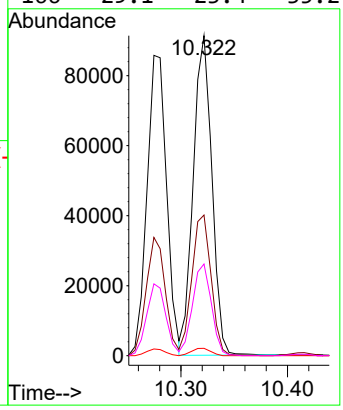


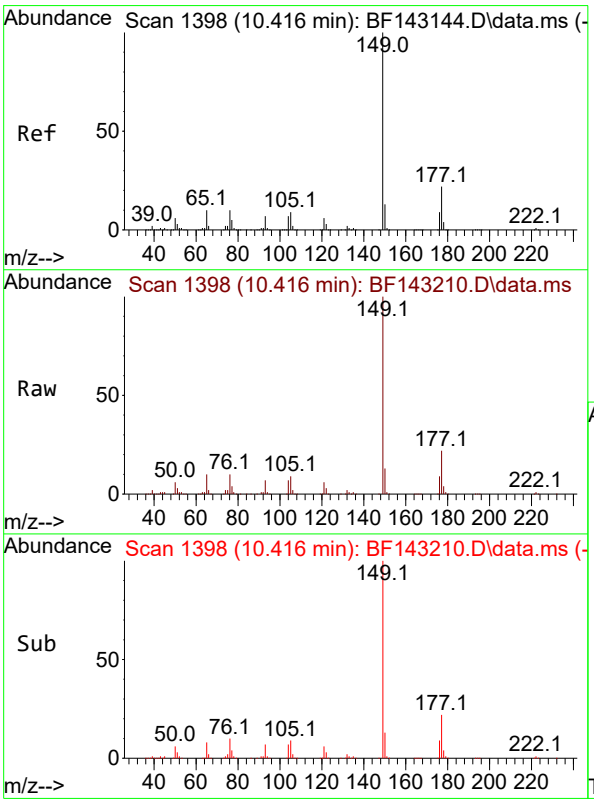

#59
2,3,4,6-Tetrachlorophenol
Concen: 35.835 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 111208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.6 | 35.3 | 52.9 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 29.1 | 23.4 | 35.2 |

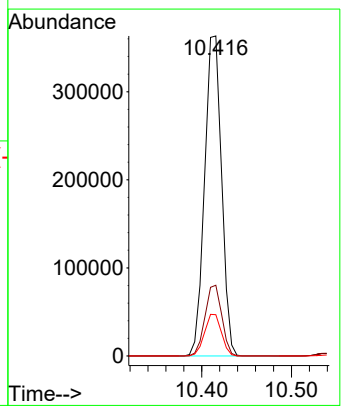


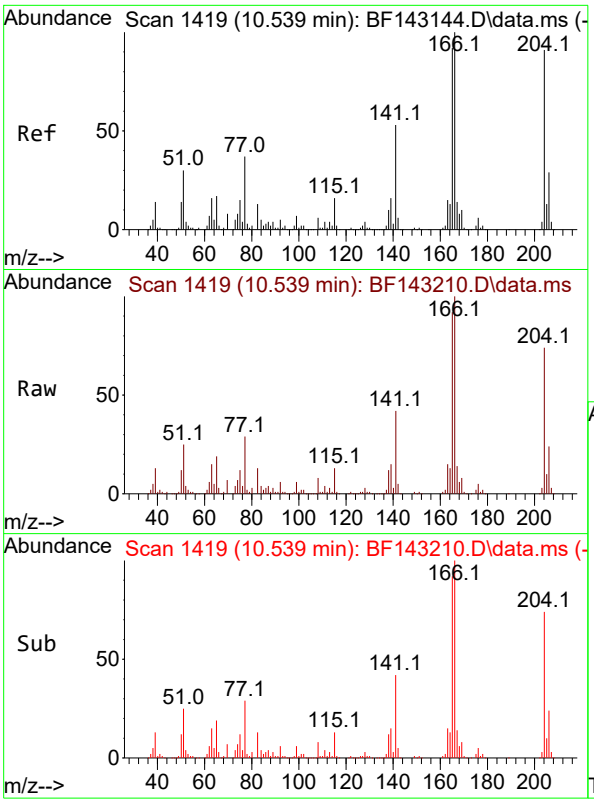




#60
Diethylphthalate
Concen: 39.593 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 478128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.5 | 26.3 |
| 150 | 12.9 | 10.2 | 15.2 |



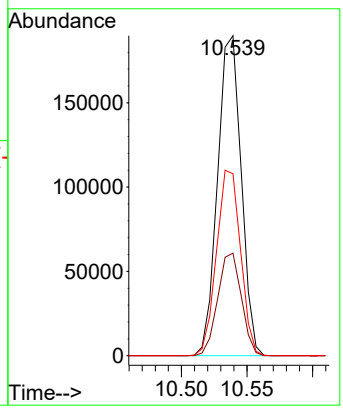


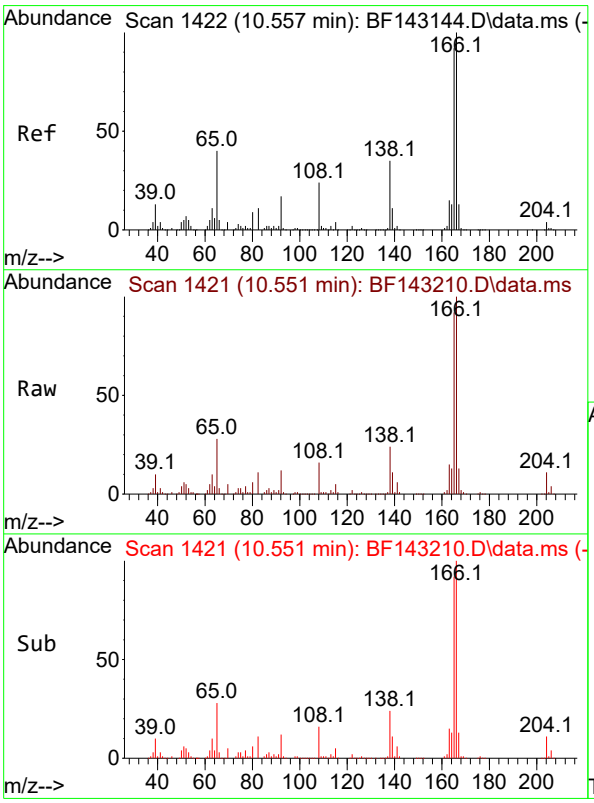

#61
4-Chlorophenyl-phenylether
Concen: 40.030 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 238049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 25.8 | 38.8 |
| 141 | 56.8 | 47.0 | 70.4 |

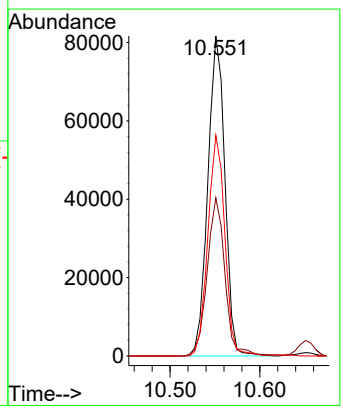


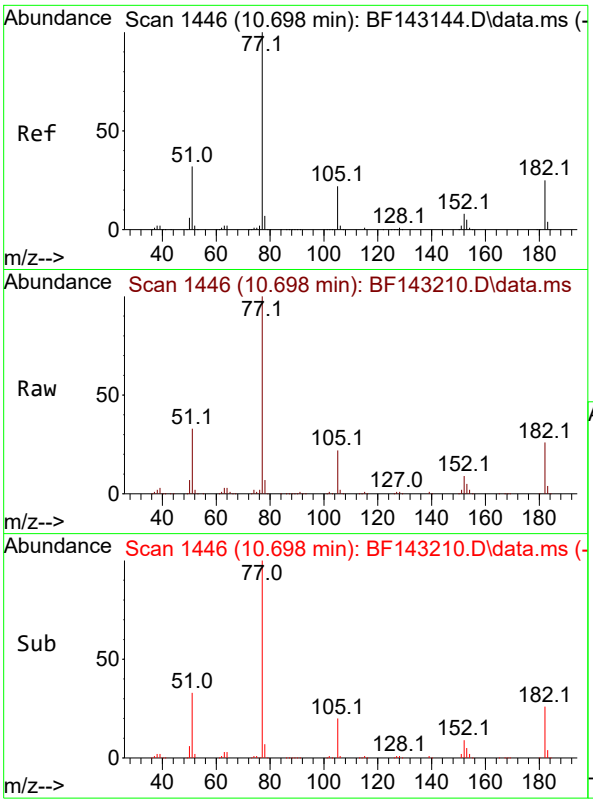




#62
4-Nitroaniline
Concen: 43.376 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:138 Resp: 108074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.4 | 29.3 | 69.3 |
| 108 | 68.9 | 48.3 | 88.3 |



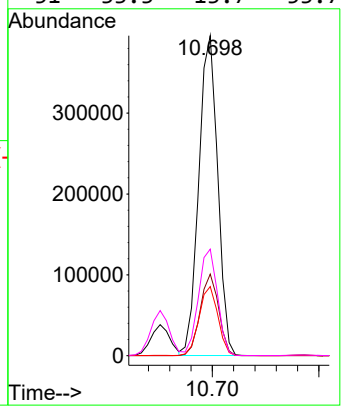


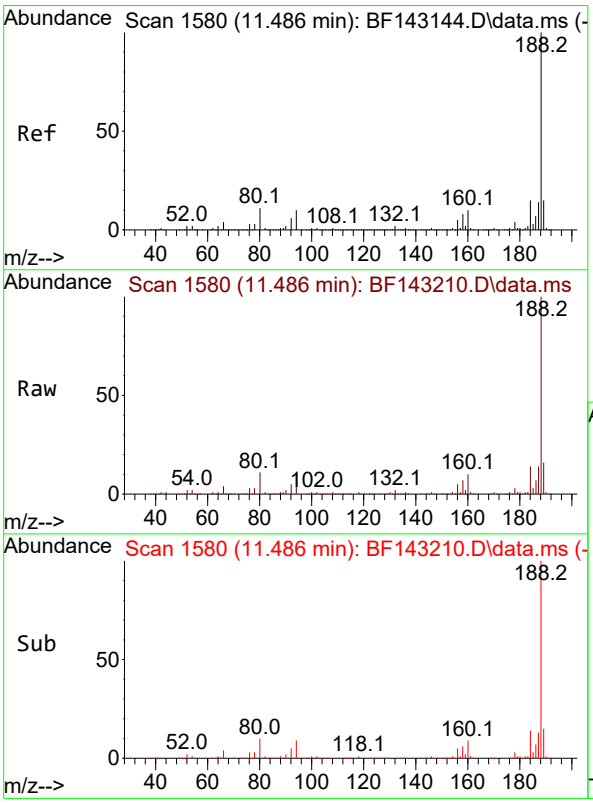

#63
Azobenzene
Concen: 38.867 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 489180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.5 | 4.6 | 44.6 |
| 105 | 21.6 | 1.4 | 41.4 |
| 51 | 33.3 | 13.7 | 53.7 |

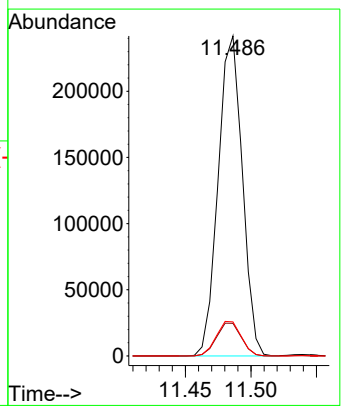


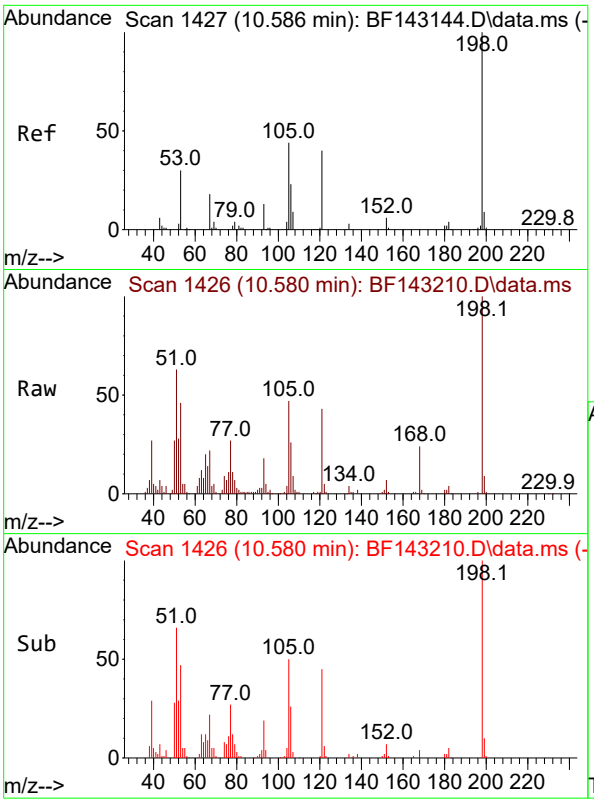




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:188 Resp: 309922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.3 | 12.5 |
| 80 | 10.7 | 9.0 | 13.6 |



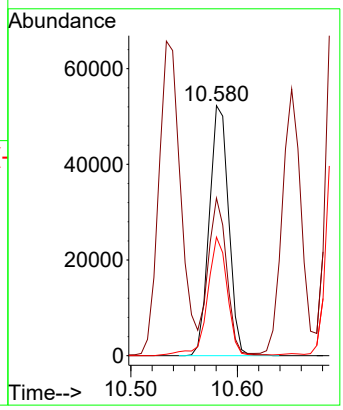


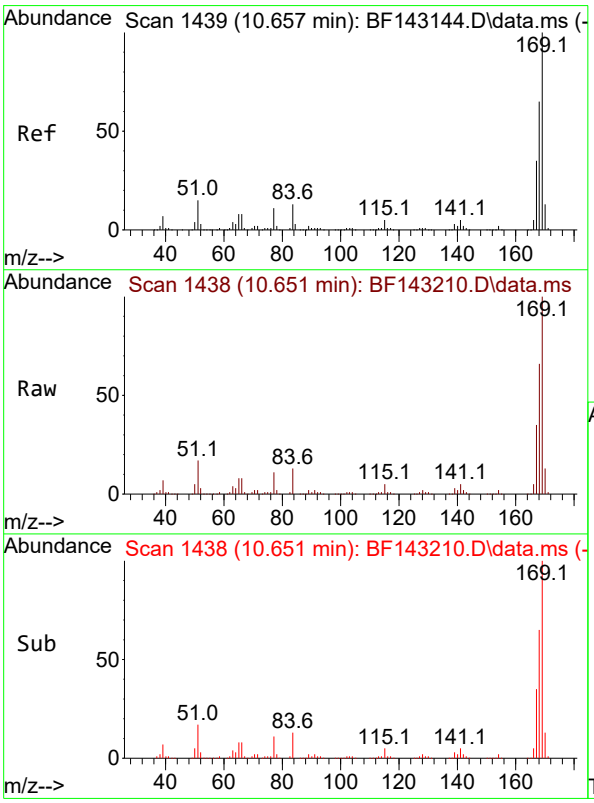

#65
4,6-Dinitro-2-methylphenol
Concen: 41.322 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 65757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 63.0 | 37.2 | 77.2 |
| 105 | 47.4 | 24.8 | 64.8 |

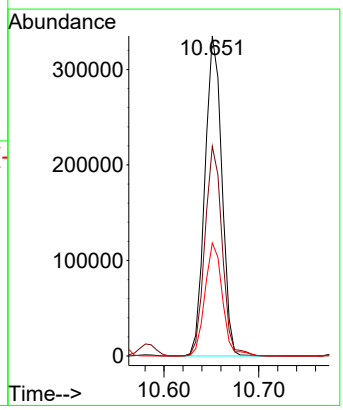


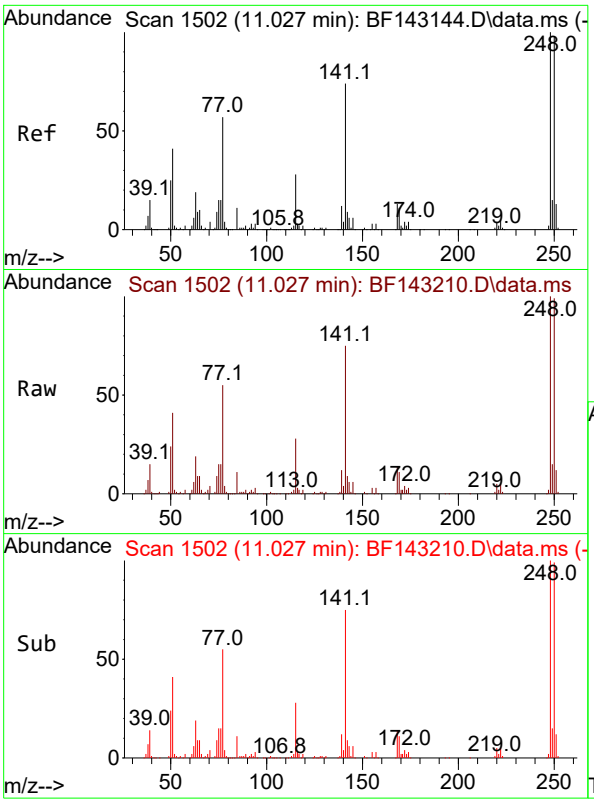




#66
n-Nitrosodiphenylamine
Concen: 37.925 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:169 Resp: 413888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 52.1 | 78.1 |
| 167 | 35.3 | 28.2 | 42.2 |



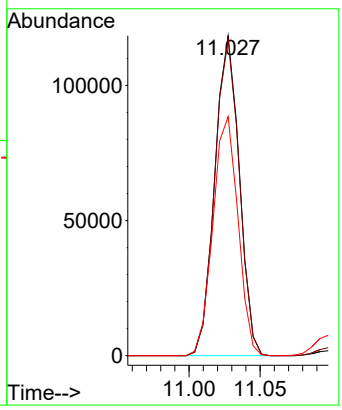


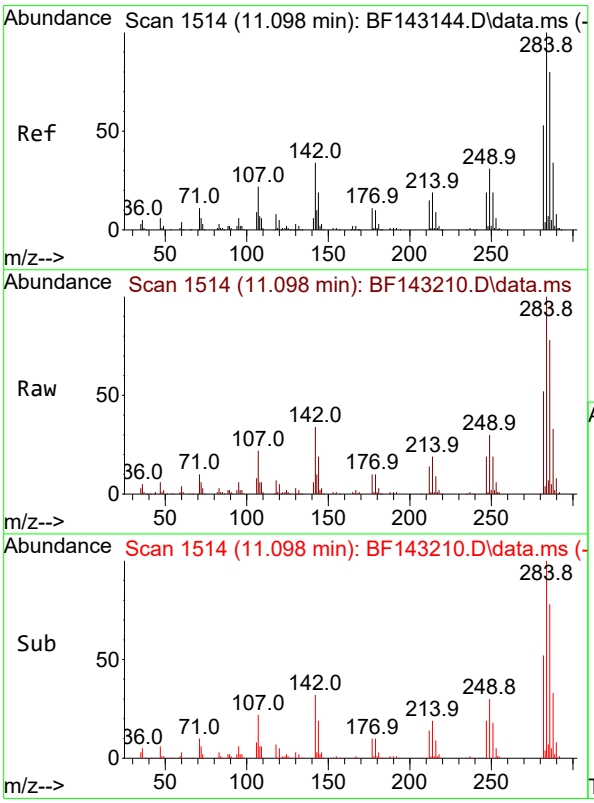

#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 142152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 78.3 | 117.5 |
| 141 | 74.7 | 59.2 | 88.8 |

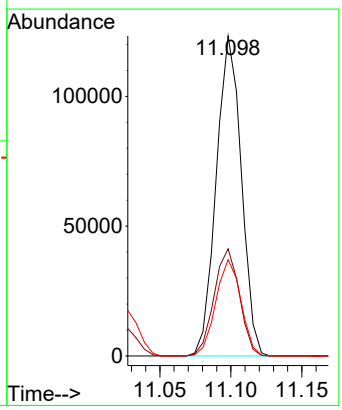


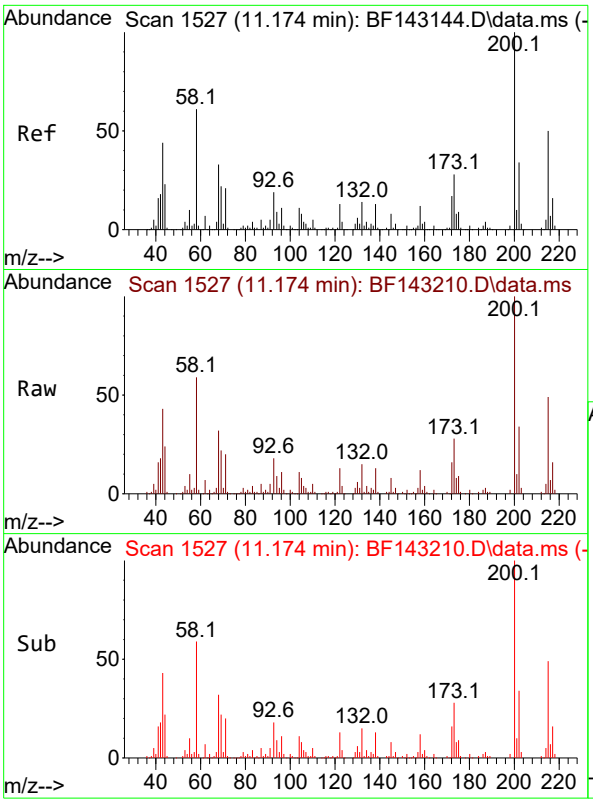




#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:284 Resp: 150979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.5 | 27.0 | 40.6 |
| 249 | 30.1 | 25.0 | 37.6 |



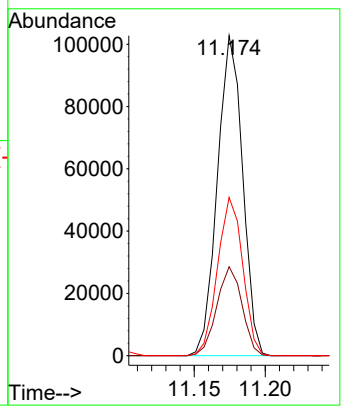


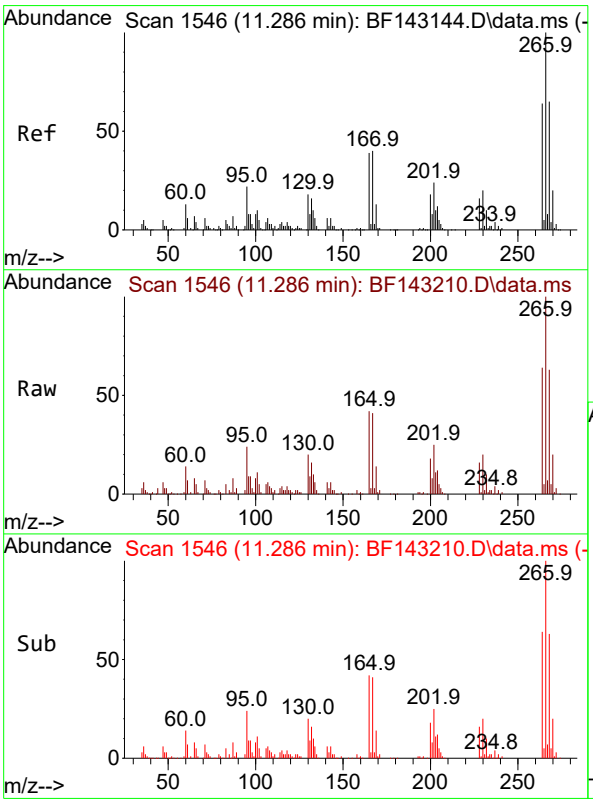

#69
Atrazine
Concen: 42.107 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 126687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.8 | 7.9 | 47.9 |
| 215 | 49.5 | 30.1 | 70.1 |

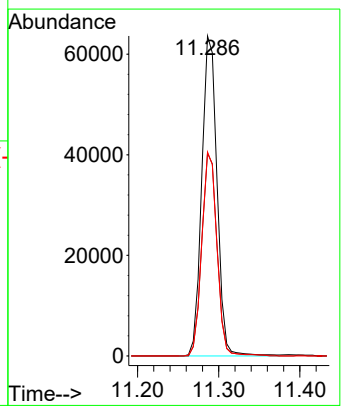


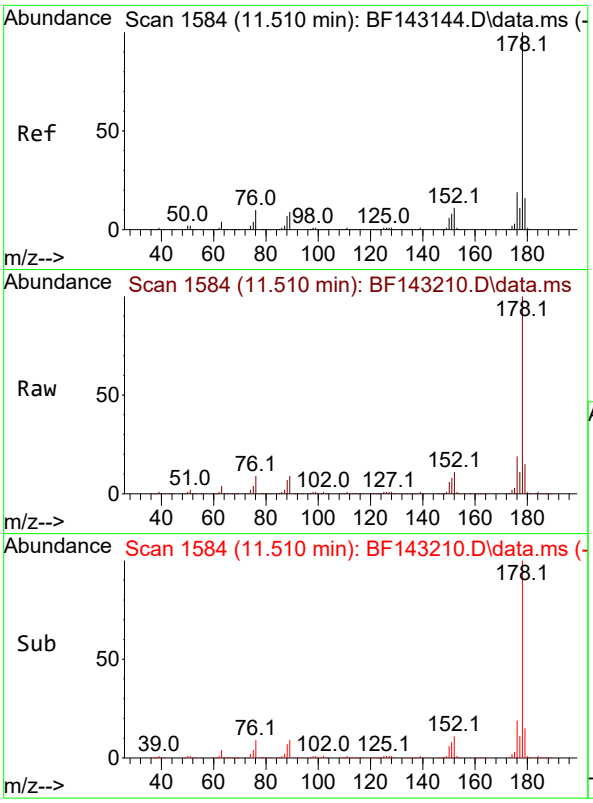




#70
Pentachlorophenol
Concen: 36.572 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:266 Resp: 83028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.9 | 77.9 |
| 264 | 63.8 | 51.0 | 76.6 |



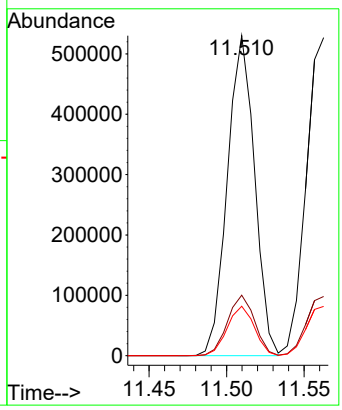


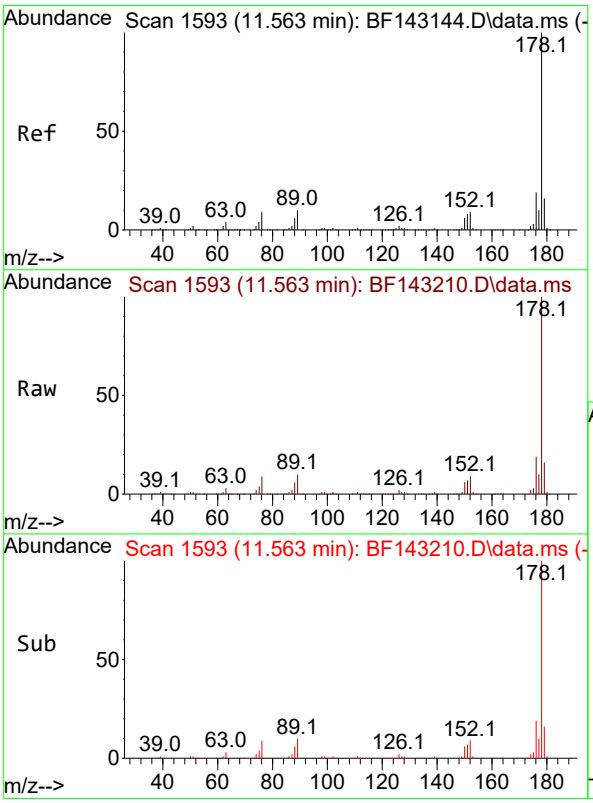

#71
Phenanthrene
Concen: 39.306 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 646817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.3 | 22.9 |
| 179 | 15.5 | 12.5 | 18.7 |

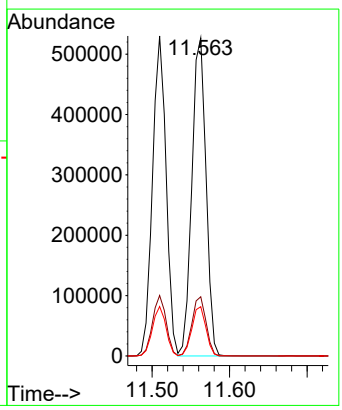


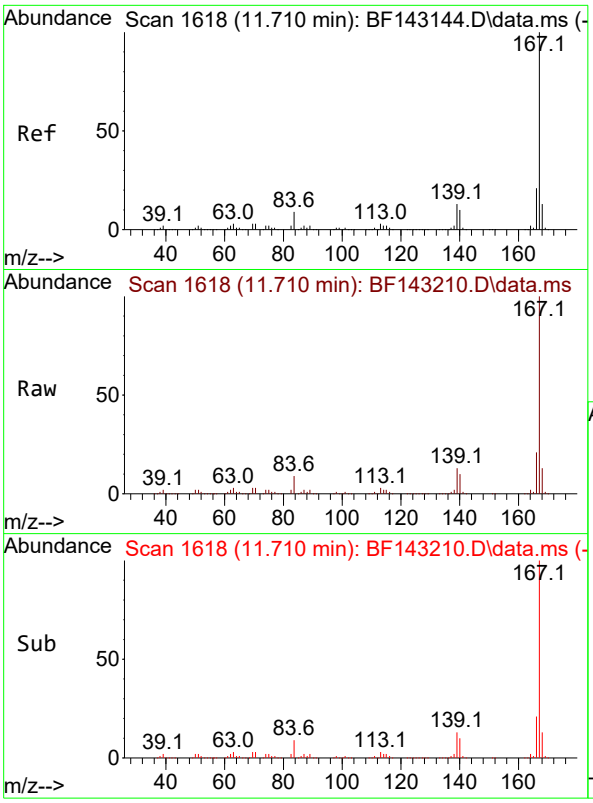




#72
Anthracene
Concen: 39.761 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:178 Resp: 667319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



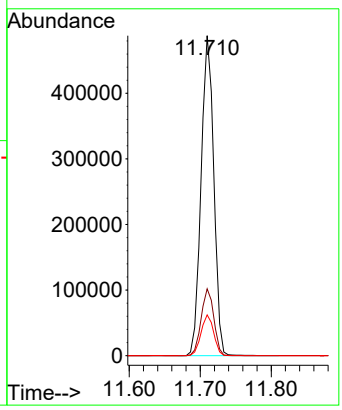


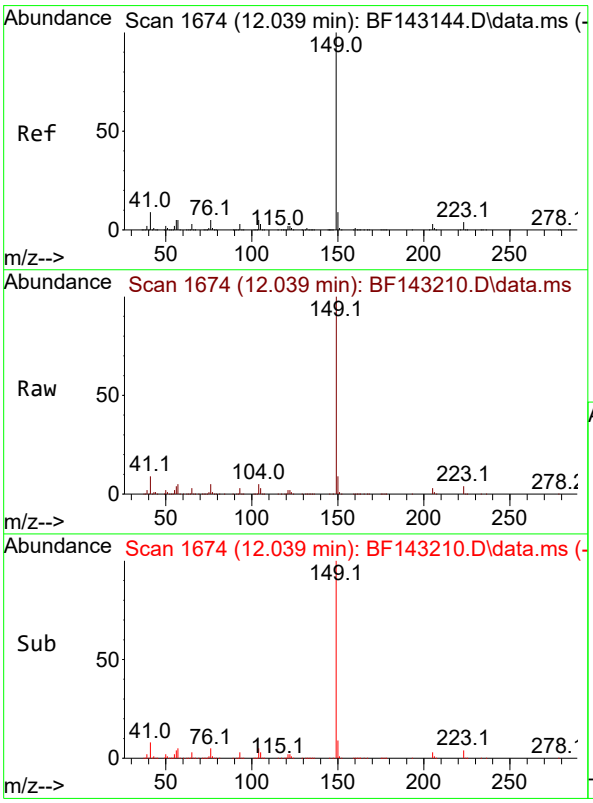

#73
Carbazole
Concen: 41.500 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 608177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.0 | 25.6 |
| 139 | 12.8 | 10.0 | 15.0 |

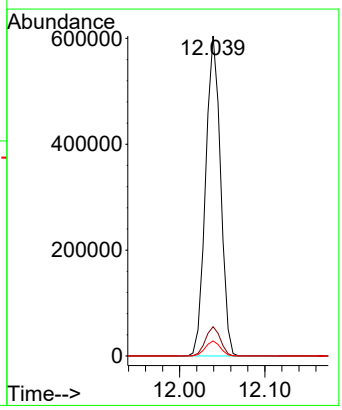


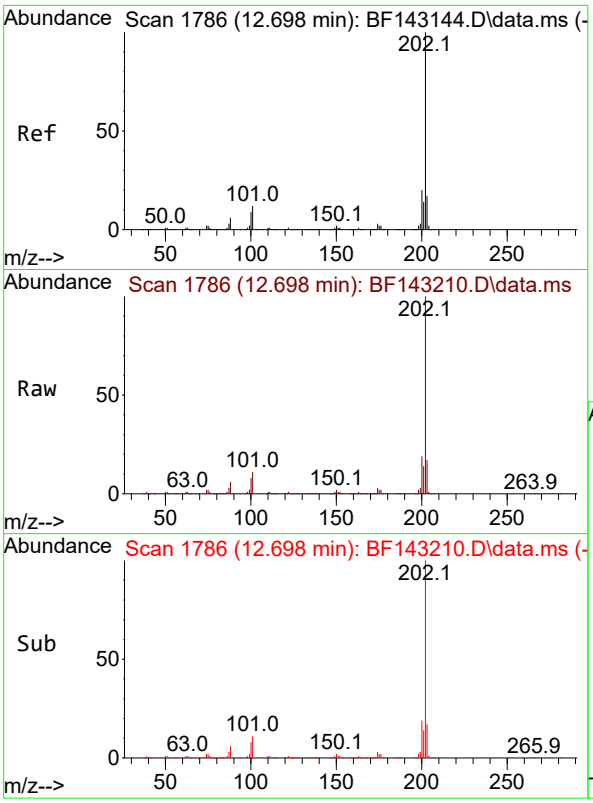




#74
Di-n-butylphthalate
Concen: 44.219 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 733248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



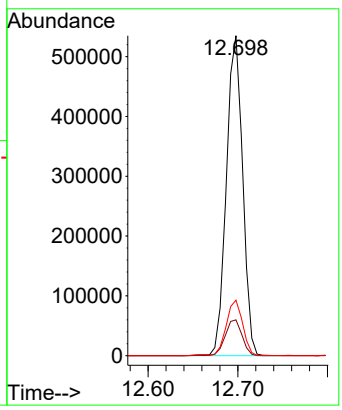


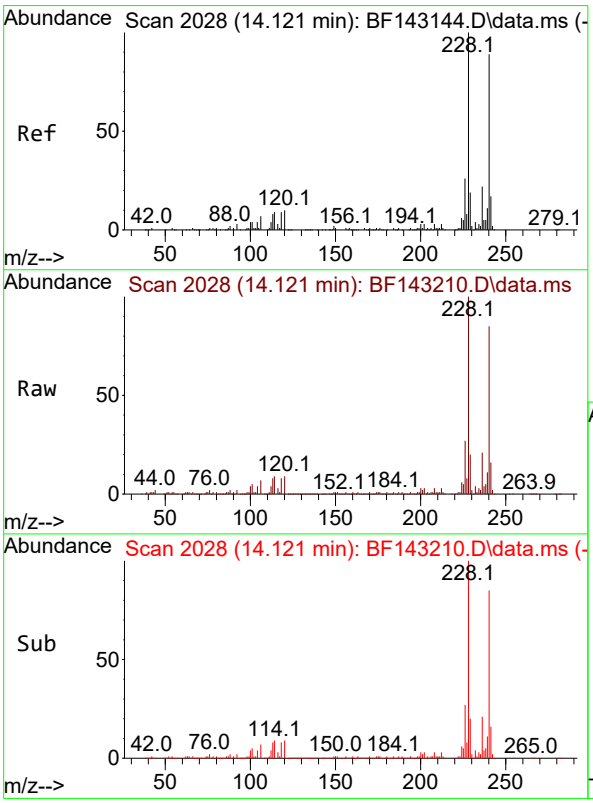

#75
Fluoranthene
Concen: 44.615 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 673881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.7 |
| 203 | 17.3 | 0.0 | 37.4 |

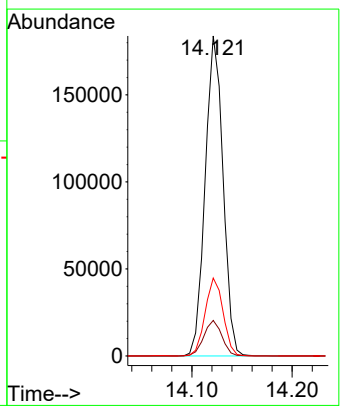


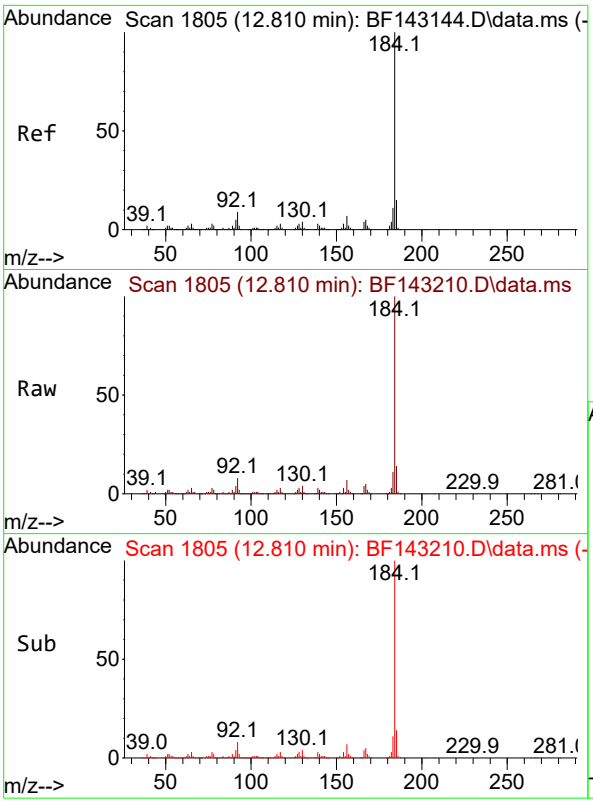




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:240 Resp: 228057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.4 | 14.2 |
| 236 | 24.4 | 20.2 | 30.4 |



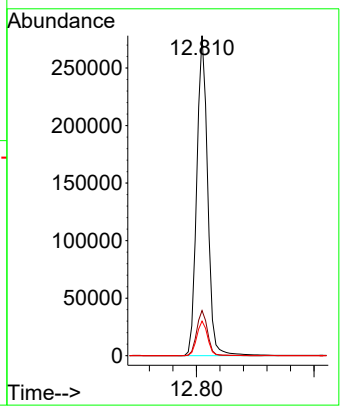


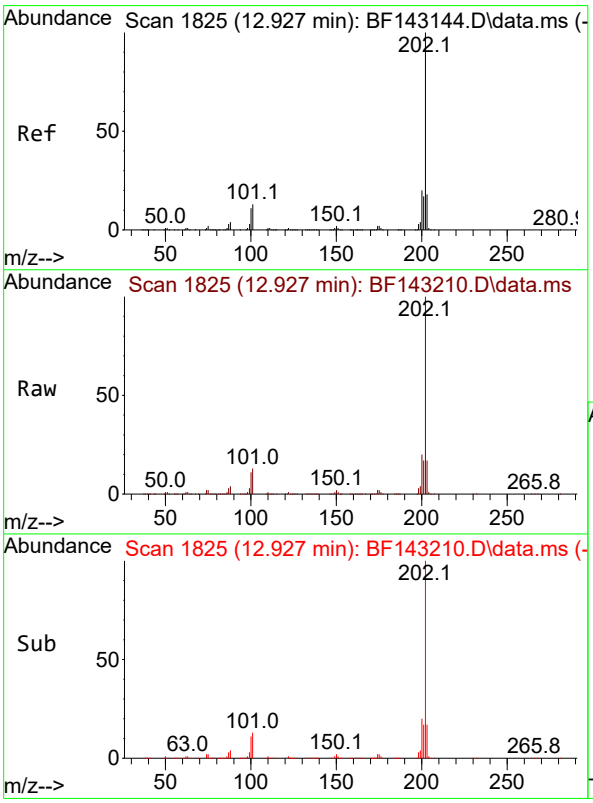

#77
Benzidine
Concen: 40.712 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 357711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 12.2 | 18.4 |
| 183 | 10.8 | 9.0 | 13.4 |

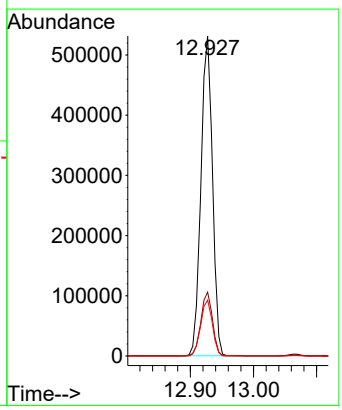


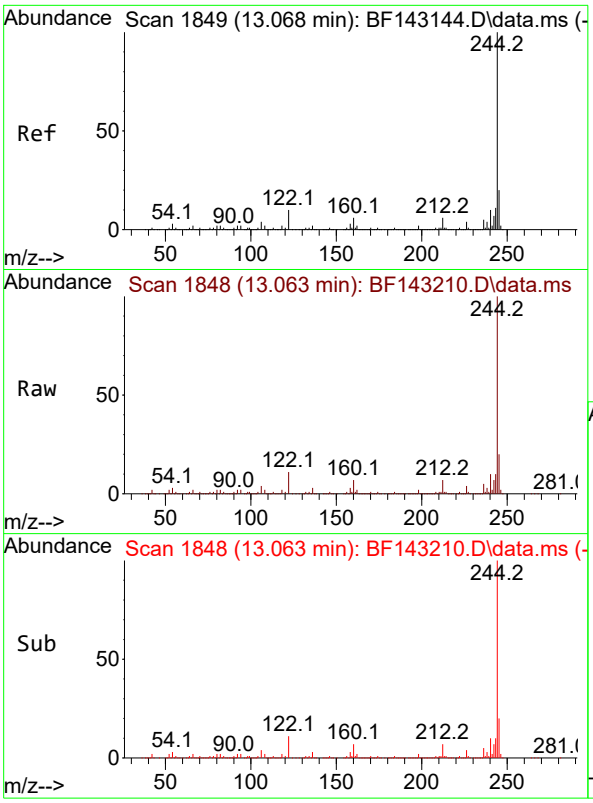




#78
Pyrene
Concen: 34.761 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:202 Resp: 676567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 15.7 | 23.5 |
| 203 | 17.4 | 14.2 | 21.2 |



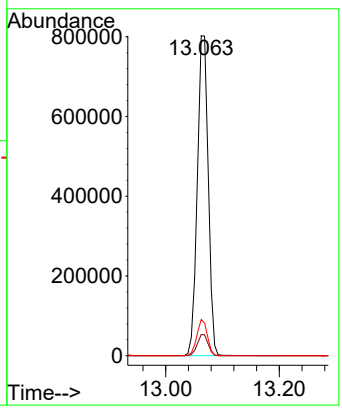


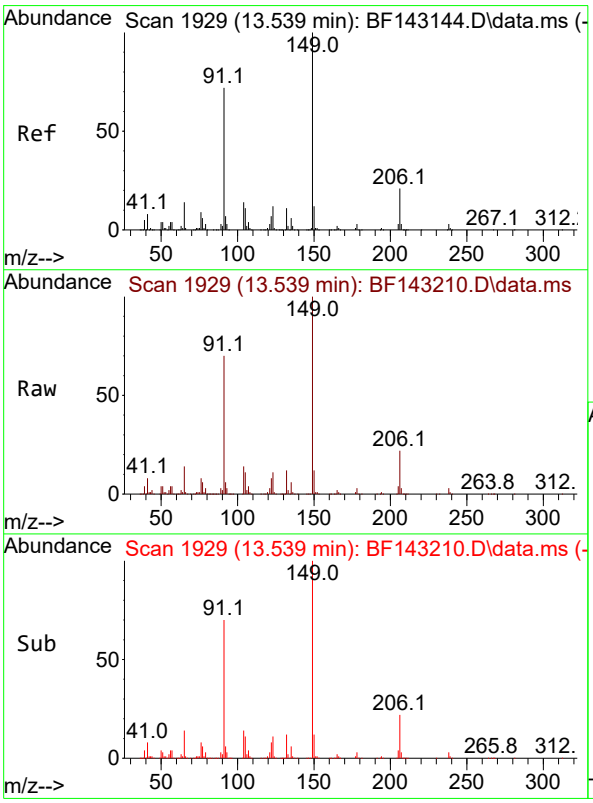

#79
Terphenyl-d14
Concen: 70.144 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 1074970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.3 | 8.2 | 12.2 |

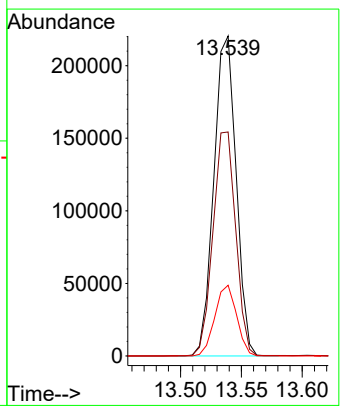


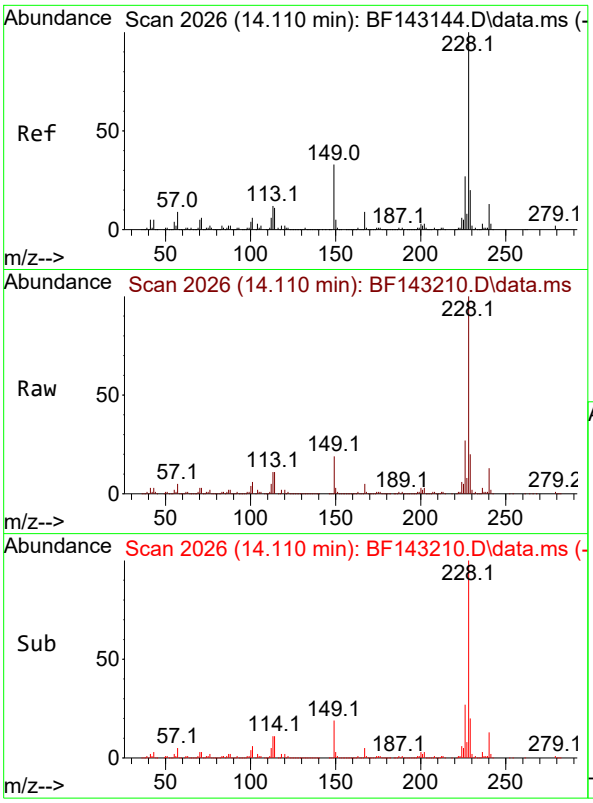




#80
Butylbenzylphthalate
Concen: 47.140 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 280954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.0 | 57.9 | 86.9 |
| 206 | 22.1 | 17.0 | 25.4 |



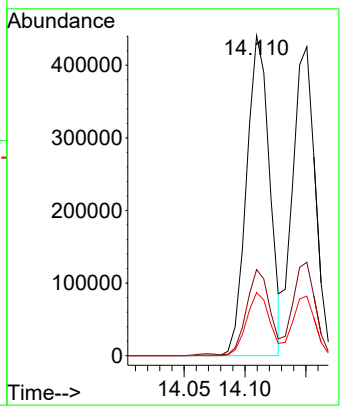


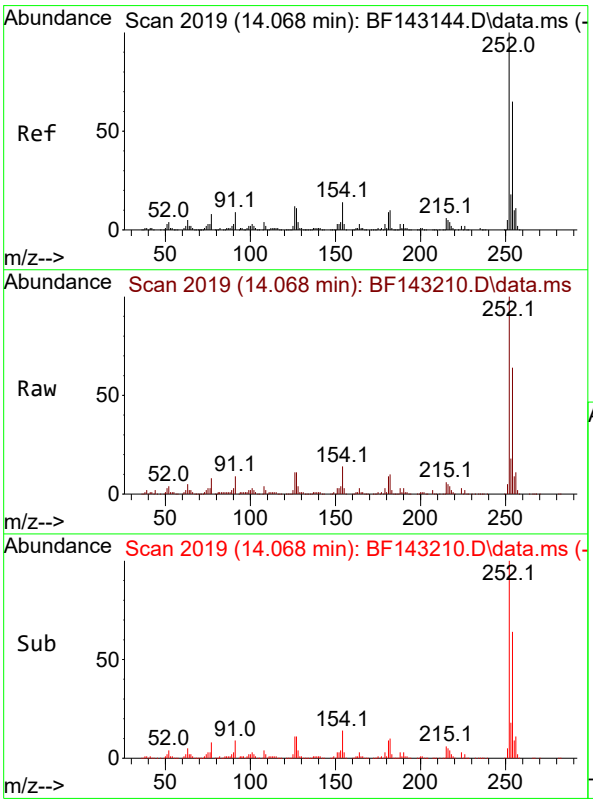

#81
Benzo(a)anthracene
Concen: 38.065 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 581201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.7 | 32.5 |
| 229 | 19.8 | 15.8 | 23.6 |

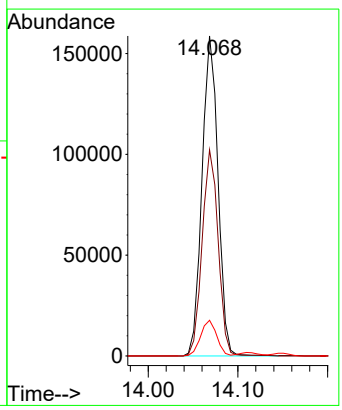


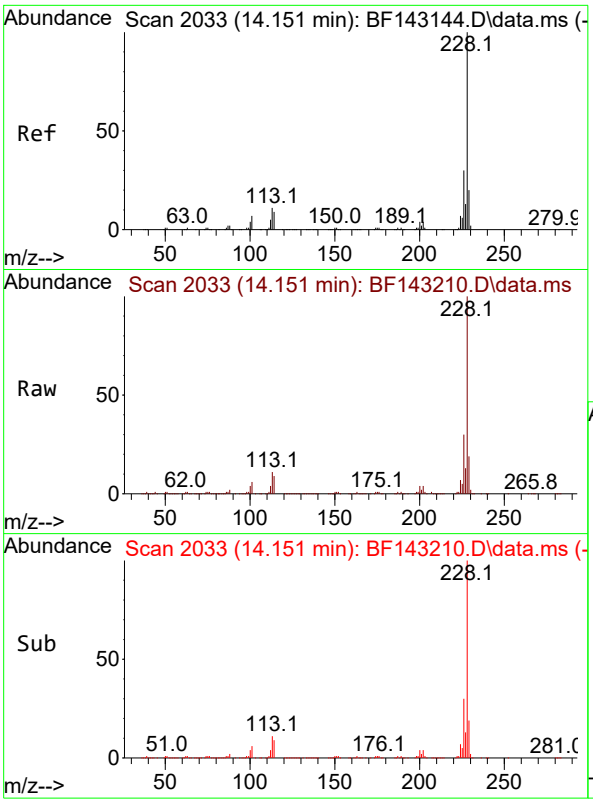




#82
3,3'-Dichlorobenzidine
Concen: 38.576 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 196307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.7 | 77.5 |
| 126 | 11.2 | 9.4 | 14.0 |



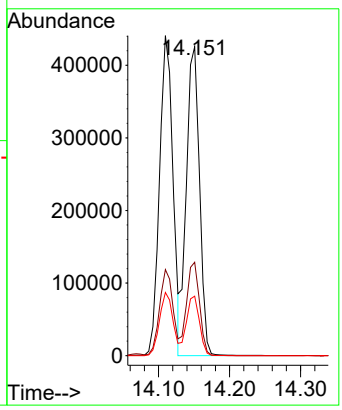


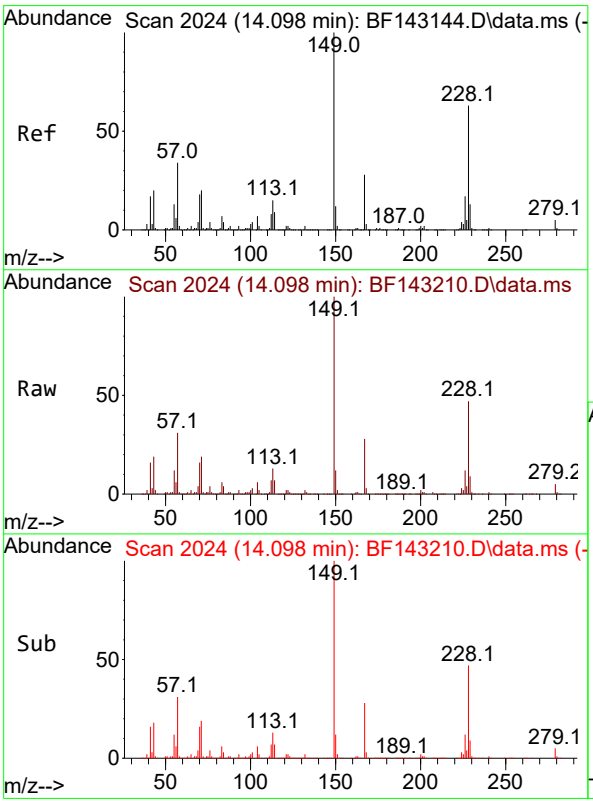

#83
Chrysene
Concen: 39.878 ng
RT: 14.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 547436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 23.8 | 35.8 |
| 229 | 19.3 | 15.6 | 23.4 |

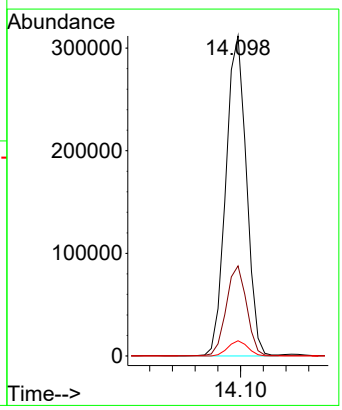


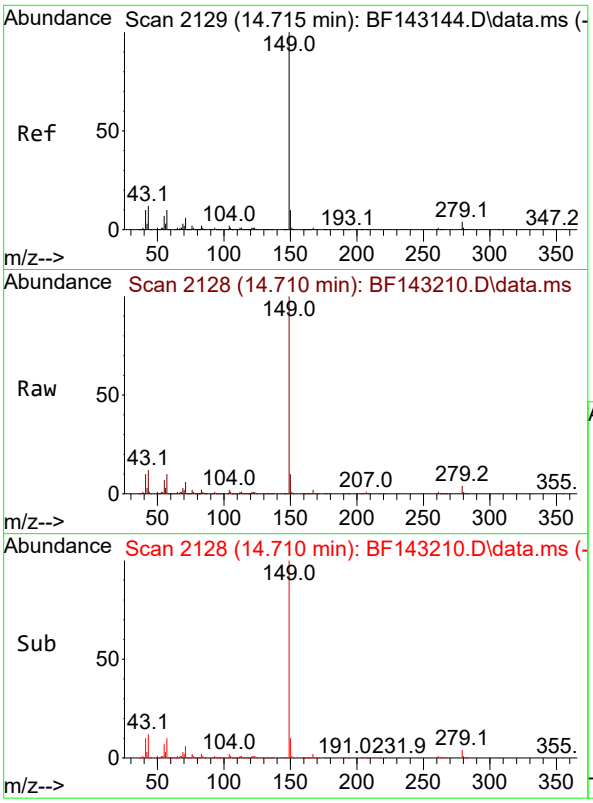




#84
Bis(2-ethylhexyl)phthalate
Concen: 43.463 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:149 Resp: 392081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.3 | 33.5 |
| 279 | 4.8 | 3.6 | 5.4 |



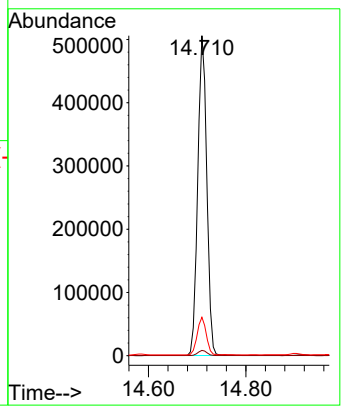


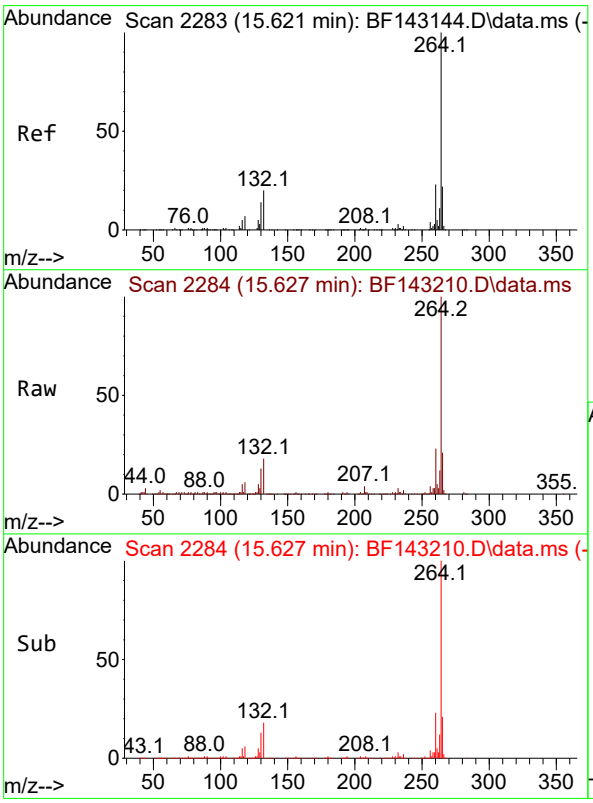

#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 657230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.7 | 9.7 | 14.5 |

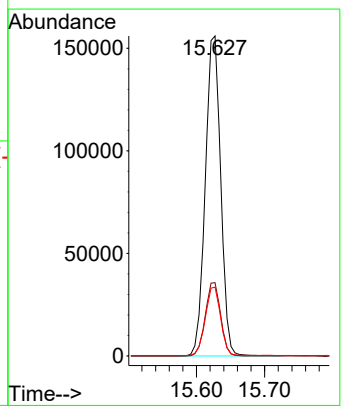


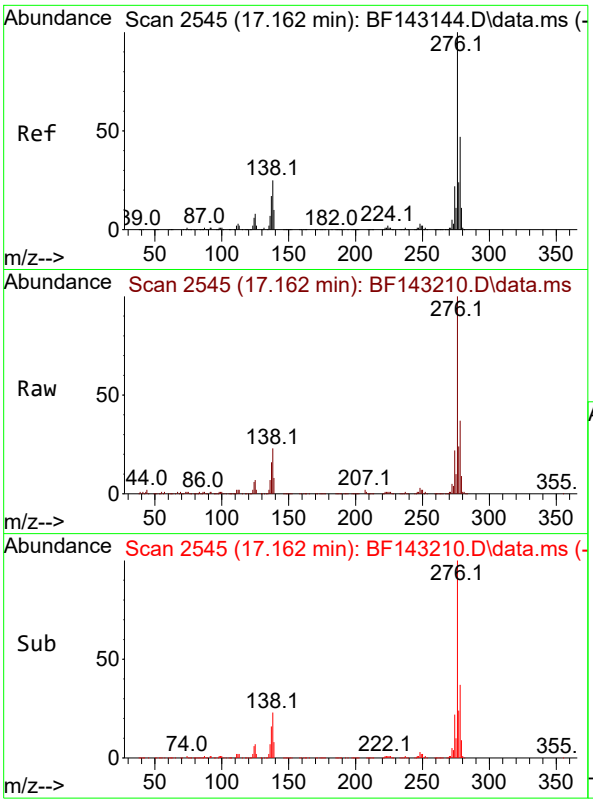




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:264 Resp: 245226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 18.5 | 27.7 |
| 265 | 21.5 | 17.4 | 26.2 |



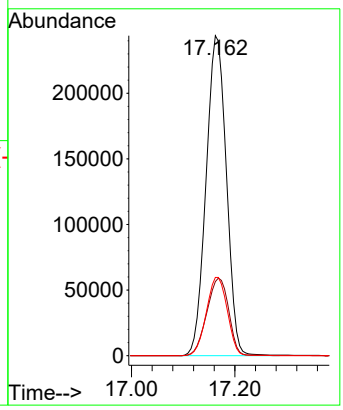


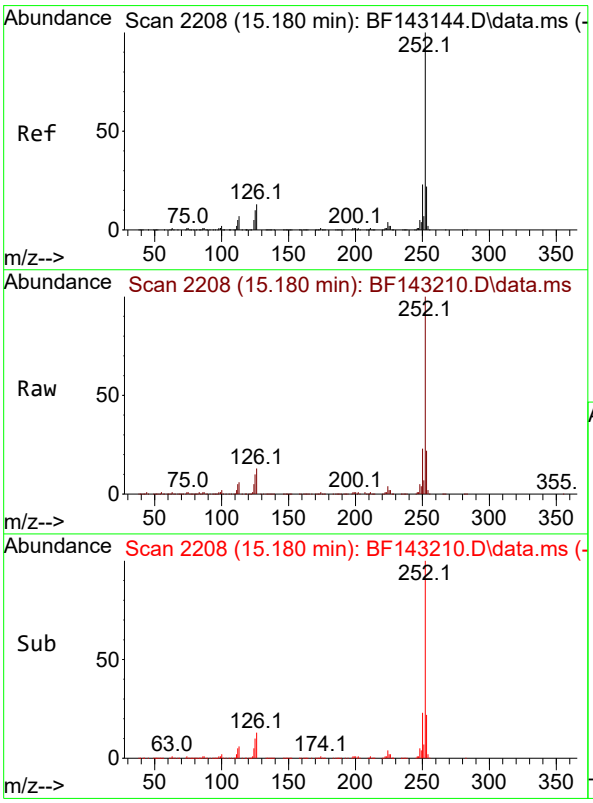

#87
Indeno(1,2,3-cd)pyrene
Concen: 38.487 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 665501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.1 | 21.8 | 32.6 |
| 277 | 25.2 | 20.0 | 30.0 |

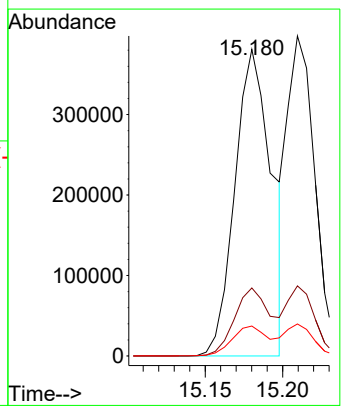


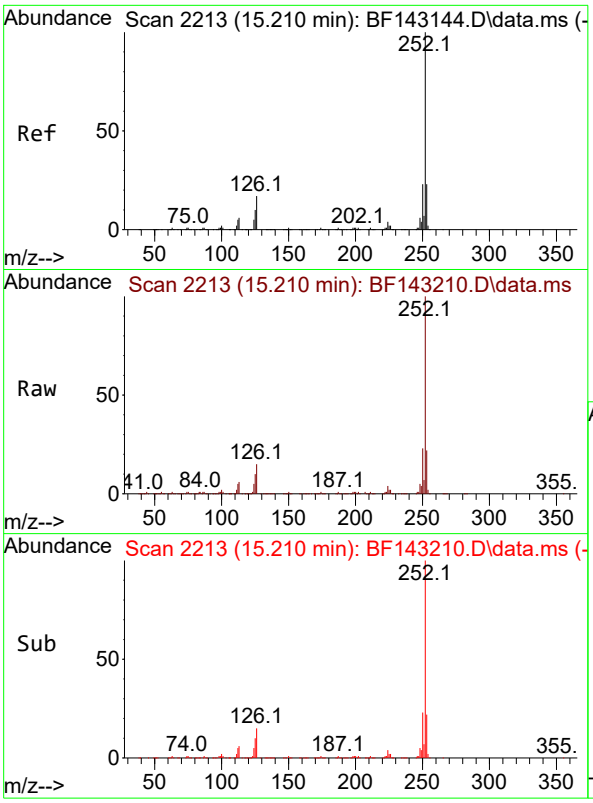




#88
Benzo(b)fluoranthene
Concen: 41.819 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 626496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 9.8 | 8.0 | 12.0 |



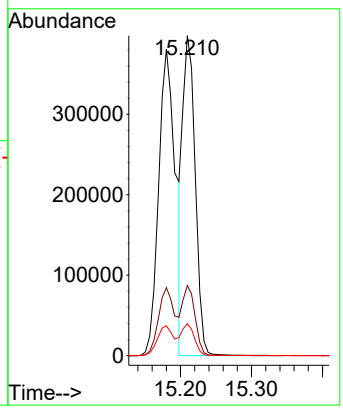


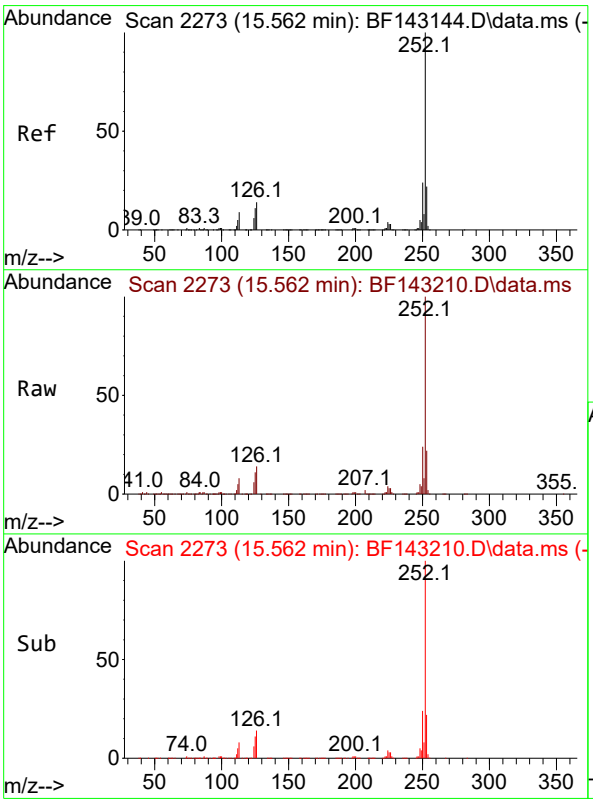

#89
Benzo(k)fluoranthene
Concen: 36.623 ng
RT: 15.210 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 489587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.0 | 8.1 | 12.1 |

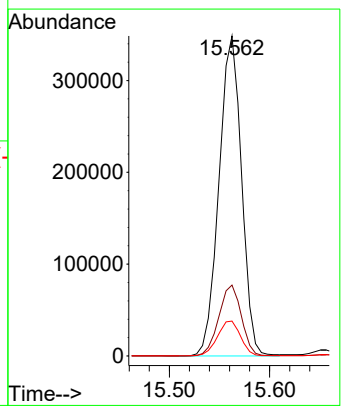


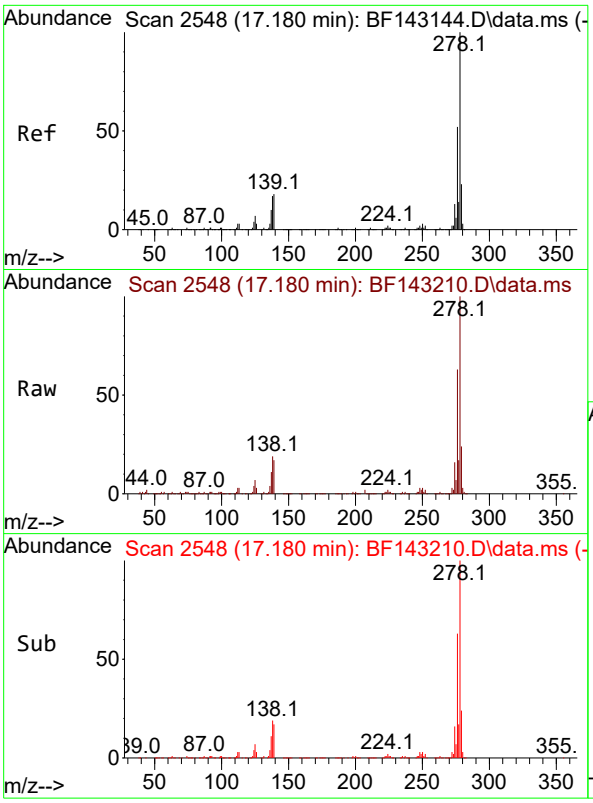




#90
Benzo(a)pyrene
Concen: 39.377 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:252 Resp: 543505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.3 | 25.9 |
| 125 | 10.9 | 8.6 | 13.0 |



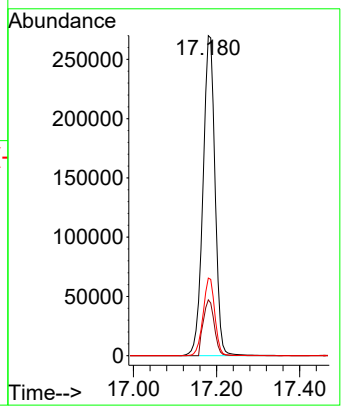


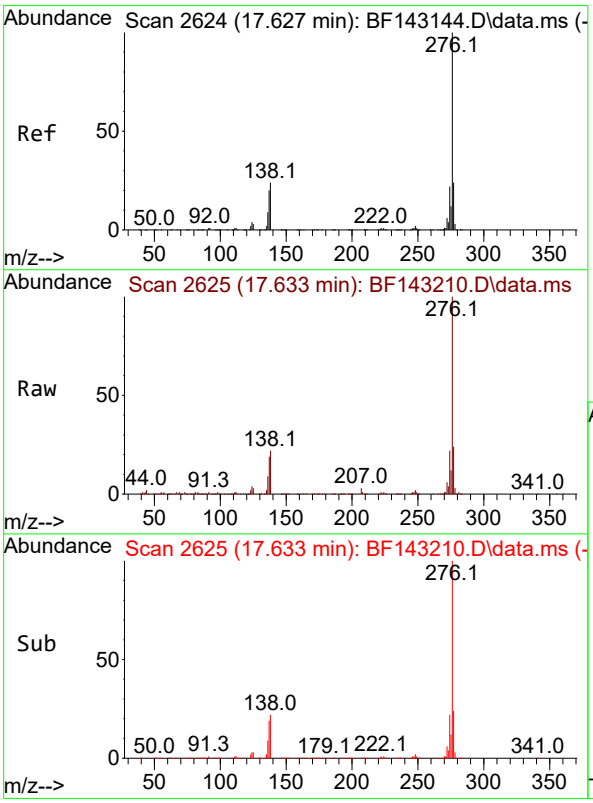

#91
Dibenzo(a,h)anthracene
Concen: 38.668 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 544233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.5 | 14.1 | 21.1 |
| 279 | 24.3 | 18.6 | 28.0 |

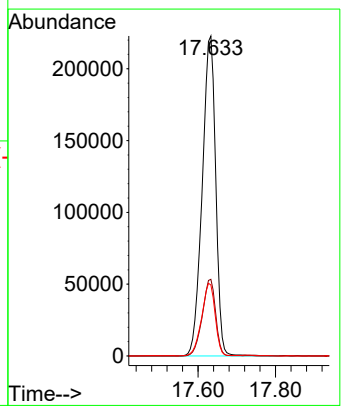



#92
Benzo(g,h,i)perylene
Concen: 39.524 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143210.D
Acq: 23 Jul 2025 14:33

Tgt Ion:276 Resp: 538105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.1 | 28.7 |
| 138 | 22.2 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 58 | 0.00 |
| 2 | | 1,4-Dioxane | 0.598 | 0.584 | 2.3 | 57 | -0.02 |
| 3 | | Pyridine | 1.552 | 1.455 | 6.2 | 55 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 0.801 | 0.779 | 2.7 | 56 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.264 | 1.243 | 1.7 | 59 | 0.00 |
| 6 | | Aniline | 2.217 | 2.069 | 6.7 | 55 | 0.00 |
| 7 | S | Phenol-d6 | 1.591 | 1.523 | 4.3 | 57 | 0.00 |
| 8 | | 2-Chlorophenol | 1.325 | 1.298 | 2.0 | 58 | 0.00 |
| 9 | | Benzaldehyde | 1.193 | 1.066 | 10.6 | 43# | 0.00 |
| 10 | C | Phenol | 1.733 | 1.726 | 0.4 | 59 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.254 | 5.5 | 56 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.439 | 1.444 | -0.3 | 60 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.442 | 0.5 | 59 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.378 | 1.382 | -0.3 | 60 | 0.00 |
| 15 | | Benzyl Alcohol | 1.215 | 1.173 | 3.5 | 56 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.461 | 2.315 | 5.9 | 56 | 0.00 |
| 17 | | 2-Methylphenol | 1.114 | 1.066 | 4.3 | 57 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.518 | -3.2 | 61 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.021 | 0.929 | 9.0 | 55 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.351 | 1.319 | 2.4 | 57 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 57 | 0.00 |
| 22 | | Acetophenone | 0.474 | 0.460 | 3.0 | 57 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.401 | 0.408 | -1.7 | 58 | 0.00 |
| 24 | | Nitrobenzene | 0.374 | 0.377 | -0.8 | 57 | 0.00 |
| 25 | | Isophorone | 0.708 | 0.669 | 5.5 | 55 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.162 | 0.179 | -10.5 | 59 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.331 | 0.316 | 4.5 | 55 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.425 | 0.401 | 5.6 | 55 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.279 | 0.275 | 1.4 | 57 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.307 | -1.7 | 59 | 0.00 |
| 31 | | Naphthalene | 0.985 | 0.978 | 0.7 | 58 | 0.00 |
| 32 | | Benzoic acid | 0.169 | 0.190 | -12.4 | 60 | 0.00 |
| 33 | | 4-Chloroaniline | 0.402 | 0.385 | 4.2 | 56 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.189 | -2.7 | 59 | 0.00 |
| 35 | | Caprolactam | 0.084 | 0.086 | -2.4 | 56 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.303 | 0.294 | 3.0 | 56 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.599 | 0.593 | 1.0 | 58 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.617 | 0.615 | 0.3 | 58 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 56 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.577 | 0.577 | 0.0 | 59 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.376 | 0.395 | -5.1 | 60 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.207 | 0.202 | 2.4 | 54 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.386 | 3.5 | 57 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.400 | 0.402 | -0.5 | 56 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.462 | 1.452 | 0.7 | 60 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.560 | 1.539 | 1.3 | 58 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.124 | 2.7 | 58 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.362 | 0.373 | -3.0 | 56 | 0.00 |
| 49 | | Acenaphthylene | 1.935 | 1.886 | 2.5 | 57 | 0.00 |
| 50 | | Dimethylphthalate | 1.304 | 1.287 | 1.3 | 57 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.265 | 0.272 | -2.6 | 55 | 0.00 |
| 52 | C | Acenaphthene | 1.144 | 1.132 | 1.0 | 58 | 0.00 |
| 53 | | 3-Nitroaniline | 0.310 | 0.321 | -3.5 | 57 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.098 | 0.121 | -23.5 | 66 | 0.00 |
| 55 | | Dibenzofuran | 1.698 | 1.669 | 1.7 | 58 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.241 | -3.9 | 55 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.361 | -8.4 | 58 | 0.00 |
| 58 | | Fluorene | 1.274 | 1.270 | 0.3 | 59 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.331 | 0.297 | 10.3 | 50 | 0.00 |
| 60 | | Diethylphthalate | 1.289 | 1.275 | 1.1 | 57 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.635 | 0.635 | 0.0 | 59 | 0.00 |
| 62 | | 4-Nitroaniline | 0.266 | 0.288 | -8.3 | 58 | 0.00 |
| 63 | | Azobenzene | 1.343 | 1.305 | 2.8 | 56 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 57 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.094 | 0.106 | -12.8 | 62 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.704 | 0.668 | 5.1 | 57 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.238 | 0.229 | 3.8 | 57 | 0.00 |
| 68 | | Hexachlorobenzene | 0.249 | 0.244 | 2.0 | 58 | 0.00 |
| 69 | | Atrazine | 0.194 | 0.204 | -5.2 | 59 | 0.00 |
| 70 | C | Pentachlorophenol | 0.147 | 0.134 | 8.8 | 52 | 0.00 |
| 71 | | Phenanthrene | 1.062 | 1.044 | 1.7 | 58 | 0.00 |
| 72 | | Anthracene | 1.083 | 1.077 | 0.6 | 59 | 0.00 |
| 73 | | Carbazole | 0.946 | 0.981 | -3.7 | 60 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.183 | -10.6 | 63 | 0.00 |
| 75 | C | Fluoranthene | 0.975 | 1.087 | -11.5 | 65 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 77 | 0.00 |
| 77 | | Benzidine | 0.771 | 0.784 | -1.7 | 63 | 0.00 |
| 78 | | Pyrene | 1.707 | 1.483 | 13.1 | 67 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.344 | 1.178 | 12.4 | 69 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.616 | -17.8 | 87 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.274 | 4.9 | 77 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.446 | 0.430 | 3.6 | 77 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.200 | 0.3 | 77 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.860 | -8.7 | 84 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.434 | 1.441 | -0.5 | 80 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 76 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.410 | 1.357 | 3.8 | 73 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.222 | 1.277 | -4.5 | 84 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.090 | 0.998 | 8.4 | 67 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.126 | 1.108 | 1.6 | 75 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.148 | 1.110 | 3.3 | 73 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.110 | 1.097 | 1.2 | 75 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 58 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.043 | 2.4 | 57 | -0.02 |
| 3 | | Pyridine | 40.000 | 37.501 | 6.2 | 55 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.857 | 2.9 | 56 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 78.697 | 1.6 | 59 | 0.00 |
| 6 | | Aniline | 40.000 | 37.330 | 6.7 | 55 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 76.594 | 4.3 | 57 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.203 | 2.0 | 58 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.749 | 10.6 | 43 | 0.00 |
| 10 | C | Phenol | 40.000 | 39.837 | 0.4 | 59 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.812 | 5.5 | 56 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.124 | -0.3 | 60 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.792 | 0.5 | 59 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.116 | -0.3 | 60 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 38.639 | 3.4 | 56 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.612 | 6.0 | 56 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.282 | 4.3 | 57 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 41.296 | -3.2 | 61 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.393 | 9.0 | 55 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.051 | 2.4 | 57 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 57 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.853 | 2.9 | 57 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 81.332 | -1.7 | 58 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.321 | -0.8 | 57 | 0.00 |
| 25 | | Isophorone | 40.000 | 37.791 | 5.5 | 55 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 44.072 | -10.2 | 59 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.169 | 4.6 | 55 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 37.737 | 5.7 | 55 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.391 | 1.5 | 57 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.763 | -1.9 | 59 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.723 | 0.7 | 58 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 41.627 | -4.1 | 60 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 38.259 | 4.4 | 56 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.960 | -2.4 | 59 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.895 | -2.2 | 56 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.764 | 3.1 | 56 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.580 | 1.1 | 58 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.872 | 0.3 | 58 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 56 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.956 | 0.1 | 59 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 42.082 | -5.2 | 60 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 78.251 | 2.2 | 54 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 38.625 | 3.4 | 57 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.211 | -0.5 | 56 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.441 | 0.7 | 60 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.454 | 1.4 | 58 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.957 | 2.6 | 58 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.188 | -3.0 | 56 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.989 | 2.5 | 57 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.503 | 1.2 | 57 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.014 | -2.5 | 55 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.605 | 1.0 | 58 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.423 | -3.6 | 57 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 43.601 | -9.0 | 66 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.327 | 1.7 | 58 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.556 | -3.9 | 55 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 43.429 | -8.6 | 58 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.871 | 0.3 | 59 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 35.835 | 10.4 | 50 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 39.593 | 1.0 | 57 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.030 | -0.1 | 59 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 43.376 | -8.4 | 58 | 0.00 |
| 63 | | Azobenzene | 40.000 | 38.867 | 2.8 | 56 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 57 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.322 | -3.3 | 62 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.925 | 5.2 | 57 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.488 | 3.8 | 57 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.109 | 2.2 | 58 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.107 | -5.3 | 59 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 36.572 | 8.6 | 52 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.306 | 1.7 | 58 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.761 | 0.6 | 59 | 0.00 |
| 73 | | Carbazole | 40.000 | 41.500 | -3.8 | 60 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 44.219 | -10.5 | 63 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 44.615 | -11.5 | 65 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 77 | 0.00 |
| 77 | | Benzidine | 40.000 | 40.712 | -1.8 | 63 | 0.00 |
| 78 | | Pyrene | 40.000 | 34.761 | 13.1 | 67 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 70.144 | 12.3 | 69 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 47.140 | -17.9 | 87 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.065 | 4.8 | 77 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 38.576 | 3.6 | 77 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.878 | 0.3 | 77 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 43.463 | -8.7 | 84 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.193 | -0.5 | 80 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 76 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.487 | 3.8 | 73 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 41.819 | -4.5 | 84 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 36.623 | 8.4 | 67 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.377 | 1.6 | 75 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.668 | 3.3 | 73 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 39.524 | 1.2 | 75 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143210.D
Acq On : 23 Jul 2025 14:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 15:12:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_F Calibration Date/Time: 07/23/2025 19:54

Lab File ID: BF143221.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.264 | 1.184 | | -6.3 | 50.0 |
| Phenol-d6 | 1.591 | 1.484 | | -6.7 | 50.0 |
| Nitrobenzene-d5 | 0.401 | 0.407 | | 1.5 | 50.0 |
| Naphthalene | 0.985 | 0.969 | | -1.6 | 50.0 |
| 2-Methylnaphthalene | 0.599 | 0.584 | | -2.5 | 50.0 |
| 2-Fluorobiphenyl | 1.462 | 1.438 | | -1.7 | 50.0 |
| Acenaphthylene | 1.935 | 1.893 | | -2.2 | 50.0 |
| Acenaphthene | 1.144 | 1.148 | | 0.3 | 50.0 |
| Fluorene | 1.274 | 1.254 | | -1.6 | 50.0 |
| 2,4,6-Tribromophenol | 0.207 | 0.204 | | -1.4 | 50.0 |
| Phenanthrene | 1.062 | 1.037 | | -2.4 | 50.0 |
| Anthracene | 1.083 | 1.044 | | -3.6 | 50.0 |
| Fluoranthene | 0.975 | 0.987 | | 1.2 | 50.0 |
| Pyrene | 1.707 | 1.606 | | -5.9 | 50.0 |
| Terphenyl-d14 | 1.344 | 1.260 | | -6.3 | 50.0 |
| Benzo(a)anthracene | 1.339 | 1.334 | | -0.4 | 50.0 |
| Chrysene | 1.204 | 1.132 | | -6.0 | 50.0 |
| Benzo(b)fluoranthene | 1.222 | 1.276 | | 4.4 | 50.0 |
| Benzo(k)fluoranthene | 1.090 | 1.000 | | -8.3 | 50.0 |
| Benzo(a)pyrene | 1.126 | 1.111 | | -1.3 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.410 | 1.398 | | -0.9 | 50.0 |
| Dibenzo(a,h)anthracene | 1.148 | 1.145 | | -0.3 | 50.0 |
| Benzo(g,h,i)perylene | 1.110 | 1.124 | | 1.3 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 121585 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 458358 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 235193 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 388311 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 239918 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 260552 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 575731 | 74.933 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 721856 | 74.643 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 746822 | 81.218 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 192118 | 79.071 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1352359 | 78.638 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1209203 | 75.002 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.799 | 88 | 134316 | 36.945 | ng | | 99 |
| 3) Pyridine | 3.575 | 79 | 348536 | 36.936 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.516 | 42 | 184177 | 37.804 | ng | | 99 |
| 6) Aniline | 6.622 | 93 | 492671 | 36.553 | ng | | 98 |
| 8) 2-Chlorophenol | 6.751 | 128 | 308145 | 38.262 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 253502 | 34.958 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 409863 | 38.903 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 302736 | 37.530 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 334843 | 38.273 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 342417 | 38.864 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 322055 | 38.432 | ng | | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 285034 | 38.601 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 565509 | 37.792 | ng | | 100 |
| 17) 2-Methylphenol | 7.210 | 107 | 260645 | 38.491 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 122749 | 40.244 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 229690 | 37.020 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 314738 | 38.309 | ng | # | 77 |
| 22) Acetophenone | 7.369 | 105 | 414569 | 38.203 | ng | # | 99 |
| 24) Nitrobenzene | 7.539 | 77 | 341419 | 39.826 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 625867 | 38.556 | ng | | 98 |
| 26) 2-Nitrophenol | 7.857 | 139 | 168496 | 45.287 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 294696 | 38.857 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 375135 | 38.544 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 254354 | 39.769 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 272980 | 39.506 | ng | | 100 |
| 31) Naphthalene | 8.269 | 128 | 888648 | 39.367 | ng | | 99 |
| 32) Benzoic acid | 7.992 | 122 | 179361 | 42.633 | ng | | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 347284 | 37.678 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 169752 | 40.216 | ng | | 99 |
| 35) Caprolactam | 8.669 | 113 | 79704 | 41.239 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 273054 | 39.279 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 535718 | 39.000 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 558905 | 39.512 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 271052 | 39.918 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 186455 | 42.201 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 185114 | 39.390 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

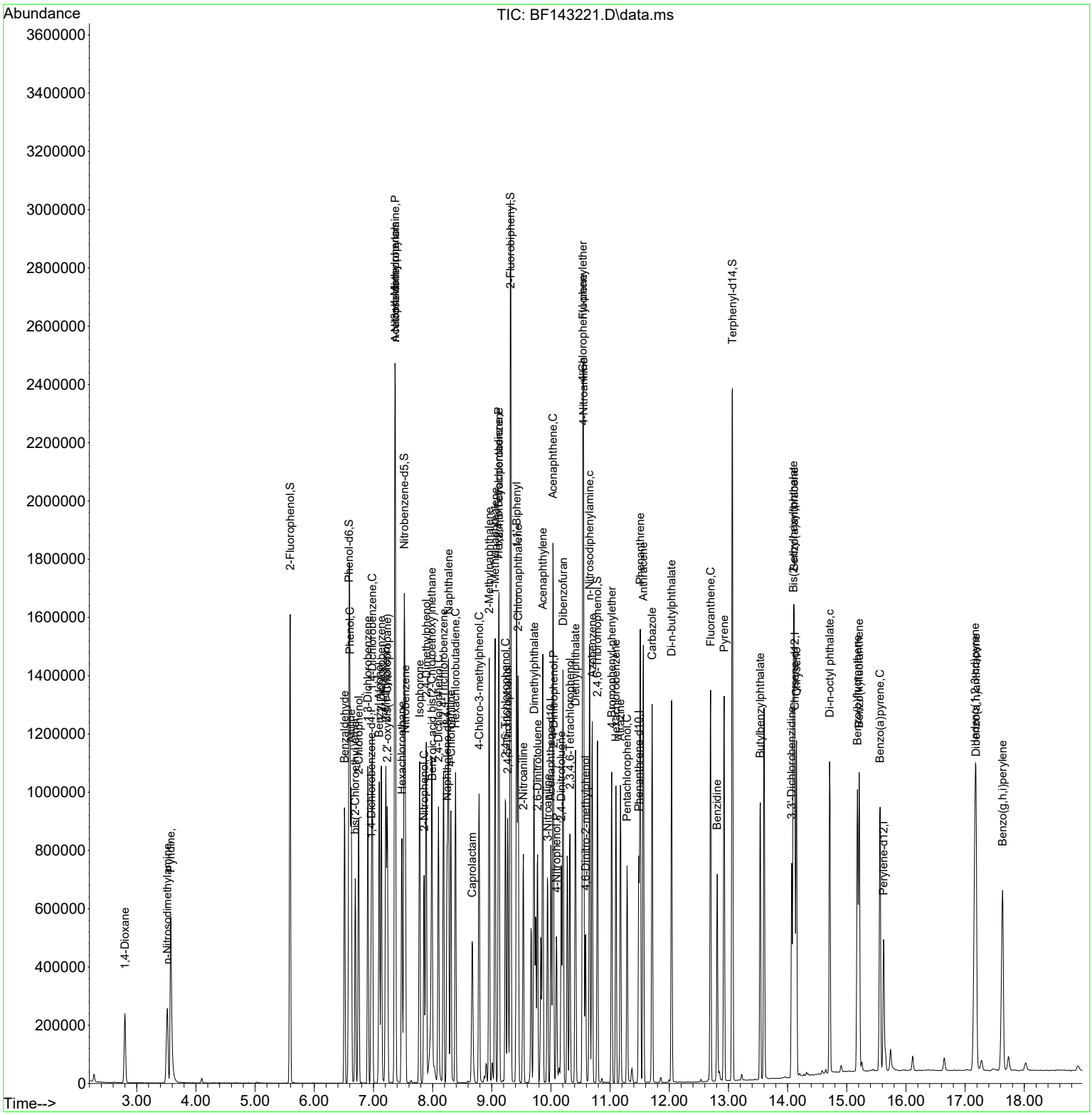
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 192146 | 40.875 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 732610 | 39.925 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 537315 | 39.574 | ng | | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 181690 | 42.672 | ng | | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 890386 | 39.131 | ng | | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 617764 | 40.296 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 135289 | 43.380 | ng | | 97 |
| 52) Acenaphthene | 10.033 | 154 | 539986 | 40.152 | ng | | 99 |
| 53) 3-Nitroaniline | 9.945 | 138 | 147684 | 40.486 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 63769 | 48.021 | ng | # | 52 |
| 55) Dibenzofuran | 10.204 | 168 | 781320 | 39.131 | ng | | 99 |
| 56) 4-Nitrophenol | 10.092 | 139 | 111895 | 41.078 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 177032 | 45.245 | ng | | 95 |
| 58) Fluorene | 10.545 | 166 | 590047 | 39.375 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 145668 | 37.408 | ng | | 99 |
| 60) Diethylphthalate | 10.416 | 149 | 611236 | 40.338 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 296476 | 39.732 | ng | | 99 |
| 62) 4-Nitroaniline | 10.551 | 138 | 130501 | 41.742 | ng | | 99 |
| 63) Azobenzene | 10.698 | 77 | 623709 | 39.494 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 91197 | 45.161 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 521954 | 38.172 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 179887 | 38.872 | ng | | 99 |
| 68) Hexachlorobenzene | 11.098 | 284 | 188132 | 38.896 | ng | | 99 |
| 69) Atrazine | 11.175 | 200 | 160879 | 42.677 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 115781 | 40.704 | ng | | 98 |
| 71) Phenanthrene | 11.510 | 178 | 805603 | 39.073 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 810907 | 38.563 | ng | | 99 |
| 73) Carbazole | 11.710 | 167 | 721548 | 39.296 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 896871 | 43.168 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 766728 | 40.515 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 375180 | 40.589 | ng | | 99 |
| 78) Pyrene | 12.927 | 202 | 770682 | 37.639 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 310396 | 49.505 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 639877 | 39.837 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 212028 | 39.606 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 543320 | 37.622 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 424006 | 44.678 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 701660 | 40.789 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 728424 | 39.648 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 664764 | 41.763 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.210 | 252 | 520903 | 36.673 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 579199 | 39.494 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 596645 | 39.899 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.633 | 276 | 585525 | 40.478 | ng | | 98 |

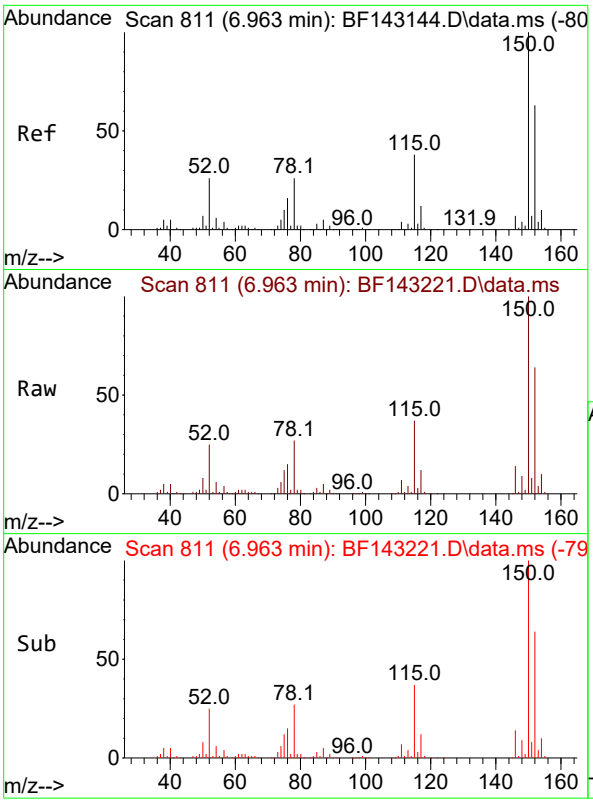
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



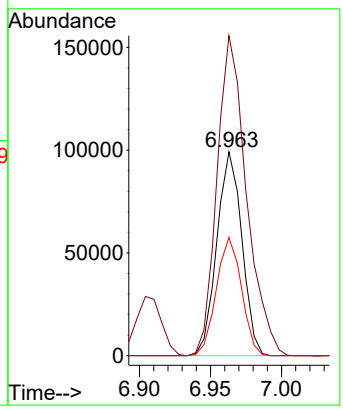


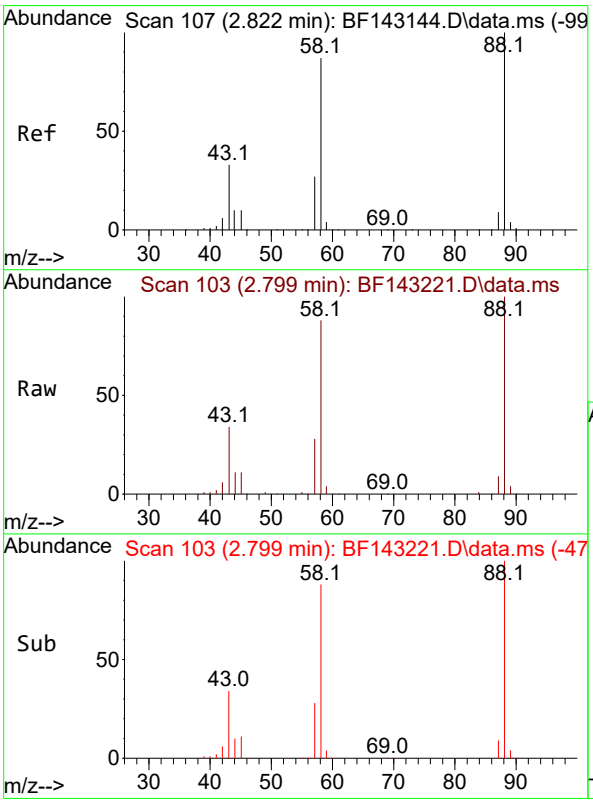

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 121585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 128.2 | 192.4 |
| 115 | 58.0 | 47.9 | 71.9 |

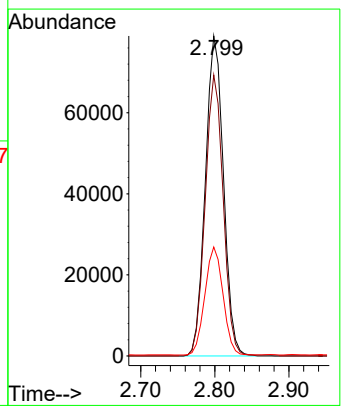


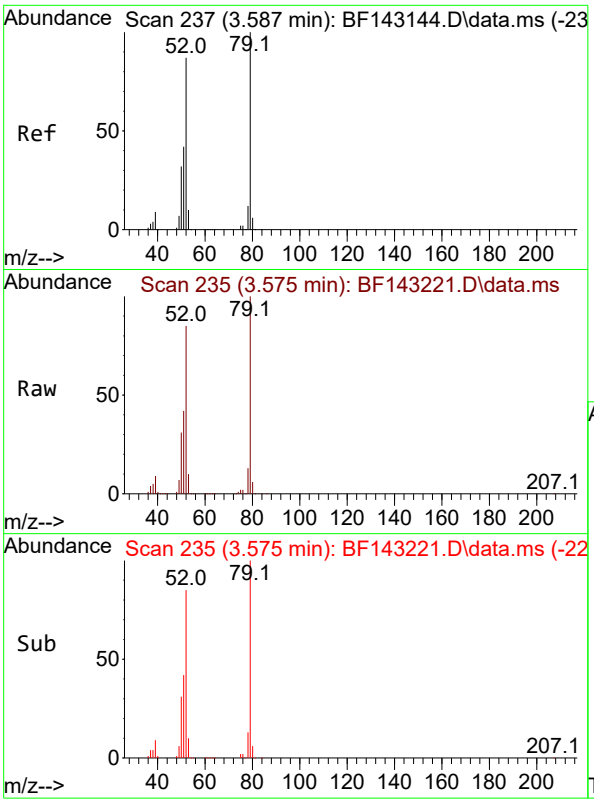




#2
1,4-Dioxane
Concen: 36.945 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.024 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 88 Resp: 134316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.1 | 70.2 | 105.2 |
| 43 | 33.7 | 27.1 | 40.7 |



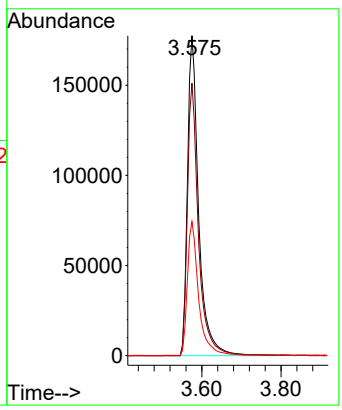


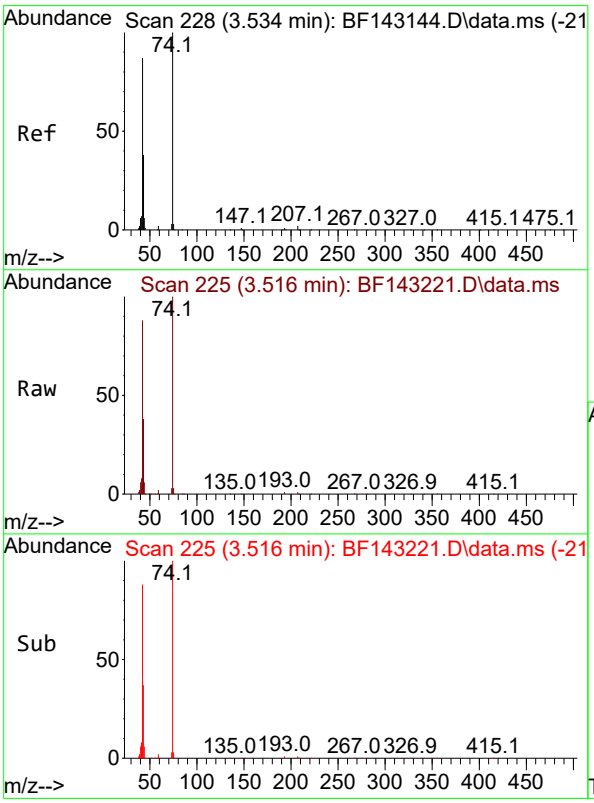

#3
Pyridine
Concen: 36.936 ng
RT: 3.575 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 348536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.1 | 69.4 | 104.2 |
| 51 | 41.9 | 33.5 | 50.3 |

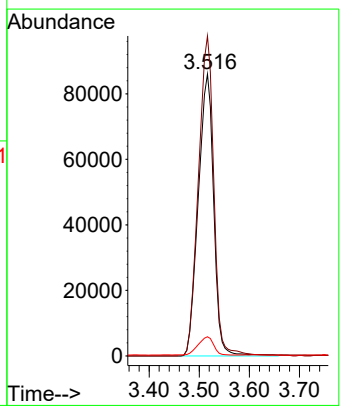


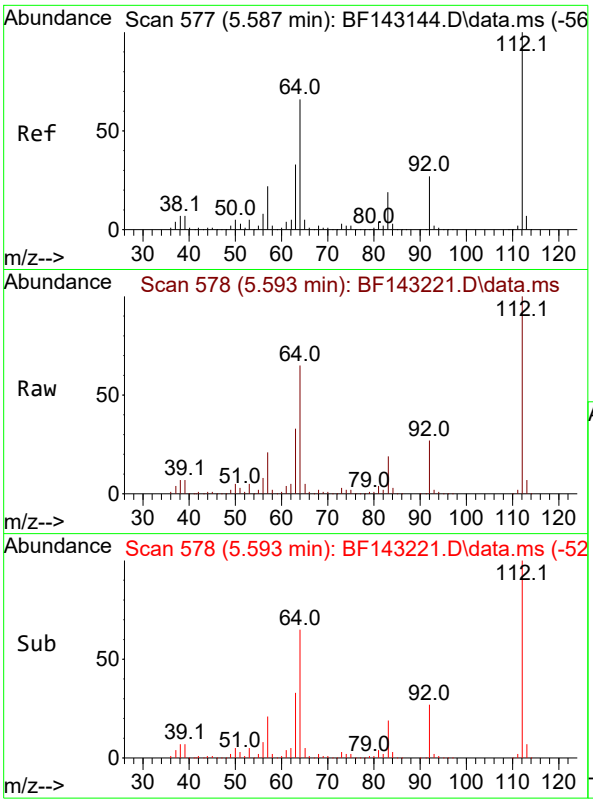




#4
n-Nitrosodimethylamine
Concen: 37.804 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 42 Resp: 184177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.5 | 91.7 | 137.5 |
| 44 | 6.8 | 5.6 | 8.4 |



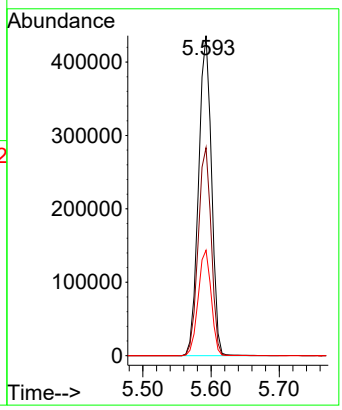


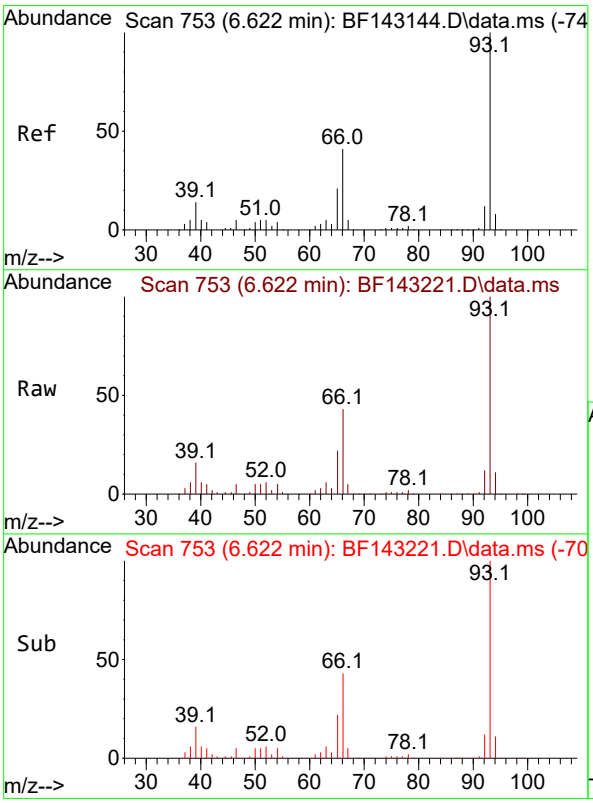

#5
2-Fluorophenol
Concen: 74.933 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 575731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.0 | 53.1 | 79.7 |
| 63 | 32.9 | 26.6 | 40.0 |

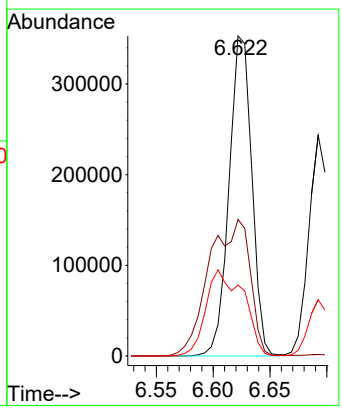


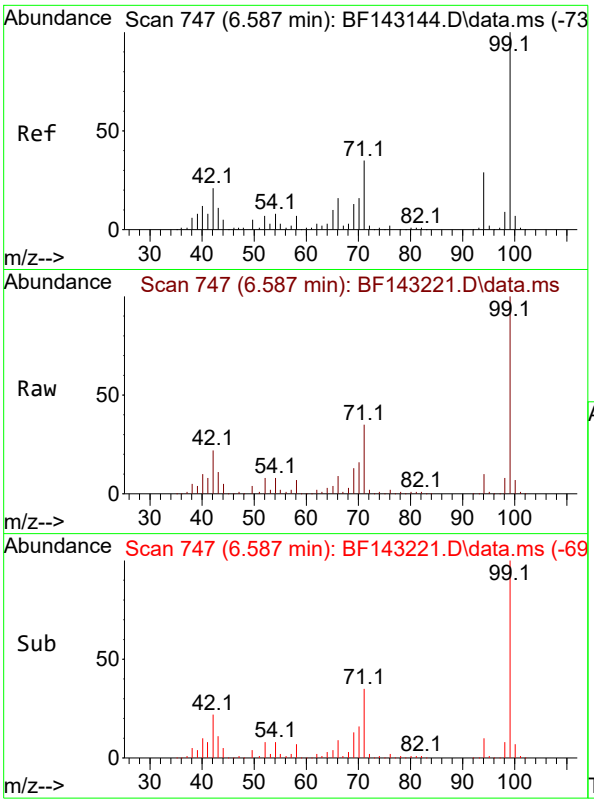




#6
Aniline
Concen: 36.553 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 492671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.6 | 33.2 | 49.8 |
| 65 | 22.1 | 16.9 | 25.3 |



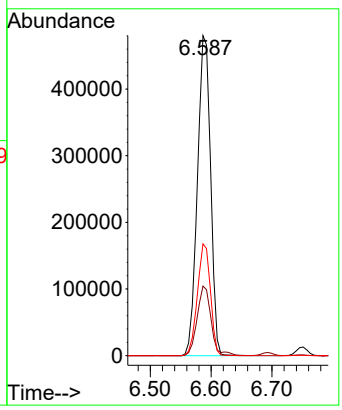


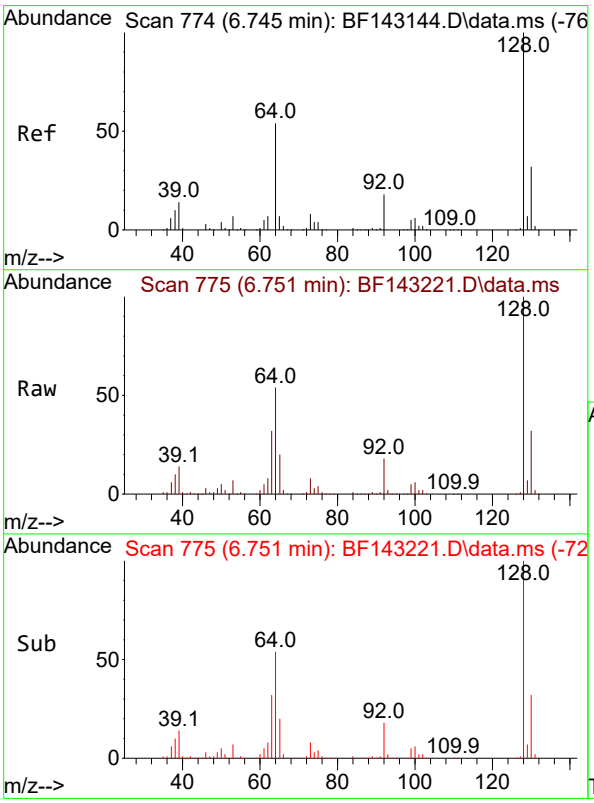

#7
Phenol-d6
Concen: 74.643 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 721856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.7 | 17.0 | 25.6 |
| 71 | 34.9 | 27.7 | 41.5 |

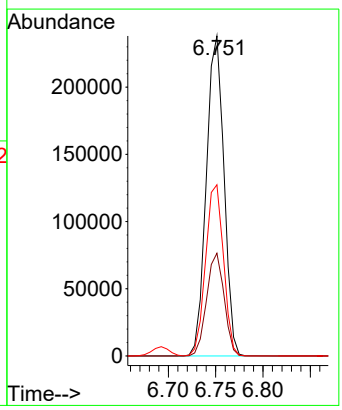


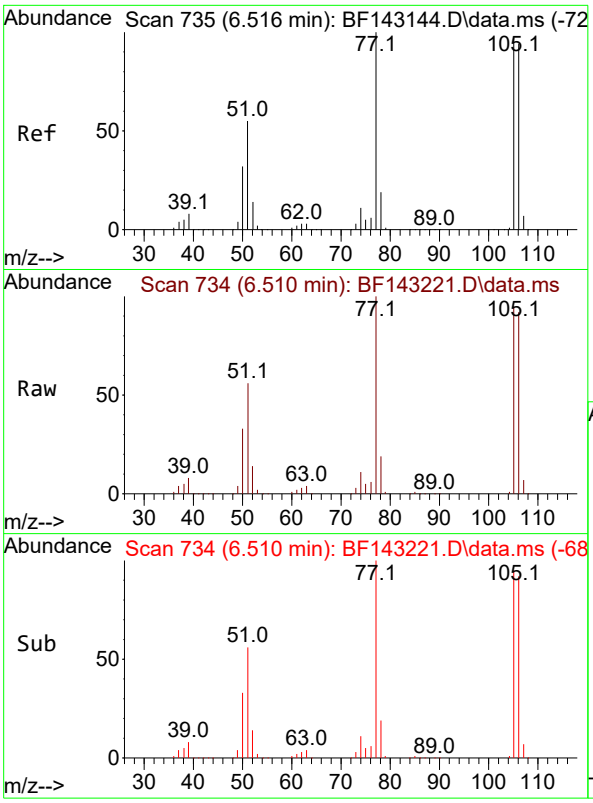




#8
2-Chlorophenol
Concen: 38.262 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:128 Resp: 308145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.3 | 52.3 |
| 64 | 53.5 | 35.9 | 75.9 |



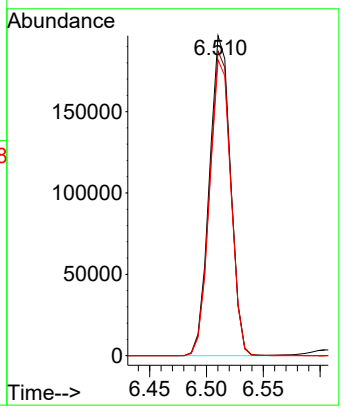


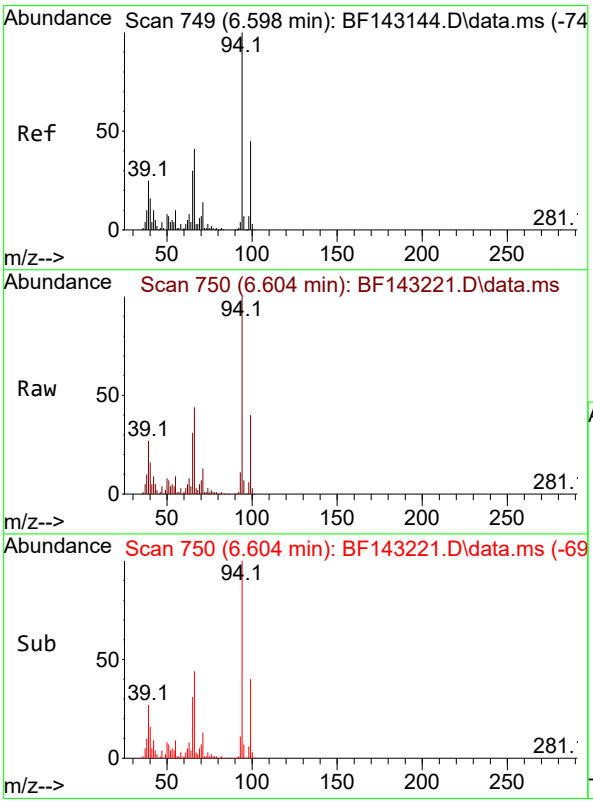

#9
Benzaldehyde
Concen: 34.958 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 253502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.2 | 76.8 | 116.8 |
| 106 | 92.4 | 74.4 | 114.4 |

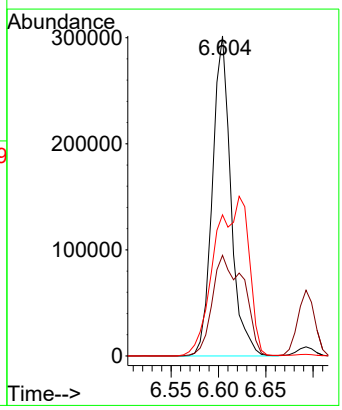


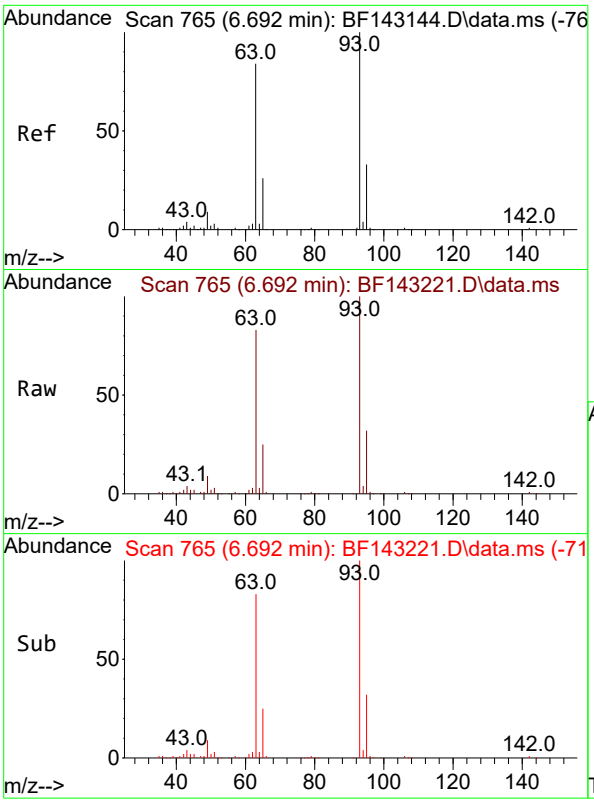




#10
Phenol
Concen: 38.903 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 94 Resp: 409863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.5 | 10.0 | 50.0 |
| 66 | 44.1 | 20.8 | 60.8 |



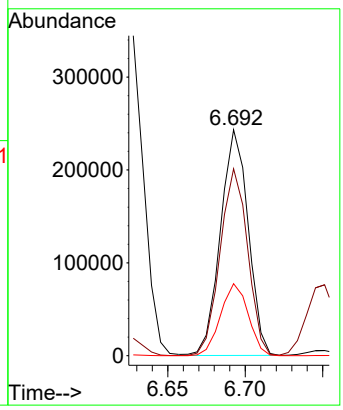


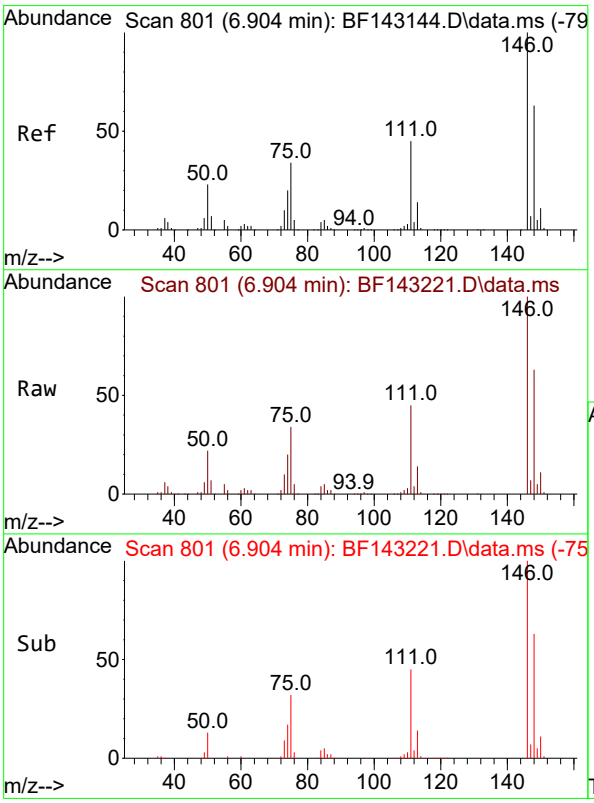

#11
bis(2-Chloroethyl)ether
Concen: 37.530 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 302736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.7 | 63.4 | 103.4 |
| 95 | 31.9 | 12.4 | 52.4 |

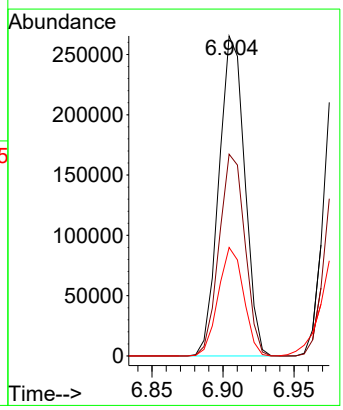


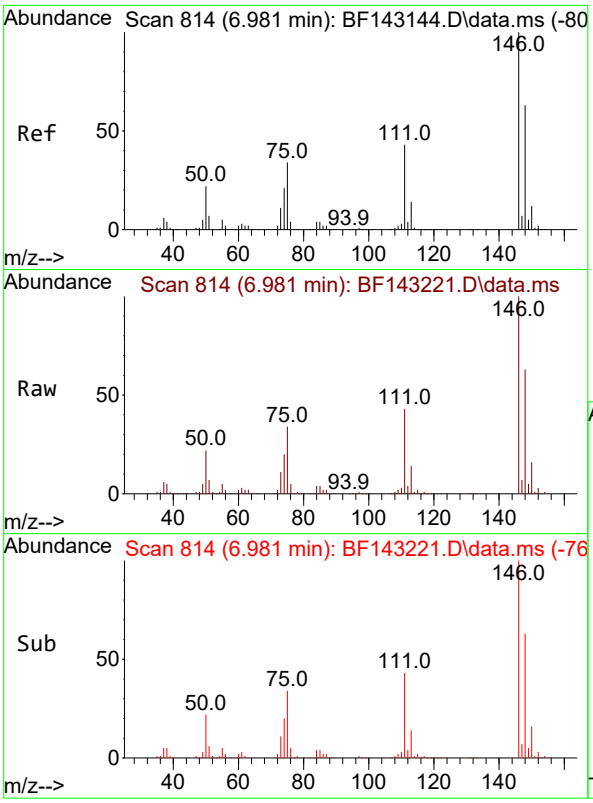




#12
1,3-Dichlorobenzene
Concen: 38.273 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 334843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 75 | 33.9 | 27.4 | 41.2 |



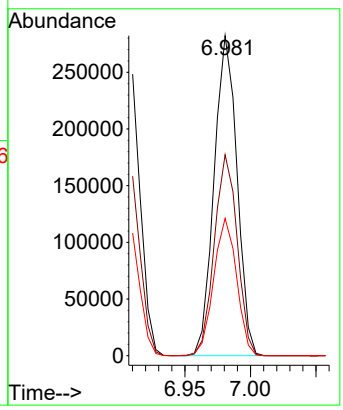


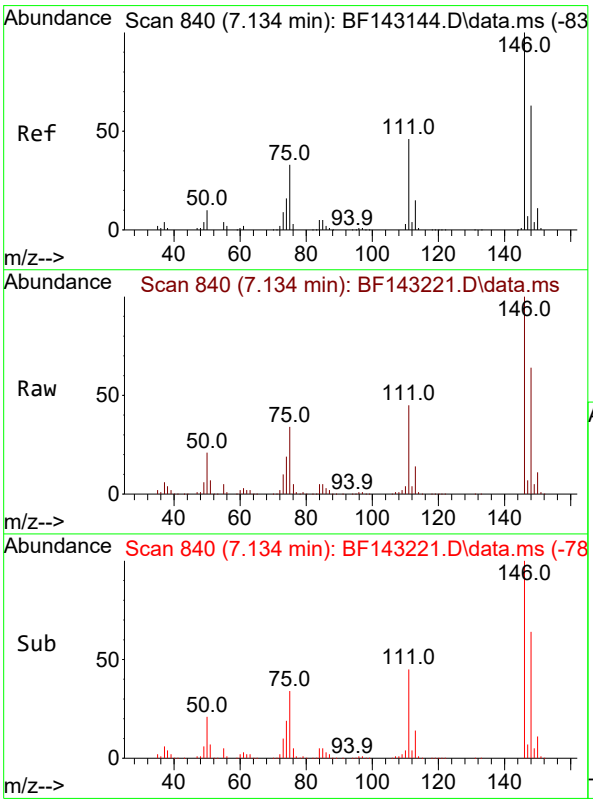

#13
1,4-Dichlorobenzene
Concen: 38.864 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 342417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.3 | 75.5 |
| 111 | 42.9 | 34.4 | 51.6 |

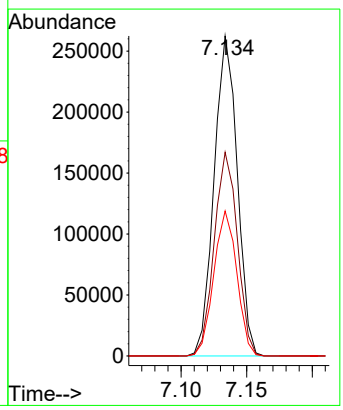


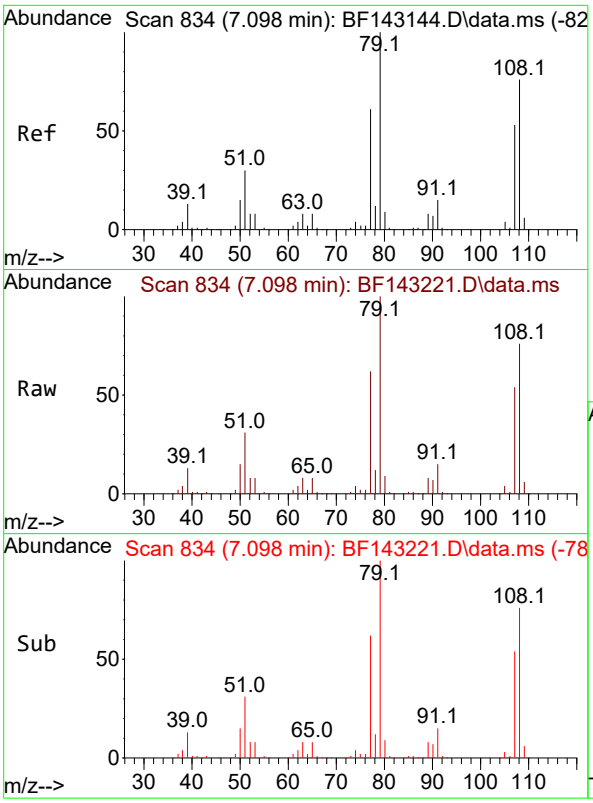




#14
1,2-Dichlorobenzene
Concen: 38.432 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 322055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.7 | 76.1 |
| 111 | 45.3 | 36.6 | 54.8 |



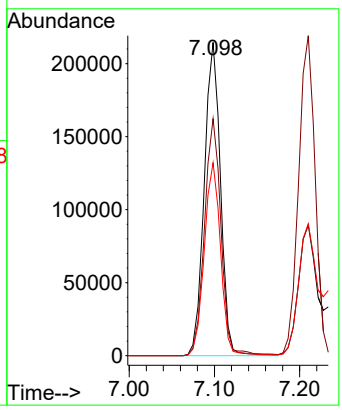


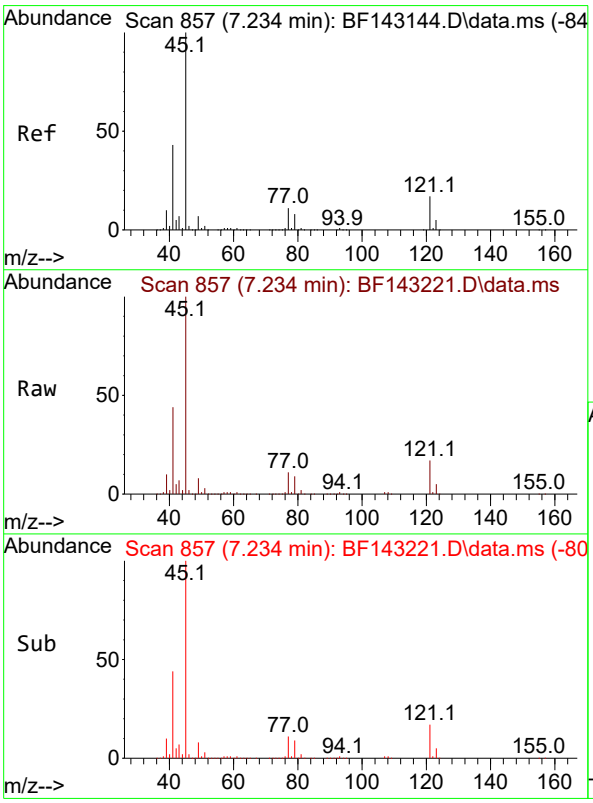

#15
Benzyl Alcohol
Concen: 38.601 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 285034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.6 | 61.1 | 91.7 |
| 77 | 61.6 | 48.9 | 73.3 |

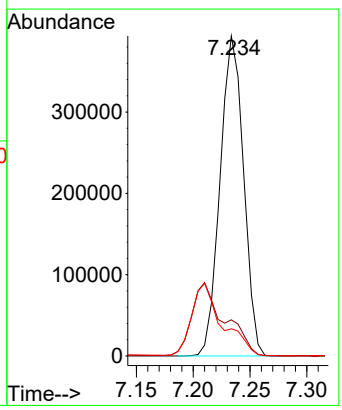


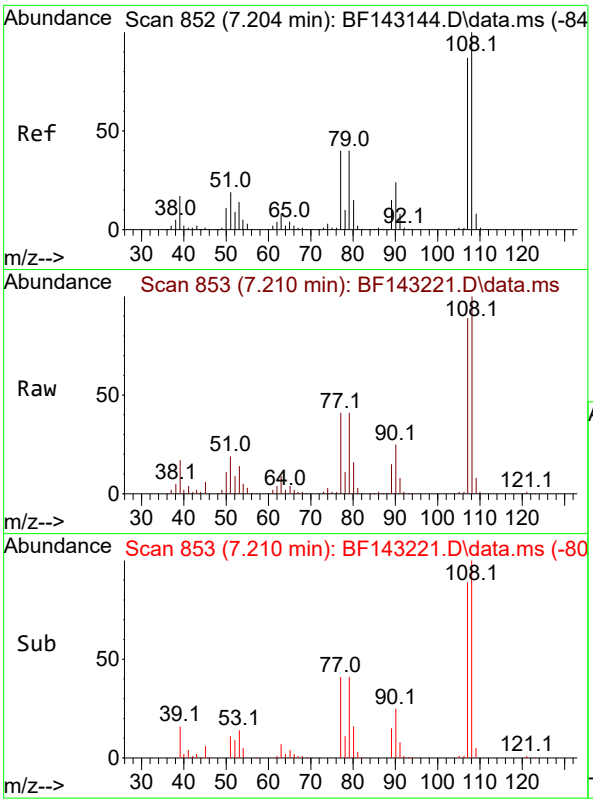




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.792 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 45 Resp: 565509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.3 | 0.0 | 31.2 |
| 79 | 8.5 | 0.0 | 28.5 |



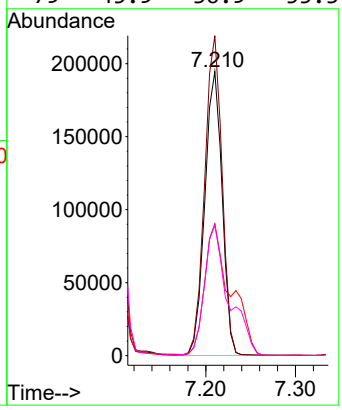


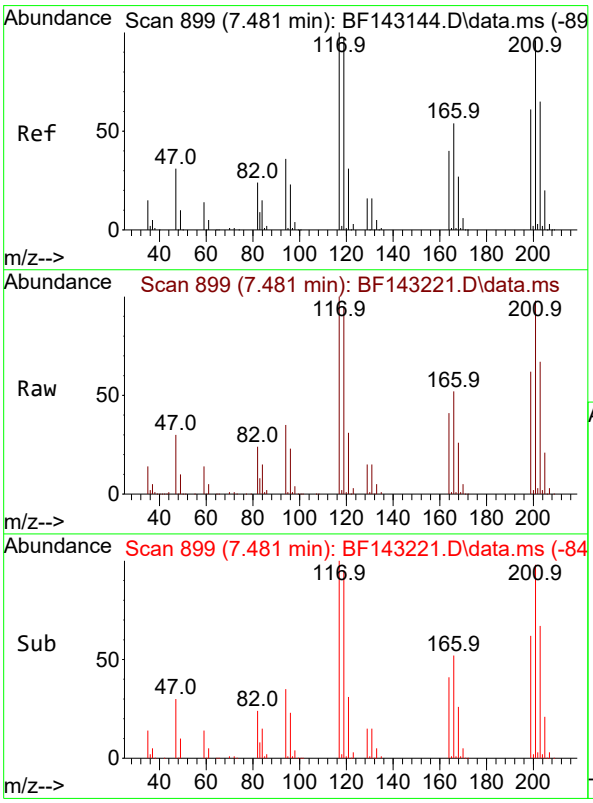

#17
2-Methylphenol
Concen: 38.491 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 260645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 91.8 | 137.6 |
| 77 | 46.5 | 37.0 | 55.6 |
| 79 | 45.9 | 36.9 | 55.3 |

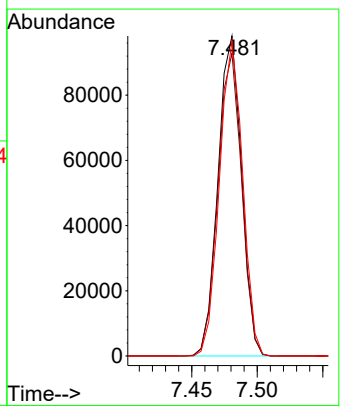


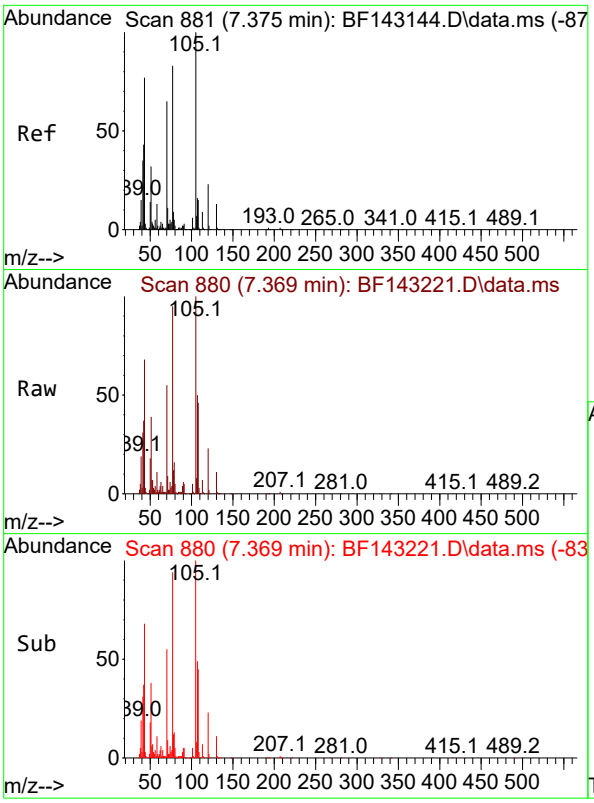




#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:117 Resp: 122749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.6 | 77.8 | 116.8 |
| 201 | 98.3 | 77.0 | 115.4 |



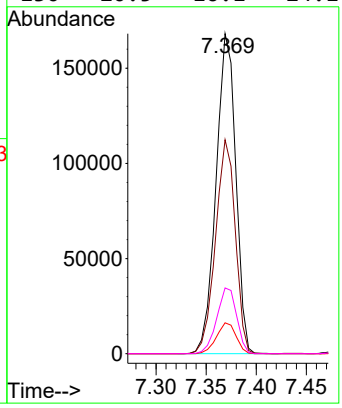


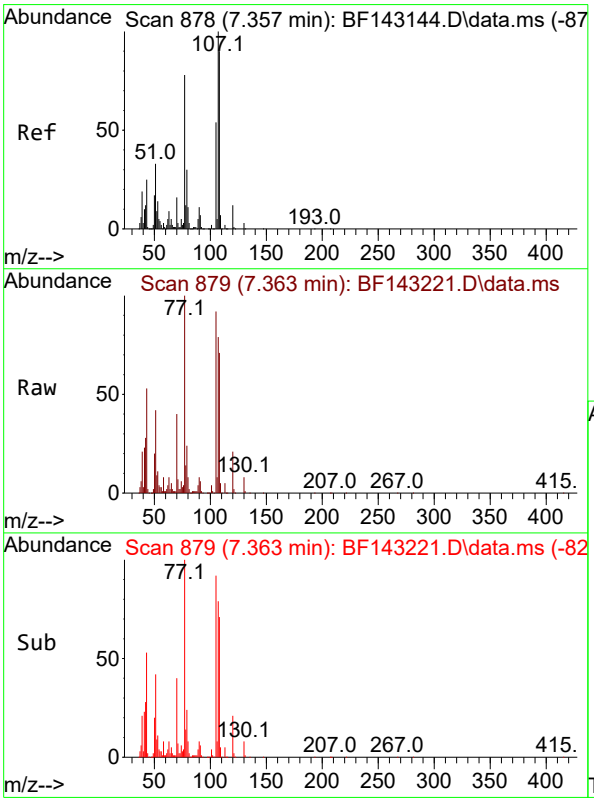

#19
n-Nitroso-di-n-propylamine
Concen: 37.020 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 229690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.8 | 52.5 | 78.7 |
| 101 | 9.6 | 7.6 | 11.4 |
| 130 | 20.5 | 16.1 | 24.1 |

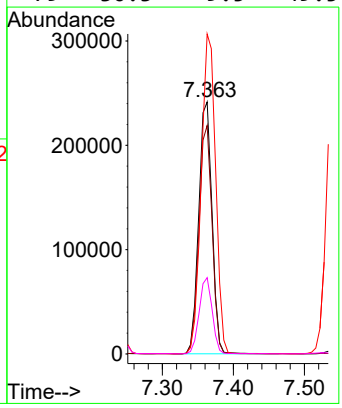


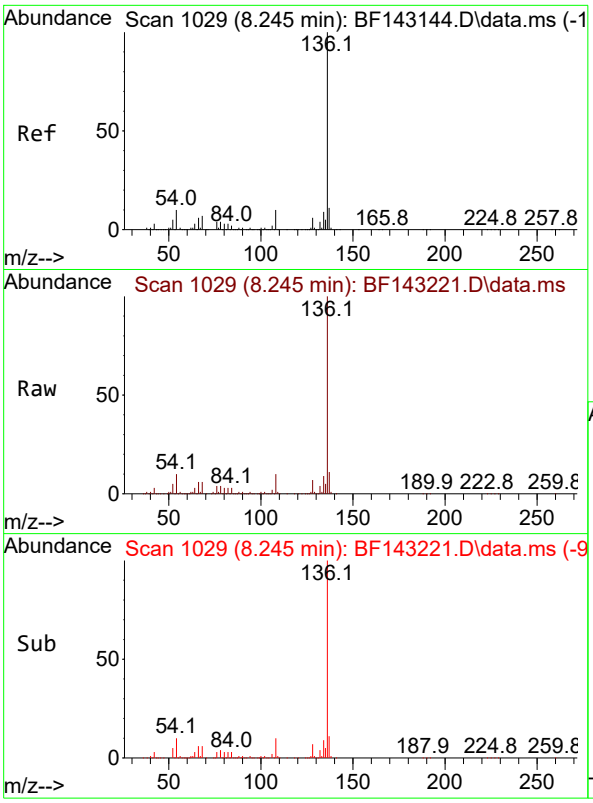




#20
3+4-Methylphenols
Concen: 38.309 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 314738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 70.0 | 110.0 |
| 77 | 127.0 | 57.8 | 97.8# |
| 79 | 30.3 | 9.5 | 49.5 |



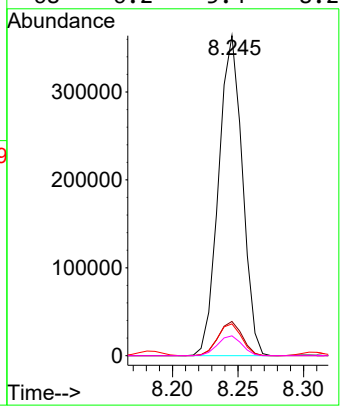


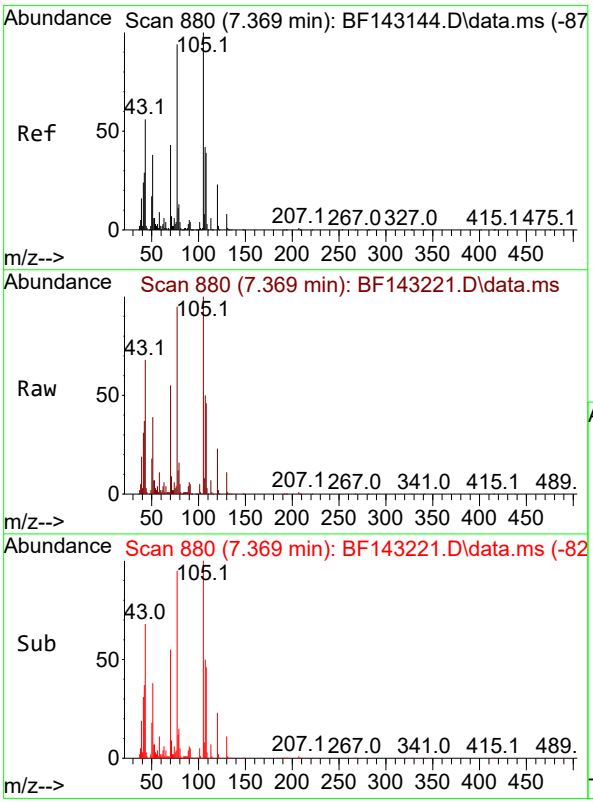

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 458358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 10.0 | 8.2 | 12.2 |
| 68 | 6.2 | 5.4 | 8.2 |

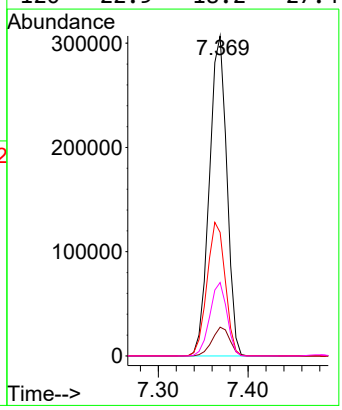


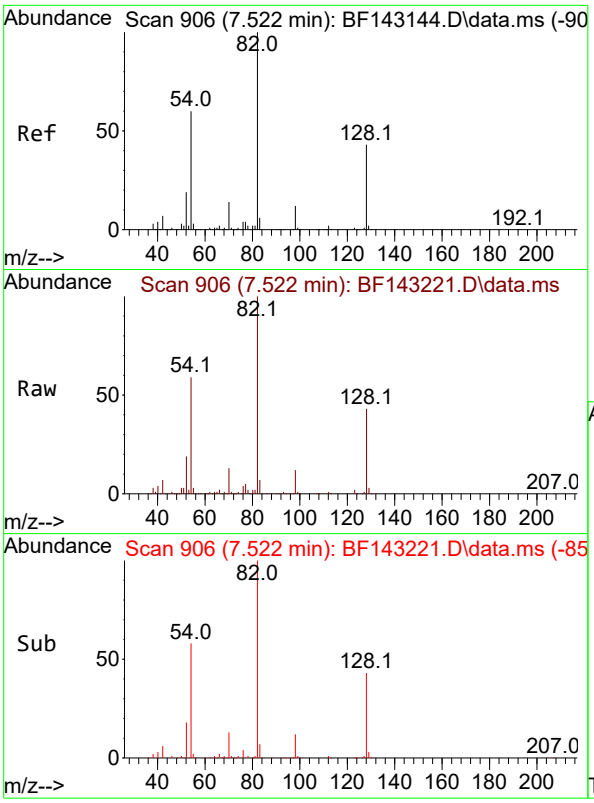




#22
Acetophenone
Concen: 38.203 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:105 Resp: 414569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.0 | 5.8 | 8.6# |
| 51 | 38.6 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |



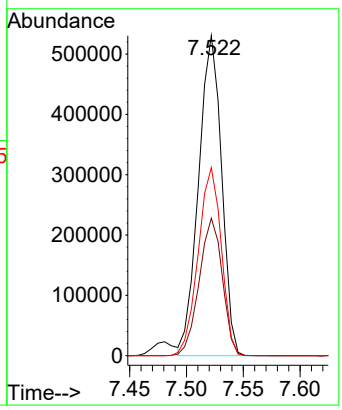


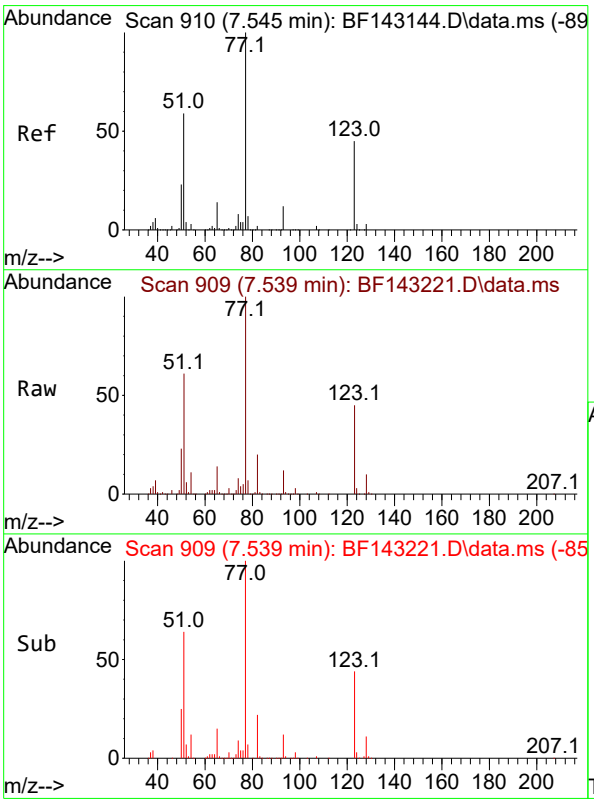

#23
Nitrobenzene-d5
Concen: 81.218 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 746822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 33.6 | 50.4 |
| 54 | 58.7 | 47.1 | 70.7 |

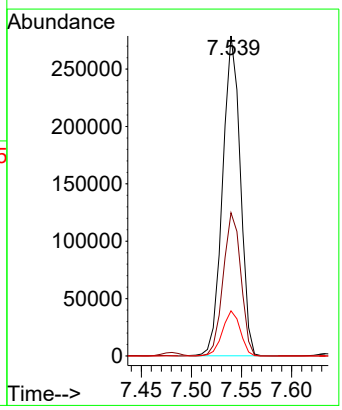


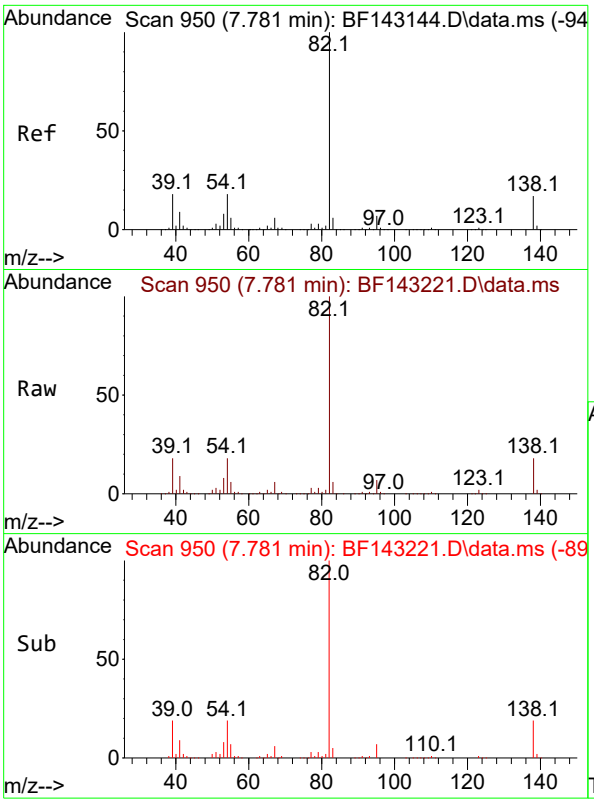




#24
Nitrobenzene
Concen: 39.826 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 77 Resp: 341419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.7 | 36.1 | 54.1 |
| 65 | 14.1 | 11.4 | 17.2 |



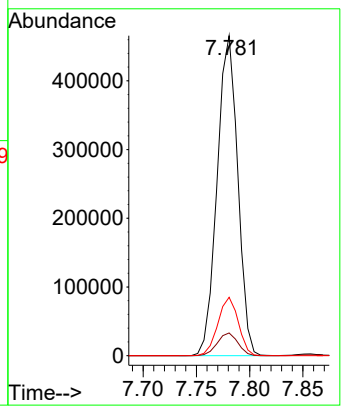


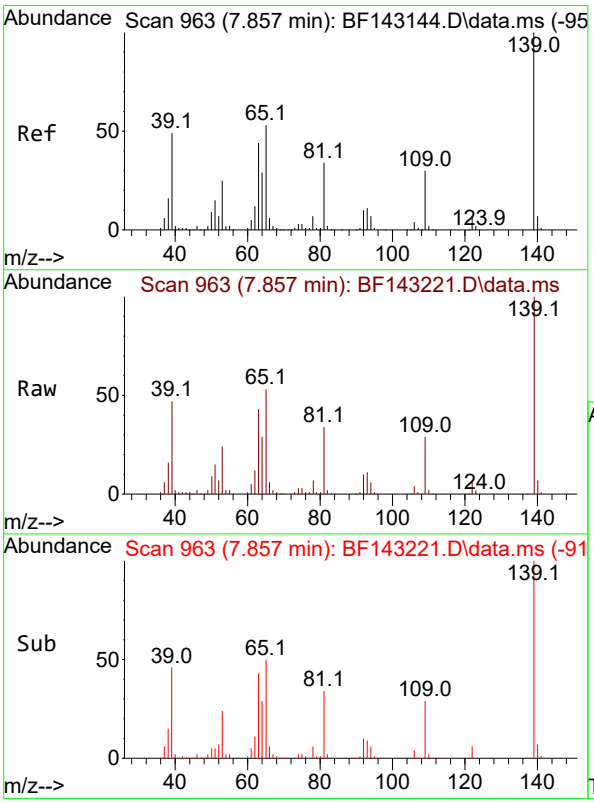

#25
Isophorone
Concen: 38.556 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 625867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 18.3 | 13.8 | 20.8 |

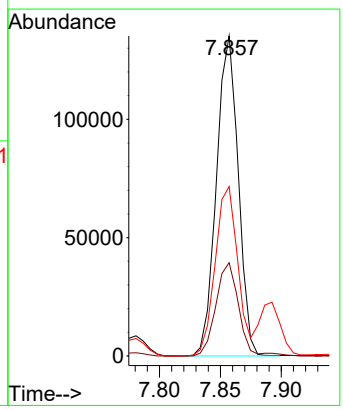


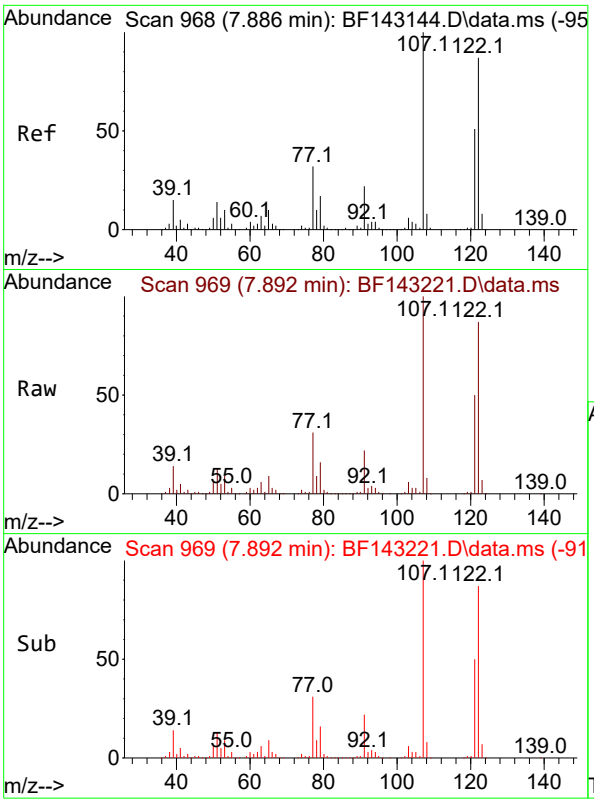




#26
2-Nitrophenol
Concen: 45.287 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 168496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.2 | 23.6 | 35.4 |
| 65 | 52.9 | 42.6 | 64.0 |



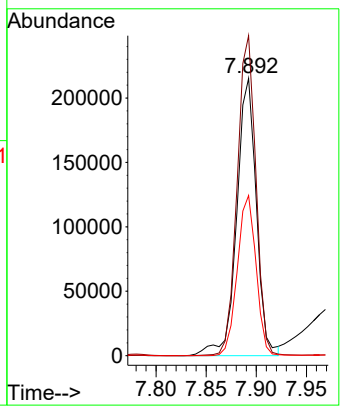


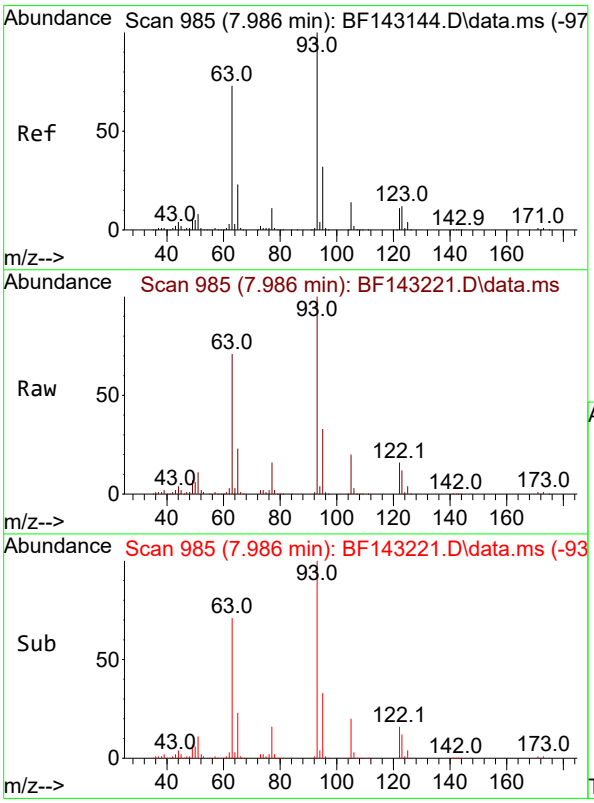

#27
2,4-Dimethylphenol
Concen: 38.857 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 294696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.4 | 91.8 | 137.6 |
| 121 | 57.8 | 46.3 | 69.5 |

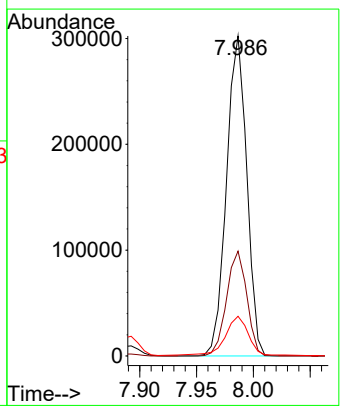


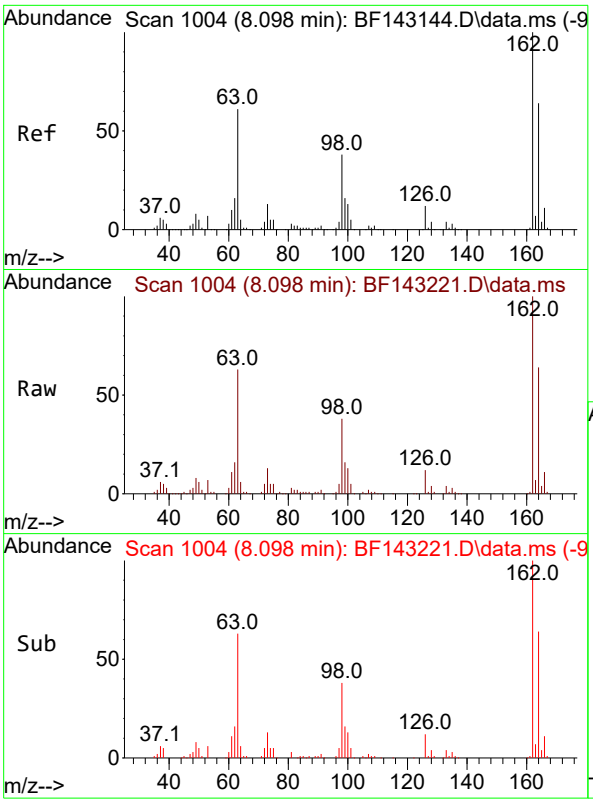




#28
bis(2-Chloroethoxy)methane
Concen: 38.544 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 375135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 25.8 | 38.6 |
| 123 | 12.4 | 9.7 | 14.5 |



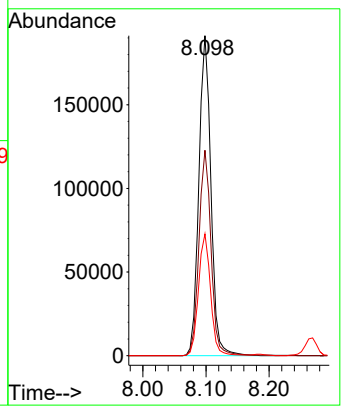


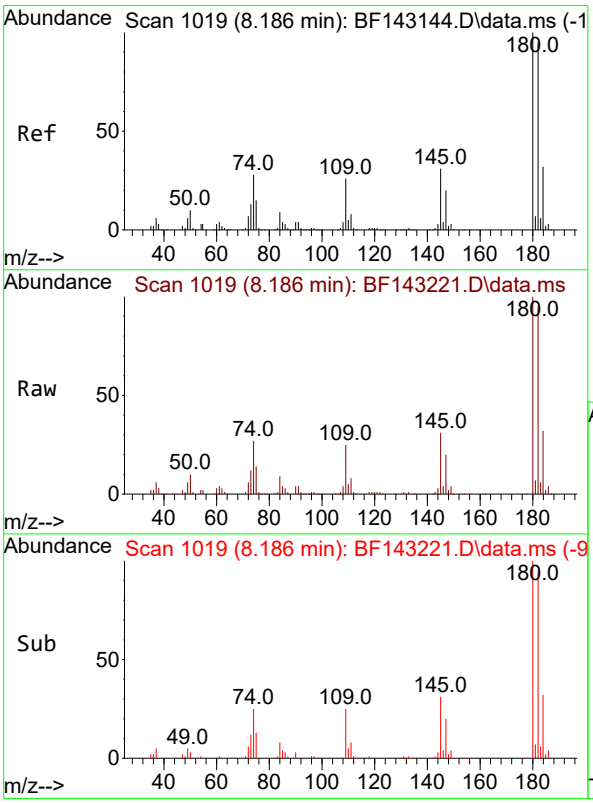

#29
2,4-Dichlorophenol
Concen: 39.769 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 254354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 38.0 | 17.9 | 57.9 |

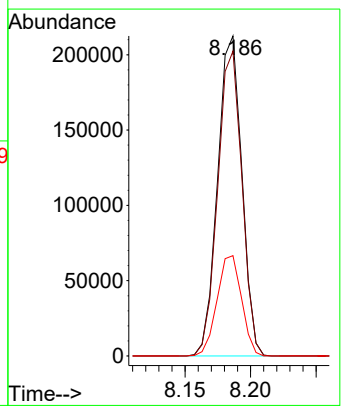


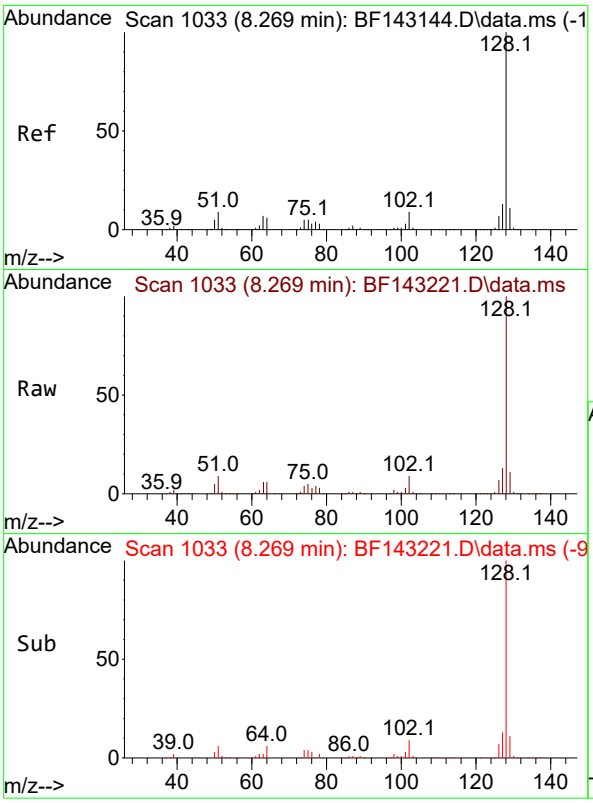




#30
1,2,4-Trichlorobenzene
Concen: 39.506 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:180 Resp: 272980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.2 | 114.2 |
| 145 | 31.4 | 25.0 | 37.6 |



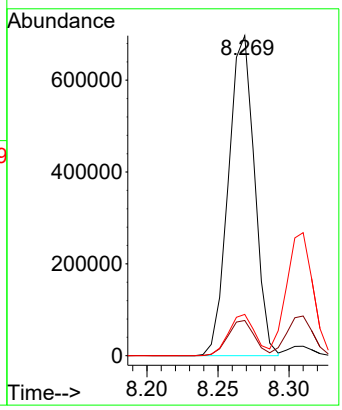


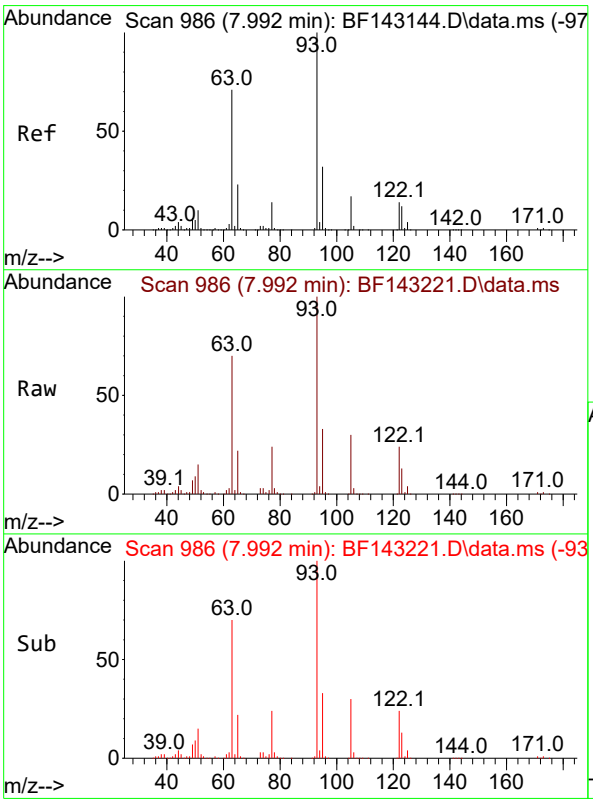

#31
Naphthalene
Concen: 39.367 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 888648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.9 | 10.6 | 16.0 |

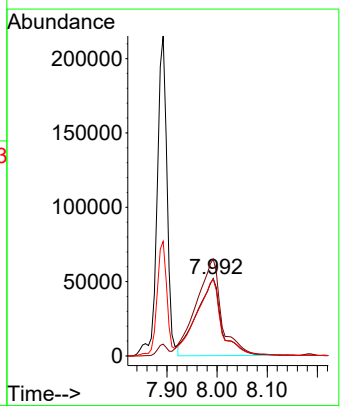


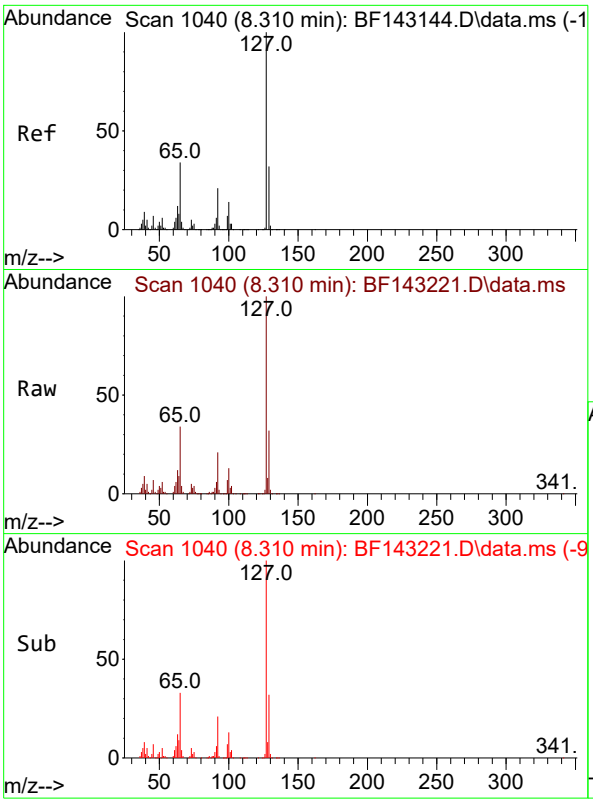




#32
Benzoic acid
Concen: 42.633 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:122 Resp: 179361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.2 | 104.8 | 144.8 |
| 77 | 99.2 | 77.6 | 117.6 |



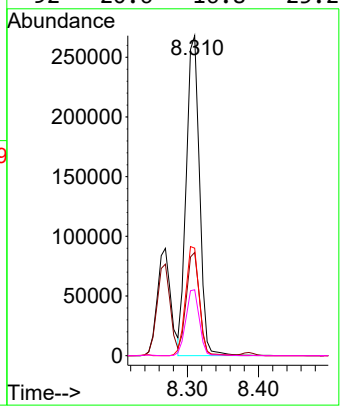


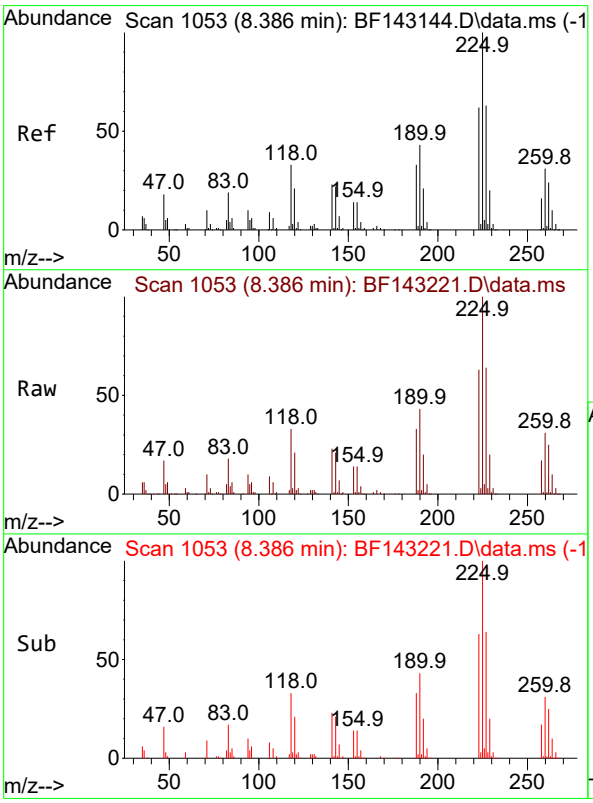

#33
4-Chloroaniline
Concen: 37.678 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 347284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.0 | 39.0 |
| 65 | 33.6 | 27.4 | 41.2 |
| 92 | 20.6 | 16.8 | 25.2 |

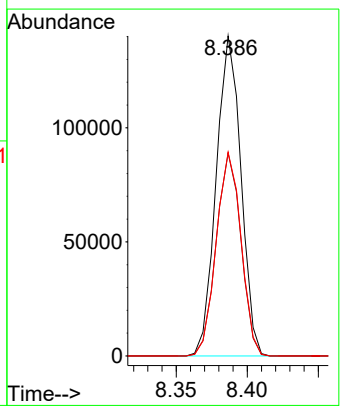


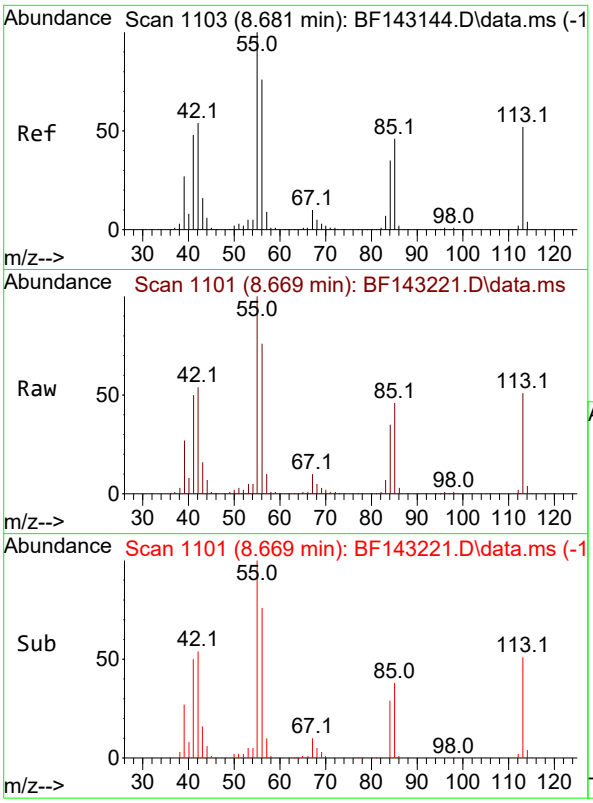




#34
Hexachlorobutadiene
Concen: 40.216 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:225 Resp: 169752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 49.8 | 74.6 |
| 227 | 63.6 | 50.2 | 75.4 |



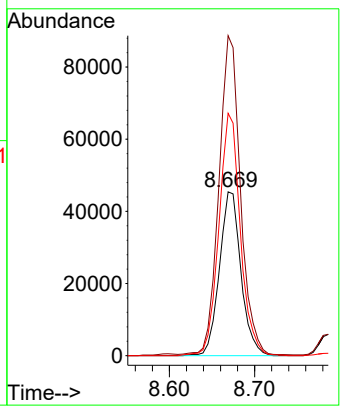


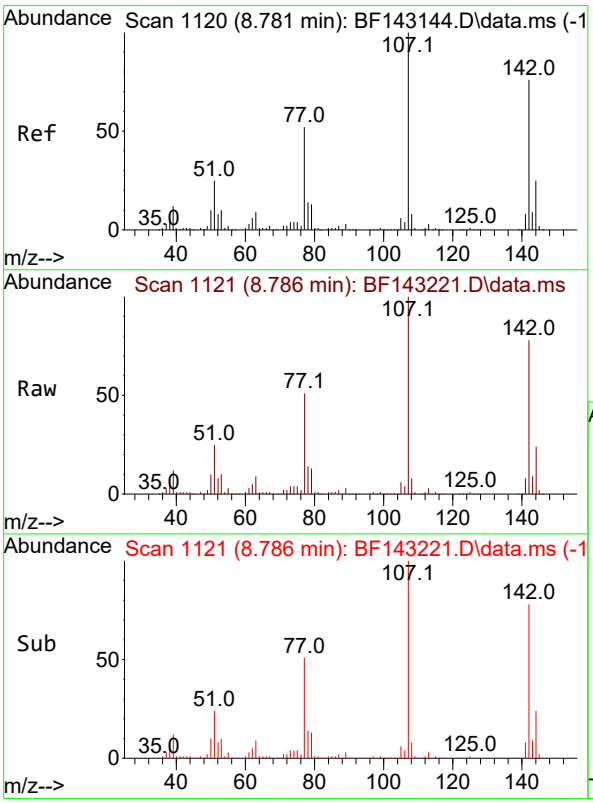

#35
Caprolactam
Concen: 41.239 ng
RT: 8.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 79704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.3 | 174.0 | 214.0 |
| 56 | 148.0 | 126.6 | 166.6 |

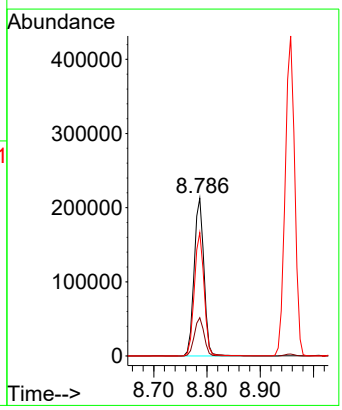


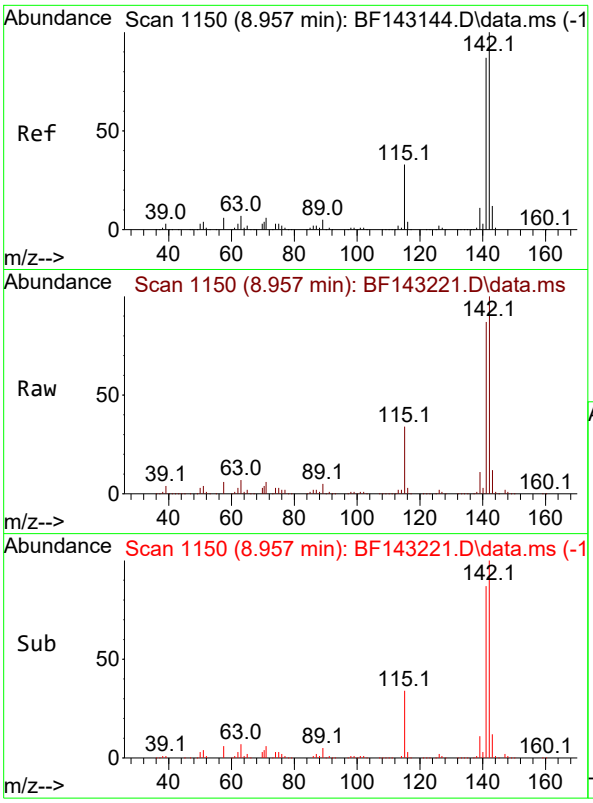




#36
4-Chloro-3-methylphenol
Concen: 39.279 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 273054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.3 | 19.8 | 29.6 |
| 142 | 78.2 | 60.6 | 90.8 |



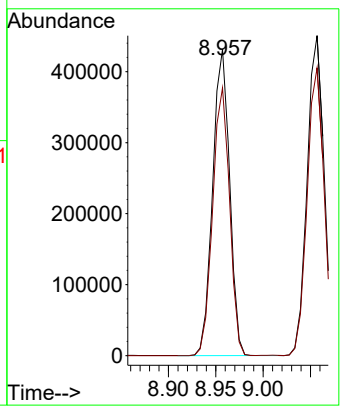


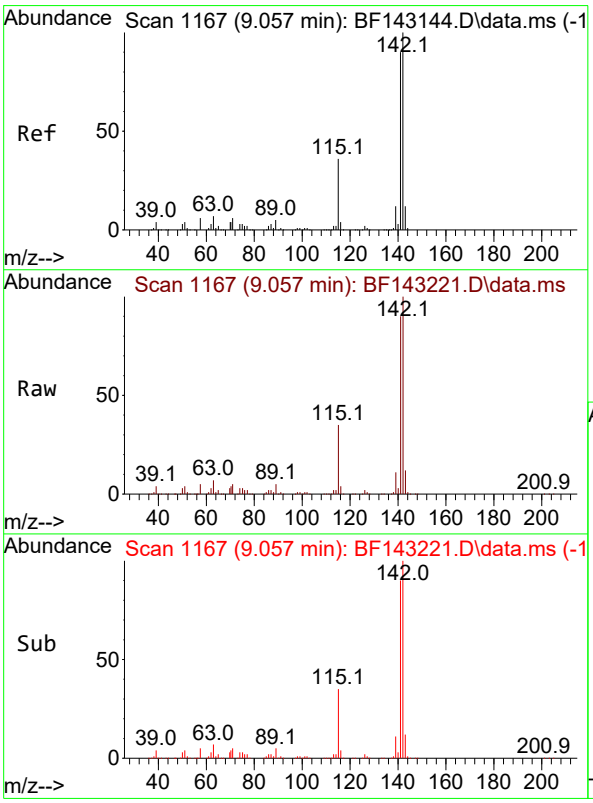

#37
2-Methylnaphthalene
Concen: 39.000 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 535718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 69.9 | 104.9 |

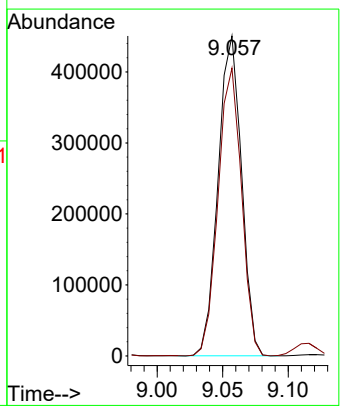


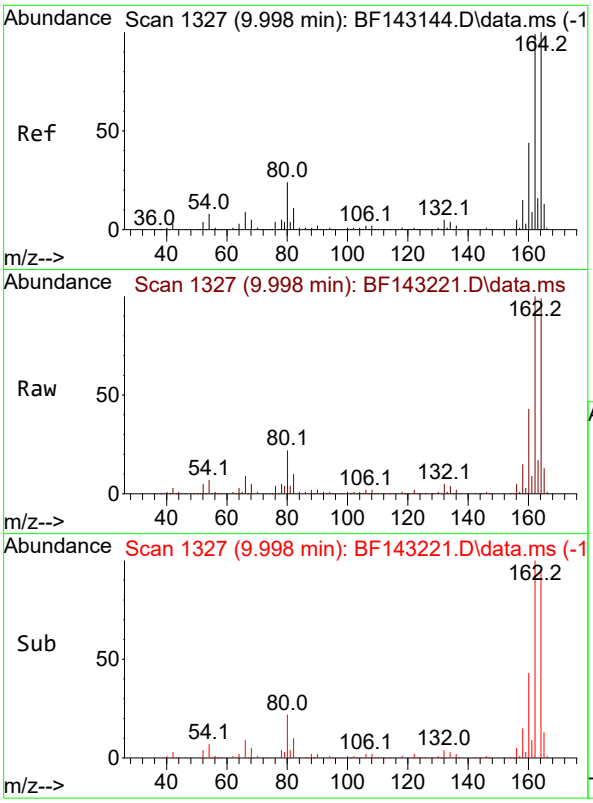




#38
1-Methylnaphthalene
Concen: 39.512 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:142 Resp: 558905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 72.3 | 108.5 |



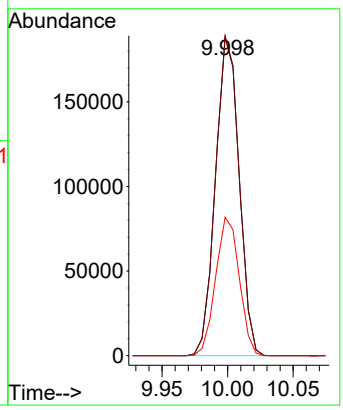


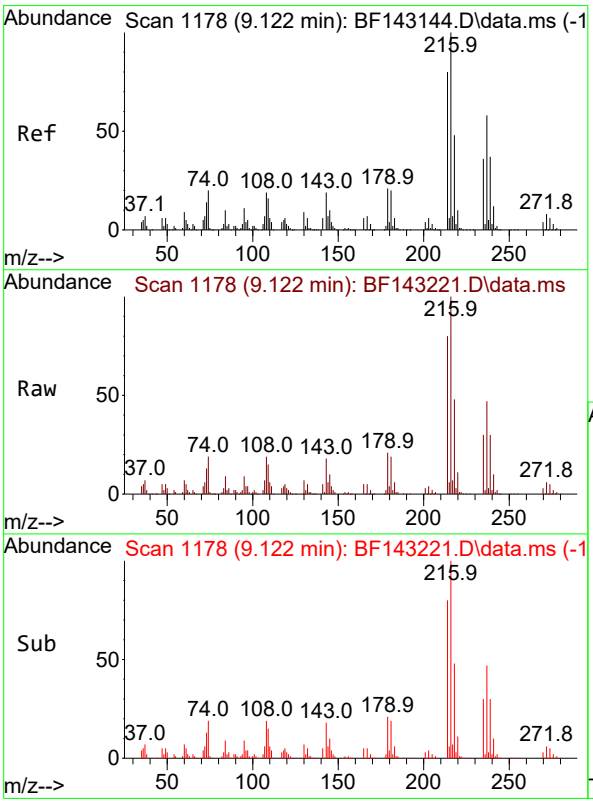

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:164 Resp: 235193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 79.0 | 118.6 |
| 160 | 43.5 | 35.1 | 52.7 |

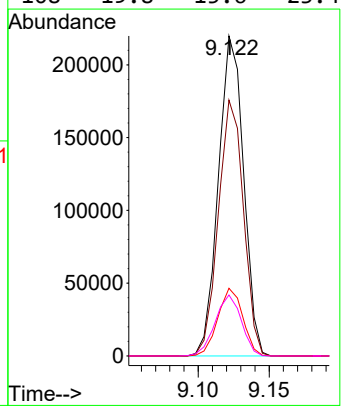


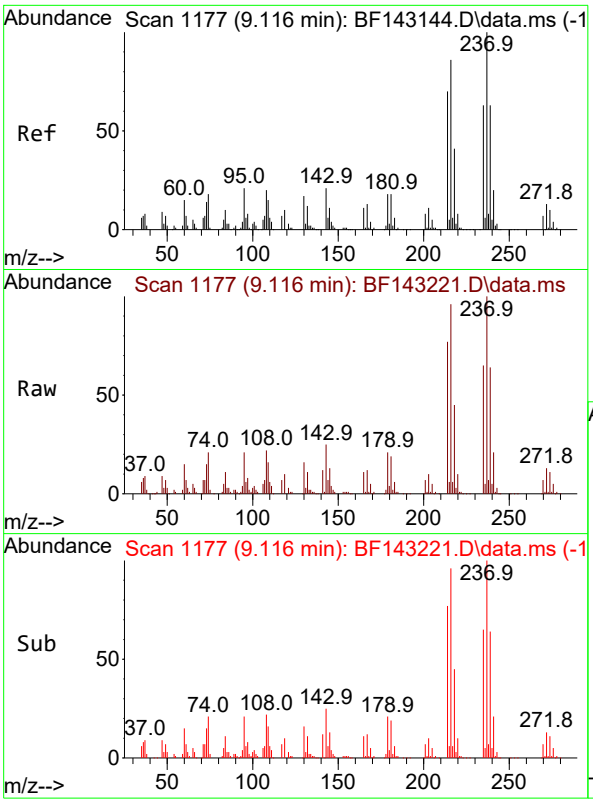




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.918 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:216 Resp: 271052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 63.8 | 95.8 |
| 179 | 21.0 | 16.4 | 24.6 |
| 108 | 19.8 | 15.6 | 23.4 |



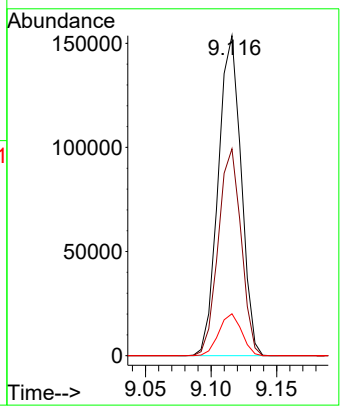


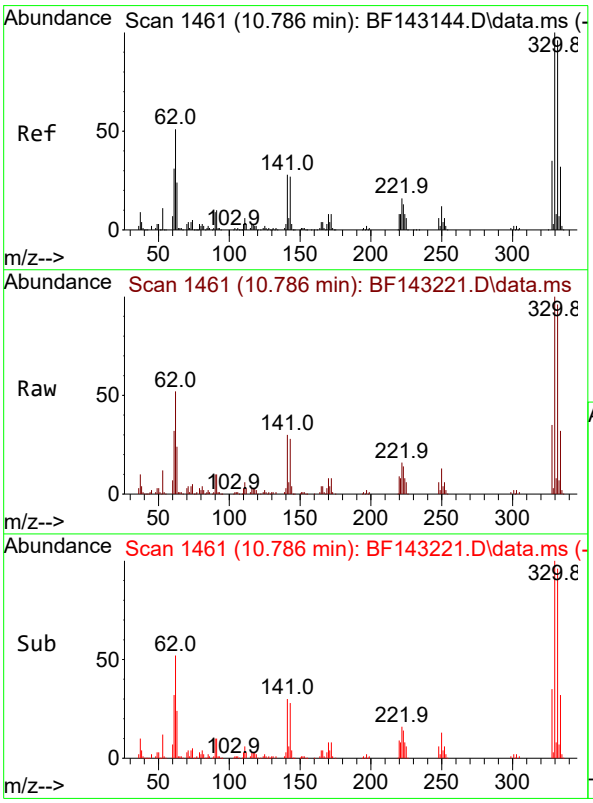

#41
Hexachlorocyclopentadiene
Concen: 42.201 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:237 Resp: 186455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.7 | 43.0 | 83.0 |
| 272 | 13.1 | 0.0 | 33.3 |

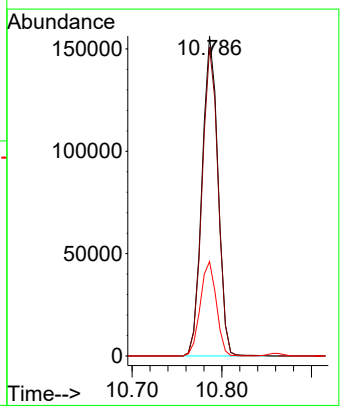


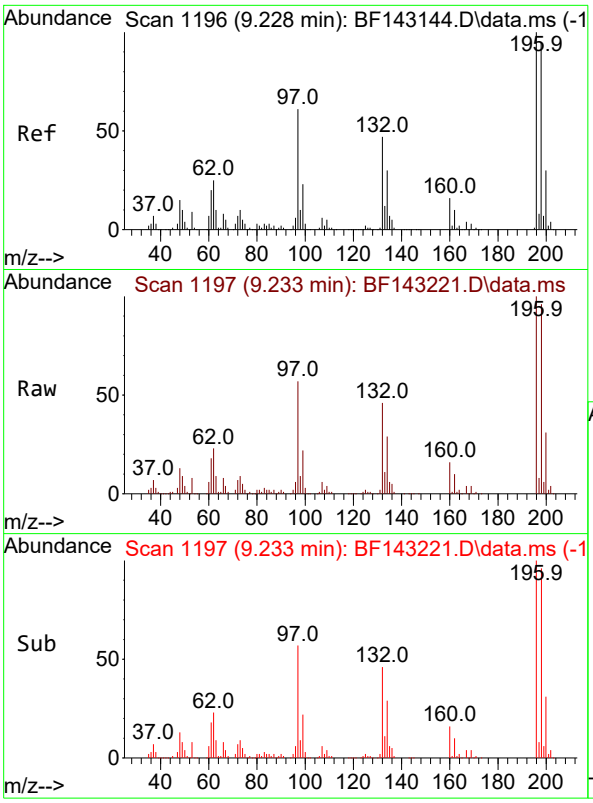




#42
2,4,6-Tribromophenol
Concen: 79.071 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:330 Resp: 192118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.7 | 115.1 |
| 141 | 29.7 | 23.3 | 34.9 |



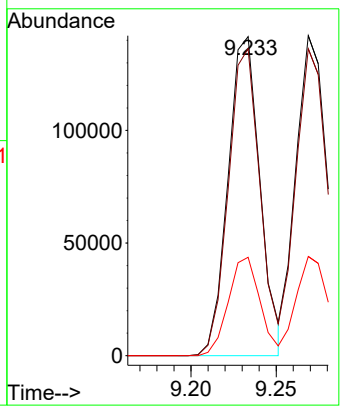


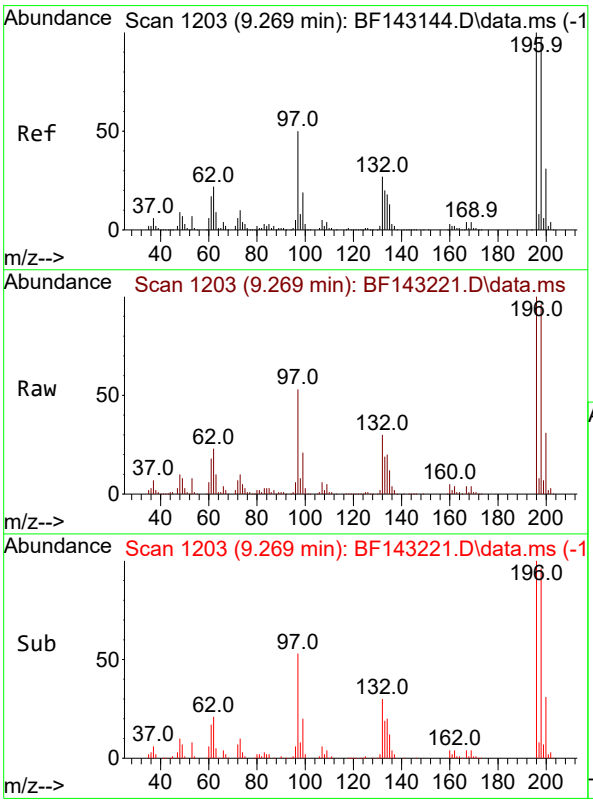

#43
2,4,6-Trichlorophenol
Concen: 39.390 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 185114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.2 | 114.2 |
| 200 | 30.9 | 23.9 | 35.9 |

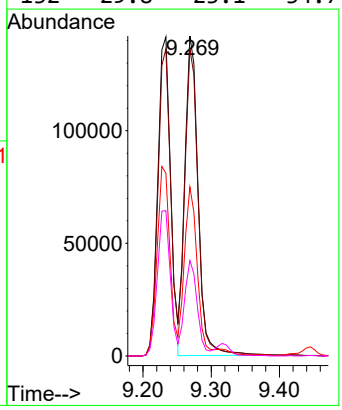


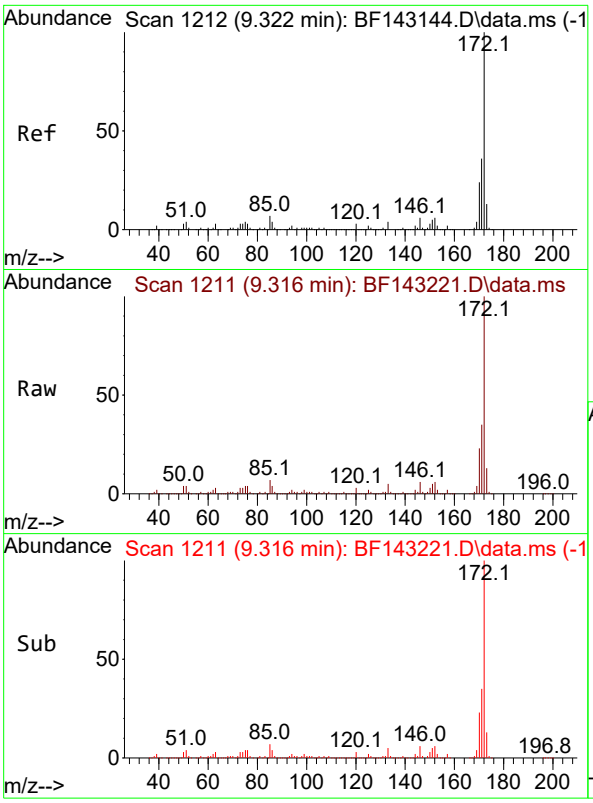




#44
2,4,5-Trichlorophenol
Concen: 40.875 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:196 Resp: 192146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 77.3 | 115.9 |
| 97 | 52.8 | 40.3 | 60.5 |
| 132 | 29.8 | 23.1 | 34.7 |



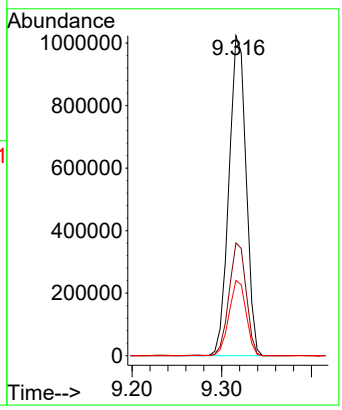


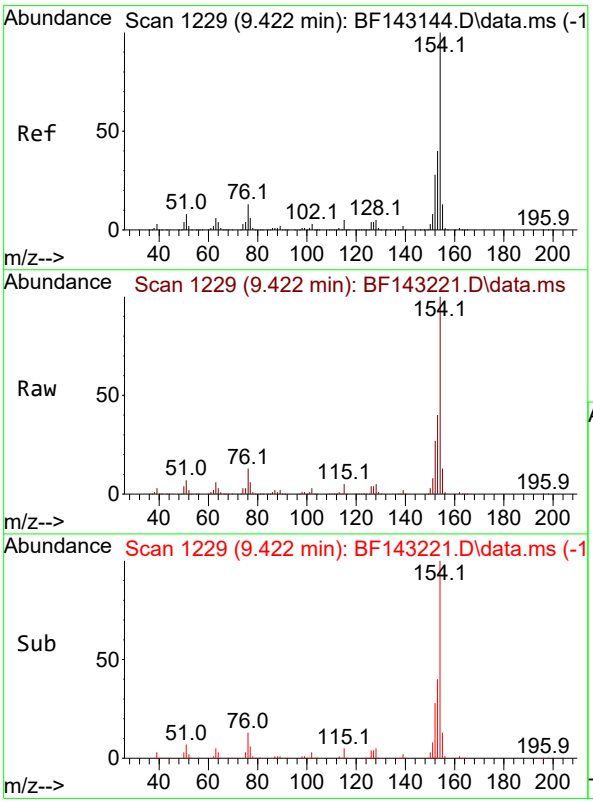

#45
2-Fluorobiphenyl
Concen: 78.638 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:172 Resp: 1352359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |

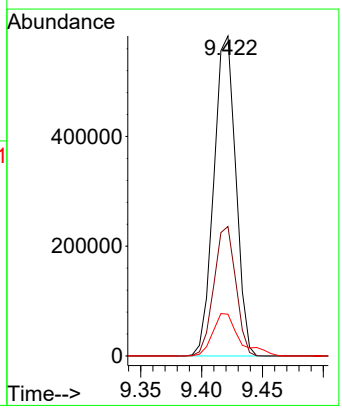


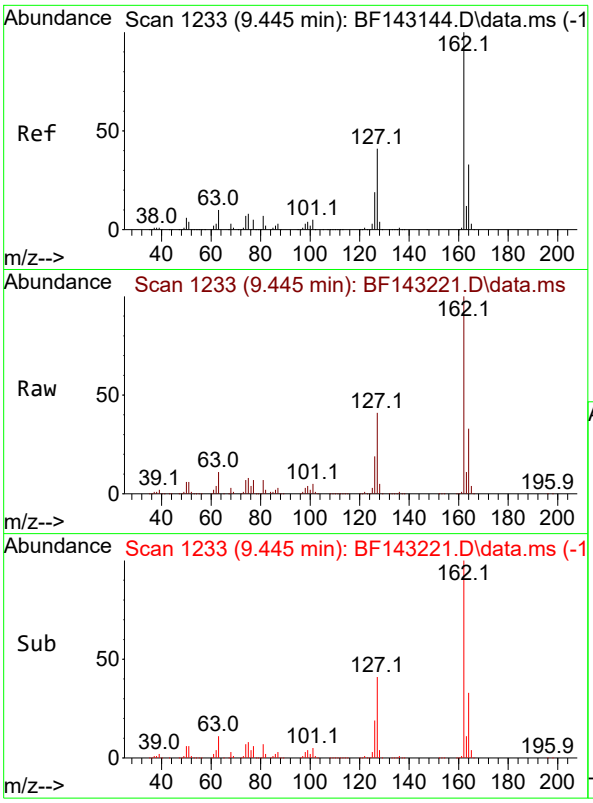




#46
1,1'-Biphenyl
Concen: 39.925 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 732610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 13.1 | 0.0 | 33.3 |



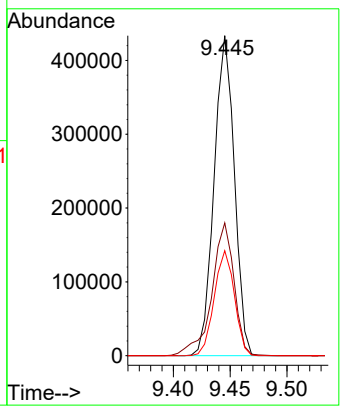


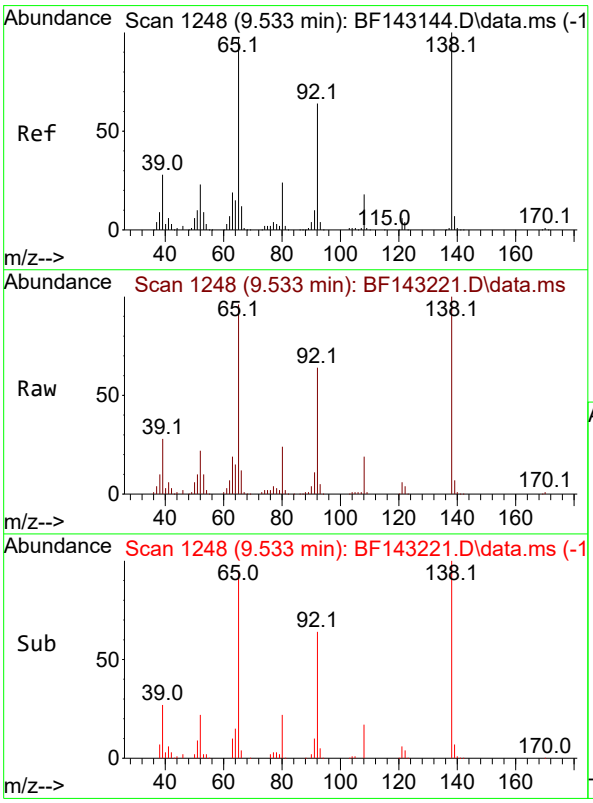

#47
2-Chloronaphthalene
Concen: 39.574 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 537315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.8 | 26.2 | 39.2 |

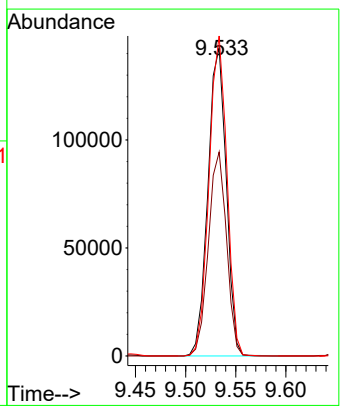


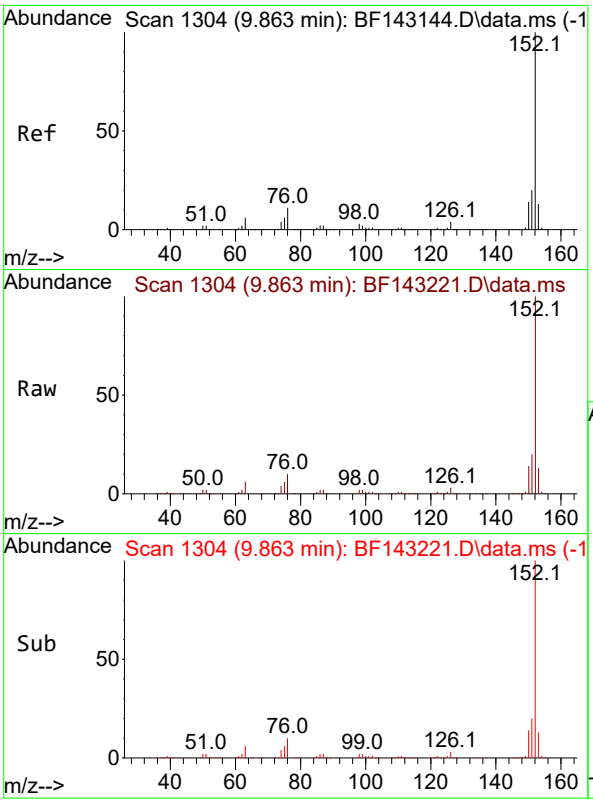




#48
2-Nitroaniline
Concen: 42.672 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 65 Resp: 181690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.2 | 52.4 | 78.6 |
| 138 | 103.8 | 82.3 | 123.5 |



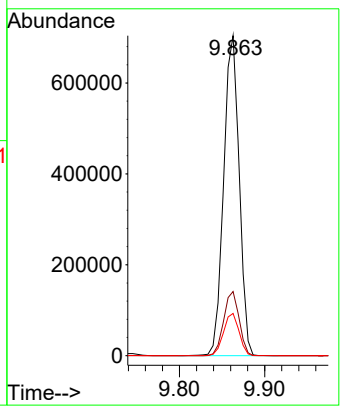


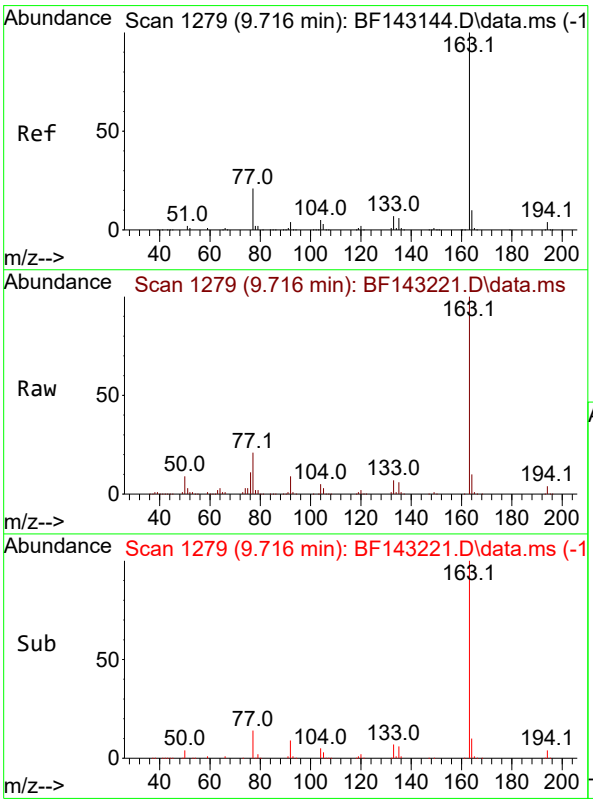

#49
Acenaphthylene
Concen: 39.131 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 890386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 16.0 |

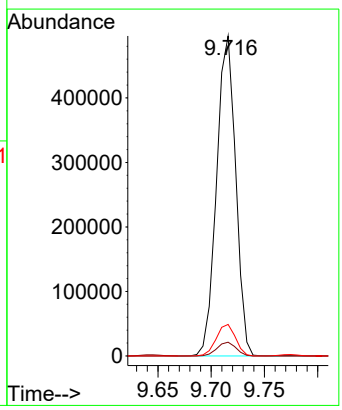


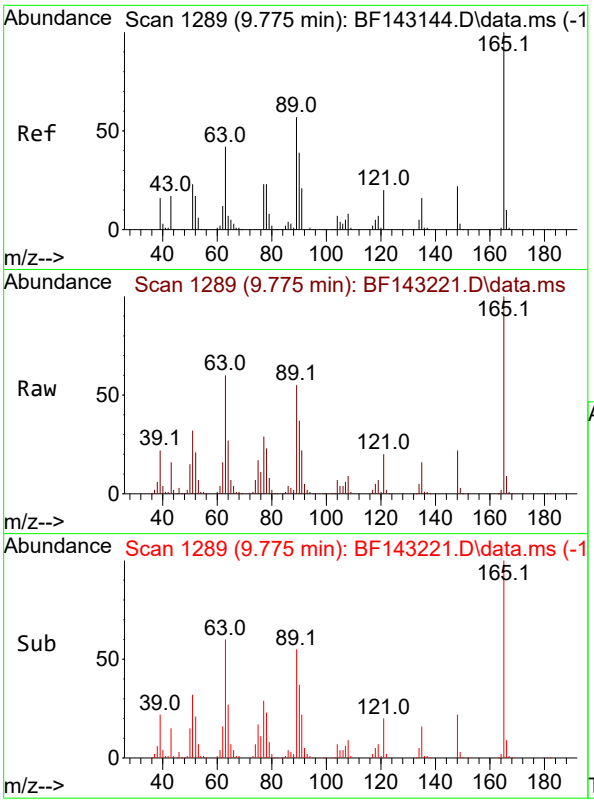




#50
Dimethylphthalate
Concen: 40.296 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:163 Resp: 617764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 9.8 | 8.3 | 12.5 |



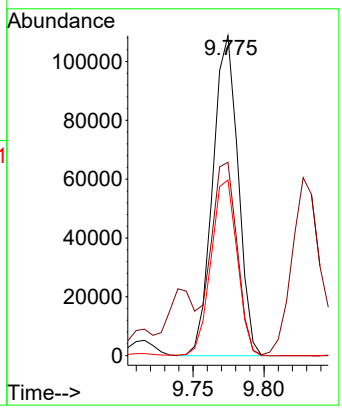


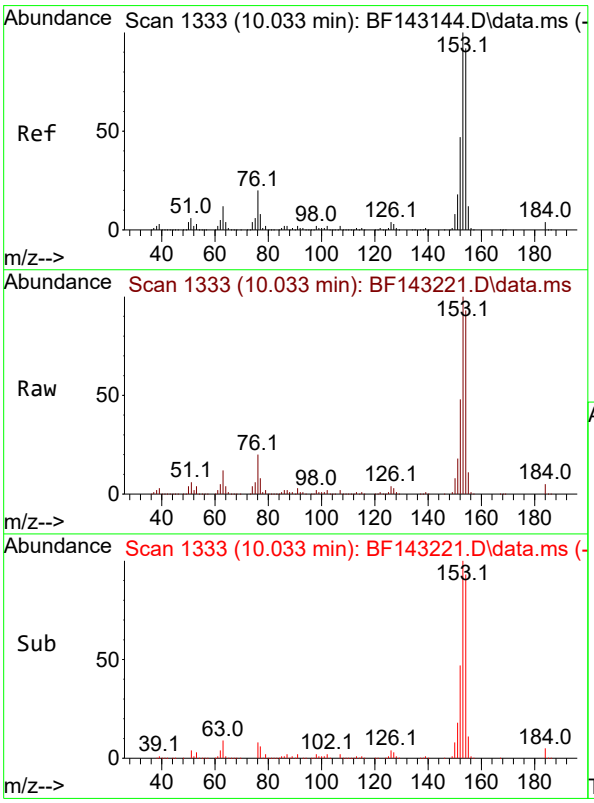

#51
2,6-Dinitrotoluene
Concen: 43.380 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 135289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.5 | 49.4 | 74.2 |
| 89 | 54.9 | 46.2 | 69.2 |

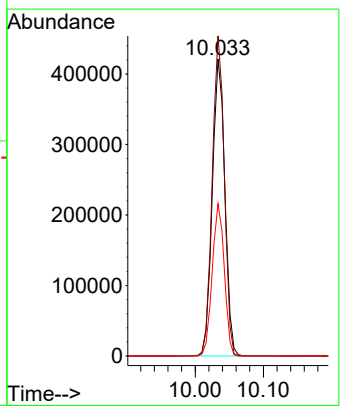


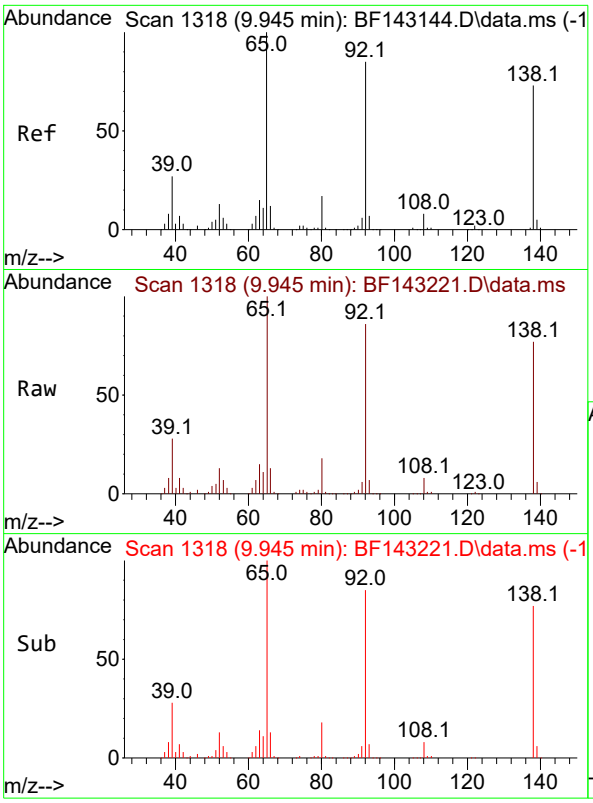




#52
Acenaphthene
Concen: 40.152 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 539986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.7 | 86.6 | 129.8 |
| 152 | 51.3 | 40.4 | 60.6 |



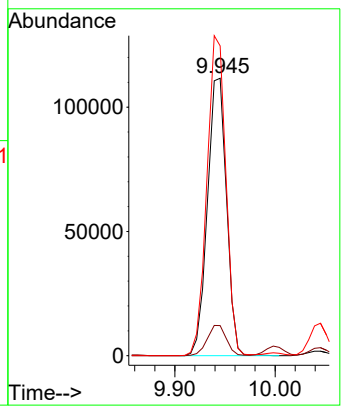


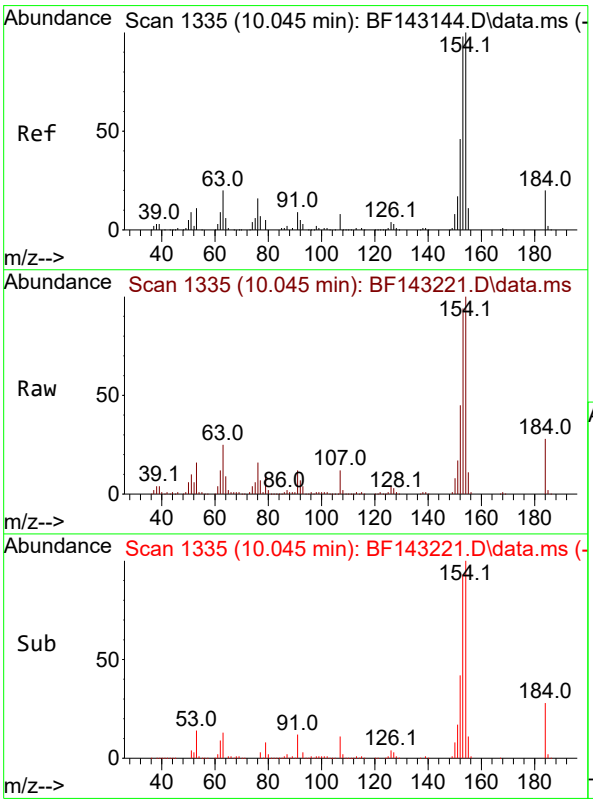

#53
3-Nitroaniline
Concen: 40.486 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 147684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.8 | 9.0 | 13.6 |
| 92 | 111.6 | 93.0 | 139.4 |

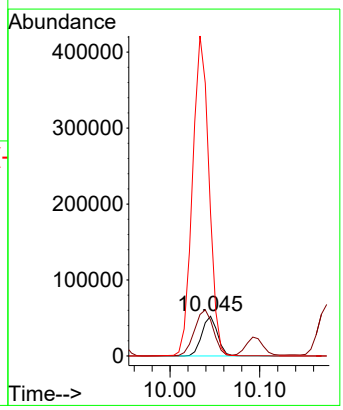


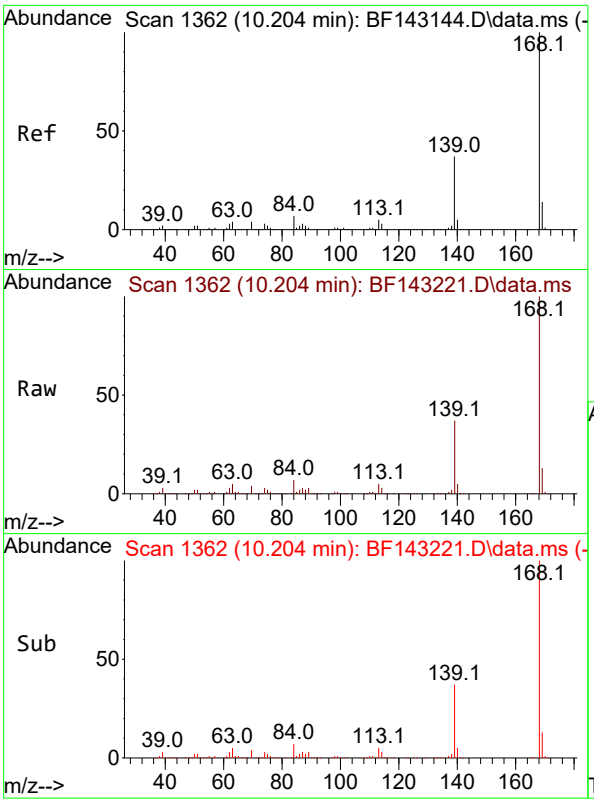




#54
2,4-Dinitrophenol
Concen: 48.021 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:184 Resp: 63769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 90.2 | 81.8 | 122.6 |
| 154 | 359.0 | 412.2 | 618.4# |



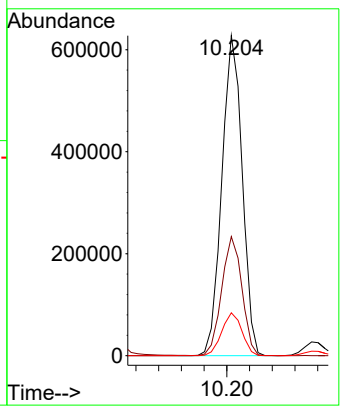


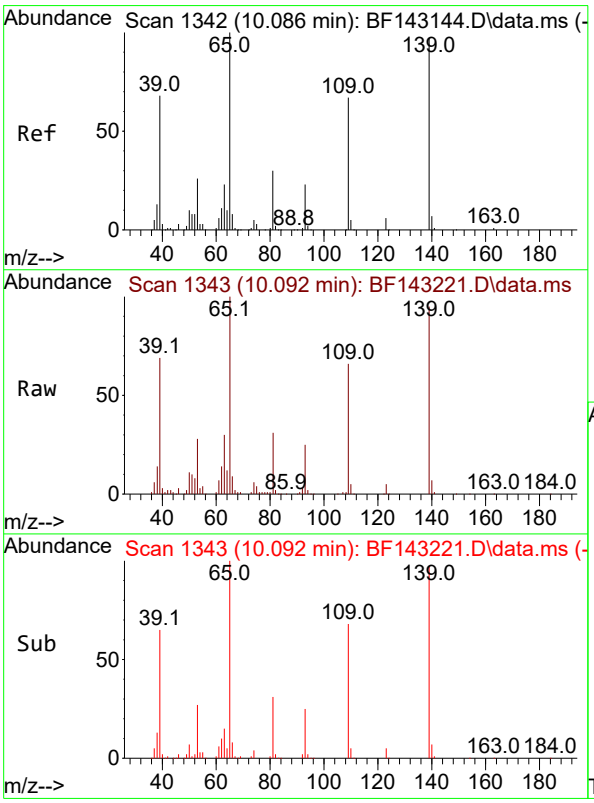

#55
Dibenzofuran
Concen: 39.131 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:168 Resp: 781320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.2 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |

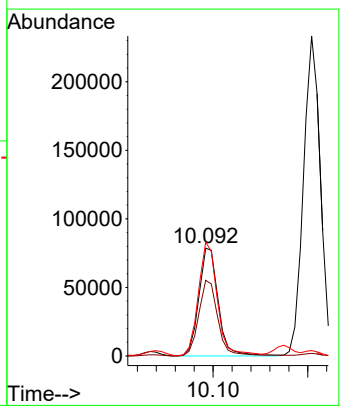


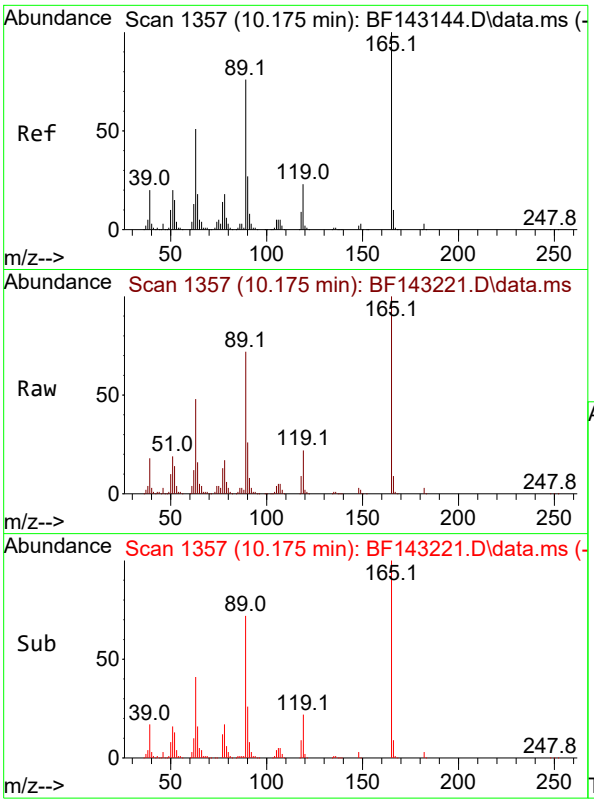




#56
4-Nitrophenol
Concen: 41.078 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 111895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.2 | 48.5 | 88.5 |
| 65 | 105.6 | 83.4 | 123.4 |



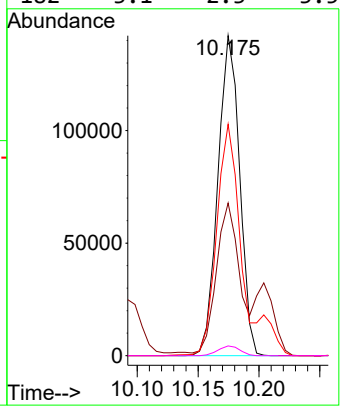


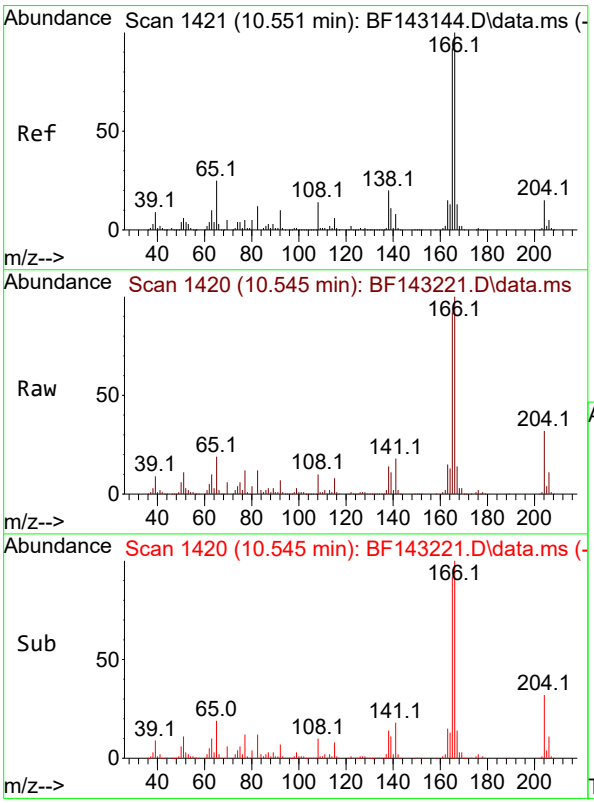

#57
2,4-Dinitrotoluene
Concen: 45.245 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 177032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.7 | 41.0 | 61.4 |
| 89 | 72.3 | 61.1 | 91.7 |
| 182 | 3.1 | 2.3 | 3.5 |

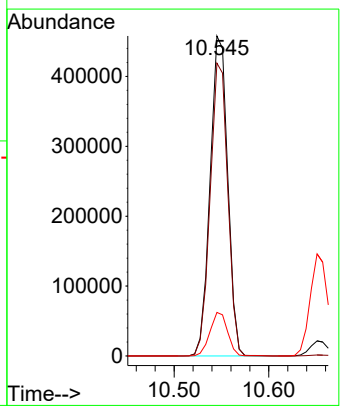


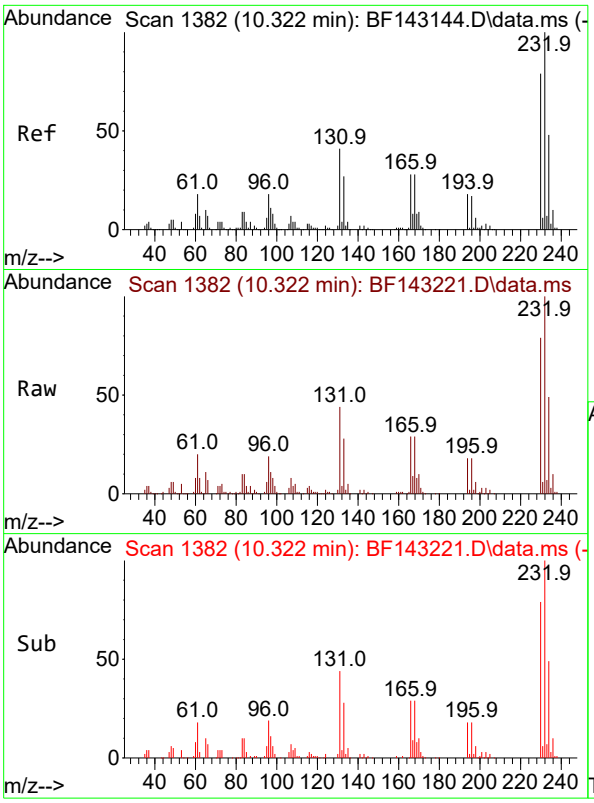




#58
Fluorene
Concen: 39.375 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:166 Resp: 590047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.5 | 73.7 | 110.5 |
| 167 | 13.6 | 10.6 | 16.0 |



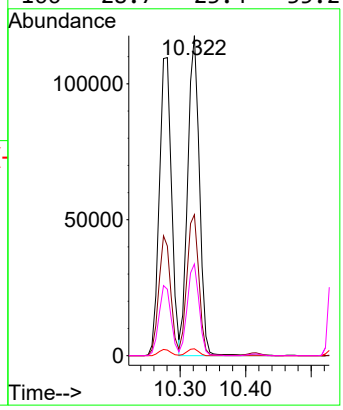


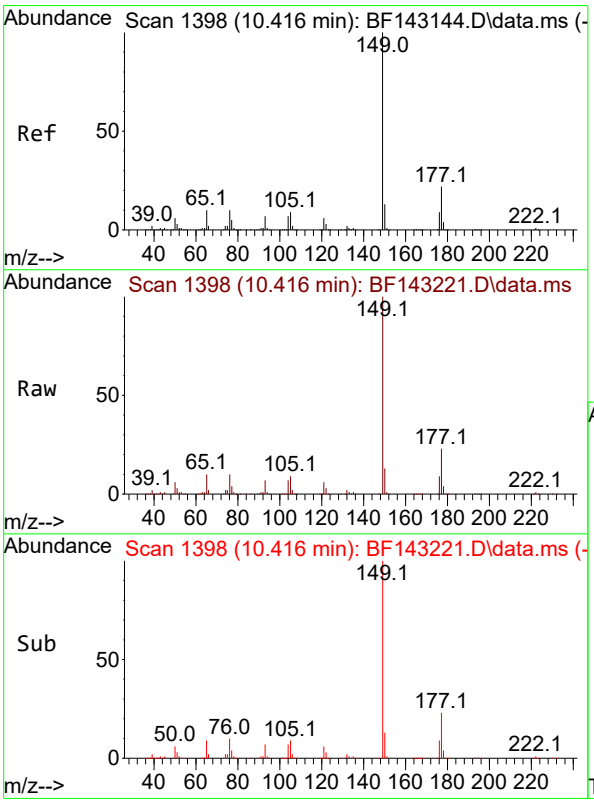

#59
2,3,4,6-Tetrachlorophenol
Concen: 37.408 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:232 Resp: 145668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.8 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.7 | 23.4 | 35.2 |

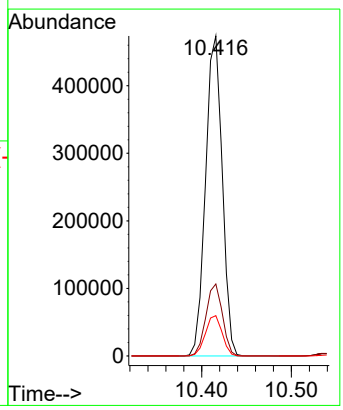


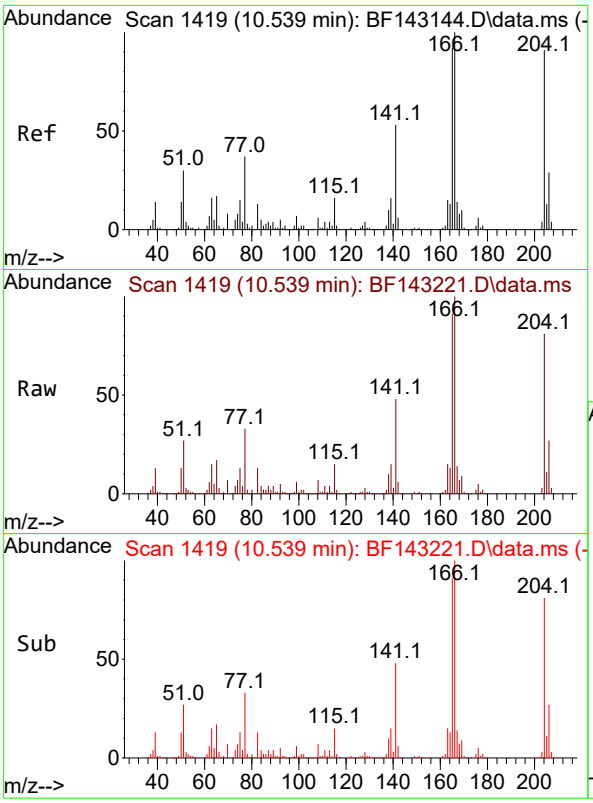




#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 611236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |



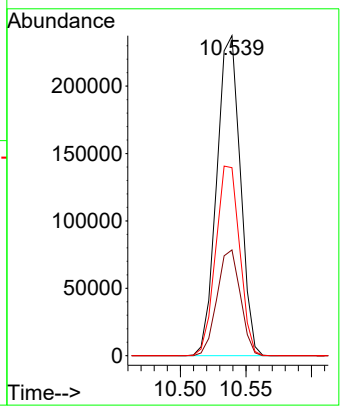


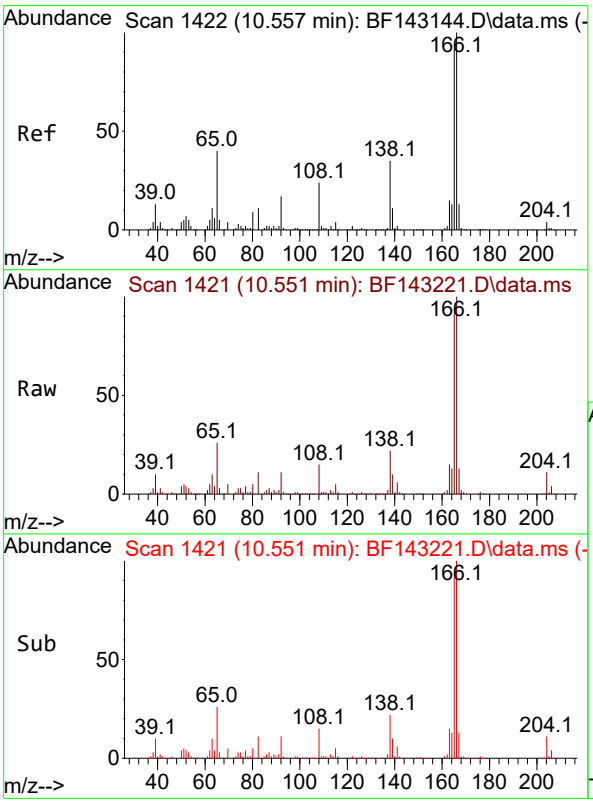

#61
4-Chlorophenyl-phenylether
Concen: 39.732 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 296476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 25.8 | 38.8 |
| 141 | 58.7 | 47.0 | 70.4 |

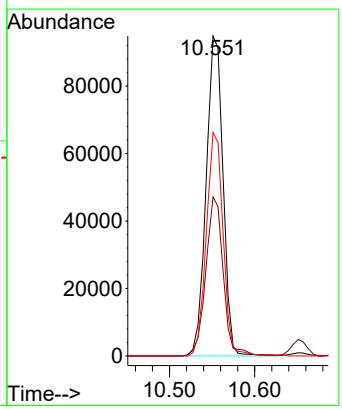


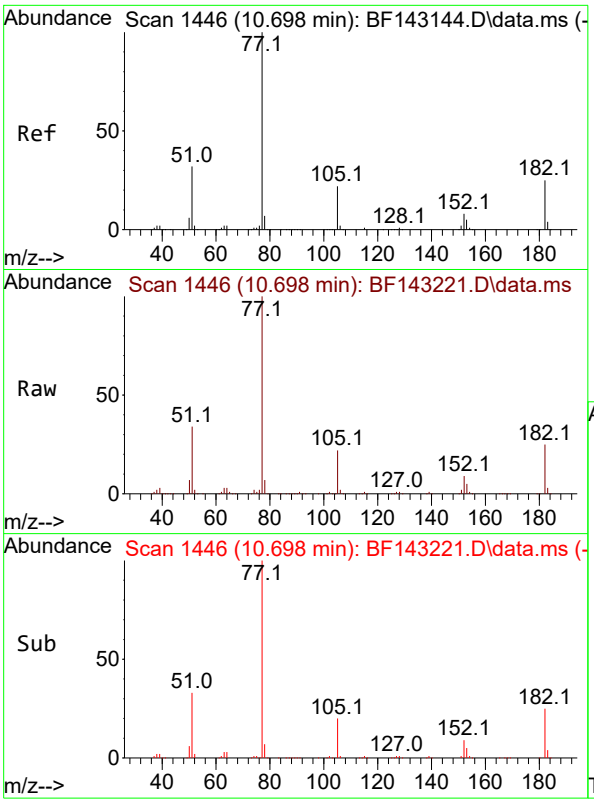




#62
4-Nitroaniline
Concen: 41.742 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:138 Resp: 130501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.7 | 29.3 | 69.3 |
| 108 | 69.8 | 48.3 | 88.3 |



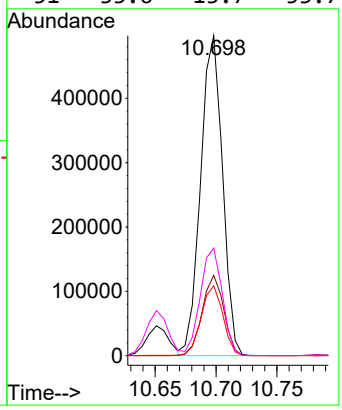


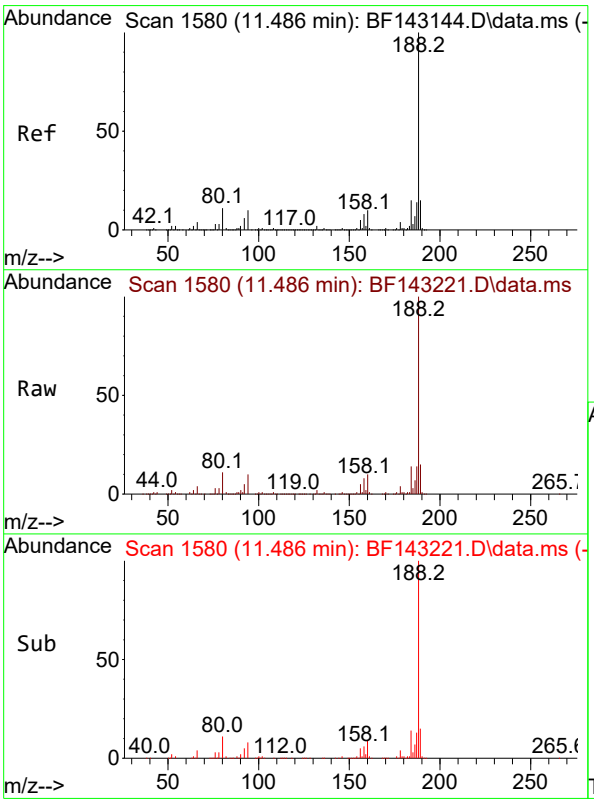

#63
Azobenzene
Concen: 39.494 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 623709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.1 | 4.6 | 44.6 |
| 105 | 21.8 | 1.4 | 41.4 |
| 51 | 33.6 | 13.7 | 53.7 |

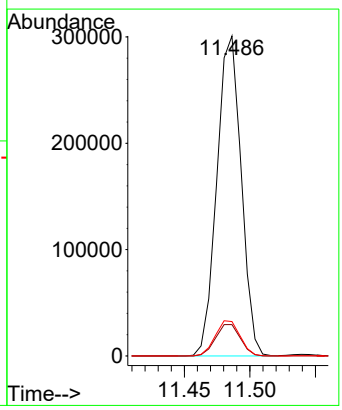


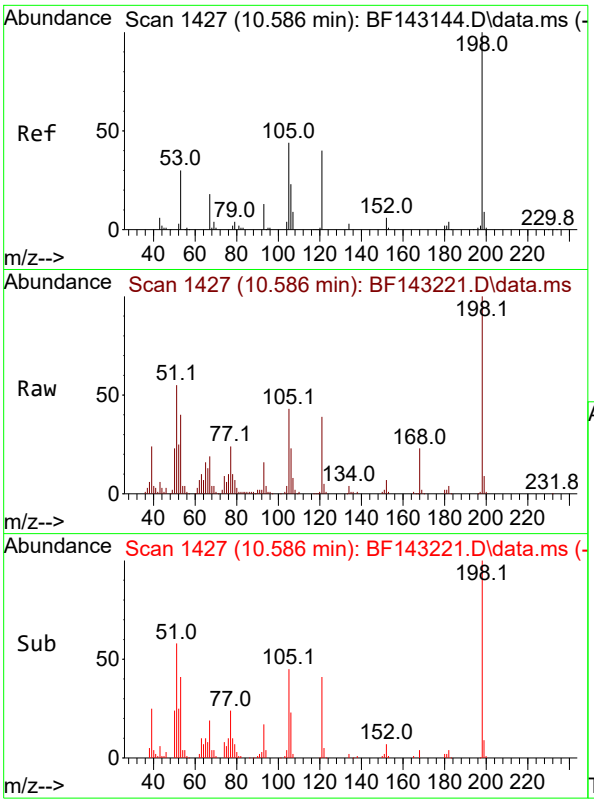




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:188 Resp: 388311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 8.3 | 12.5 |
| 80 | 10.8 | 9.0 | 13.6 |



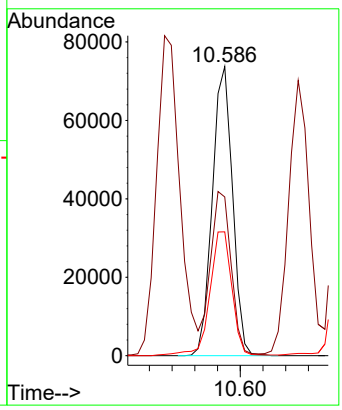


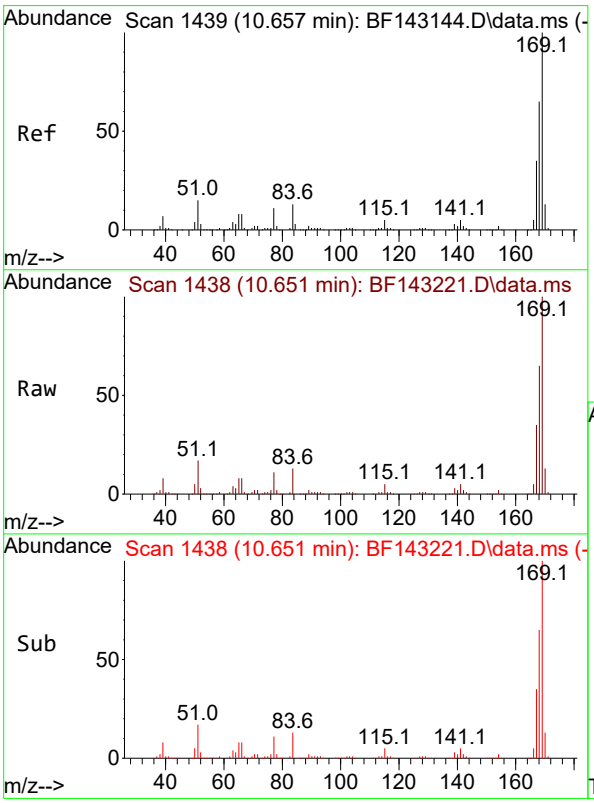

#65
4,6-Dinitro-2-methylphenol
Concen: 45.161 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 91197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.9 | 37.2 | 77.2 |
| 105 | 42.8 | 24.8 | 64.8 |

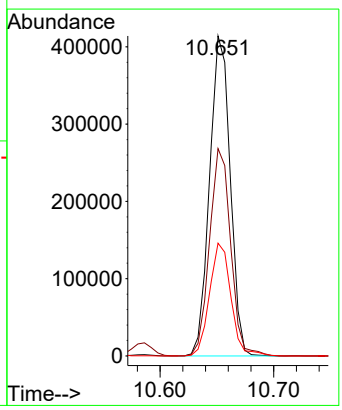


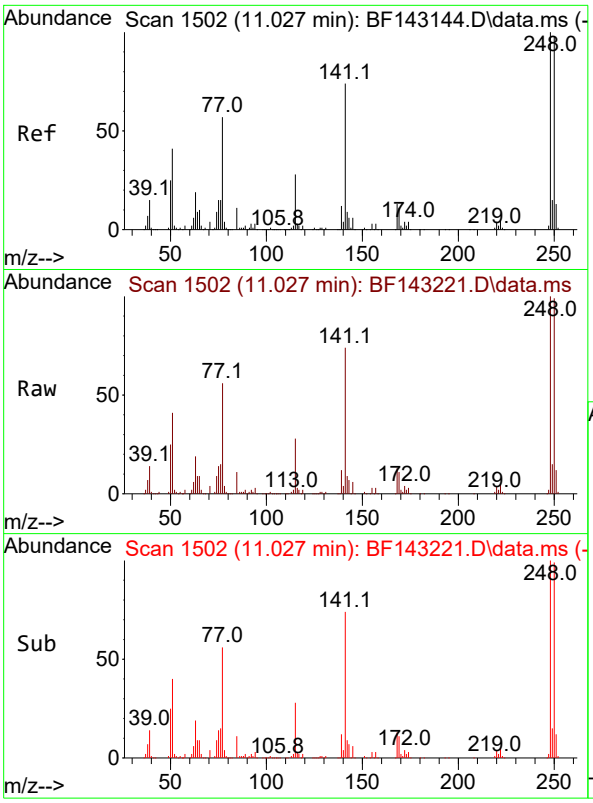




#66
n-Nitrosodiphenylamine
Concen: 38.172 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:169 Resp: 521954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.8 | 52.1 | 78.1 |
| 167 | 35.3 | 28.2 | 42.2 |



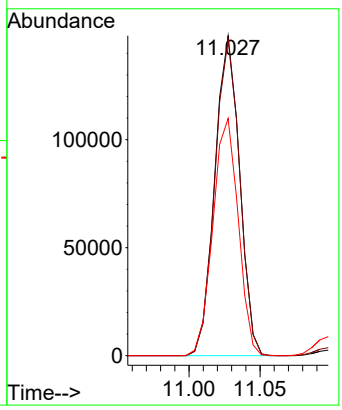


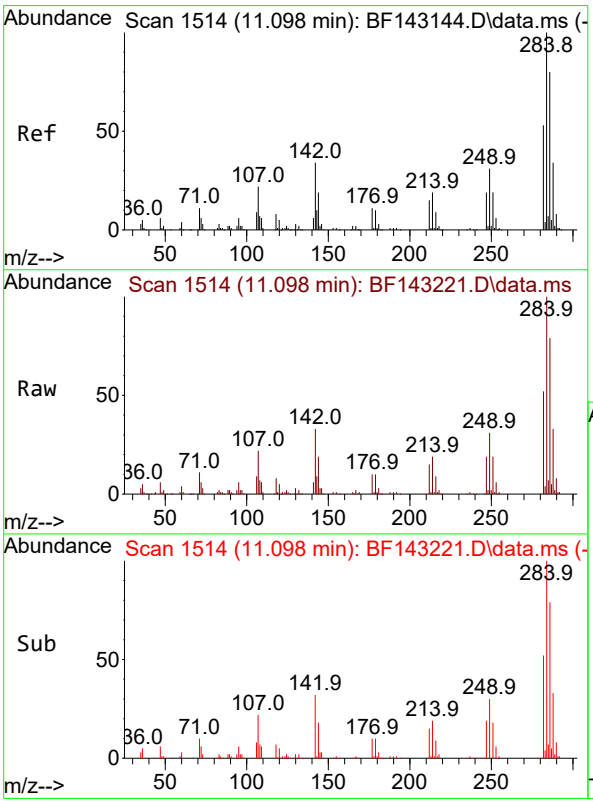

#67
4-Bromophenyl-phenylether
Concen: 38.872 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:248 Resp: 179887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 78.3 | 117.5 |
| 141 | 74.2 | 59.2 | 88.8 |

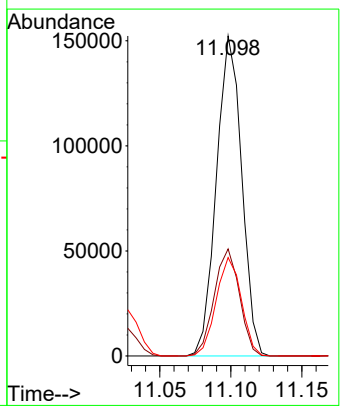


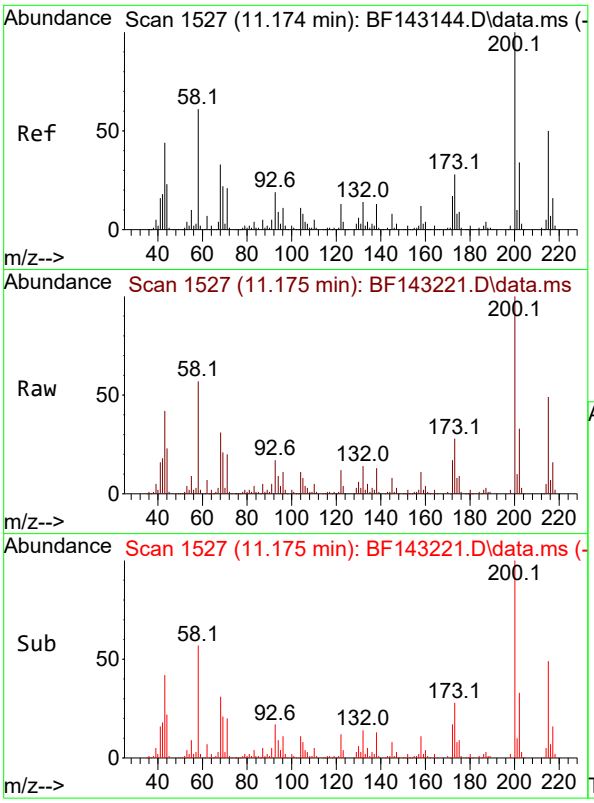




#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:284 Resp: 188132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.5 | 27.0 | 40.6 |
| 249 | 30.8 | 25.0 | 37.6 |



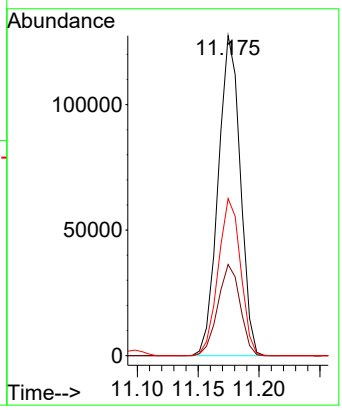


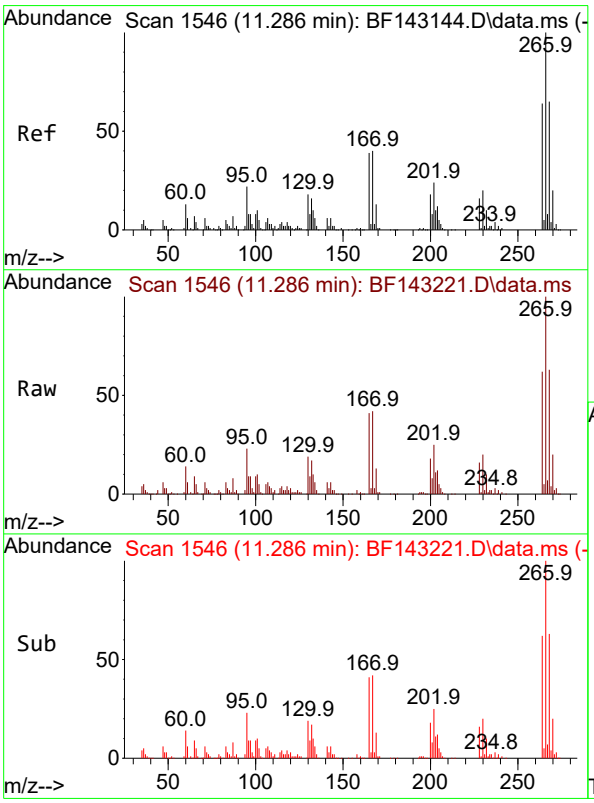

#69
Atrazine
Concen: 42.677 ng
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:200 Resp: 160879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 7.9 | 47.9 |
| 215 | 49.1 | 30.1 | 70.1 |

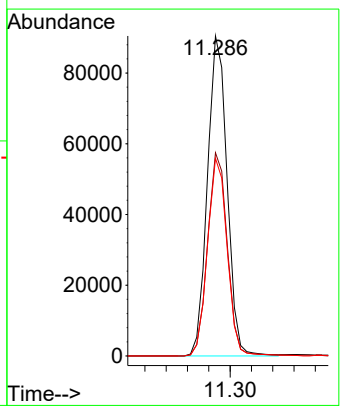


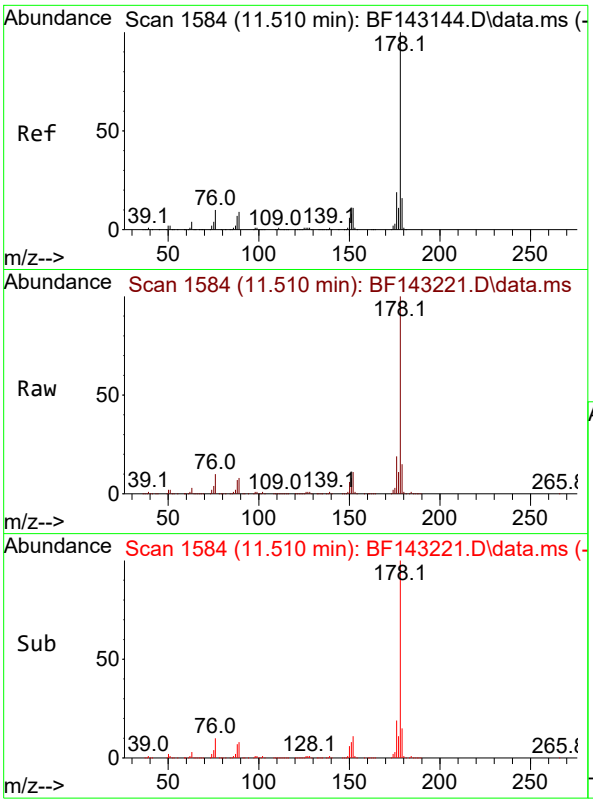




#70
Pentachlorophenol
Concen: 40.704 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:266 Resp: 115781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.5 | 51.9 | 77.9 |
| 264 | 61.8 | 51.0 | 76.6 |



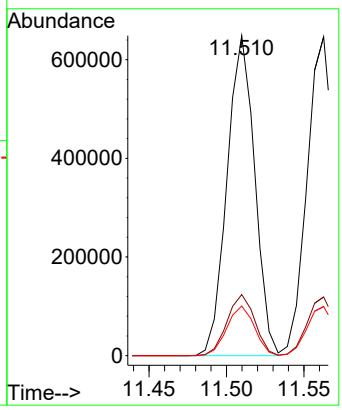


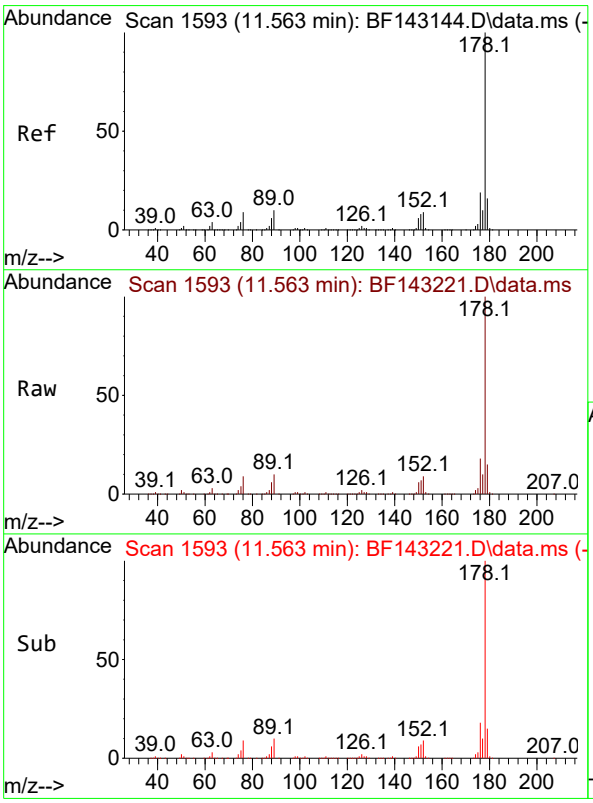

#71
Phenanthrene
Concen: 39.073 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 805603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.5 | 12.5 | 18.7 |

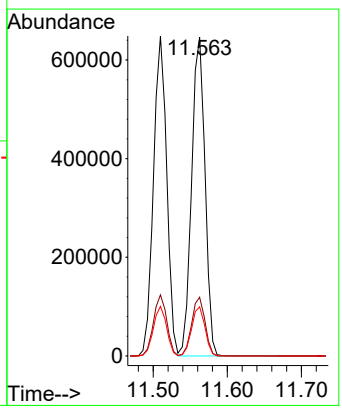


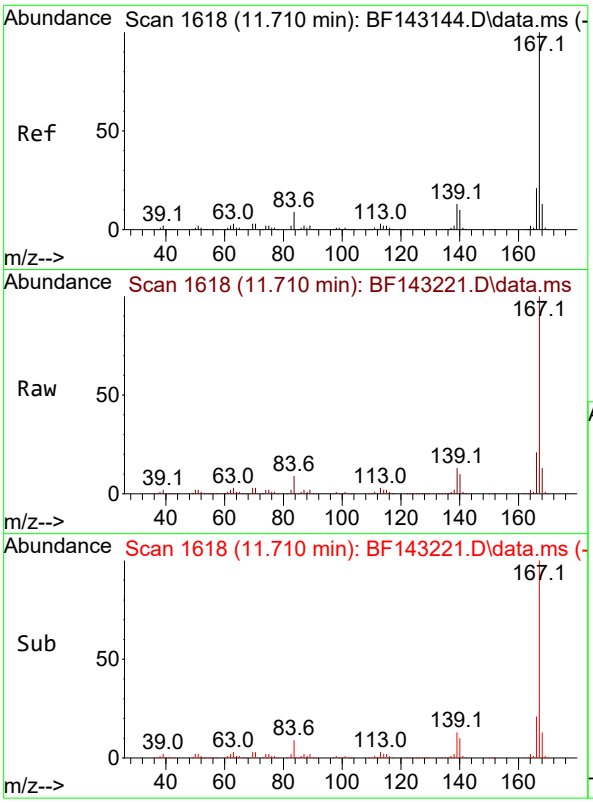




#72
Anthracene
Concen: 38.563 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:178 Resp: 810907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |



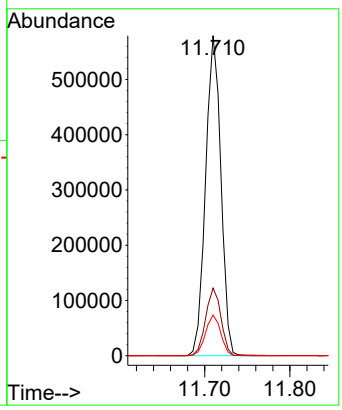


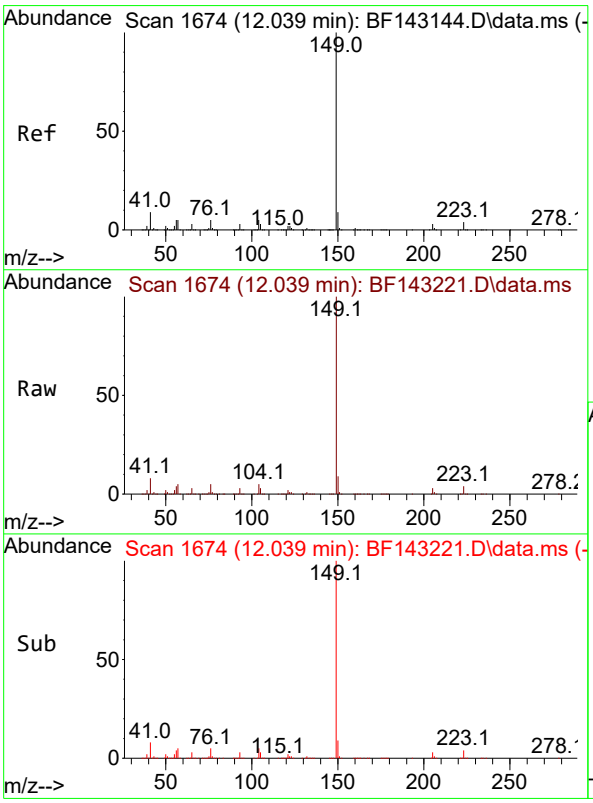

#73
Carbazole
Concen: 39.296 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:167 Resp: 721548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.0 | 25.6 |
| 139 | 12.7 | 10.0 | 15.0 |

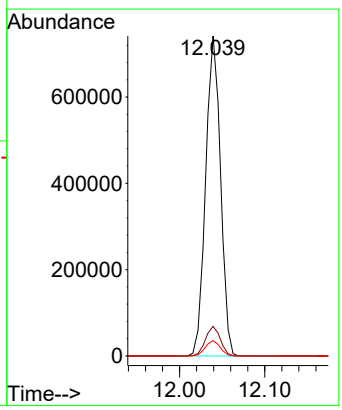


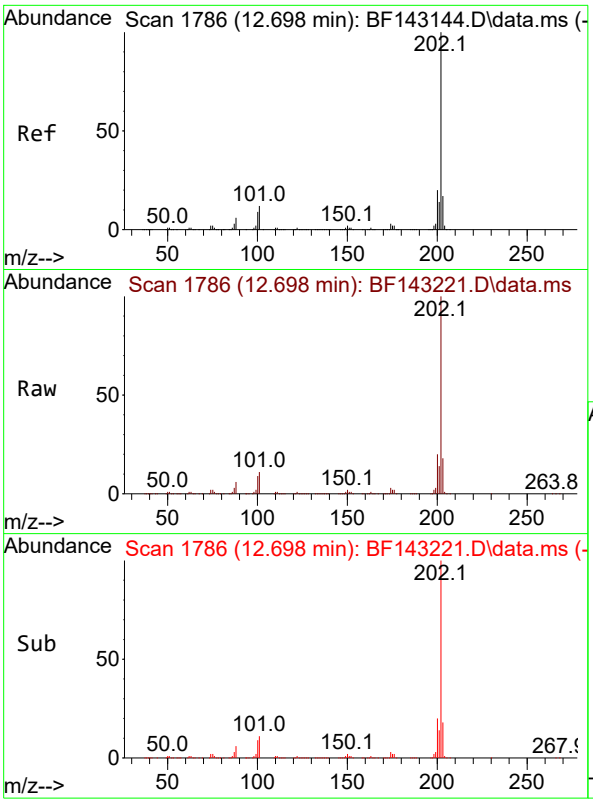




#74
Di-n-butylphthalate
Concen: 43.168 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 896871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.8 | 3.8 | 5.8 |



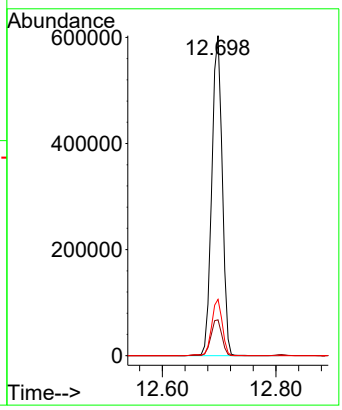


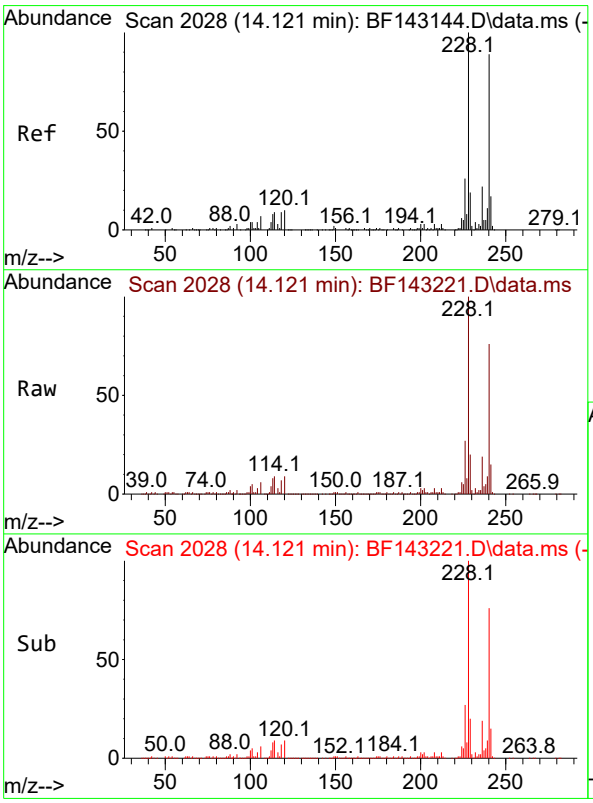

#75
Fluoranthene
Concen: 40.515 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 766728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |

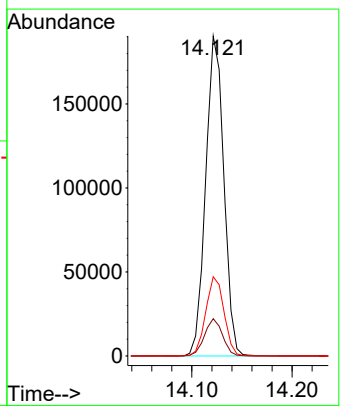


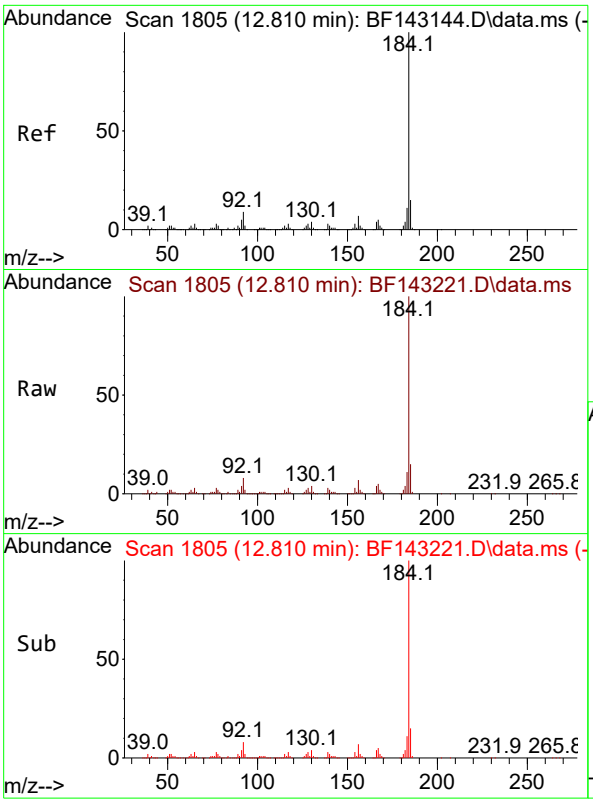




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:240 Resp: 239918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.4 | 14.2 |
| 236 | 24.7 | 20.2 | 30.4 |



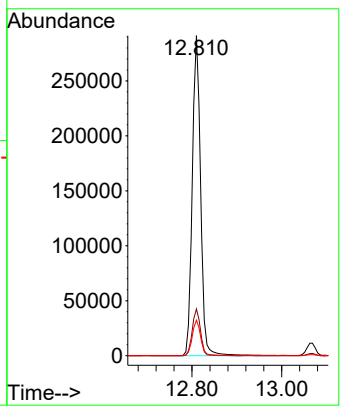


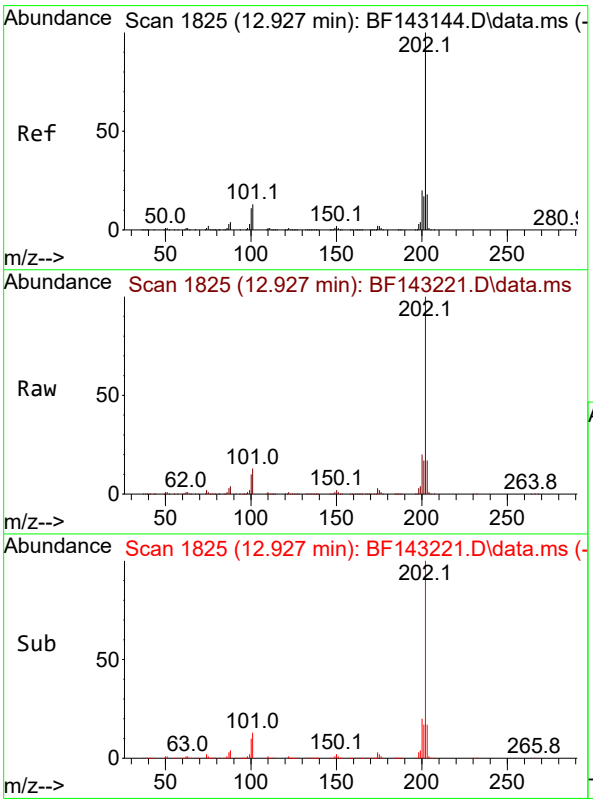

#77
Benzidine
Concen: 40.589 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 375180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.2 | 18.4 |
| 183 | 11.1 | 9.0 | 13.4 |

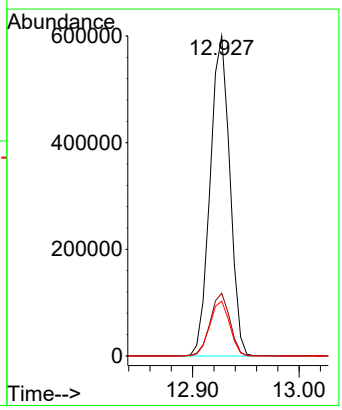


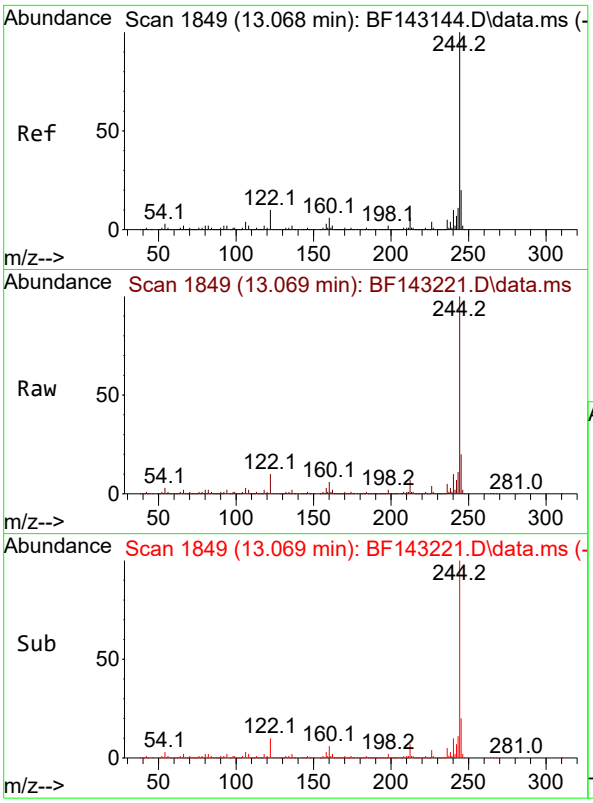




#78
Pyrene
Concen: 37.639 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:202 Resp: 770682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.6 | 15.7 | 23.5 |
| 203 | 17.1 | 14.2 | 21.2 |



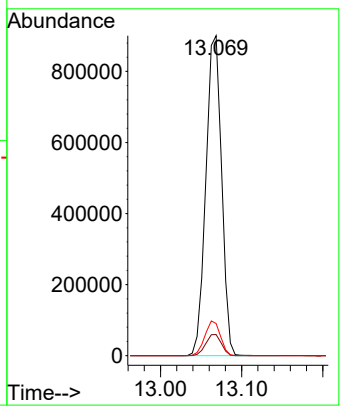


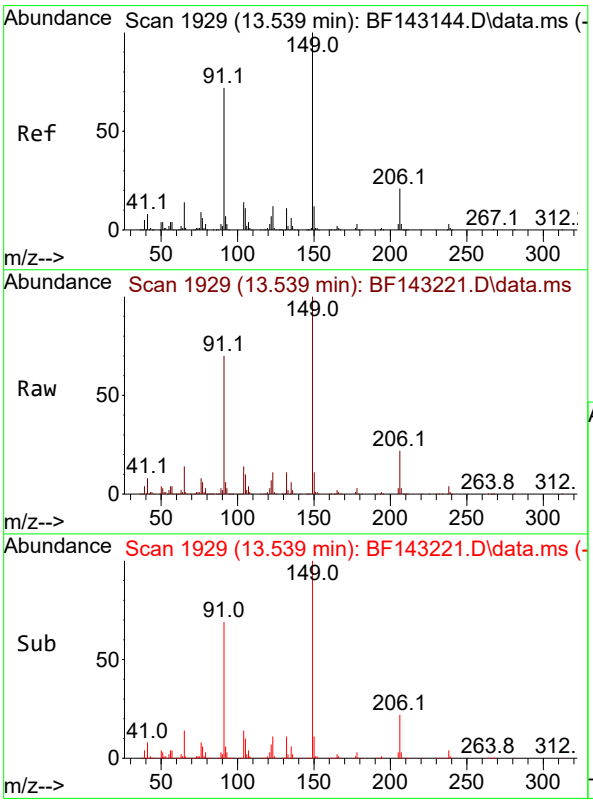

#79
Terphenyl-d14
Concen: 75.002 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:244 Resp: 1209203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.1 | 8.2 | 12.2 |

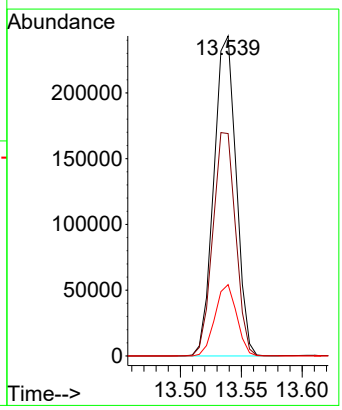


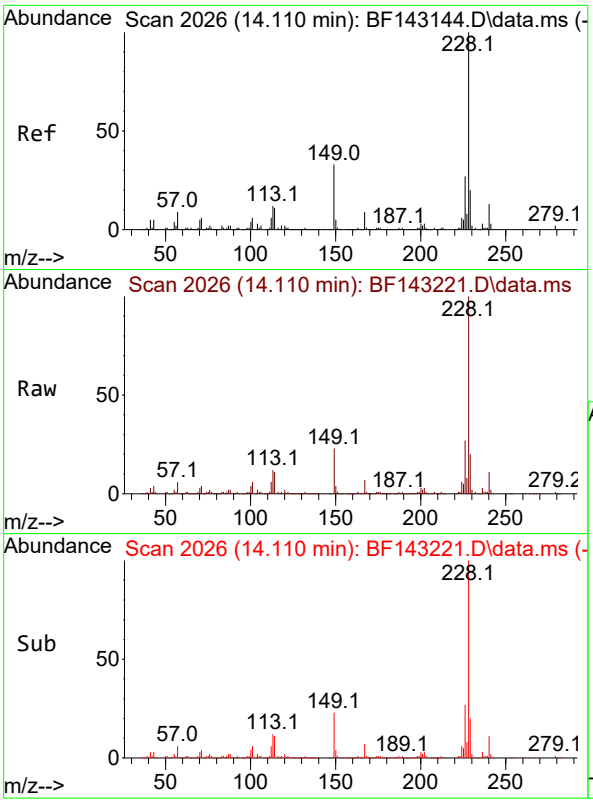




#80
Butylbenzylphthalate
Concen: 49.505 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 310396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.5 | 57.9 | 86.9 |
| 206 | 22.3 | 17.0 | 25.4 |



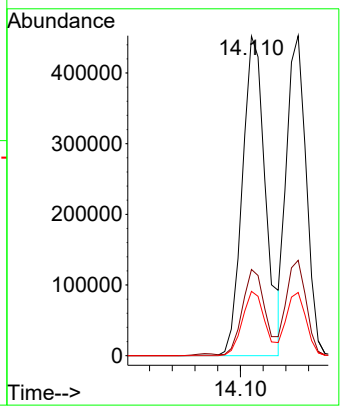


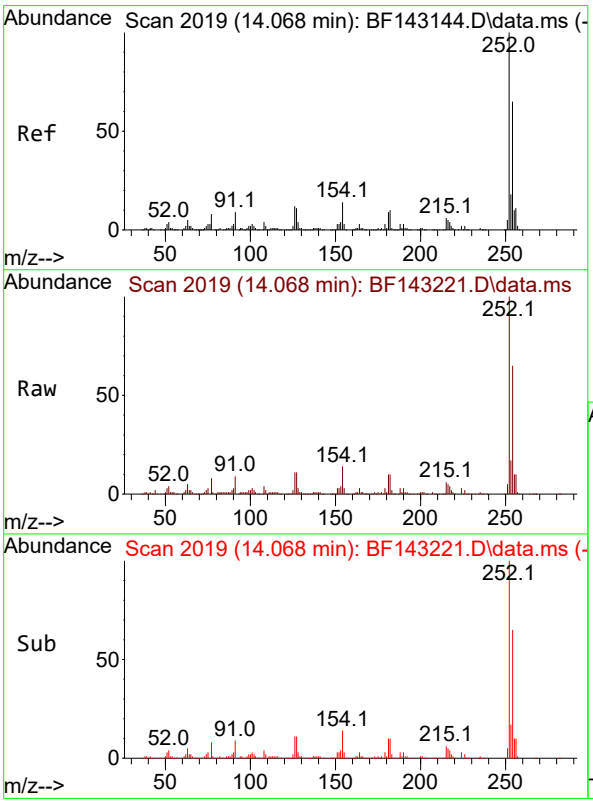

#81
Benzo(a)anthracene
Concen: 39.837 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 639877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.7 | 32.5 |
| 229 | 20.1 | 15.8 | 23.6 |

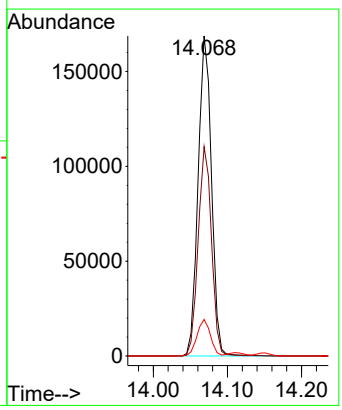


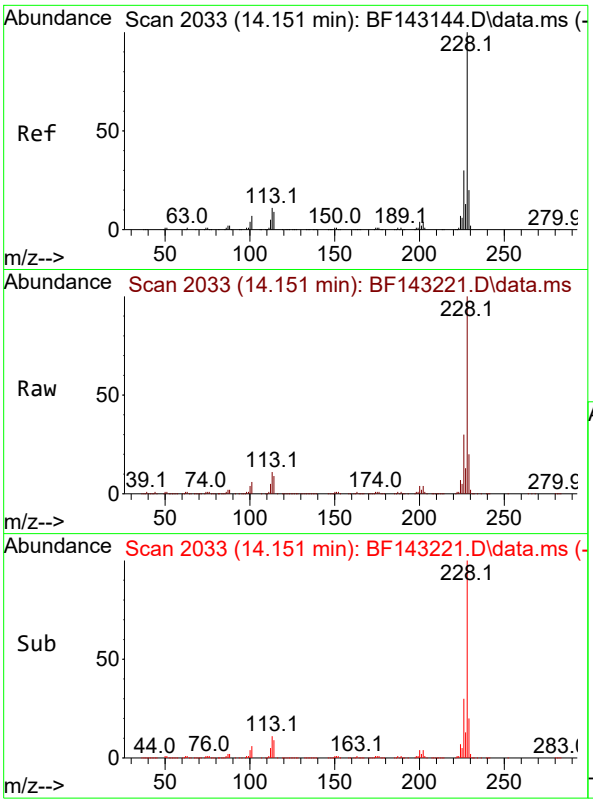




#82
3,3'-Dichlorobenzidine
Concen: 39.606 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 212028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.4 | 51.7 | 77.5 |
| 126 | 11.4 | 9.4 | 14.0 |



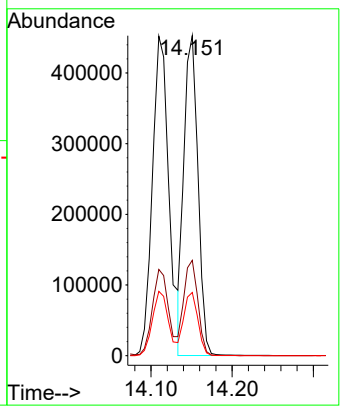


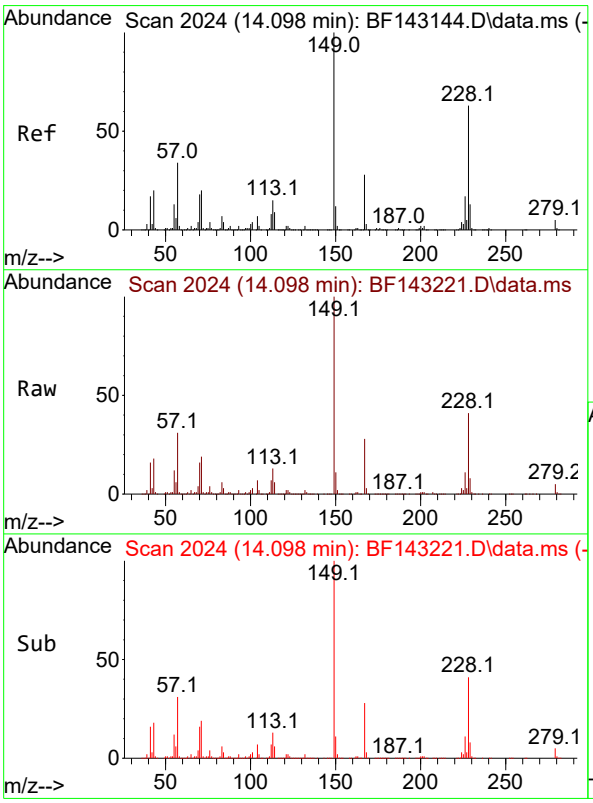

#83
Chrysene
Concen: 37.622 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 543320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.7 | 15.6 | 23.4 |

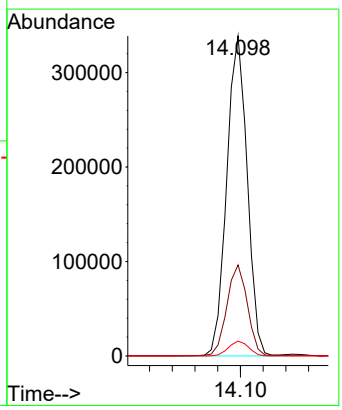


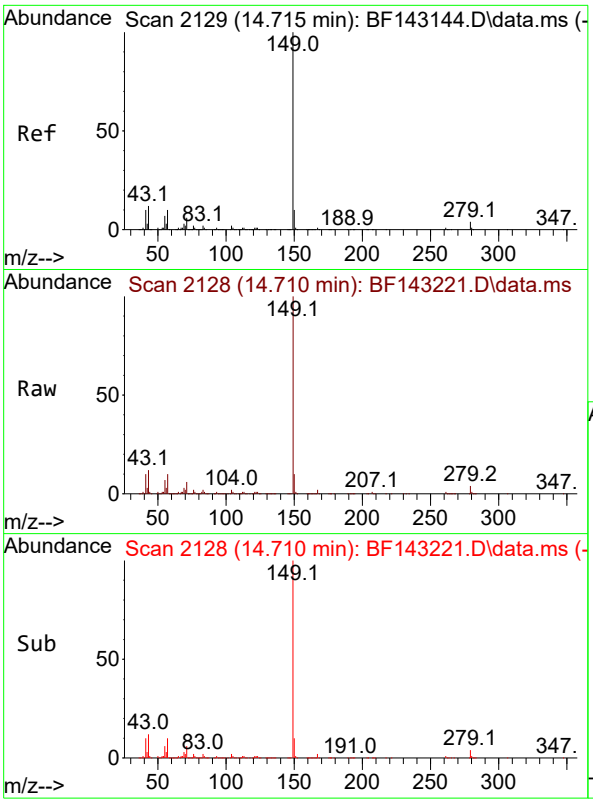




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 424006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.5 | 22.3 | 33.5 |
| 279 | 4.7 | 3.6 | 5.4 |



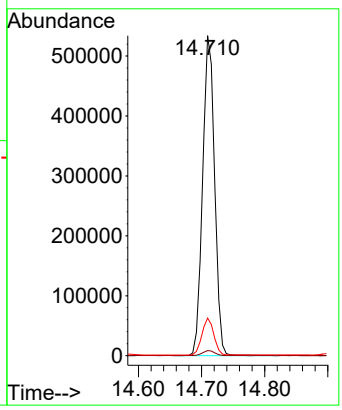


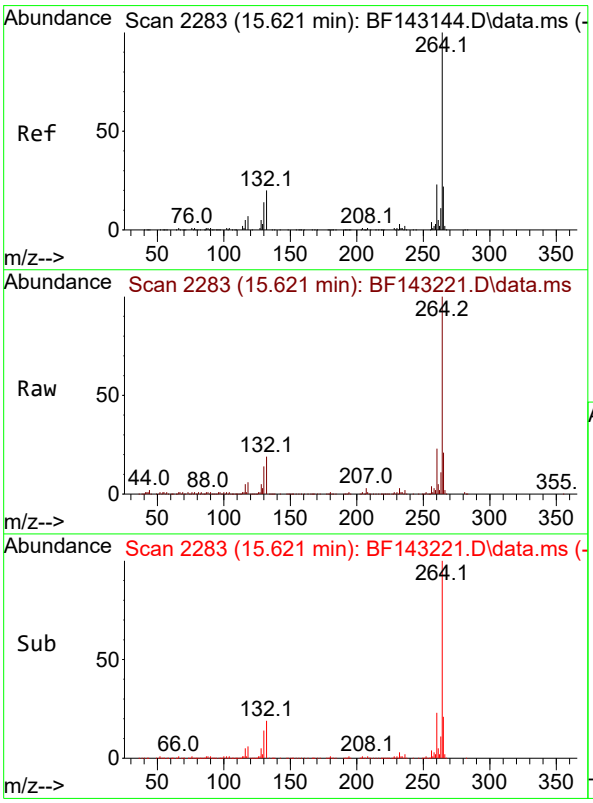

#85
Di-n-octyl phthalate
Concen: 40.789 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 701660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.4 | 9.7 | 14.5 |

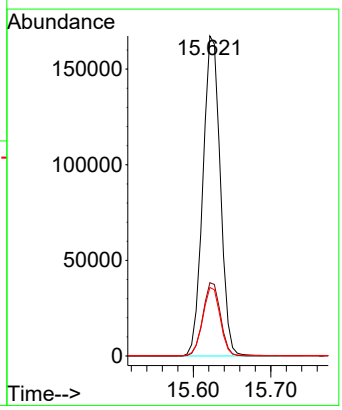


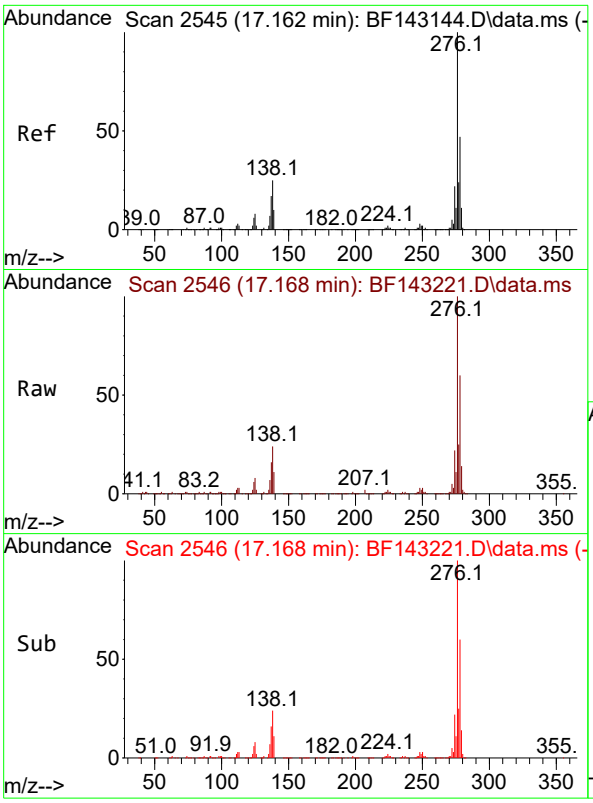




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:264 Resp: 260552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 18.5 | 27.7 |
| 265 | 21.4 | 17.4 | 26.2 |



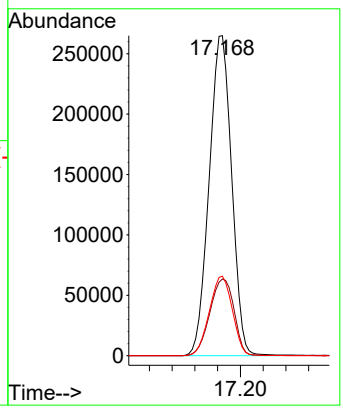


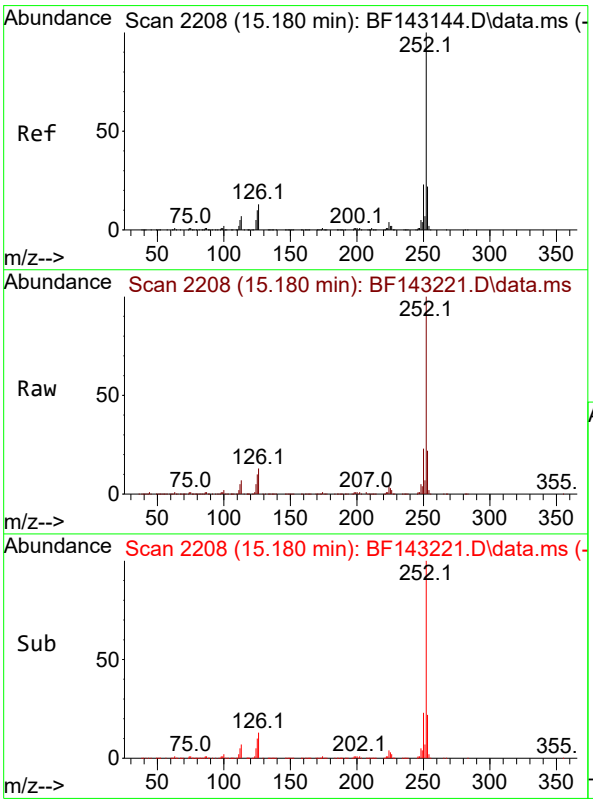

#87
Indeno(1,2,3-cd)pyrene
Concen: 39.648 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 728424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.8 | 21.8 | 32.6 |
| 277 | 25.4 | 20.0 | 30.0 |

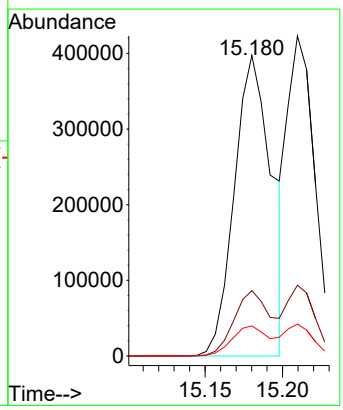


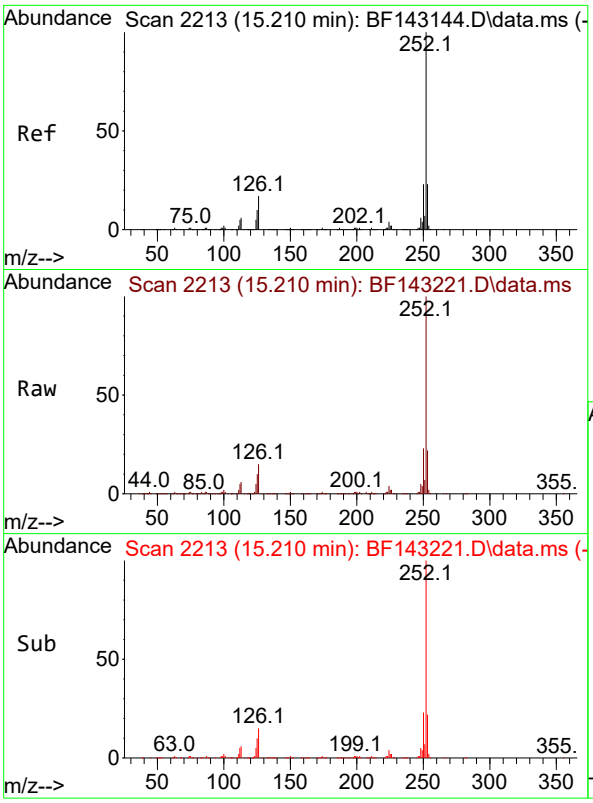




#88
Benzo(b)fluoranthene
Concen: 41.763 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 664764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.0 | 8.0 | 12.0 |



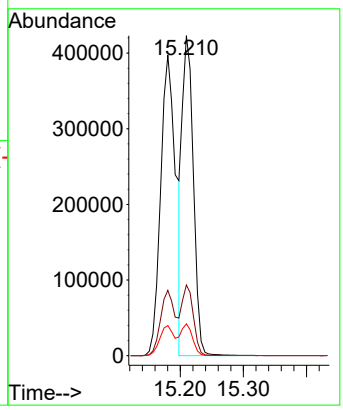


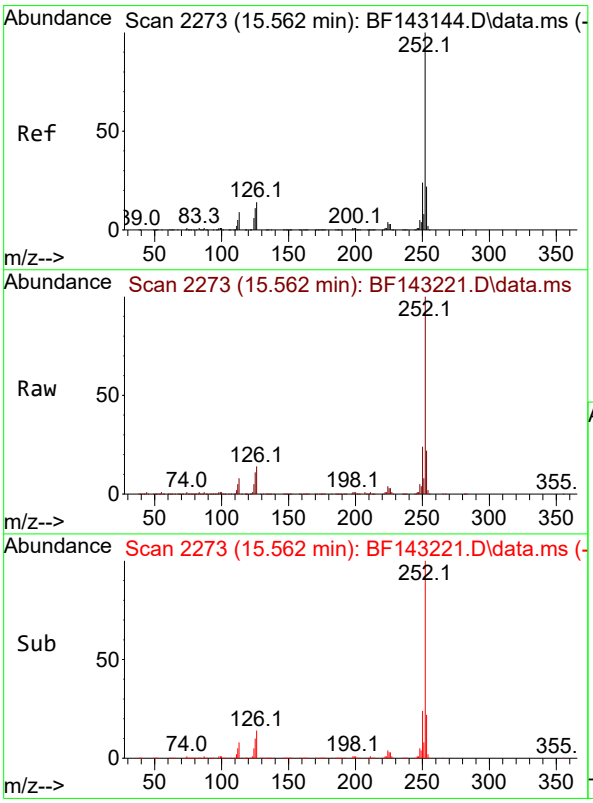

#89
Benzo(k)fluoranthene
Concen: 36.673 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 520903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 9.9 | 8.1 | 12.1 |

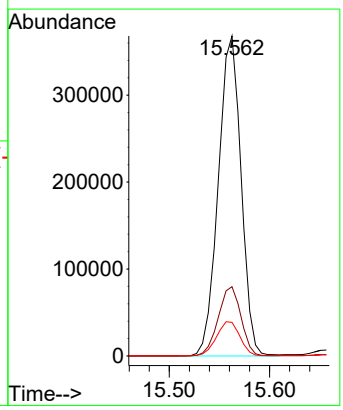


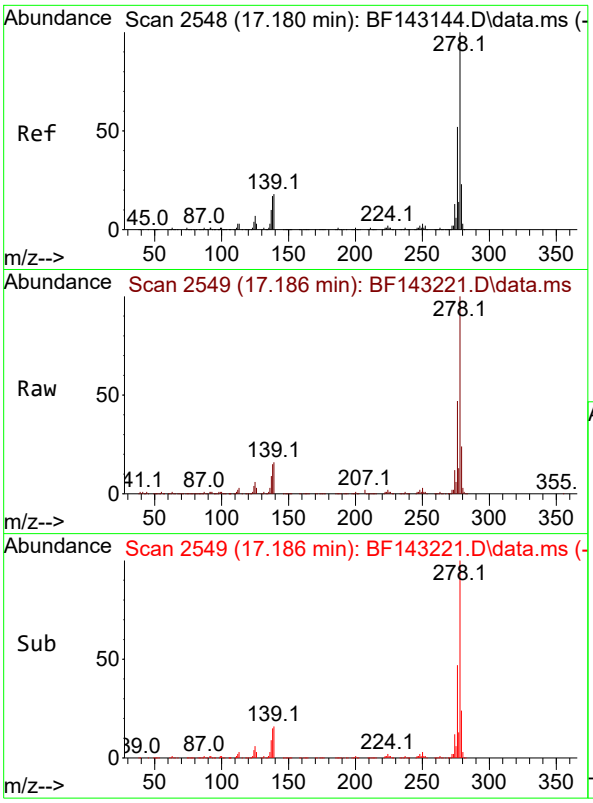




#90
Benzo(a)pyrene
Concen: 39.494 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 579199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 10.5 | 8.6 | 13.0 |



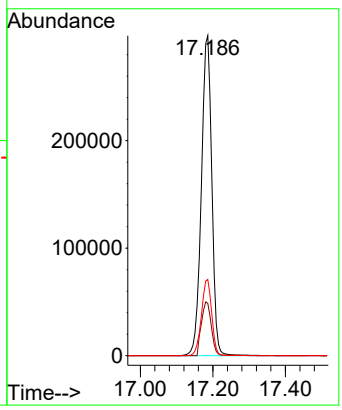


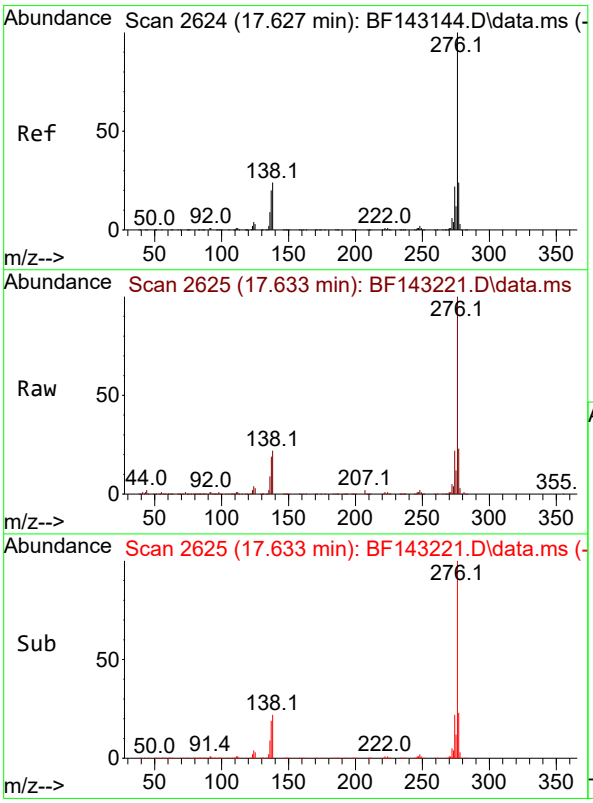

#91
Dibenzo(a,h)anthracene
Concen: 39.899 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:278 Resp: 596645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.3 | 14.1 | 21.1 |
| 279 | 23.8 | 18.6 | 28.0 |

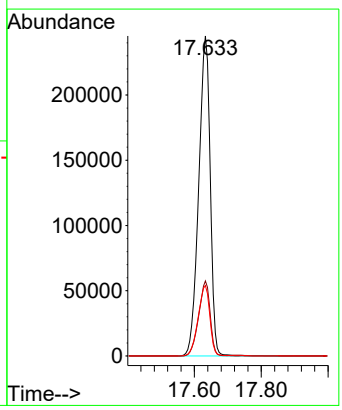



#92
Benzo(g,h,i)perylene
Concen: 40.478 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:276 Resp: 585525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.1 | 28.7 |
| 138 | 22.0 | 18.9 | 28.3 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 73 | 0.00 |
| 2 | | 1,4-Dioxane | 0.598 | 0.552 | 7.7 | 67 | -0.02 |
| 3 | | Pyridine | 1.552 | 1.433 | 7.7 | 68 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 0.801 | 0.757 | 5.5 | 68 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.264 | 1.184 | 6.3 | 70 | 0.00 |
| 6 | | Aniline | 2.217 | 2.026 | 8.6 | 67 | 0.00 |
| 7 | S | Phenol-d6 | 1.591 | 1.484 | 6.7 | 69 | 0.00 |
| 8 | | 2-Chlorophenol | 1.325 | 1.267 | 4.4 | 70 | 0.00 |
| 9 | | Benzaldehyde | 1.193 | 1.042 | 12.7 | 53 | 0.00 |
| 10 | C | Phenol | 1.733 | 1.685 | 2.8 | 72 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.245 | 6.2 | 70 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.439 | 1.377 | 4.3 | 72 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.408 | 2.8 | 72 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.378 | 1.324 | 3.9 | 72 | 0.00 |
| 15 | | Benzyl Alcohol | 1.215 | 1.172 | 3.5 | 70 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.461 | 2.326 | 5.5 | 70 | 0.00 |
| 17 | | 2-Methylphenol | 1.114 | 1.072 | 3.8 | 71 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.505 | -0.6 | 74 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.021 | 0.945 | 7.4 | 70 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.351 | 1.294 | 4.2 | 70 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 0.474 | 0.452 | 4.6 | 71 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.401 | 0.407 | -1.5 | 73 | 0.00 |
| 24 | | Nitrobenzene | 0.374 | 0.372 | 0.5 | 71 | 0.00 |
| 25 | | Isophorone | 0.708 | 0.683 | 3.5 | 70 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.162 | 0.184 | -13.6 | 76 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.331 | 0.321 | 3.0 | 71 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.425 | 0.409 | 3.8 | 71 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.279 | 0.277 | 0.7 | 72 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.298 | 1.3 | 72 | 0.00 |
| 31 | | Naphthalene | 0.985 | 0.969 | 1.6 | 73 | 0.00 |
| 32 | | Benzoic acid | 0.169 | 0.196 | -16.0 | 78 | 0.00 |
| 33 | | 4-Chloroaniline | 0.402 | 0.379 | 5.7 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.185 | -0.5 | 73 | 0.00 |
| 35 | | Caprolactam | 0.084 | 0.087 | -3.6 | 71 | -0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.303 | 0.298 | 1.7 | 71 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.599 | 0.584 | 2.5 | 72 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.617 | 0.610 | 1.1 | 73 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.577 | 0.576 | 0.2 | 74 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.376 | 0.396 | -5.3 | 75 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.207 | 0.204 | 1.4 | 69 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.394 | 1.5 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.400 | 0.408 | -2.0 | 72 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.462 | 1.437 | 1.7 | 75 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.560 | 1.557 | 0.2 | 74 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.142 | 1.1 | 73 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.362 | 0.386 | -6.6 | 73 | 0.00 |
| 49 | | Acenaphthylene | 1.935 | 1.893 | 2.2 | 72 | 0.00 |
| 50 | | Dimethylphthalate | 1.304 | 1.313 | -0.7 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.265 | 0.288 | -8.7 | 73 | 0.00 |
| 52 | C | Acenaphthene | 1.144 | 1.148 | -0.3 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 0.310 | 0.314 | -1.3 | 70 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.098 | 0.136 | -38.8# | 92 | 0.00 |
| 55 | | Dibenzofuran | 1.698 | 1.661 | 2.2 | 72 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.238 | -2.6 | 69 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.376 | -12.9 | 75 | 0.00 |
| 58 | | Fluorene | 1.274 | 1.254 | 1.6 | 73 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.331 | 0.310 | 6.3 | 66 | 0.00 |
| 60 | | Diethylphthalate | 1.289 | 1.299 | -0.8 | 73 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.635 | 0.630 | 0.8 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 0.266 | 0.277 | -4.1 | 70 | 0.00 |
| 63 | | Azobenzene | 1.343 | 1.326 | 1.3 | 71 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.094 | 0.117 | -24.5 | 86 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.704 | 0.672 | 4.5 | 71 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.238 | 0.232 | 2.5 | 73 | 0.00 |
| 68 | | Hexachlorobenzene | 0.249 | 0.242 | 2.8 | 72 | 0.00 |
| 69 | | Atrazine | 0.194 | 0.207 | -6.7 | 76 | 0.00 |
| 70 | C | Pentachlorophenol | 0.147 | 0.149 | -1.4 | 72 | 0.00 |
| 71 | | Phenanthrene | 1.062 | 1.037 | 2.4 | 73 | 0.00 |
| 72 | | Anthracene | 1.083 | 1.044 | 3.6 | 72 | 0.00 |
| 73 | | Carbazole | 0.946 | 0.929 | 1.8 | 72 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.155 | -7.9 | 77 | 0.00 |
| 75 | C | Fluoranthene | 0.975 | 0.987 | -1.2 | 74 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 77 | | Benzidine | 0.771 | 0.782 | -1.4 | 66 | 0.00 |
| 78 | | Pyrene | 1.707 | 1.606 | 5.9 | 76 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.344 | 1.260 | 6.3 | 78 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.647 | -23.7 | 96 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.334 | 0.4 | 84 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.446 | 0.442 | 0.9 | 83 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.132 | 6.0 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.884 | -11.8 | 91 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.434 | 1.462 | -2.0 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.410 | 1.398 | 0.9 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.222 | 1.276 | -4.4 | 90 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.090 | 1.000 | 8.3 | 71 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.126 | 1.111 | 1.3 | 80 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.148 | 1.145 | 0.3 | 80 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.110 | 1.124 | -1.3 | 82 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 73 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 36.945 | 7.6 | 67 | -0.02 |
| 3 | | Pyridine | 40.000 | 36.936 | 7.7 | 68 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.804 | 5.5 | 68 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 74.933 | 6.3 | 70 | 0.00 |
| 6 | | Aniline | 40.000 | 36.553 | 8.6 | 67 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 74.643 | 6.7 | 69 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 38.262 | 4.3 | 70 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 34.958 | 12.6 | 53 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.903 | 2.7 | 72 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.530 | 6.2 | 70 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 38.273 | 4.3 | 72 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 38.864 | 2.8 | 72 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.432 | 3.9 | 72 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 38.601 | 3.5 | 70 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.792 | 5.5 | 70 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.491 | 3.8 | 71 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.244 | -0.6 | 74 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 37.020 | 7.4 | 70 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.309 | 4.2 | 70 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.203 | 4.5 | 71 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 81.218 | -1.5 | 73 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.826 | 0.4 | 71 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.556 | 3.6 | 70 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 45.287 | -13.2 | 76 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.857 | 2.9 | 71 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.544 | 3.6 | 71 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.769 | 0.6 | 72 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.506 | 1.2 | 72 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.367 | 1.6 | 73 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.633 | -6.6 | 78 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 37.678 | 5.8 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.216 | -0.5 | 73 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.239 | -3.1 | 71 | -0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.279 | 1.8 | 71 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.000 | 2.5 | 72 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.512 | 1.2 | 73 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.918 | 0.2 | 74 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 42.201 | -5.5 | 75 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 79.071 | 1.2 | 69 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.390 | 1.5 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.875 | -2.2 | 72 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 78.638 | 1.7 | 75 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.925 | 0.2 | 74 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.574 | 1.1 | 73 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.672 | -6.7 | 73 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.131 | 2.2 | 72 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.296 | -0.7 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 43.380 | -8.5 | 73 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.152 | -0.4 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 40.486 | -1.2 | 70 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 48.021 | -20.1 | 92 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.131 | 2.2 | 72 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.078 | -2.7 | 69 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 45.245 | -13.1 | 75 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.375 | 1.6 | 73 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 37.408 | 6.5 | 66 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.338 | -0.8 | 73 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.732 | 0.7 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.742 | -4.4 | 70 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.494 | 1.3 | 71 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 45.161 | -12.9 | 86 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.172 | 4.6 | 71 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.872 | 2.8 | 73 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 38.896 | 2.8 | 72 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.677 | -6.7 | 76 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.704 | -1.8 | 72 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.073 | 2.3 | 73 | 0.00 |
| 72 | | Anthracene | 40.000 | 38.563 | 3.6 | 72 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.296 | 1.8 | 72 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 43.168 | -7.9 | 77 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.515 | -1.3 | 74 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 77 | | Benzidine | 40.000 | 40.589 | -1.5 | 66 | 0.00 |
| 78 | | Pyrene | 40.000 | 37.639 | 5.9 | 76 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 75.002 | 6.2 | 78 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 49.505 | -23.8 | 96 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.837 | 0.4 | 84 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.606 | 1.0 | 83 | 0.00 |
| 83 | | Chrysene | 40.000 | 37.622 | 5.9 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 44.678 | -11.7 | 91 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.789 | -2.0 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.648 | 0.9 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 41.763 | -4.4 | 90 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 36.673 | 8.3 | 71 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.494 | 1.3 | 80 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.899 | 0.3 | 80 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.478 | -1.2 | 82 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143221.D
Acq On : 23 Jul 2025 19:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:20:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/22/2025 09:45

Lab File ID: BP025207.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.169 | | -1.3 | |
| Phenol-d6 | 1.466 | 1.473 | | 0.5 | |
| Nitrobenzene-d5 | 0.360 | 0.359 | | -0.3 | |
| Naphthalene | 1.023 | 1.011 | | -1.2 | |
| 2-Methylnaphthalene | 0.665 | 0.652 | | -2.0 | |
| 2-Fluorobiphenyl | 1.419 | 1.463 | | 3.1 | |
| Acenaphthylene | 1.831 | 1.859 | | 1.5 | |
| Acenaphthene | 1.059 | 1.064 | | 0.5 | 20.0 |
| Fluorene | 1.358 | 1.377 | | 1.4 | |
| 2,4,6-Tribromophenol | 0.295 | 0.299 | | 1.4 | |
| Phenanthrene | 1.079 | 1.082 | | 0.3 | |
| Anthracene | 1.087 | 1.107 | | 1.8 | |
| Fluoranthene | 1.270 | 1.296 | | 2.0 | 20.0 |
| Pyrene | 1.233 | 1.234 | | 0.1 | |
| Terphenyl-d14 | 1.013 | 0.994 | | -1.9 | |
| Benzo(a)anthracene | 1.263 | 1.260 | | -0.2 | |
| Chrysene | 1.179 | 1.146 | | -2.8 | |
| Benzo(b)fluoranthene | 1.145 | 1.142 | | -0.3 | |
| Benzo(k)fluoranthene | 1.130 | 1.102 | | -2.5 | |
| Benzo(a)pyrene | 1.117 | 1.097 | | -1.8 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.427 | | -2.4 | |
| Dibenzo(a,h)anthracene | 1.192 | 1.164 | | -2.3 | |
| Benzo(g,h,i)perylene | 1.172 | 1.139 | | -2.8 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.425 | 152 | 518495 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2112482 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.072 | 164 | 1361964 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 2757839 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 3009908 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.442 | 264 | 3535256 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 2425075 | 79.027 | ng | | 0.00 |
| 7) Phenol-d6 | 6.631 | 99 | 3054760 | 80.374 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.554 | 82 | 3030019 | 79.711 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 1629244 | 81.144 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7969114 | 82.491 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11965520 | 78.475 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 463086 | 40.265 | ng | | 99 |
| 3) Pyridine | 3.490 | 79 | 1223577 | 39.744 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 485267 | 39.746 | ng | | 95 |
| 6) Aniline | 6.772 | 93 | 1999490 | 40.247 | ng | | 100 |
| 8) 2-Chlorophenol | 7.002 | 128 | 1380335 | 39.644 | ng | | 100 |
| 9) Benzaldehyde | 6.590 | 77 | 558250 | 21.664 | ng | | 100 |
| 10) Phenol | 6.655 | 94 | 1574243 | 39.940 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.866 | 93 | 1207296 | 39.952 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.313 | 146 | 1544490 | 39.446 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1561362 | 39.505 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.766 | 146 | 1508118 | 39.666 | ng | | 99 |
| 15) Benzyl Alcohol | 7.660 | 79 | 1089822 | 39.752 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.943 | 45 | 1532016 | 39.623 | ng | | 99 |
| 17) 2-Methylphenol | 7.866 | 107 | 1090452 | 39.905 | ng | | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 540308 | 39.753 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.225 | 70 | 930190 | 40.683 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.190 | 107 | 1465307 | 39.311 | ng | | 99 |
| 22) Acetophenone | 8.231 | 105 | 1957009 | 39.812 | ng | # | 99 |
| 24) Nitrobenzene | 8.596 | 77 | 1354910 | 39.985 | ng | | 97 |
| 25) Isophorone | 9.119 | 82 | 2660042 | 39.793 | ng | | 99 |
| 26) 2-Nitrophenol | 9.296 | 139 | 764629 | 39.295 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 9.366 | 122 | 1286595 | 39.514 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 1663010 | 39.774 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 1325228 | 39.617 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.037 | 180 | 1415875 | 38.753 | ng | | 99 |
| 31) Naphthalene | 10.219 | 128 | 4273231 | 39.531 | ng | | 100 |
| 32) Benzoic acid | 9.519 | 122 | 997204 | 40.117 | ng | | 100 |
| 33) 4-Chloroaniline | 10.331 | 127 | 1904319 | 40.076 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 854879 | 38.875 | ng | | 99 |
| 35) Caprolactam | 11.107 | 113 | 448126 | 40.364 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.472 | 107 | 1336748 | 39.976 | ng | | 98 |
| 37) 2-Methylnaphthalene | 11.842 | 142 | 2754497 | 39.242 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 2924334 | 39.661 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.219 | 216 | 1601181 | 39.221 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.207 | 237 | 1014403 | 41.625 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.472 | 196 | 1096323 | 39.303 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

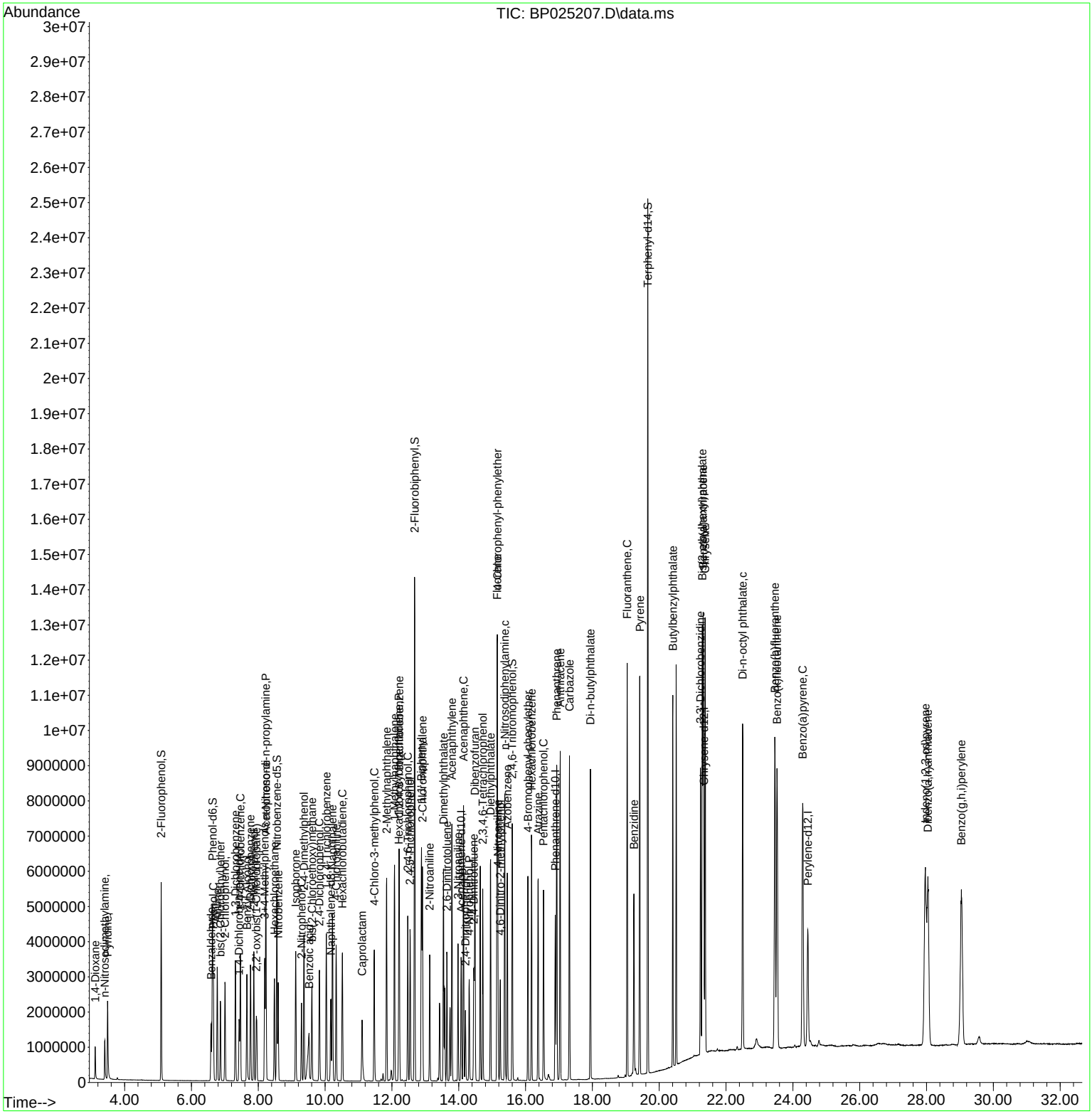
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.542 | 196 | 1214535 | 39.566 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.884 | 154 | 3950355 | 40.011 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.913 | 162 | 3027199 | 39.272 | ng | 100 |
| 48) 2-Nitroaniline | 13.131 | 65 | 809532 | 41.124 | ng | 97 |
| 49) Acenaphthylene | 13.795 | 152 | 5062462 | 40.605 | ng | 100 |
| 50) Dimethylphthalate | 13.542 | 163 | 3909321 | 40.135 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.648 | 165 | 862324 | 40.744 | ng | 99 |
| 52) Acenaphthene | 14.142 | 154 | 2898523 | 40.205 | ng | 99 |
| 53) 3-Nitroaniline | 13.978 | 138 | 983105 | 41.192 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 507149 | 40.443 | ng | 98 |
| 55) Dibenzofuran | 14.484 | 168 | 4687689 | 40.254 | ng | 100 |
| 56) 4-Nitrophenol | 14.313 | 139 | 835643 | 40.917 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.448 | 165 | 1234188 | 41.660 | ng | 99 |
| 58) Fluorene | 15.148 | 166 | 3750723 | 40.569 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.719 | 232 | 1103688 | 40.628 | ng | 99 |
| 60) Diethylphthalate | 14.954 | 149 | 3857221 | 40.178 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 1891590 | 40.491 | ng | 99 |
| 62) 4-Nitroaniline | 15.172 | 138 | 1013030 | 41.736 | ng | 100 |
| 63) Azobenzene | 15.454 | 77 | 3169050 | 40.508 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 706886 | 39.717 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 3343811 | 39.946 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1273621 | 39.571 | ng | 99 |
| 68) Hexachlorobenzene | 16.178 | 284 | 1502136 | 39.300 | ng | 96 |
| 69) Atrazine | 16.378 | 200 | 1252019 | 40.420 | ng | 99 |
| 70) Pentachlorophenol | 16.536 | 266 | 1040121 | 40.017 | ng | 99 |
| 71) Phenanthrene | 16.930 | 178 | 5969977 | 40.136 | ng | 99 |
| 72) Anthracene | 17.036 | 178 | 6105908 | 40.748 | ng | 100 |
| 73) Carbazole | 17.313 | 167 | 5750854 | 40.204 | ng | 100 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 6889127 | 41.740 | ng | 100 |
| 75) Fluoranthene | 19.042 | 202 | 7147505 | 40.829 | ng | 99 |
| 77) Benzidine | 19.242 | 184 | 3254391 | 30.797 | ng | 99 |
| 78) Pyrene | 19.419 | 202 | 7430372 | 40.037 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3240787 | 38.577 | ng | 99 |
| 81) Benzo(a)anthracene | 21.313 | 228 | 7587133 | 39.916 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.236 | 252 | 2981932 | 37.846 | ng | 100 |
| 83) Chrysene | 21.371 | 228 | 6901176 | 38.894 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 4820387 | 40.129 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.495 | 149 | 8355542 | 40.281 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.965 | 276 | 10087175 | 39.045 | ng | 96 |
| 88) Benzo(b)fluoranthene | 23.460 | 252 | 8075955 | 39.909 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.524 | 252 | 7791858 | 39.003 | ng | 100 |
| 90) Benzo(a)pyrene | 24.295 | 252 | 7755162 | 39.278 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.042 | 278 | 8228589 | 39.040 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.042 | 276 | 8055533 | 38.890 | ng | 99 |

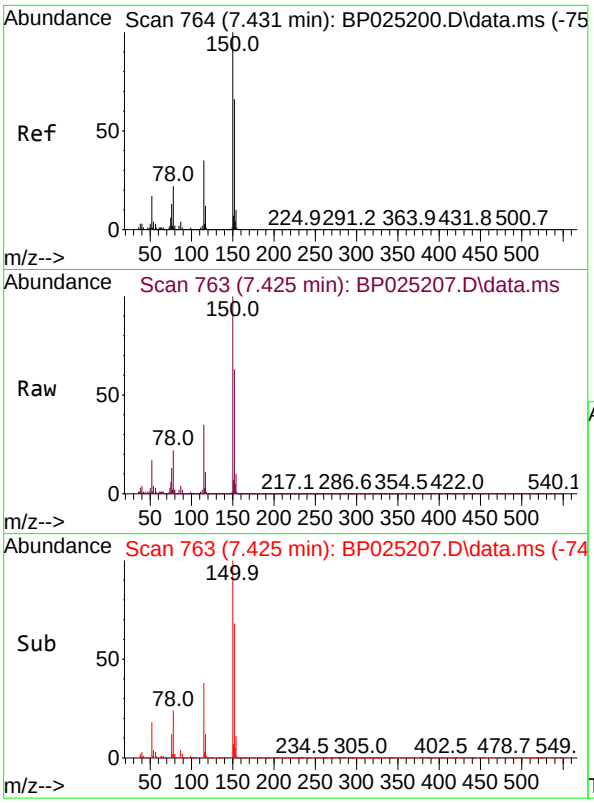
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



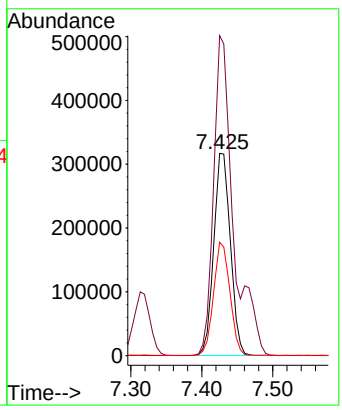


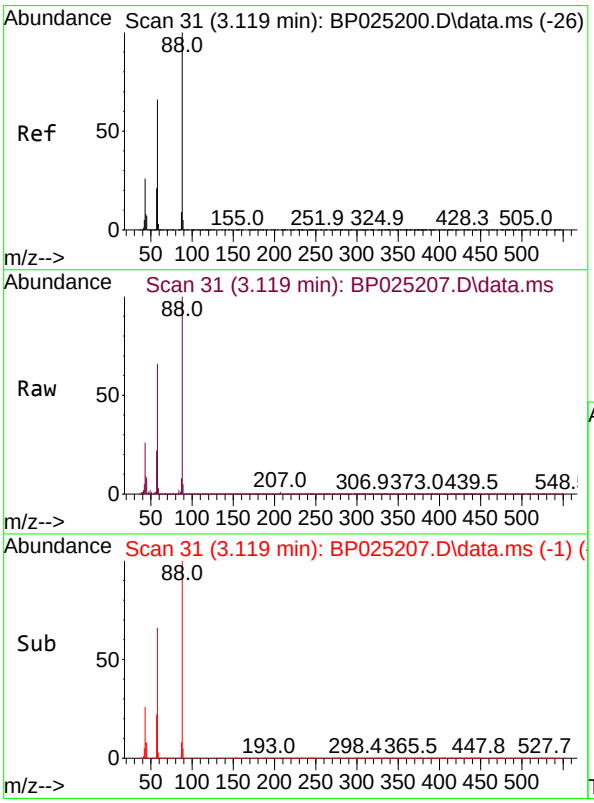

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 518495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 121.9 | 182.9 |
| 115 | 56.1 | 43.0 | 64.6 |

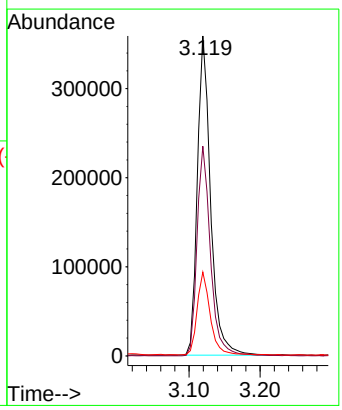


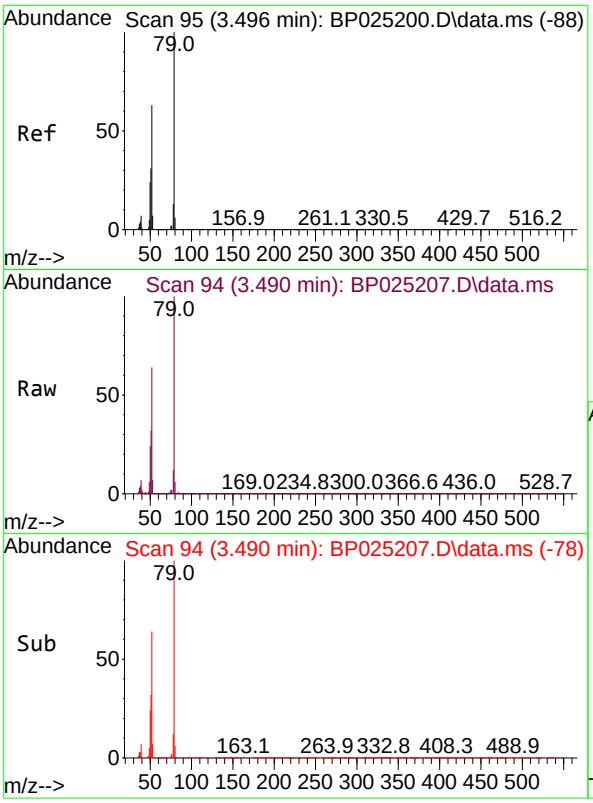




#2
1,4-Dioxane
Concen: 40.265 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 88 Resp: 463086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 53.5 | 80.3 |
| 43 | 25.4 | 20.8 | 31.2 |



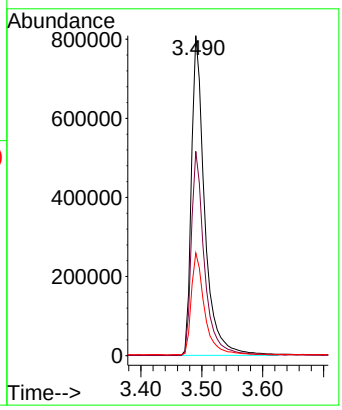


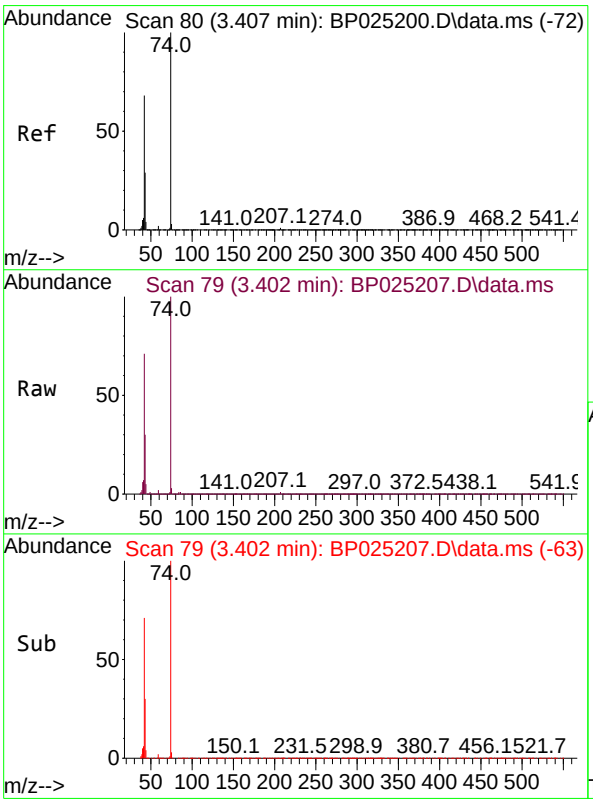

#3
Pyridine
Concen: 39.744 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1223577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.9 | 50.2 | 75.4 |
| 51 | 32.1 | 25.0 | 37.4 |

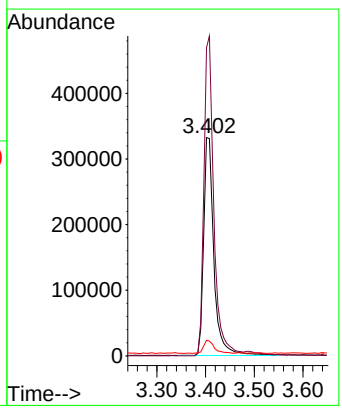


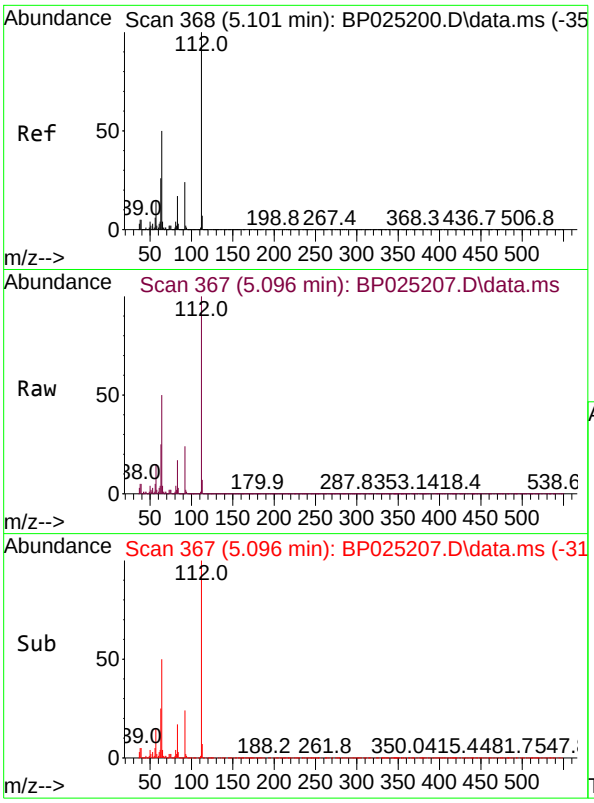




#4
n-Nitrosodimethylamine
Concen: 39.746 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 42 Resp: 485267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.1 | 118.0 | 177.0 |
| 44 | 7.2 | 5.5 | 8.3 |



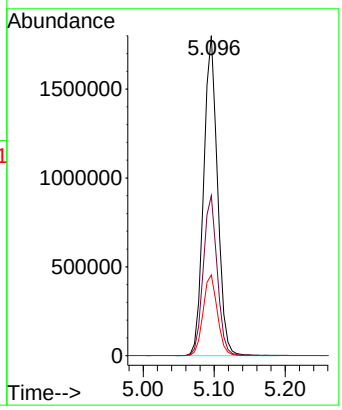


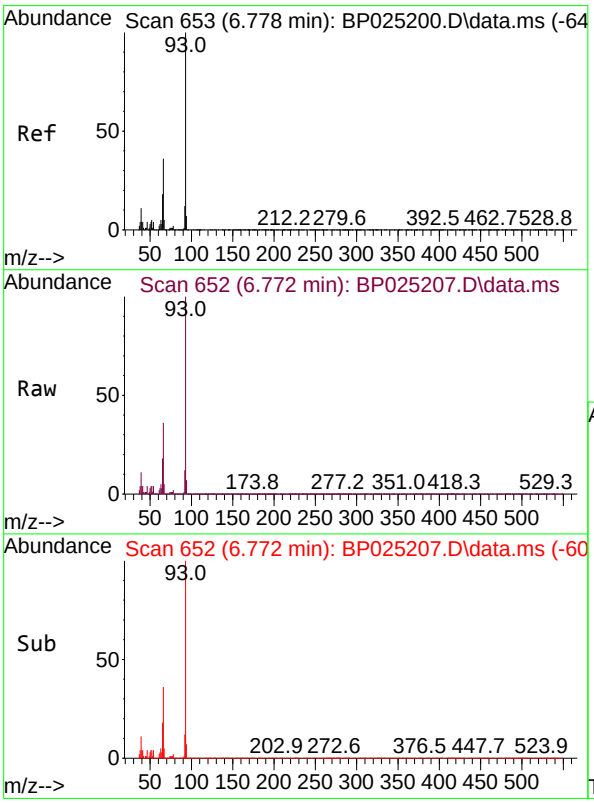

#5
2-Fluorophenol
Concen: 79.027 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 2425075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.0 | 39.8 | 59.6 |
| 63 | 25.2 | 20.5 | 30.7 |

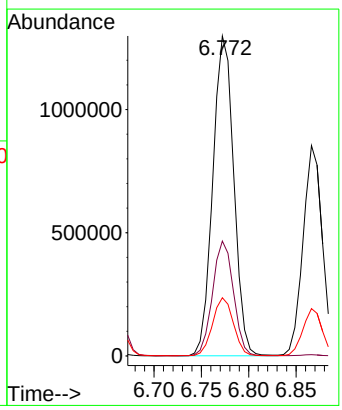


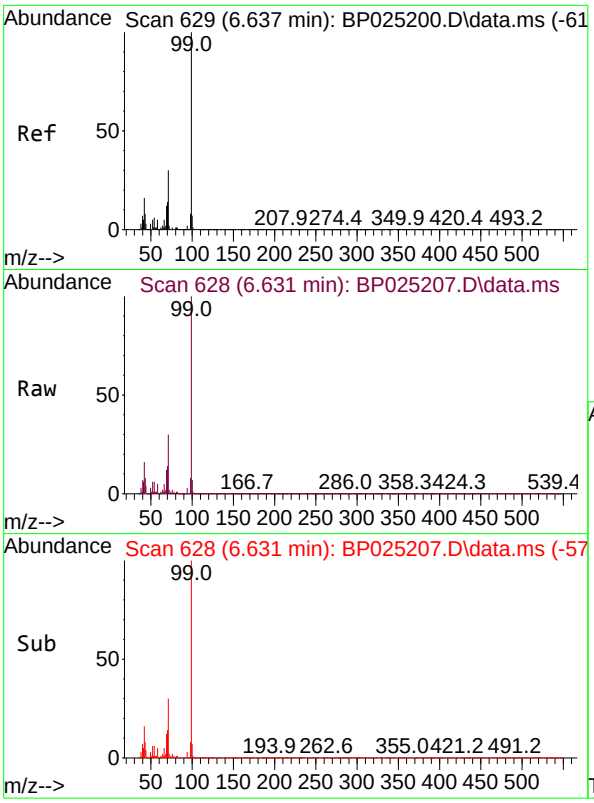




#6
Aniline
Concen: 40.247 ng
RT: 6.772 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 93 Resp: 1999490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.9 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



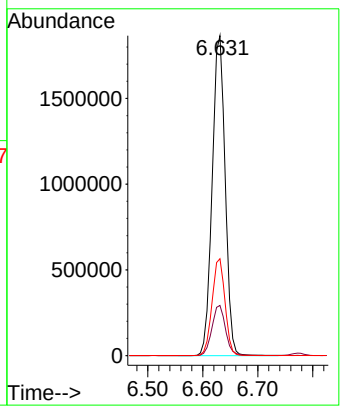


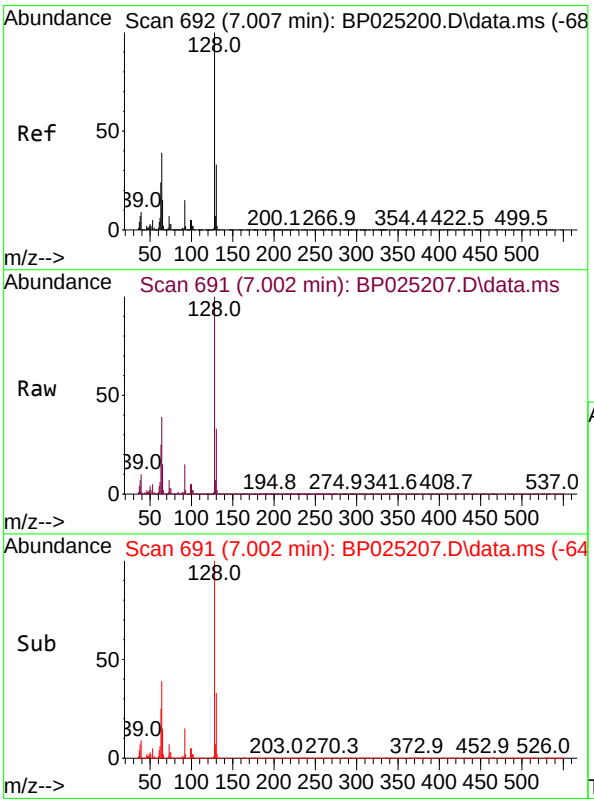

#7
Phenol-d6
Concen: 80.374 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 3054760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.3 | 24.2 | 36.2 |

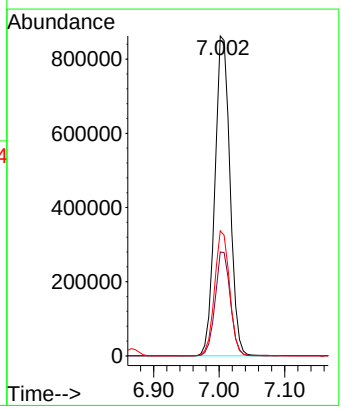


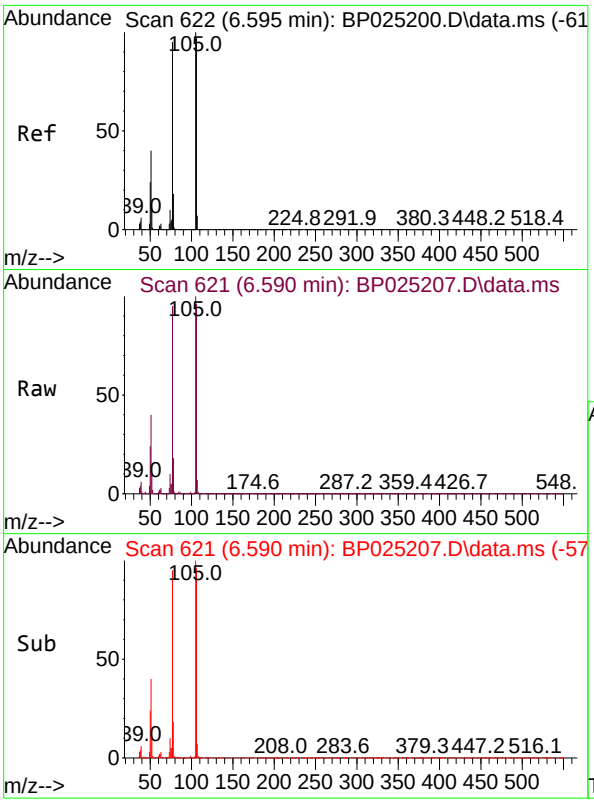




#8
2-Chlorophenol
Concen: 39.644 ng
RT: 7.002 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:128 Resp: 1380335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.9 | 52.9 |
| 64 | 39.1 | 19.2 | 59.2 |



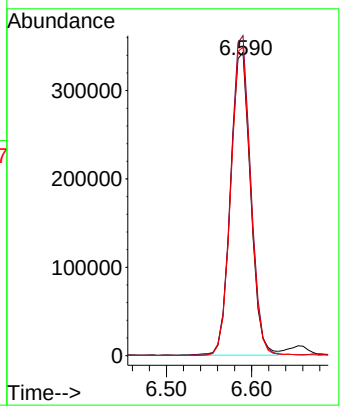


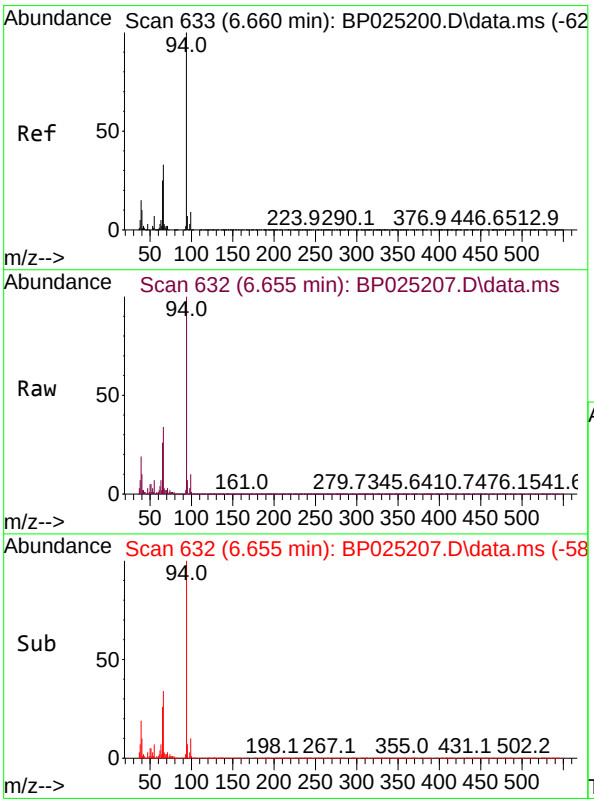

#9
Benzaldehyde
Concen: 21.664 ng
RT: 6.590 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 558250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.6 | 85.5 | 125.5 |
| 106 | 101.8 | 81.9 | 121.9 |

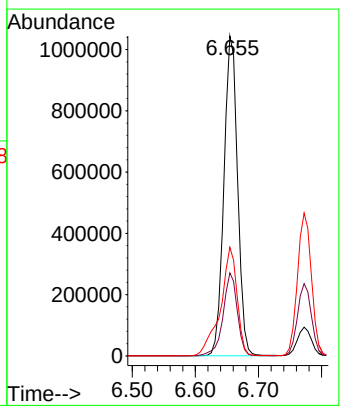


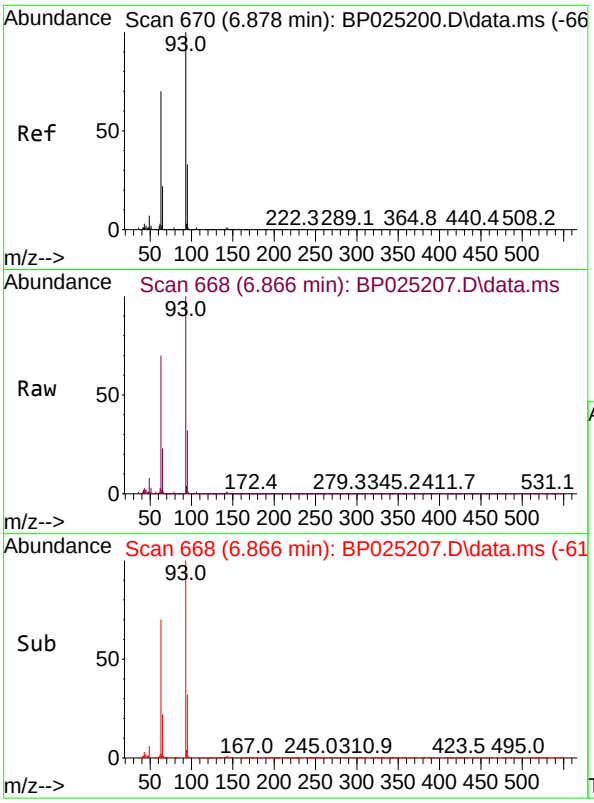




#10
Phenol
Concen: 39.940 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 94 Resp: 1574243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.9 | 5.4 | 45.4 |
| 66 | 33.9 | 13.5 | 53.5 |



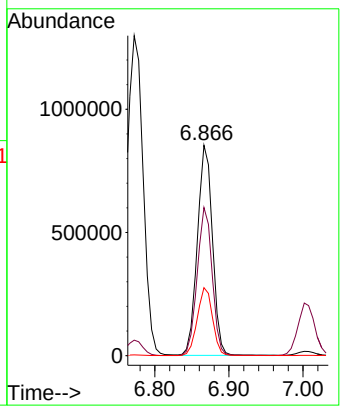


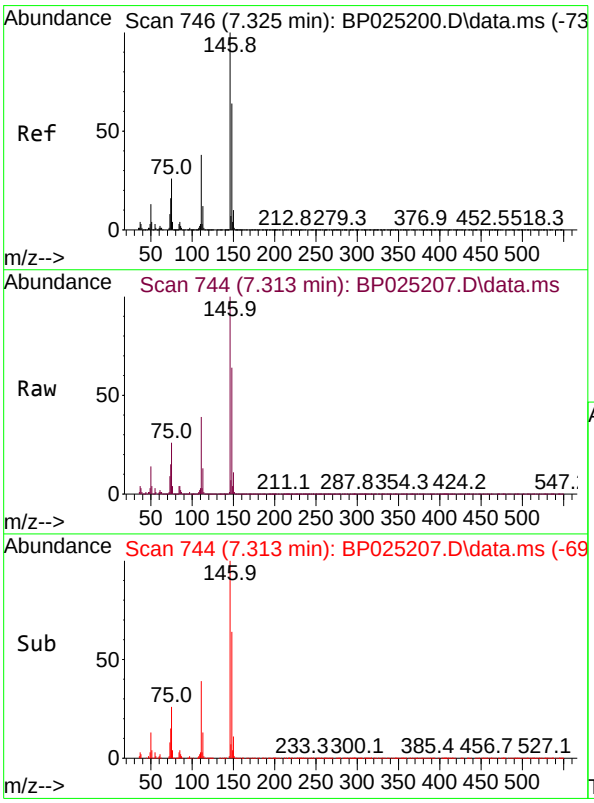

#11
bis(2-Chloroethyl)ether
Concen: 39.952 ng
RT: 6.866 min Scan# 6
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 1207296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.4 | 50.0 | 90.0 |
| 95 | 32.3 | 12.9 | 52.9 |

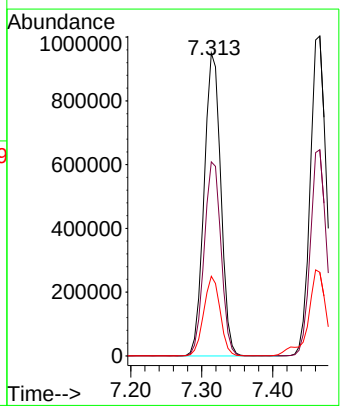


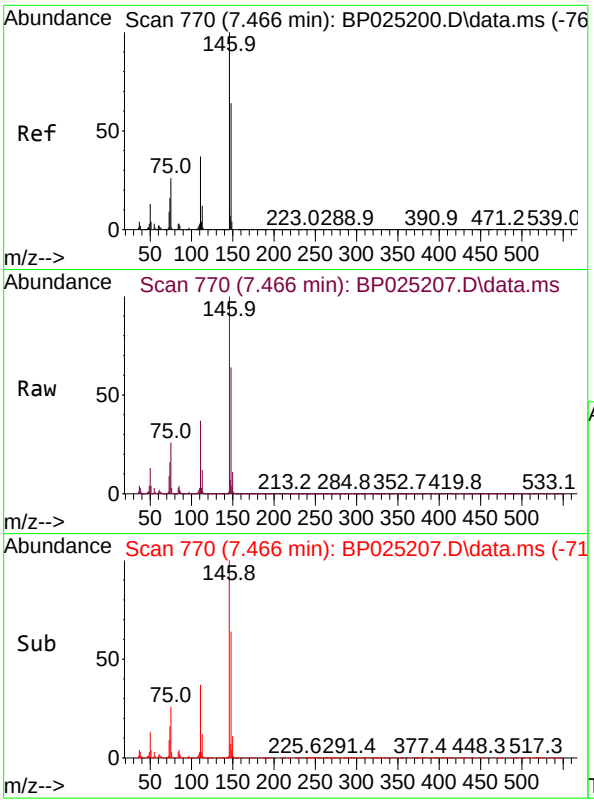




#12
1,3-Dichlorobenzene
Concen: 39.446 ng
RT: 7.313 min Scan# 744
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:146 Resp: 1544490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.4 | 77.0 |
| 75 | 26.3 | 20.6 | 31.0 |



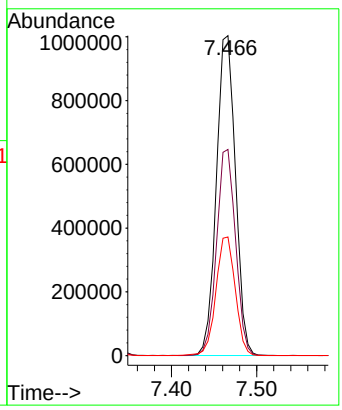


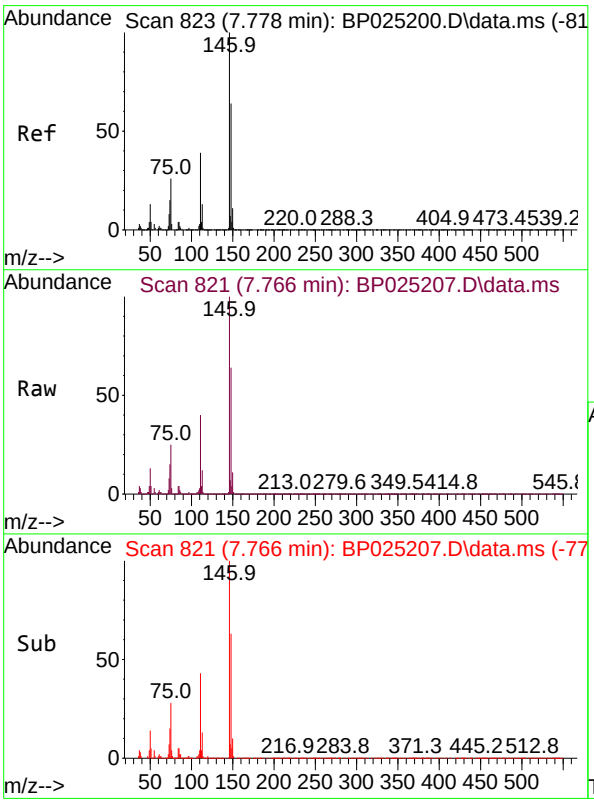

#13
1,4-Dichlorobenzene
Concen: 39.505 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 1561362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.4 | 77.2 |
| 111 | 37.1 | 29.9 | 44.9 |

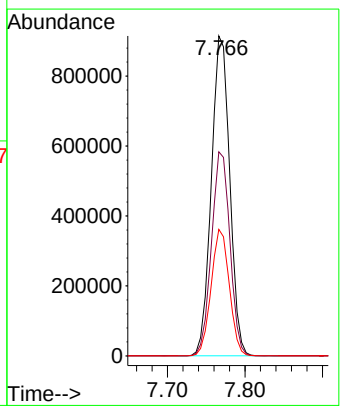


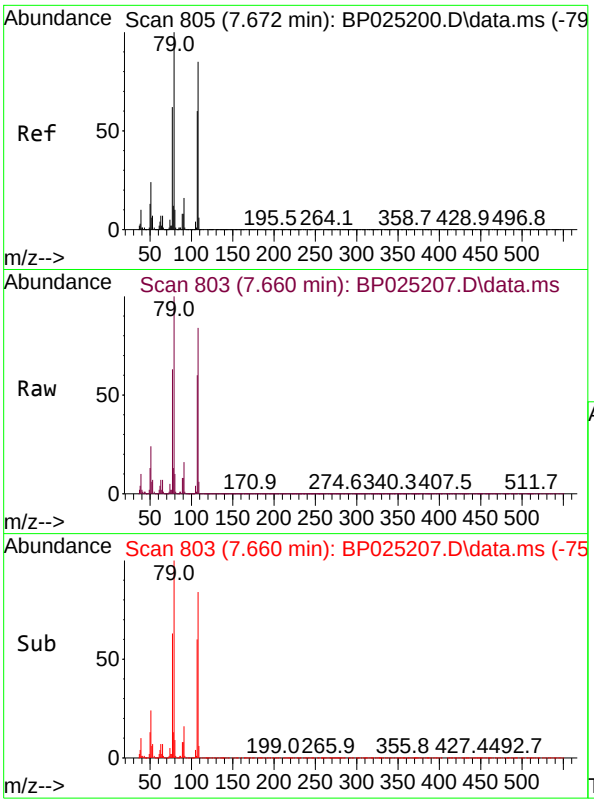




#14
1,2-Dichlorobenzene
Concen: 39.666 ng
RT: 7.766 min Scan# 821
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:146 Resp: 1508118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.5 | 77.3 |
| 111 | 39.5 | 31.3 | 46.9 |



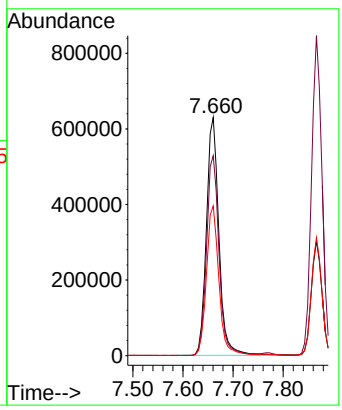


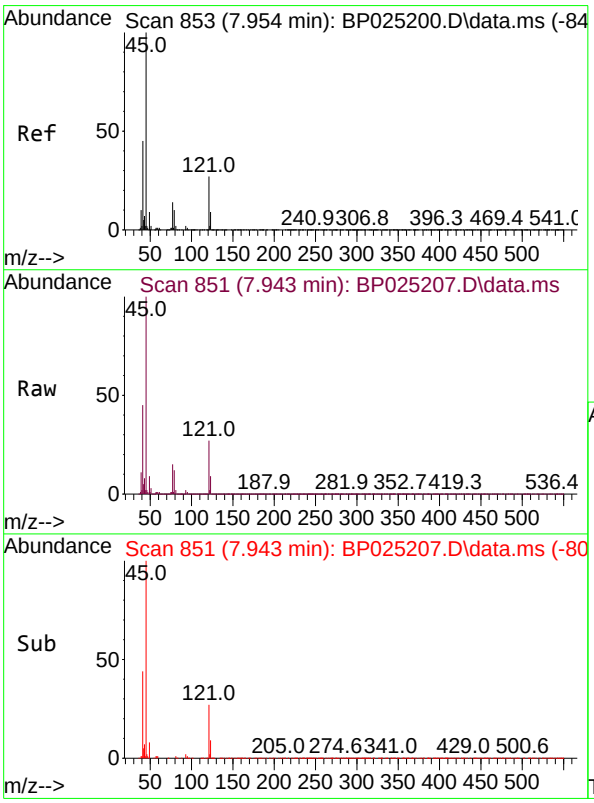

#15
Benzyl Alcohol
Concen: 39.752 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1089822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.0 | 67.8 | 101.6 |
| 77 | 62.9 | 49.9 | 74.9 |

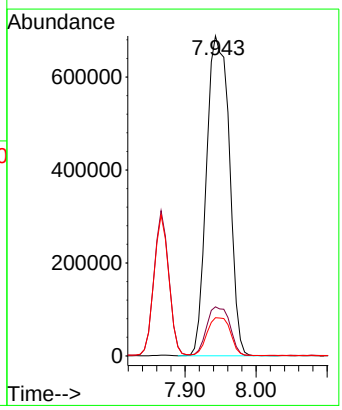


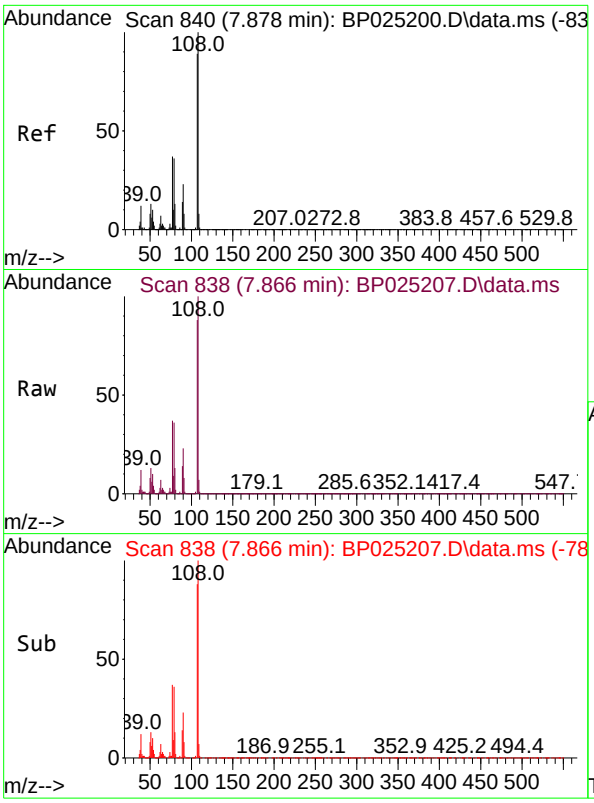




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.623 ng
RT: 7.943 min Scan# 851
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 45 Resp: 1532016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.3 | 0.0 | 36.0 |
| 79 | 11.9 | 0.0 | 31.7 |



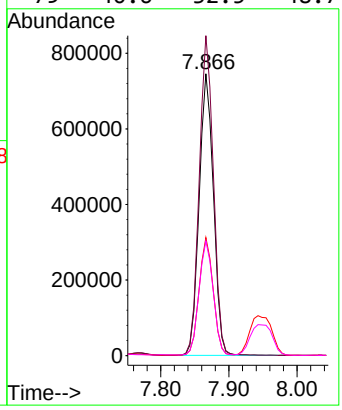


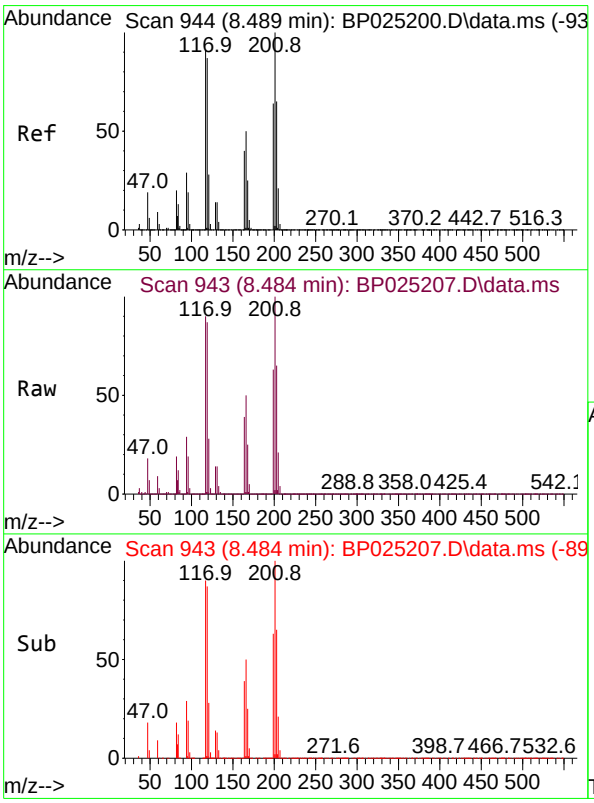

#17
2-Methylphenol
Concen: 39.905 ng
RT: 7.866 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 1090452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 89.8 | 134.8 |
| 77 | 41.9 | 33.2 | 49.8 |
| 79 | 40.6 | 32.5 | 48.7 |

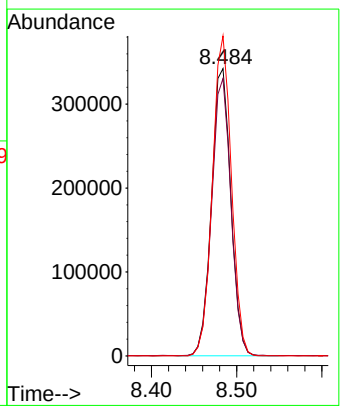


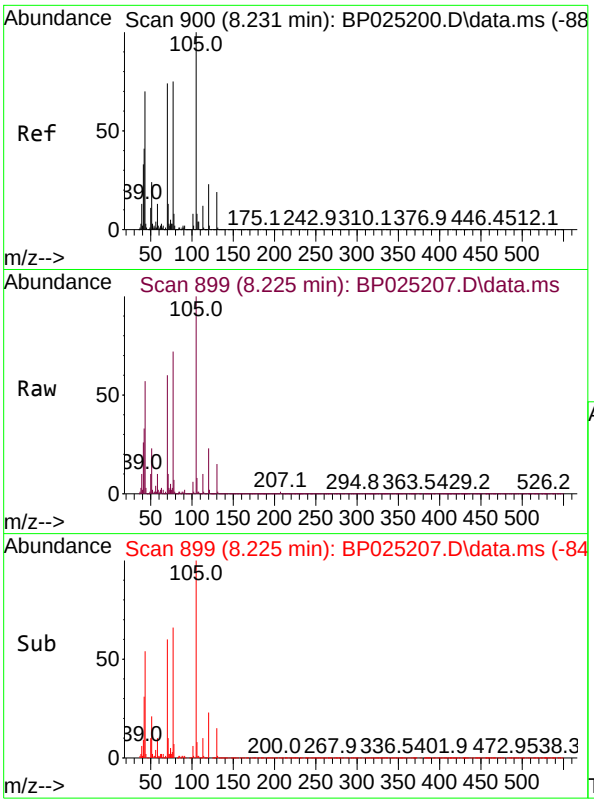




#18
Hexachloroethane
Concen: 39.753 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:117 Resp: 540308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 77.0 | 115.6 |
| 201 | 111.4 | 88.3 | 132.5 |



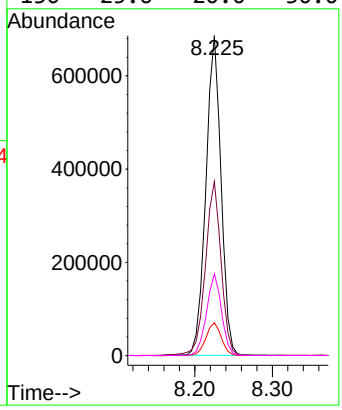


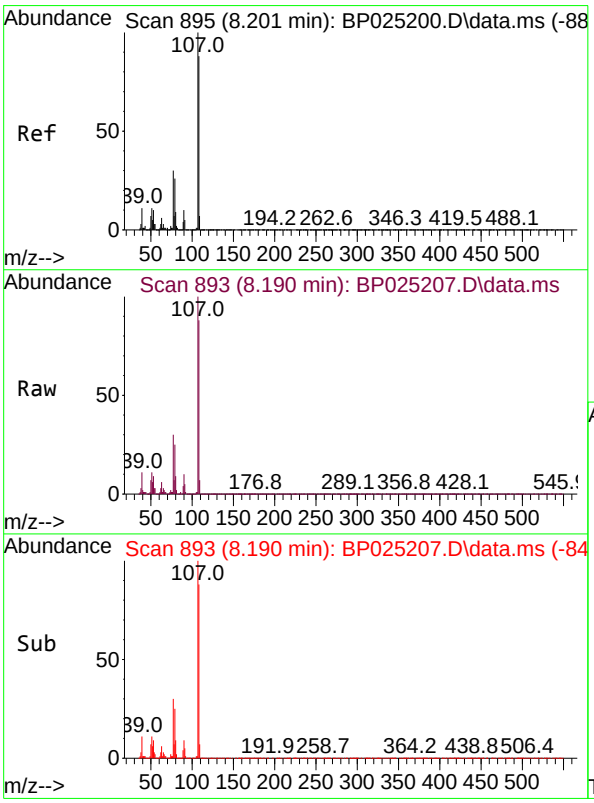

#19
n-Nitroso-di-n-propylamine
Concen: 40.683 ng
RT: 8.225 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 930190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.4 | 44.2 | 66.2 |
| 101 | 10.3 | 8.6 | 12.8 |
| 130 | 25.6 | 20.0 | 30.0 |

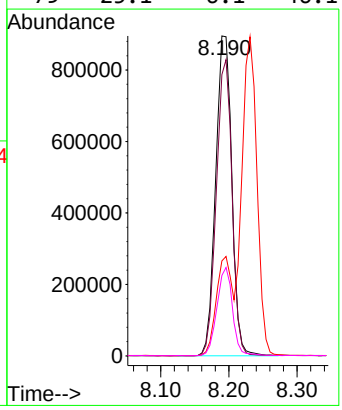


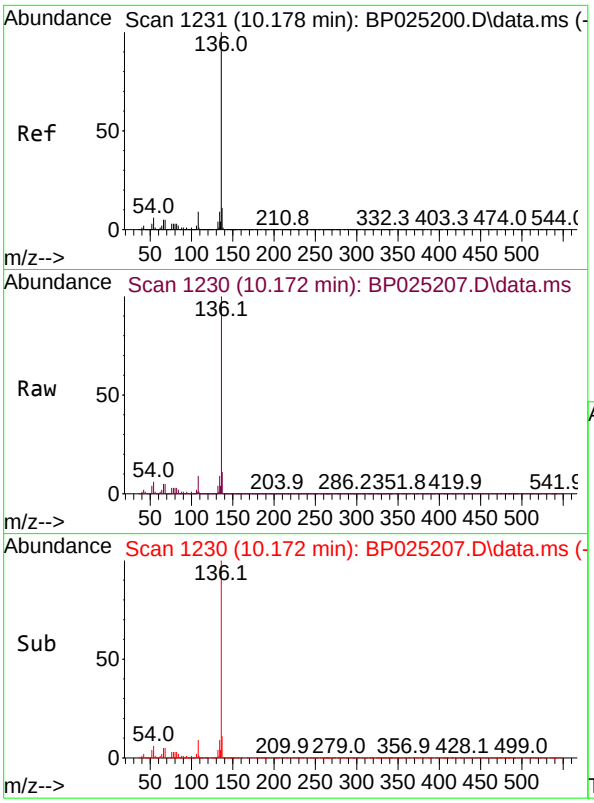




#20
3+4-Methylphenols
Concen: 39.311 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:107 Resp: 1465307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.9 | 67.8 | 107.8 |
| 77 | 29.7 | 10.3 | 50.3 |
| 79 | 25.1 | 6.1 | 46.1 |



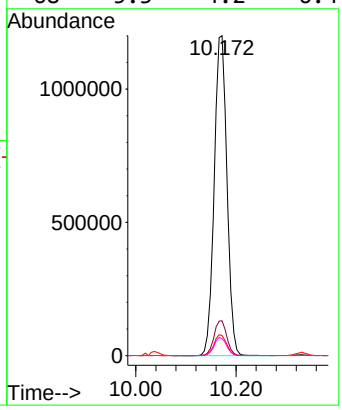


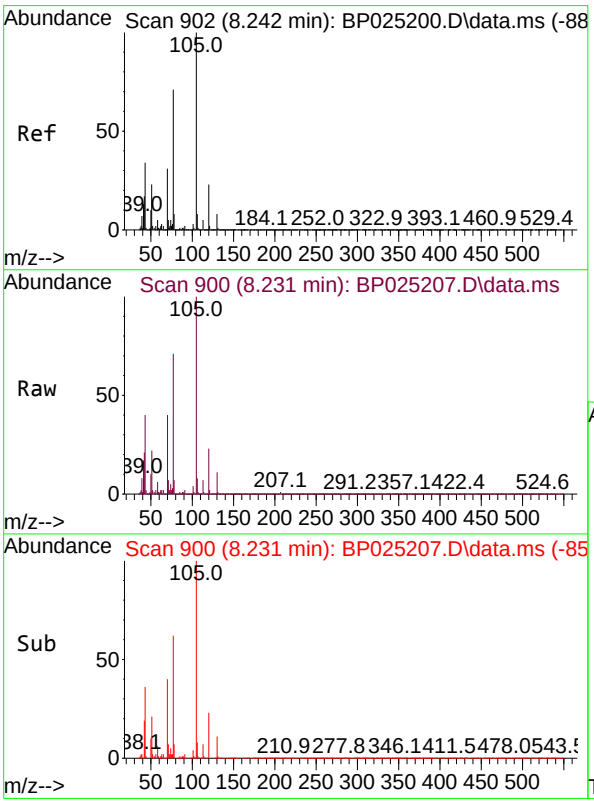

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 2112482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 6.3 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |

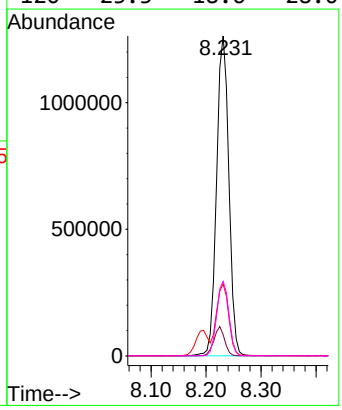


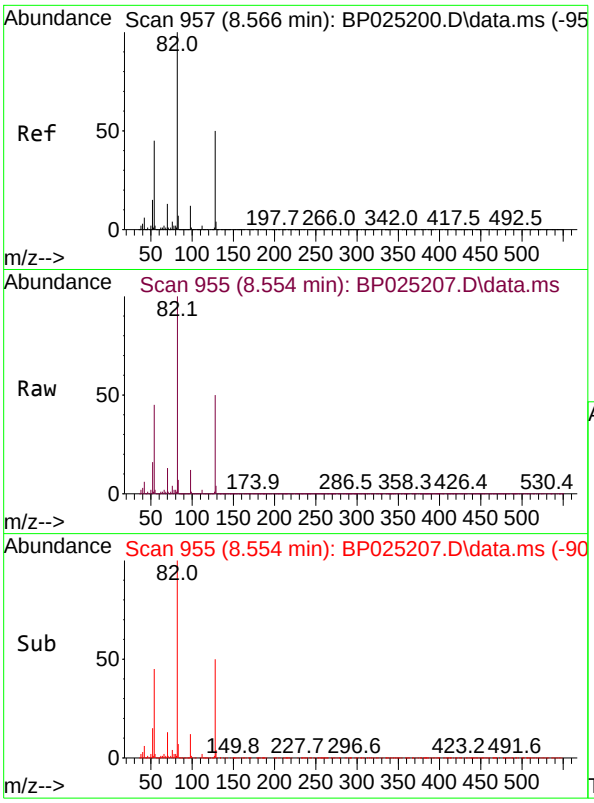




#22
Acetophenone
Concen: 39.812 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:105 Resp: 1957009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.6 | 4.1 | 6.1# |
| 51 | 22.5 | 18.5 | 27.7 |
| 120 | 23.3 | 18.6 | 28.0 |



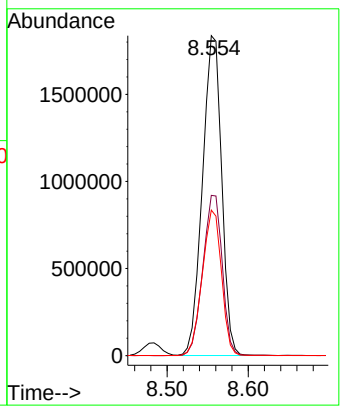


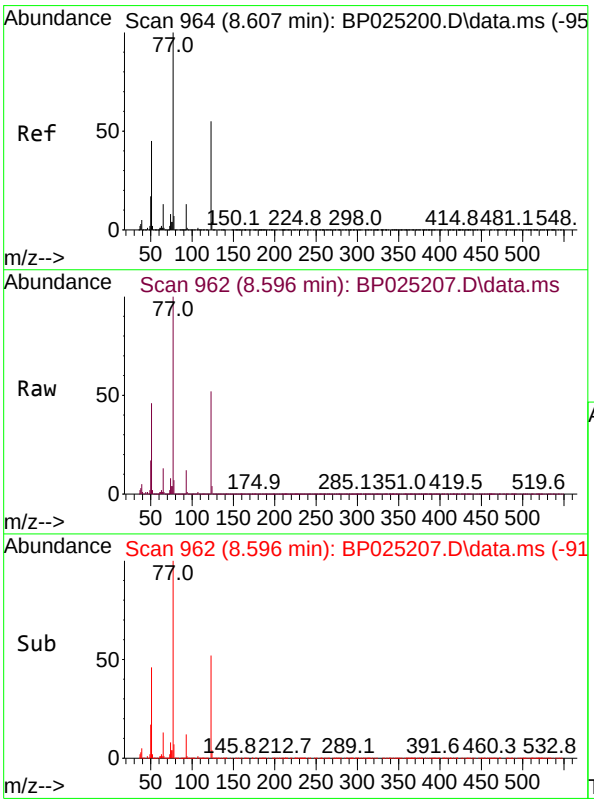

#23
Nitrobenzene-d5
Concen: 79.711 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 3030019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.1 | 40.2 | 60.4 |
| 54 | 45.5 | 36.3 | 54.5 |

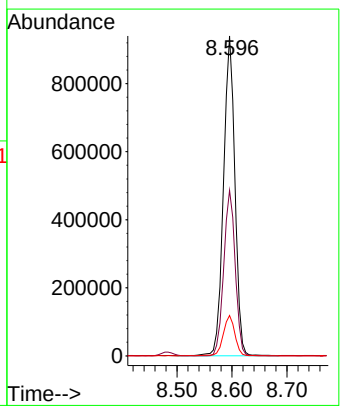


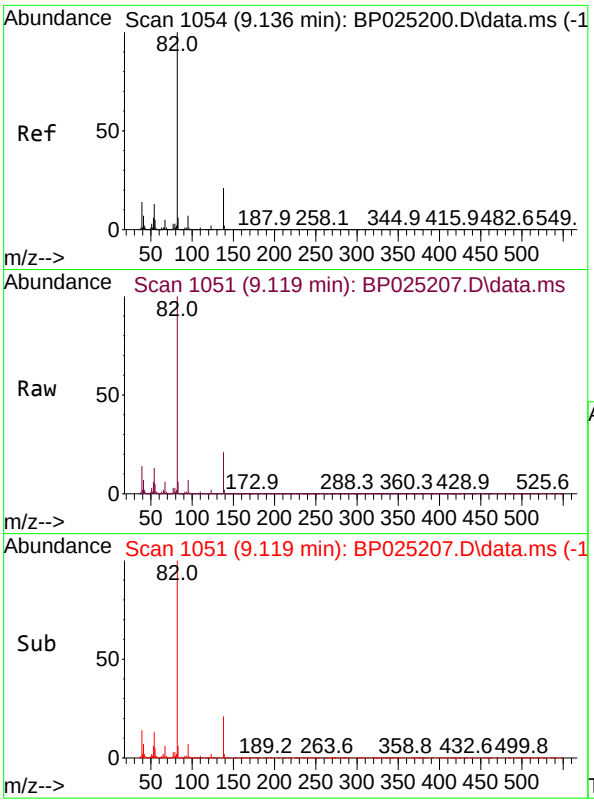




#24
Nitrobenzene
Concen: 39.985 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 77 Resp: 1354910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.7 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |



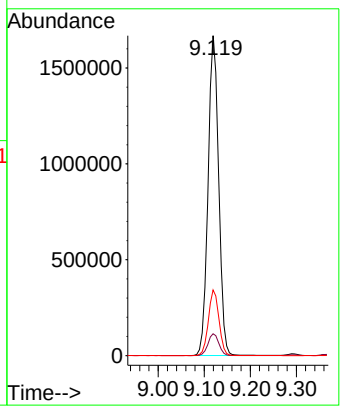


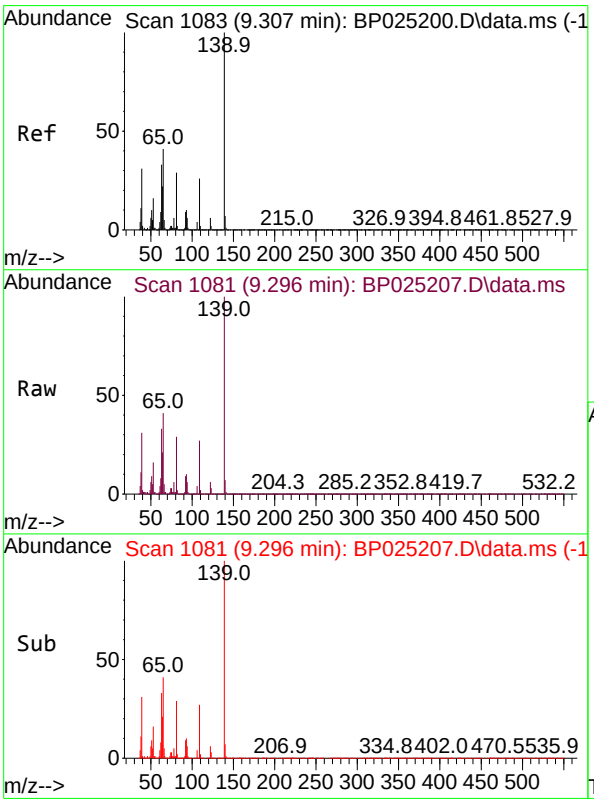

#25
Isophorone
Concen: 39.793 ng
RT: 9.119 min Scan# 10
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 2660042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 5.6 | 8.4 |
| 138 | 20.5 | 16.6 | 25.0 |

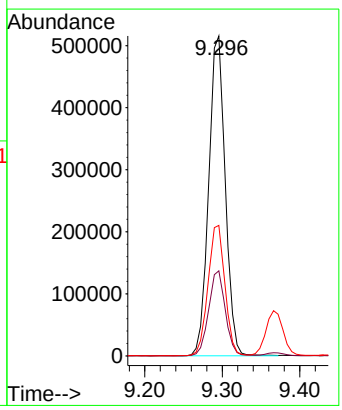


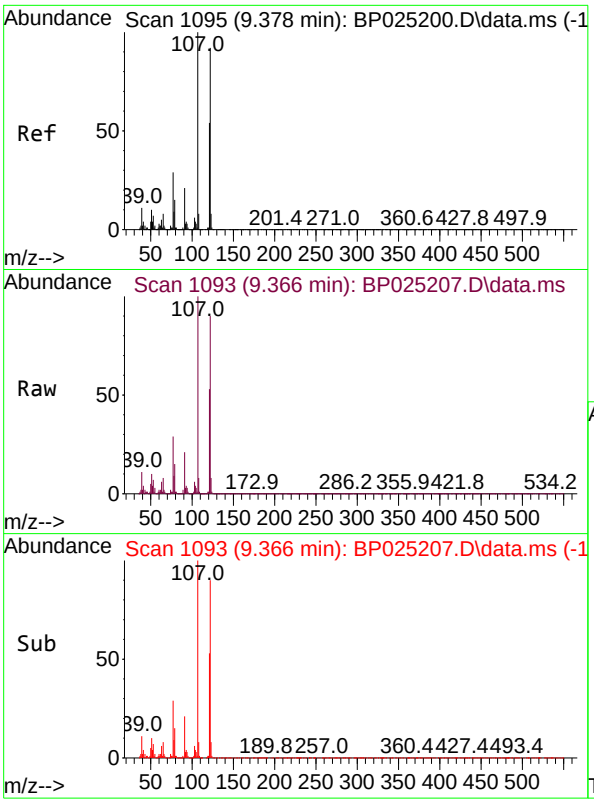




#26
2-Nitrophenol
Concen: 39.295 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:139 Resp: 764629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 21.0 | 31.6 |
| 65 | 40.8 | 32.7 | 49.1 |



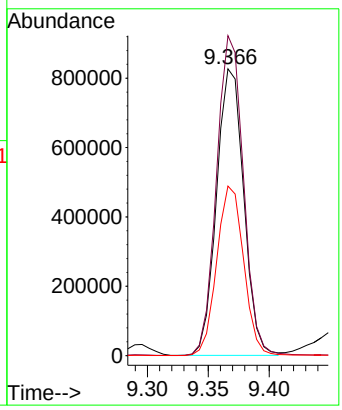


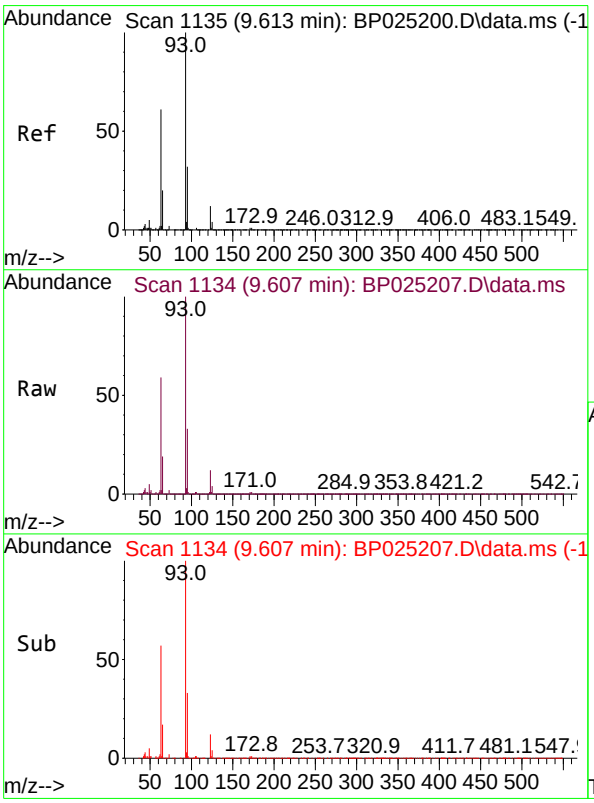

#27
2,4-Dimethylphenol
Concen: 39.514 ng
RT: 9.366 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 1286595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.6 | 87.0 | 130.4 |
| 121 | 59.1 | 46.7 | 70.1 |

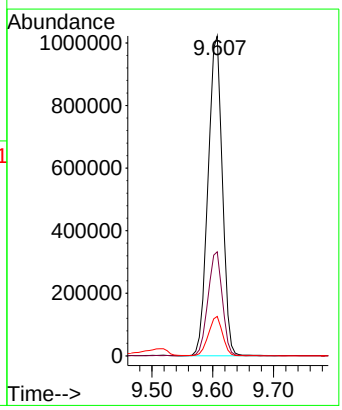


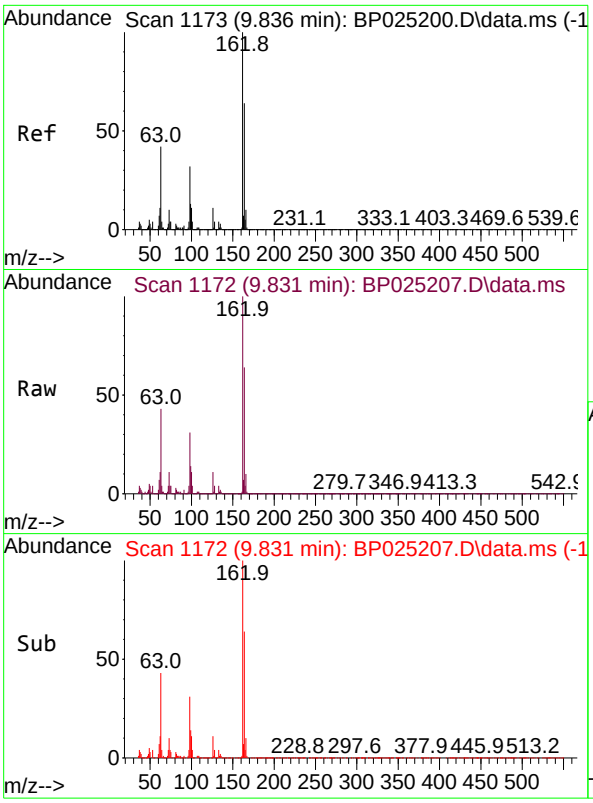




#28
bis(2-Chloroethoxy)methane
Concen: 39.774 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 93 Resp: 1663010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.0 | 39.0 |
| 123 | 12.3 | 9.8 | 14.6 |



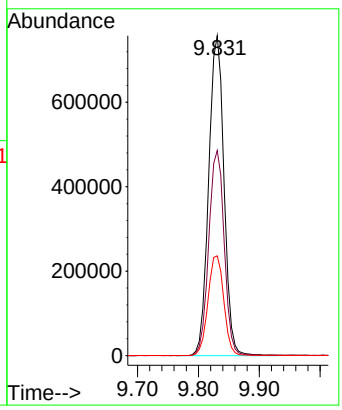


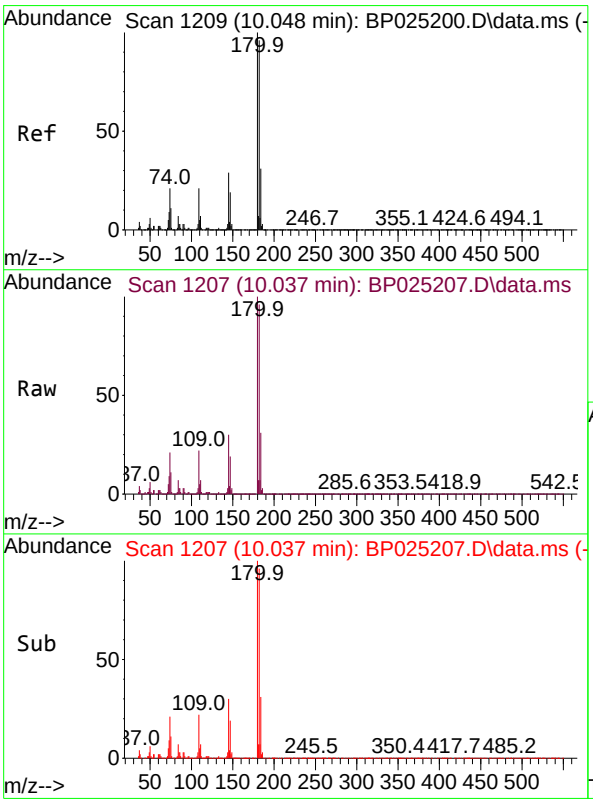

#29
2,4-Dichlorophenol
Concen: 39.617 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 1325228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 44.2 | 84.2 |
| 98 | 31.2 | 11.7 | 51.7 |

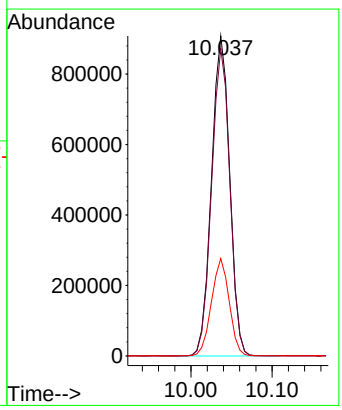


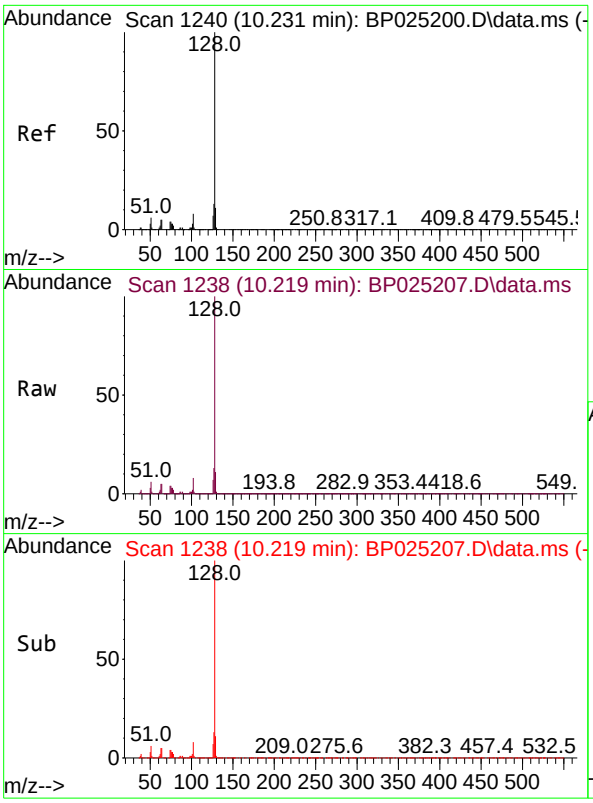




#30
1,2,4-Trichlorobenzene
Concen: 38.753 ng
RT: 10.037 min Scan# 1207
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:180 Resp: 1415875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 76.7 | 115.1 |
| 145 | 30.4 | 23.5 | 35.3 |



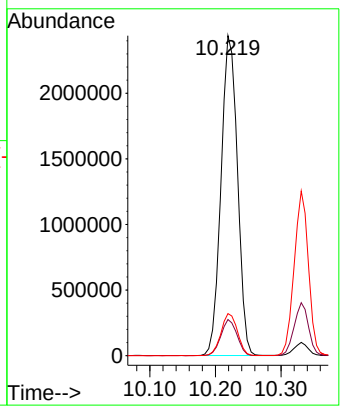


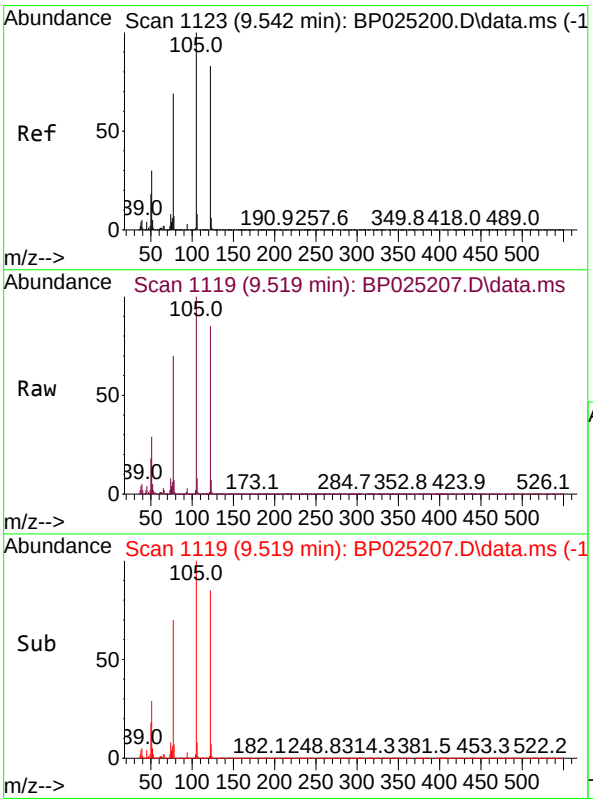

#31
Naphthalene
Concen: 39.531 ng
RT: 10.219 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 4273231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.4 |
| 127 | 13.1 | 10.4 | 15.6 |

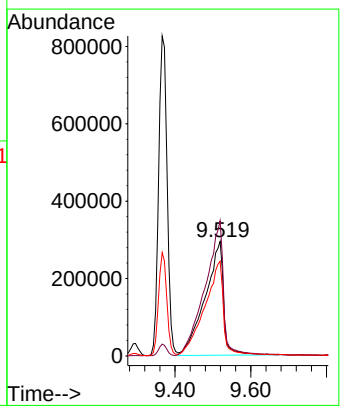


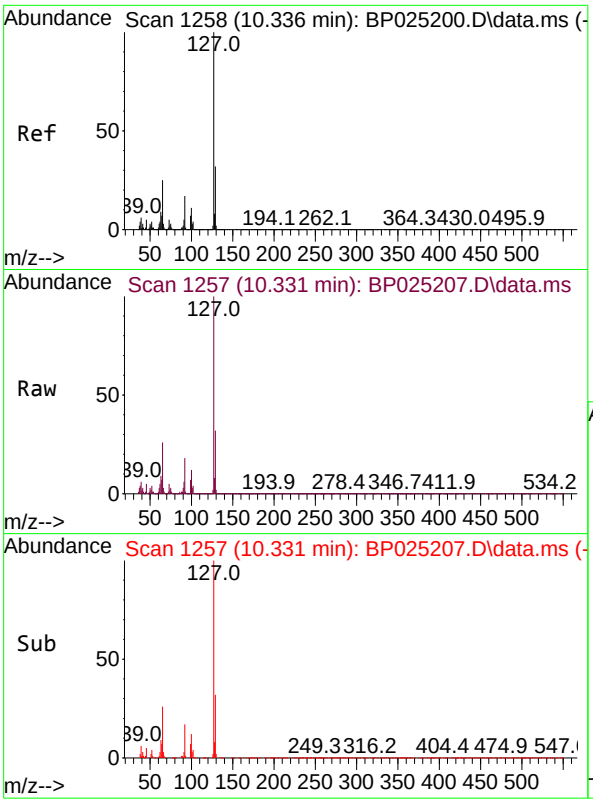




#32
Benzoic acid
Concen: 40.117 ng
RT: 9.519 min Scan# 1119
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:122 Resp: 997204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.0 | 98.1 | 138.1 |
| 77 | 82.7 | 62.7 | 102.7 |



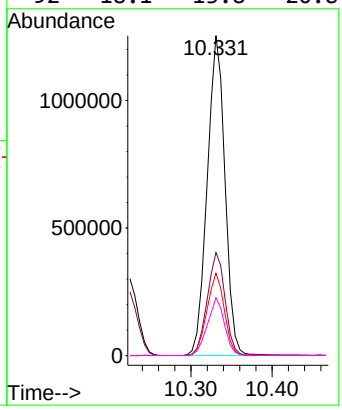


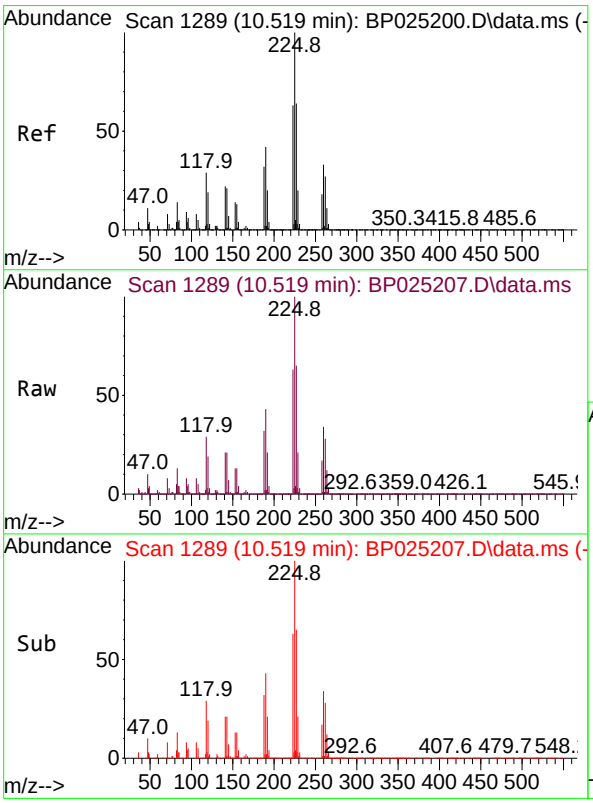

#33
4-Chloroaniline
Concen: 40.076 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 1904319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.9 | 38.9 |
| 65 | 25.7 | 20.2 | 30.4 |
| 92 | 18.1 | 13.8 | 20.8 |

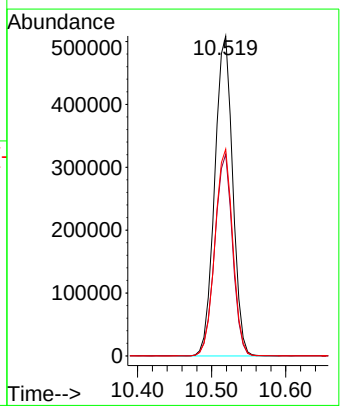


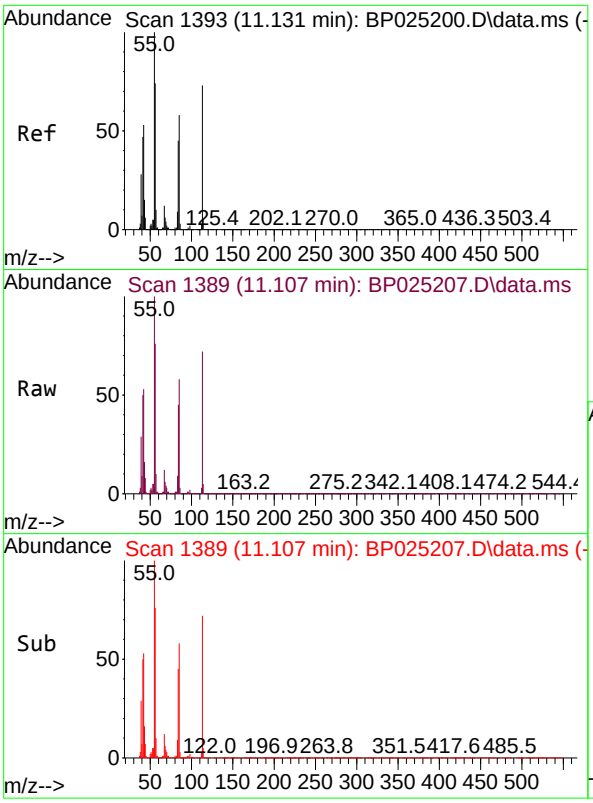




#34
Hexachlorobutadiene
Concen: 38.875 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:225 Resp: 854879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 50.1 | 75.1 |
| 227 | 64.6 | 51.4 | 77.0 |



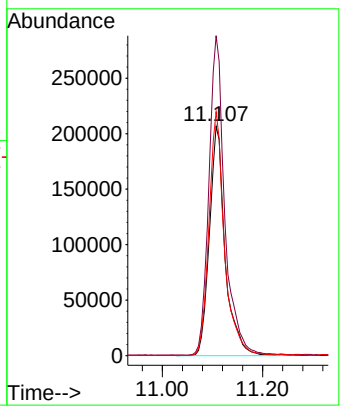


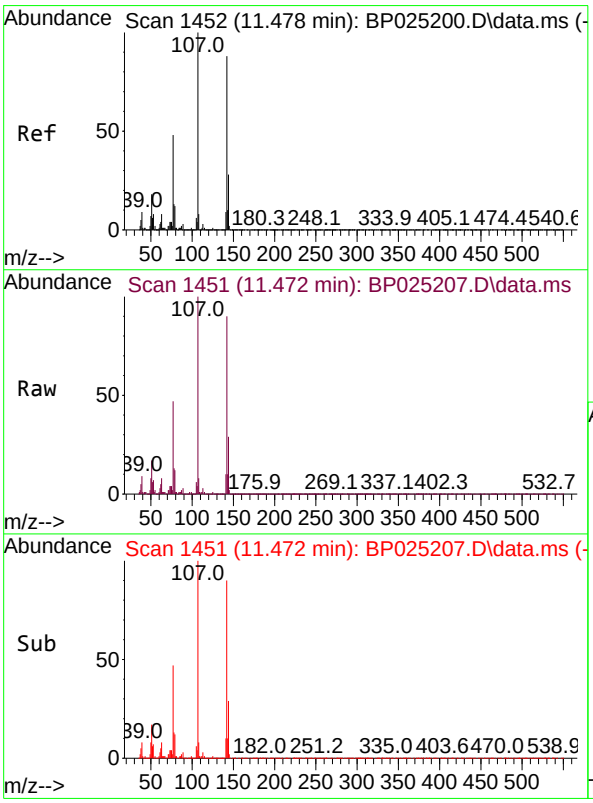

#35
Caprolactam
Concen: 40.364 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 448126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 139.5 | 117.6 | 157.6 |
| 56 | 106.4 | 82.4 | 122.4 |

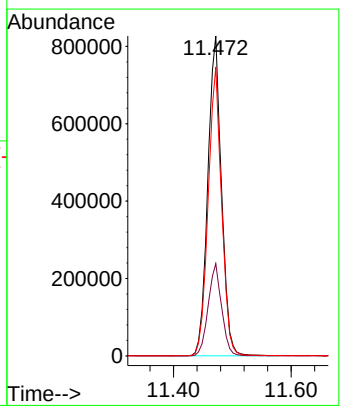


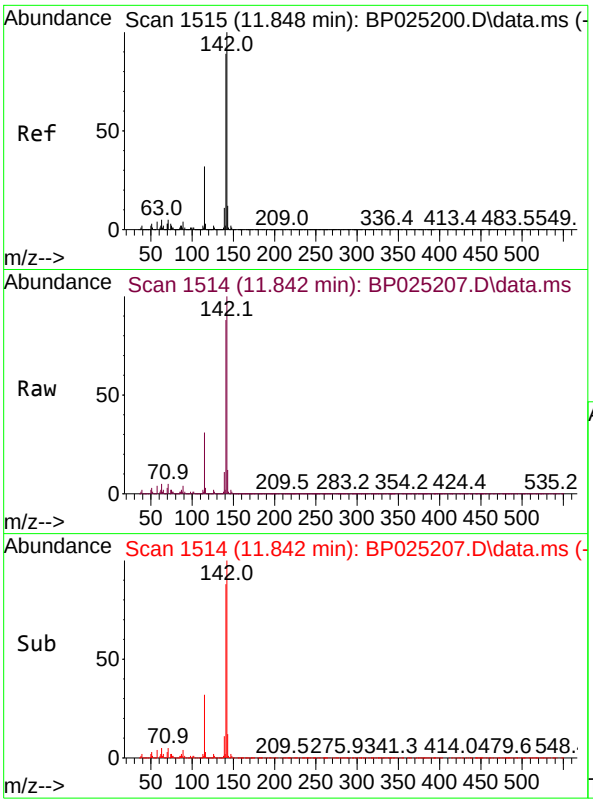




#36
4-Chloro-3-methylphenol
Concen: 39.976 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:107 Resp: 1336748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.8 | 22.5 | 33.7 |
| 142 | 90.3 | 70.6 | 105.8 |



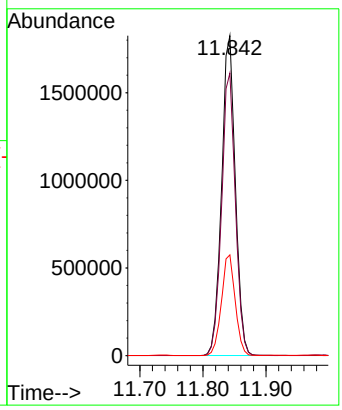


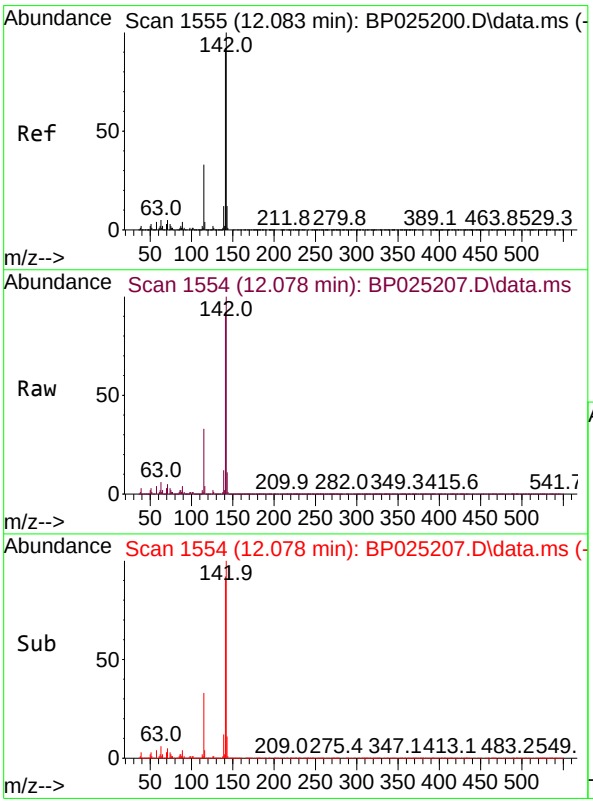

#37
2-Methylnaphthalene
Concen: 39.242 ng
RT: 11.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 2754497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.3 | 71.2 | 106.8 |
| 115 | 31.5 | 25.3 | 37.9 |

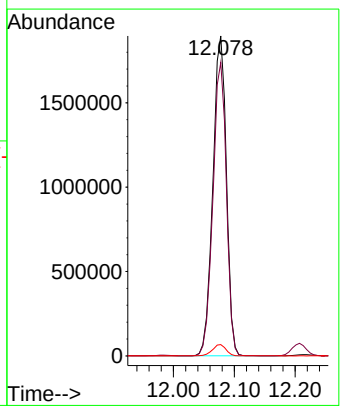


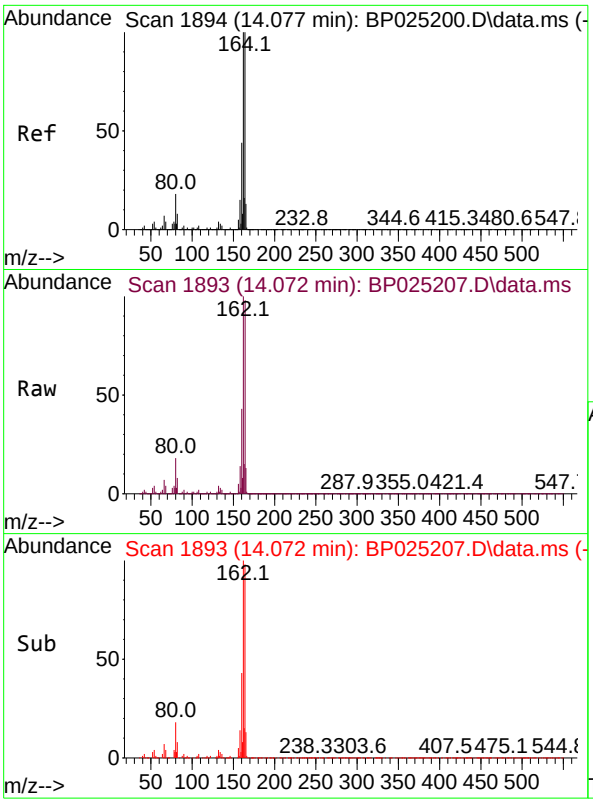




#38
1-Methylnaphthalene
Concen: 39.661 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:142 Resp: 2924334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.7 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



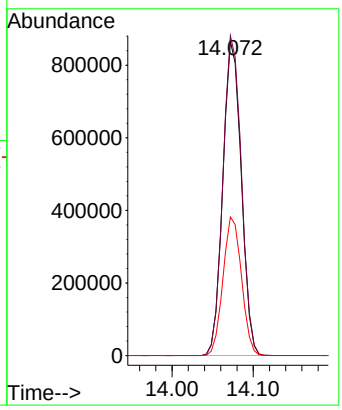


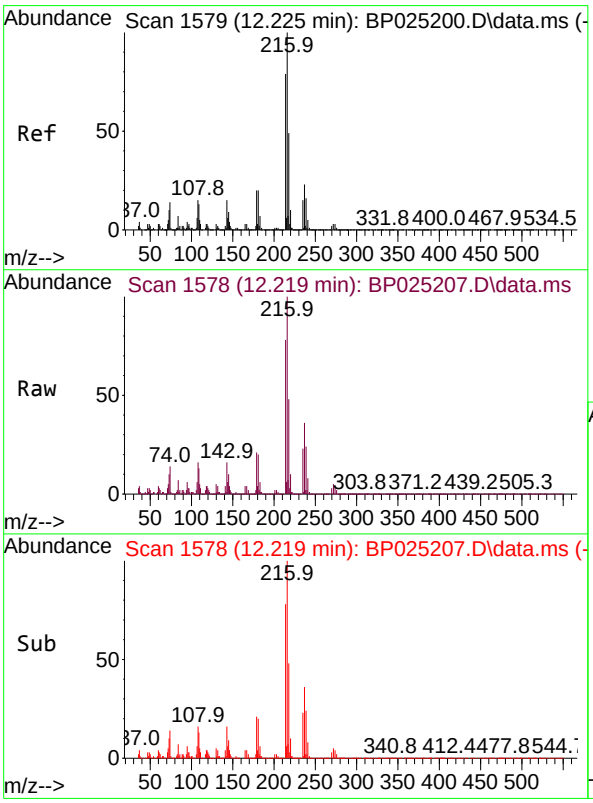

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 1361964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |

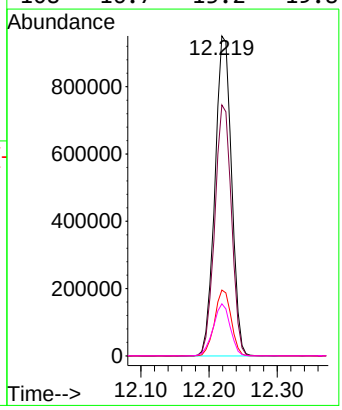


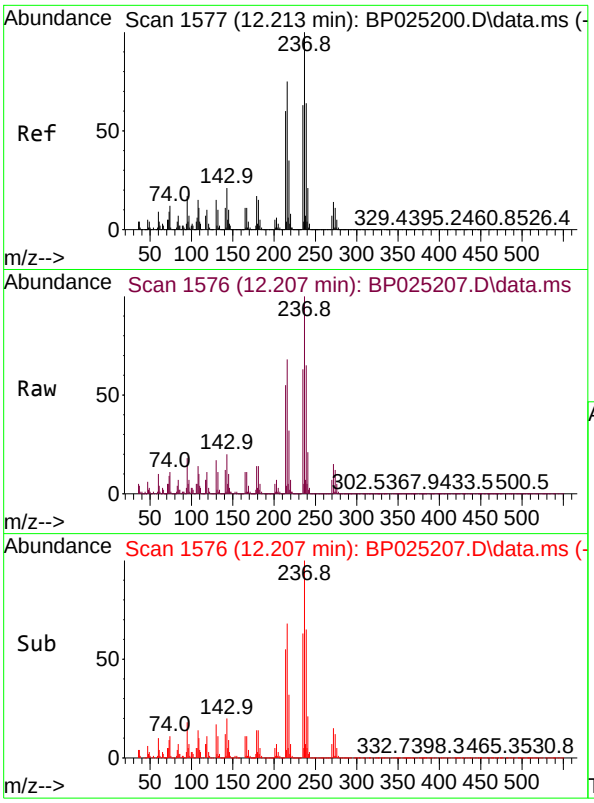




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.221 ng
RT: 12.219 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:216 Resp: 1601181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.7 | 94.1 |
| 179 | 20.4 | 16.2 | 24.4 |
| 108 | 16.7 | 13.2 | 19.8 |



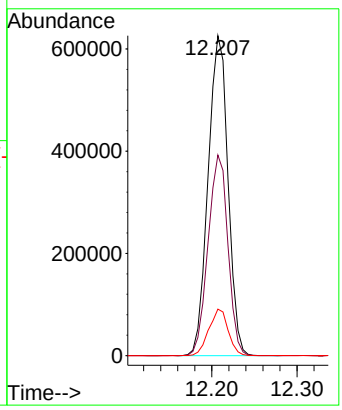


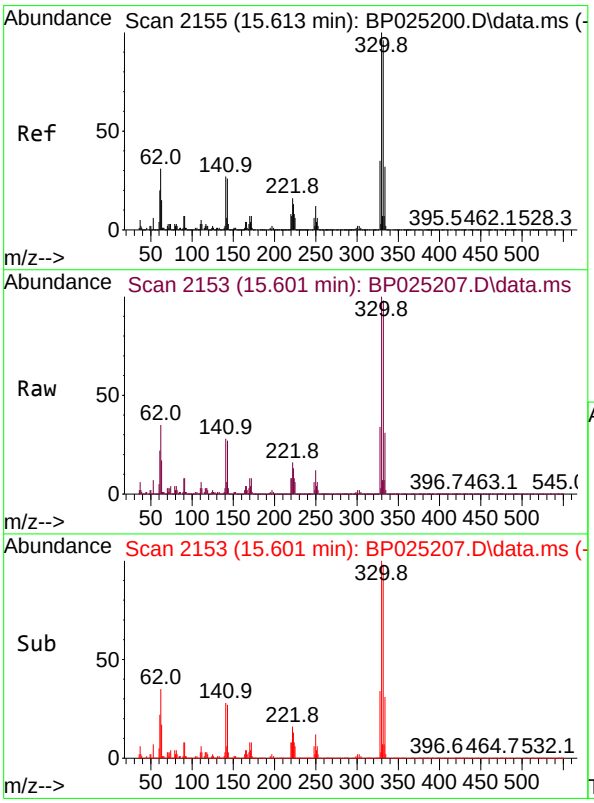

#41
Hexachlorocyclopentadiene
Concen: 41.625 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 1014403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 42.7 | 82.7 |
| 272 | 14.5 | 0.0 | 33.6 |

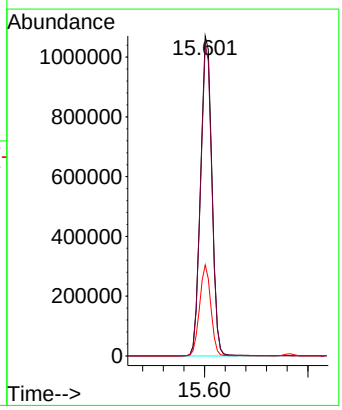


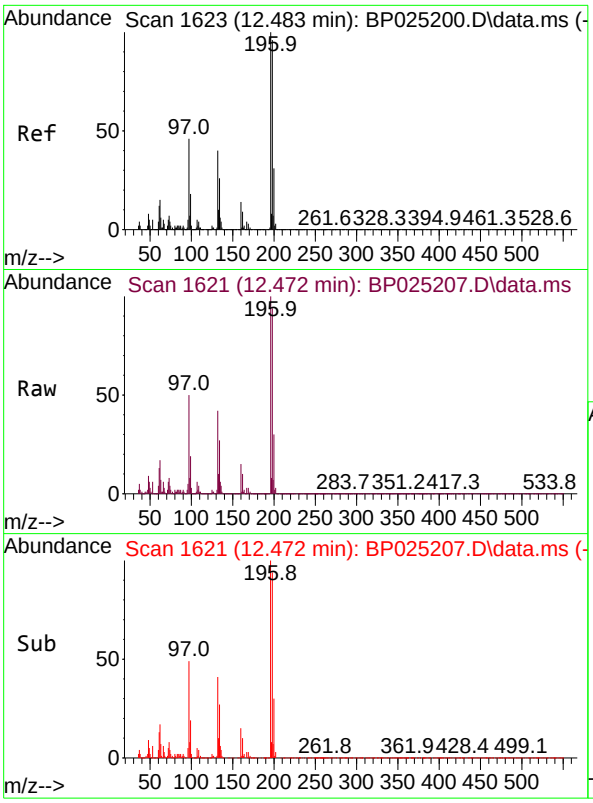




#42
2,4,6-Tribromophenol
Concen: 81.144 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:330 Resp: 1629244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.1 | 115.7 |
| 141 | 28.0 | 22.4 | 33.6 |



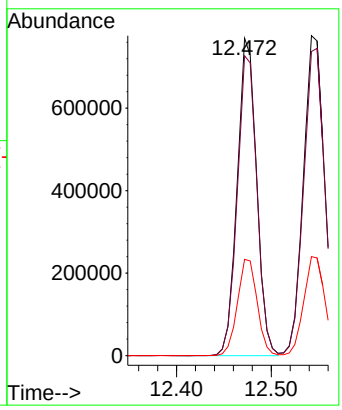


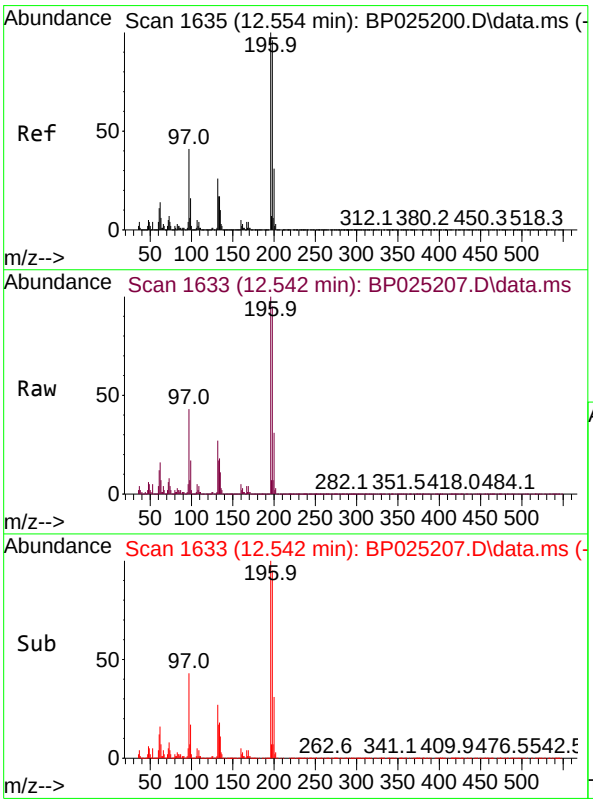

#43
2,4,6-Trichlorophenol
Concen: 39.303 ng
RT: 12.472 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 1096323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 76.6 | 114.8 |
| 200 | 30.3 | 24.7 | 37.1 |

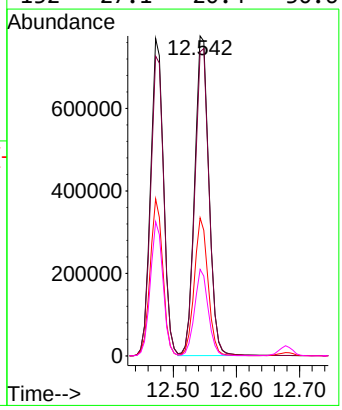


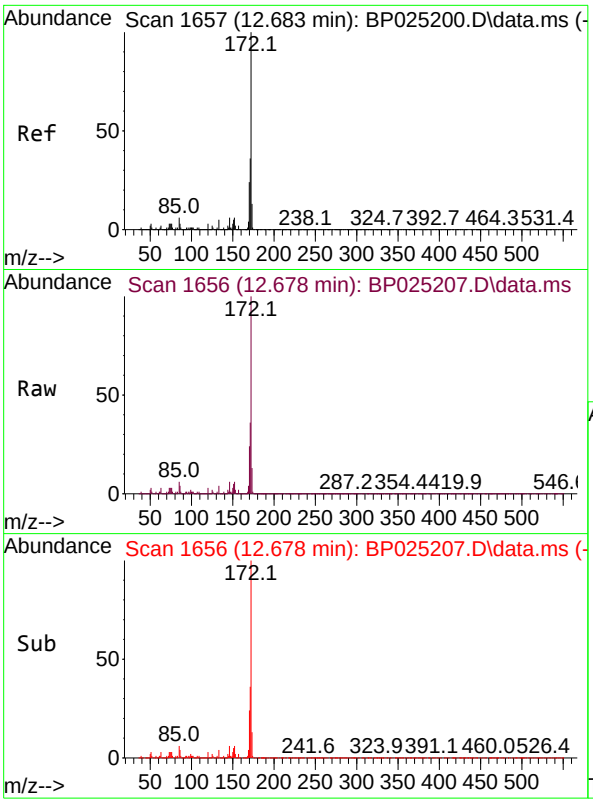




#44
2,4,5-Trichlorophenol
Concen: 39.566 ng
RT: 12.542 min Scan# 1633
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:196 Resp: 1214535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 76.7 | 115.1 |
| 97 | 43.1 | 33.0 | 49.4 |
| 132 | 27.1 | 20.4 | 30.6 |



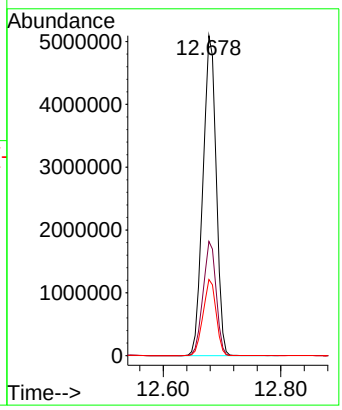


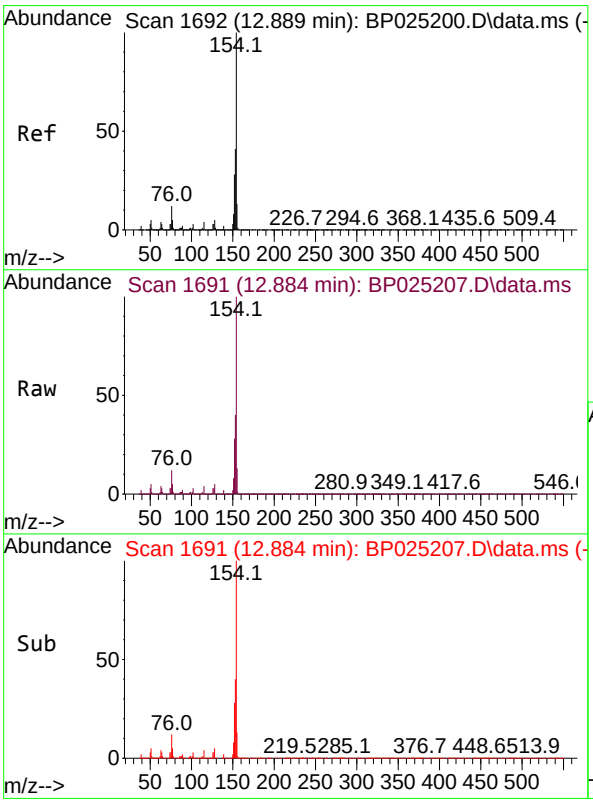

#45
2-Fluorobiphenyl
Concen: 82.491 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 7969114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.8 | 43.2 |
| 170 | 23.8 | 19.2 | 28.8 |

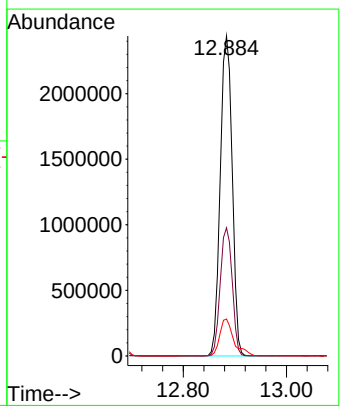


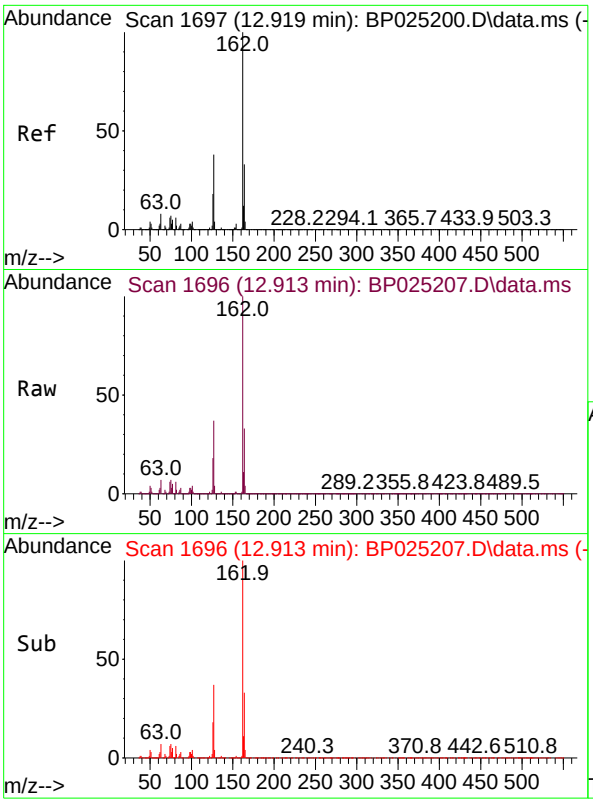




#46
1,1'-Biphenyl
Concen: 40.011 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:154 Resp: 3950355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.8 | 60.8 |
| 76 | 11.5 | 0.0 | 31.6 |



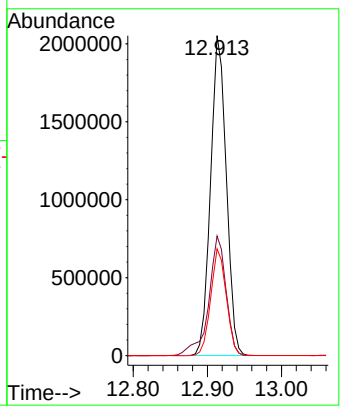


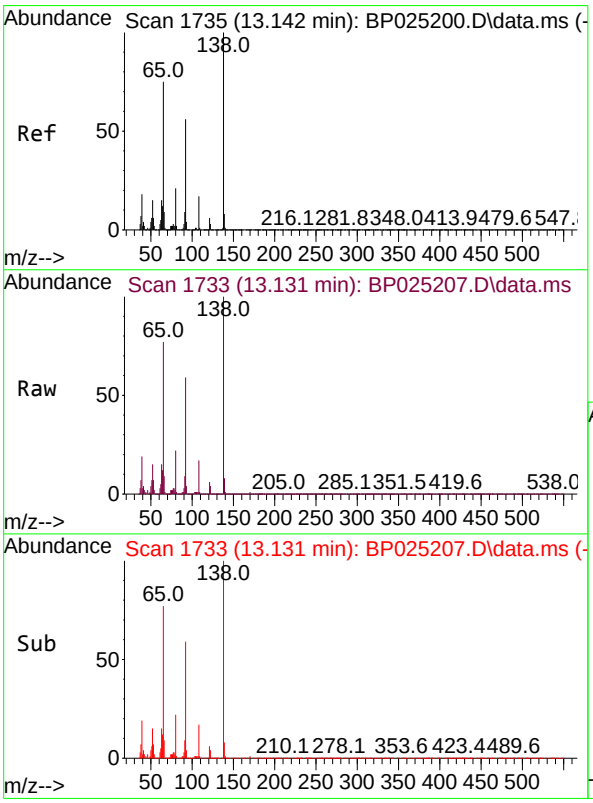

#47
2-Chloronaphthalene
Concen: 39.272 ng
RT: 12.913 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 3027199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.4 | 30.1 | 45.1 |
| 164 | 33.4 | 26.5 | 39.7 |

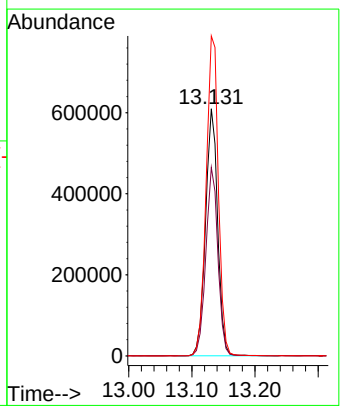


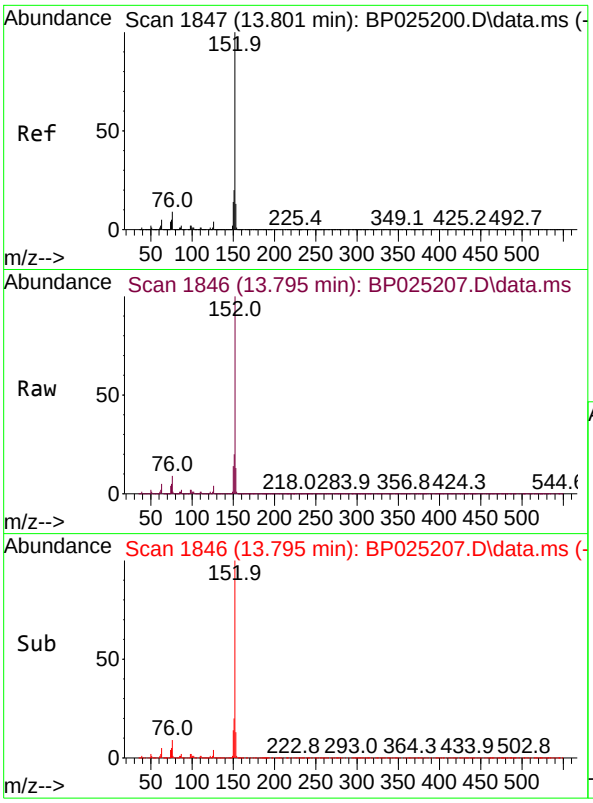




#48
2-Nitroaniline
Concen: 41.124 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion: 65 Resp: 809532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.2 | 59.9 | 89.9 |
| 138 | 129.5 | 107.1 | 160.7 |



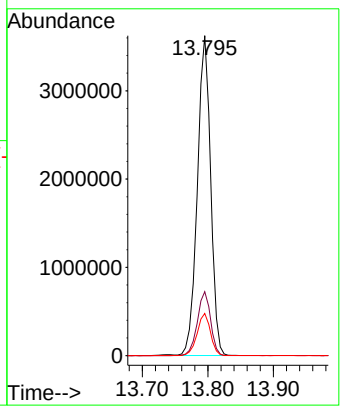


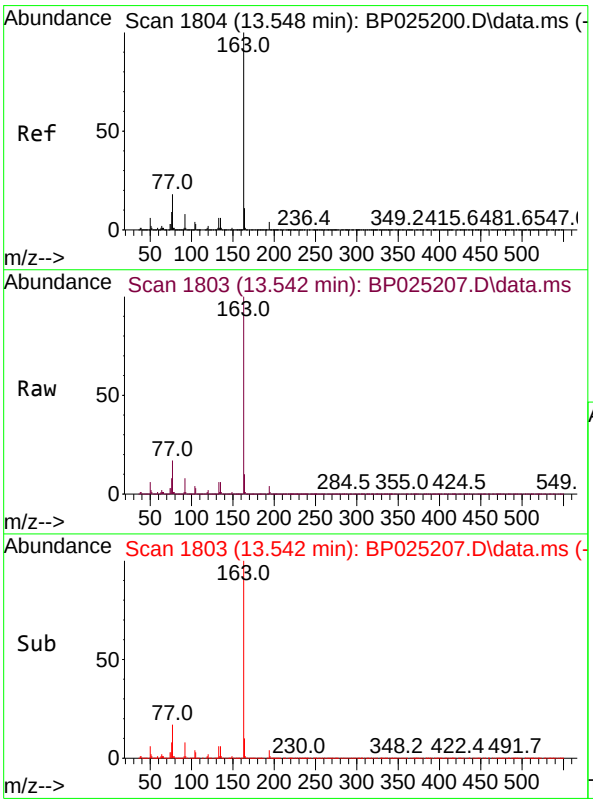

#49
Acenaphthylene
Concen: 40.605 ng
RT: 13.795 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 5062462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 15.8 |

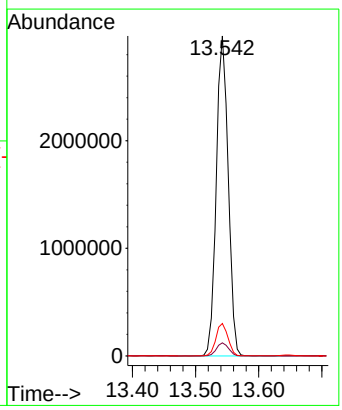


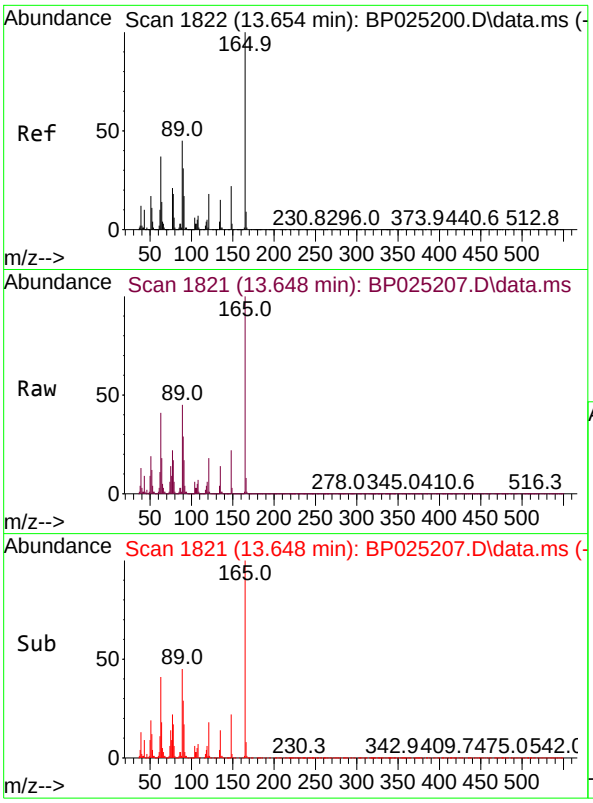




#50
Dimethylphthalate
Concen: 40.135 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:163 Resp: 3909321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.1 | 8.5 | 12.7 |



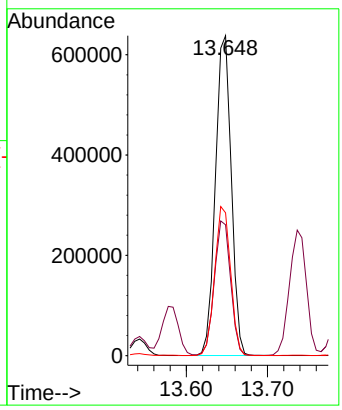


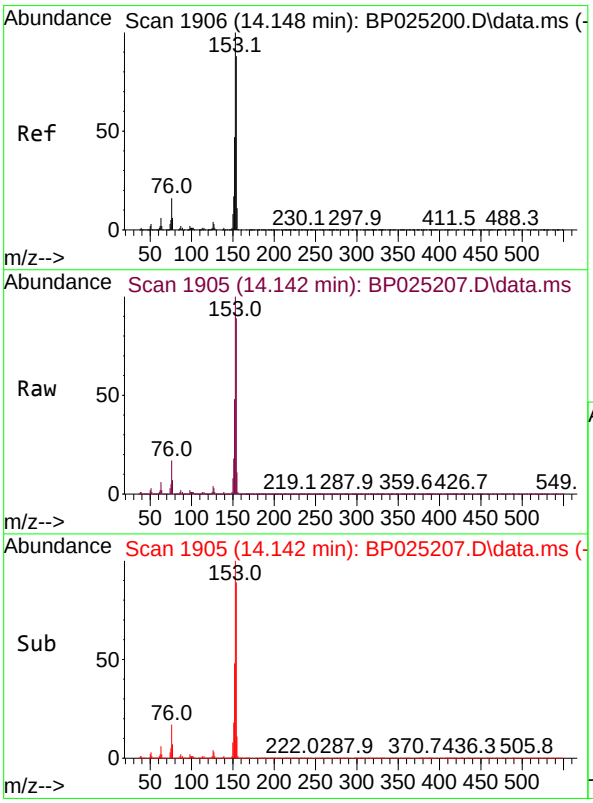

#51
2,6-Dinitrotoluene
Concen: 40.744 ng
RT: 13.648 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 862324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.9 | 33.4 | 50.2 |
| 89 | 44.6 | 36.3 | 54.5 |

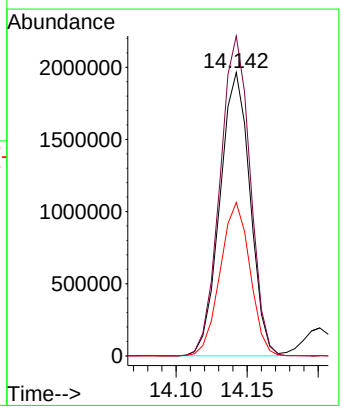


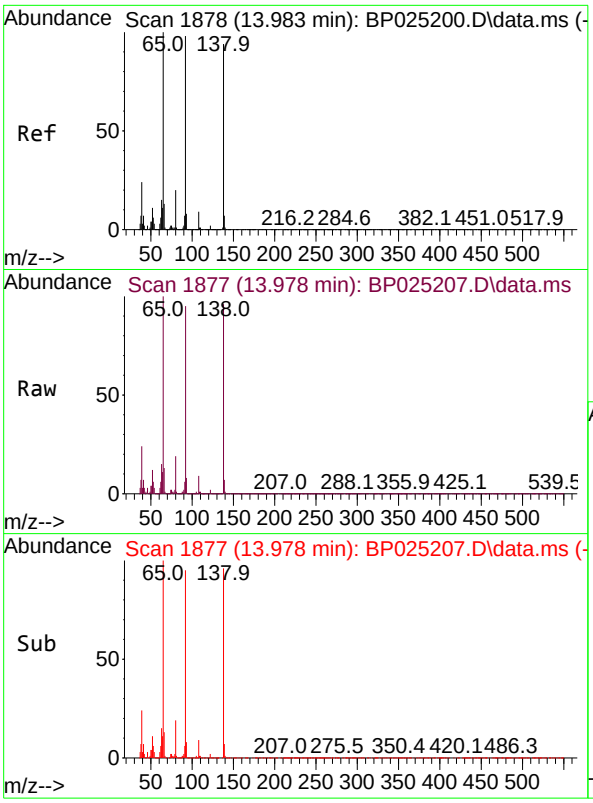




#52
Acenaphthene
Concen: 40.205 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:154 Resp: 2898523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.7 | 136.1 |
| 152 | 54.1 | 42.9 | 64.3 |



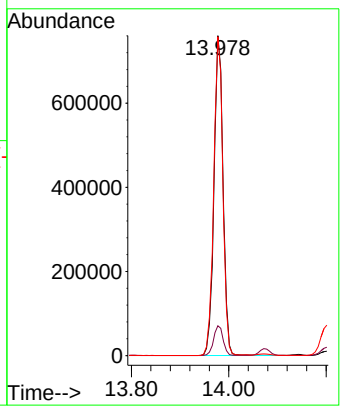


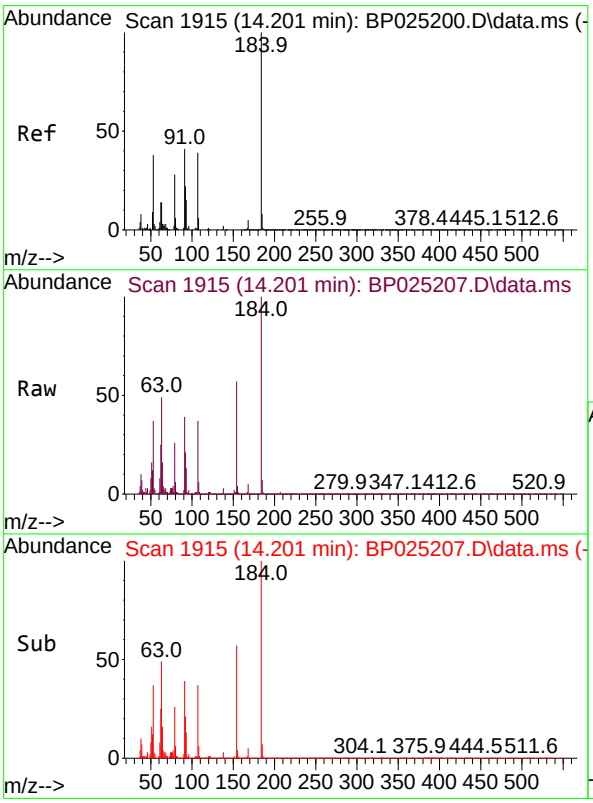

#53
3-Nitroaniline
Concen: 41.192 ng
RT: 13.978 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 983105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.3 | 7.5 | 11.3 |
| 92 | 99.7 | 83.2 | 124.8 |

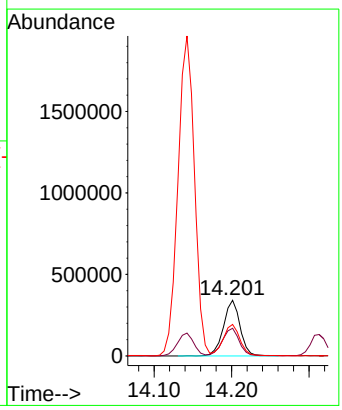


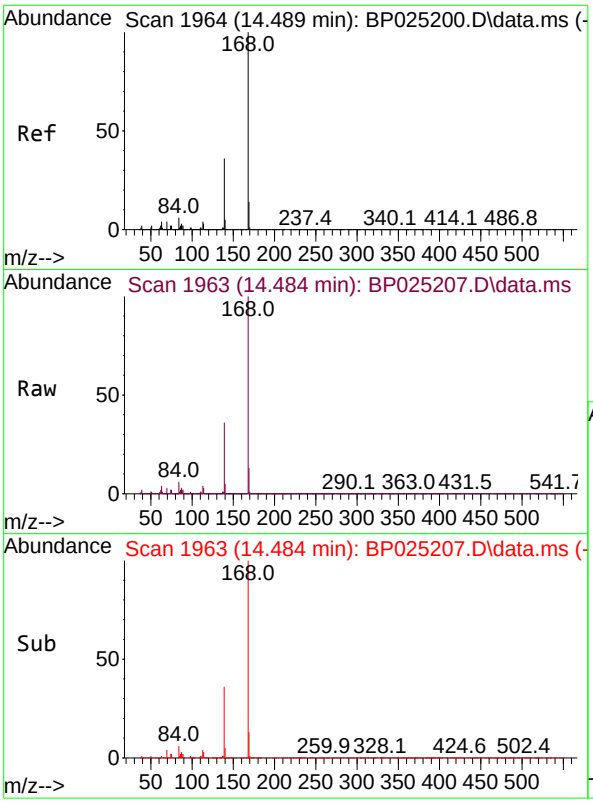




#54
2,4-Dinitrophenol
Concen: 40.443 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:184 Resp: 507149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 49.5 | 41.8 | 62.8 |
| 154 | 56.6 | 45.7 | 68.5 |



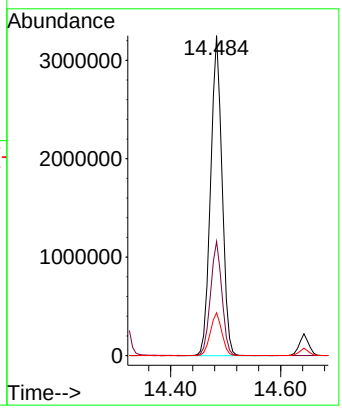


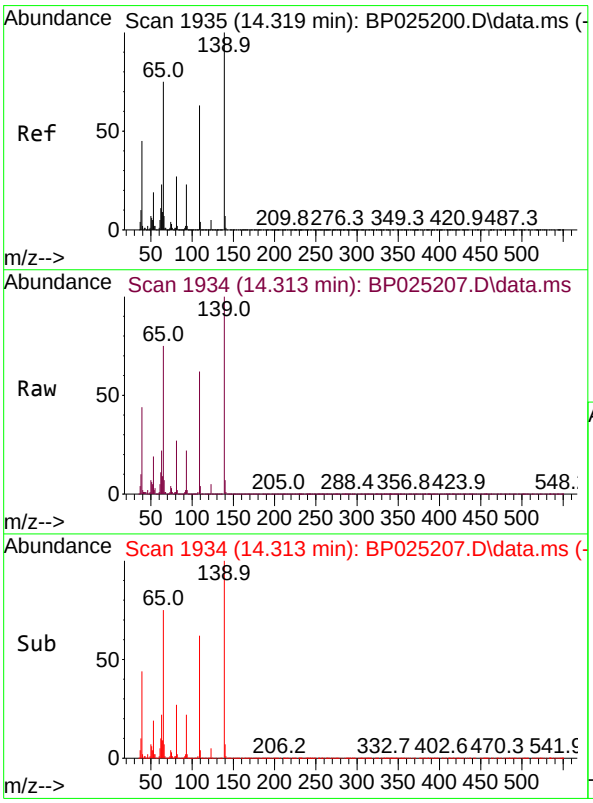

#55
Dibenzofuran
Concen: 40.254 ng
RT: 14.484 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 4687689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.7 | 28.7 | 43.1 |
| 169 | 13.4 | 10.9 | 16.3 |

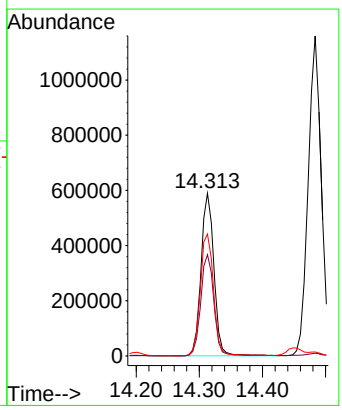


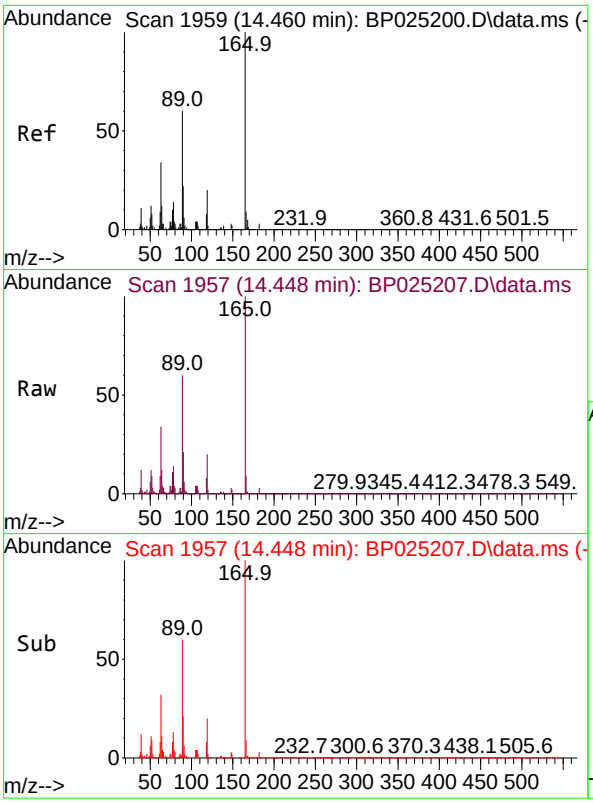




#56
4-Nitrophenol
Concen: 40.917 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:139 Resp: 835643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.3 | 42.6 | 82.6 |
| 65 | 74.9 | 55.4 | 95.4 |



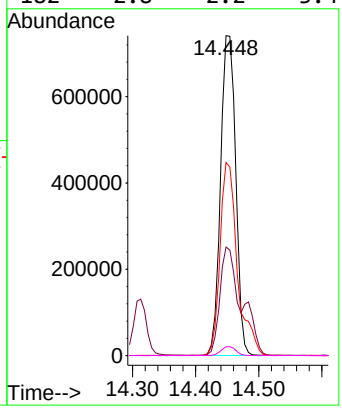


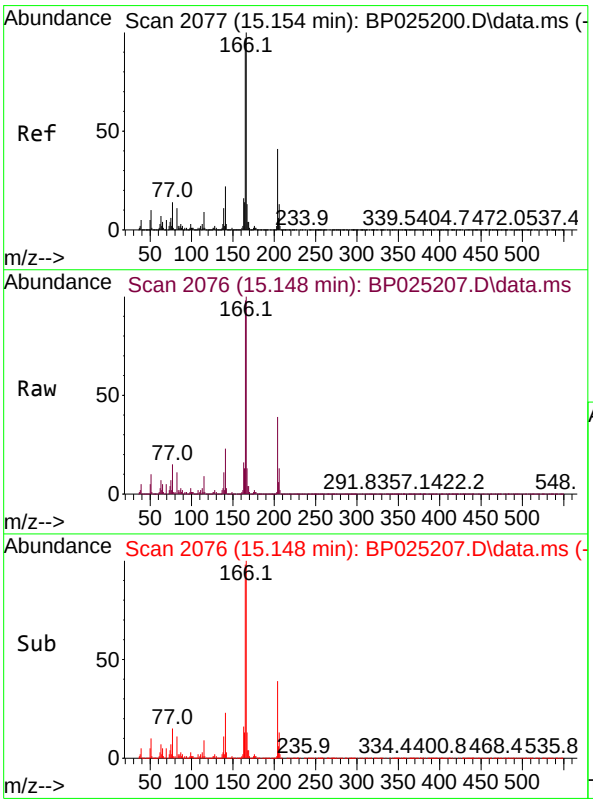

#57
2,4-Dinitrotoluene
Concen: 41.660 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 1234188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.9 | 27.0 | 40.4 |
| 89 | 60.3 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

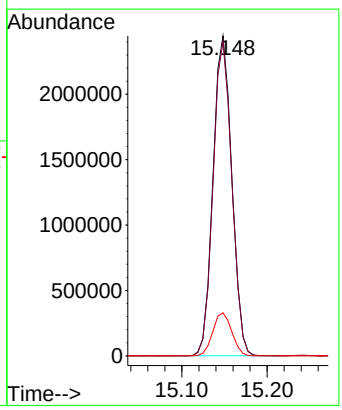


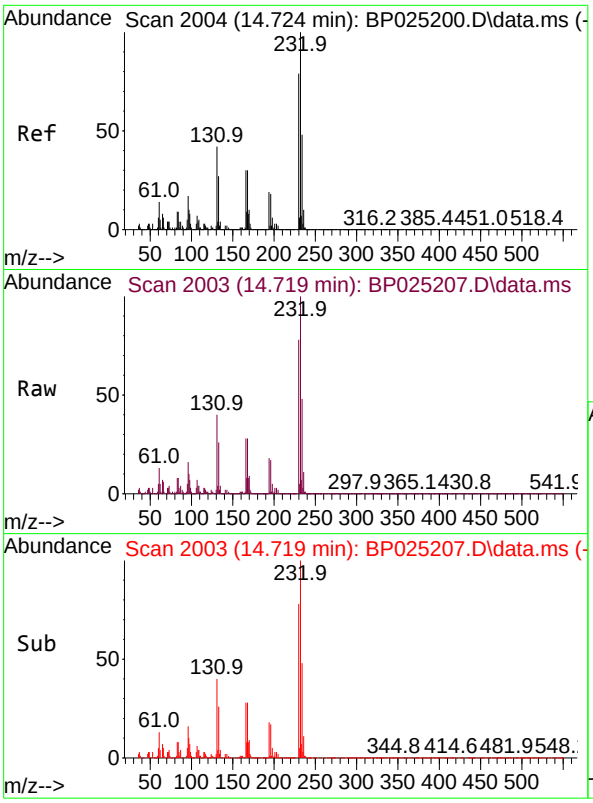




#58
Fluorene
Concen: 40.569 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:166 Resp: 3750723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 78.0 | 117.0 |
| 167 | 13.5 | 10.7 | 16.1 |



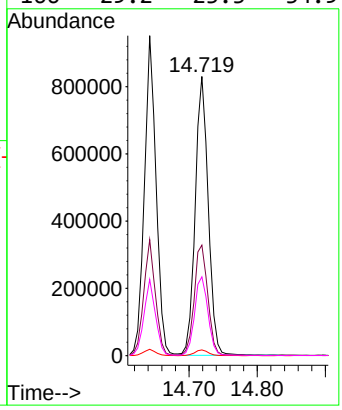


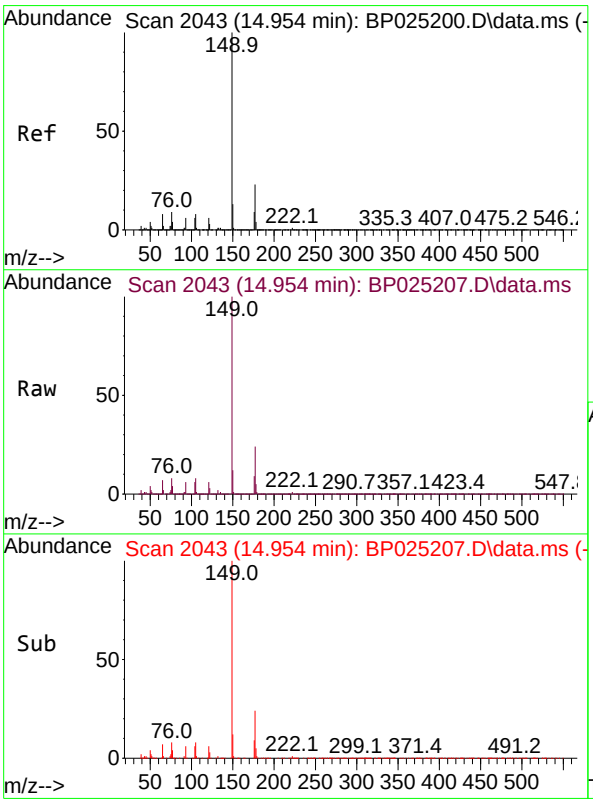

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.628 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 1103688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.2 | 23.3 | 34.9 |

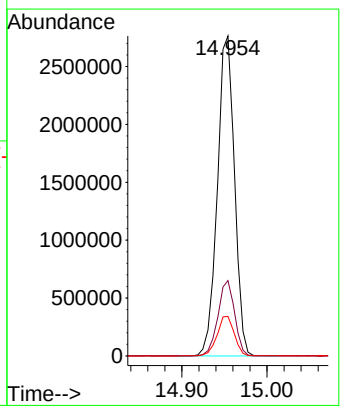


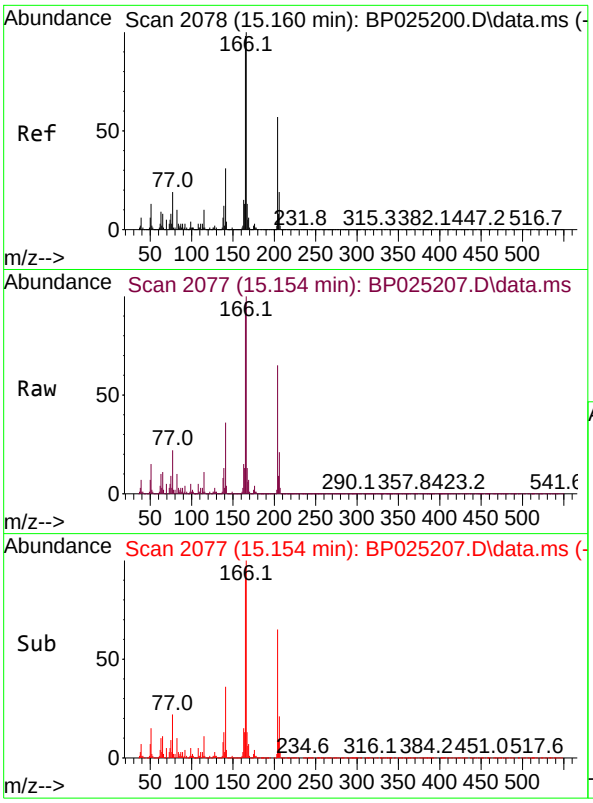




#60
Diethylphthalate
Concen: 40.178 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 3857221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.5 | 18.4 | 27.6 |
| 150 | 12.3 | 10.0 | 15.0 |



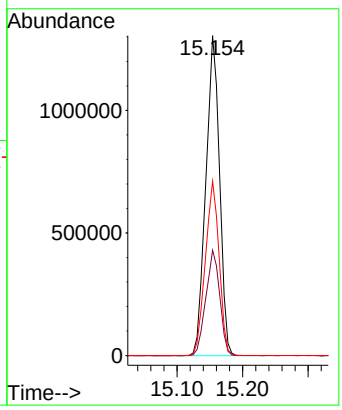


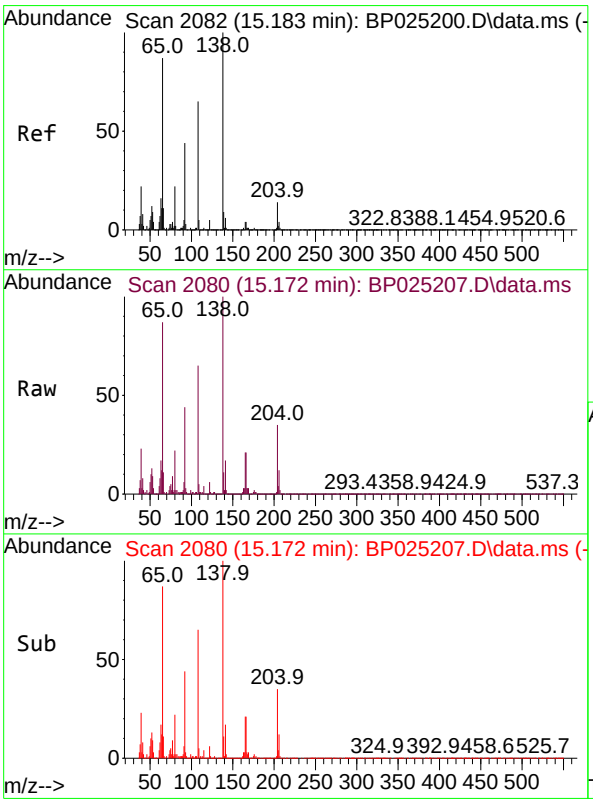

#61
4-Chlorophenyl-phenylether
Concen: 40.491 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 1891590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.3 | 39.5 |
| 141 | 54.5 | 43.0 | 64.6 |

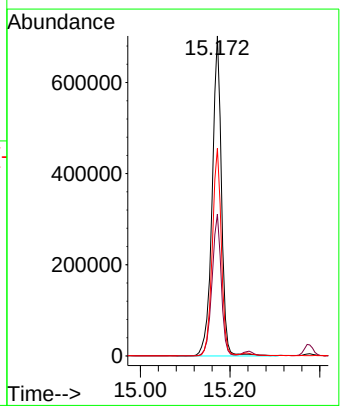


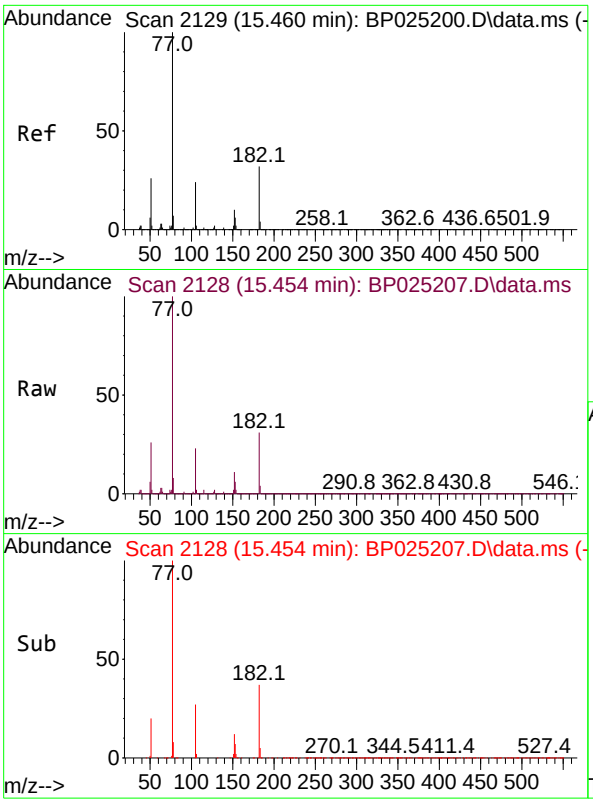




#62
4-Nitroaniline
Concen: 41.736 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:138 Resp: 1013030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.3 | 24.0 | 64.0 |
| 108 | 64.8 | 44.9 | 84.9 |



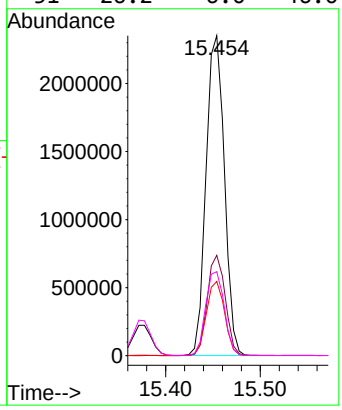


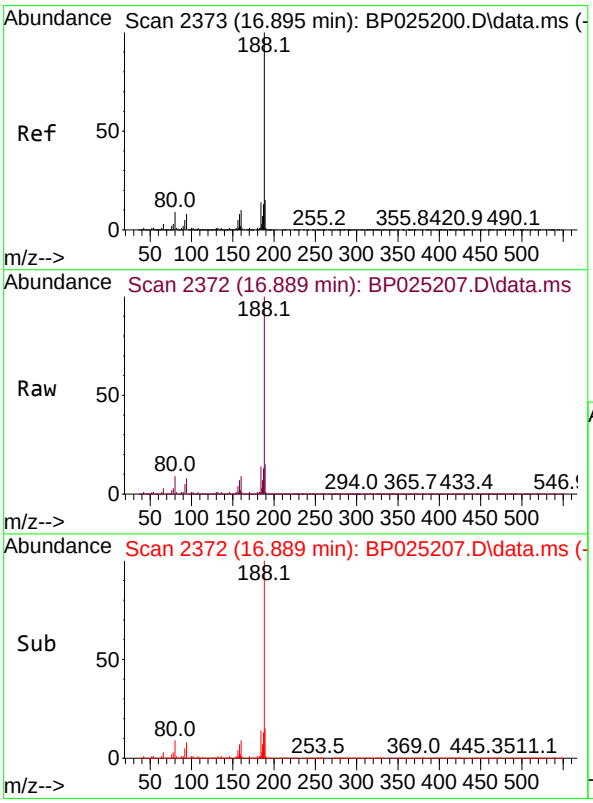

#63
Azobenzene
Concen: 40.508 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 3169050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.3 | 12.0 | 52.0 |
| 105 | 23.2 | 3.6 | 43.6 |
| 51 | 26.2 | 6.0 | 46.0 |

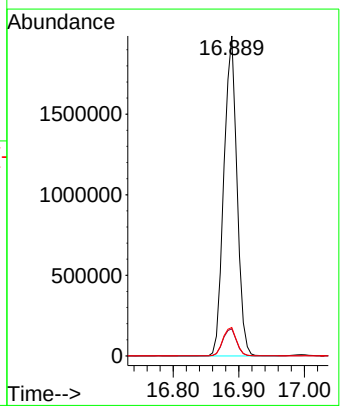


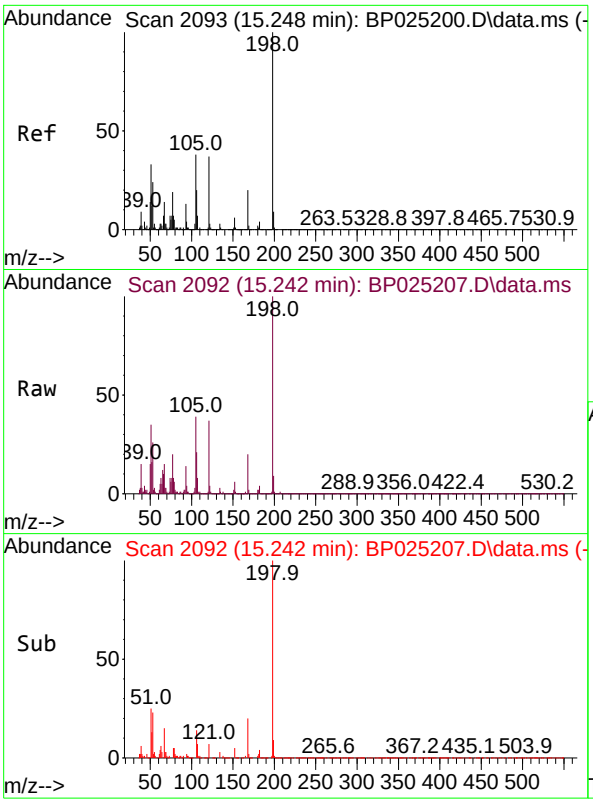




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:188 Resp: 2757839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.8 | 10.2 |
| 80 | 8.9 | 7.3 | 10.9 |



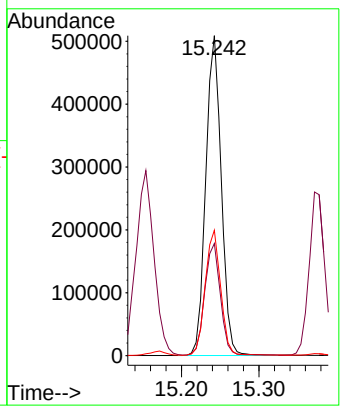


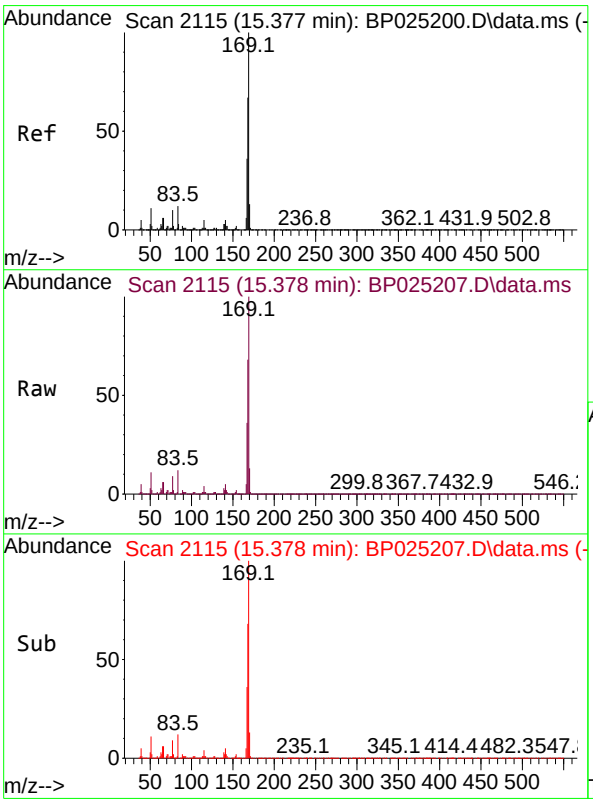

#65
4,6-Dinitro-2-methylphenol
Concen: 39.717 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 706886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 35.0 | 14.6 | 54.6 |
| 105 | 39.2 | 18.3 | 58.3 |

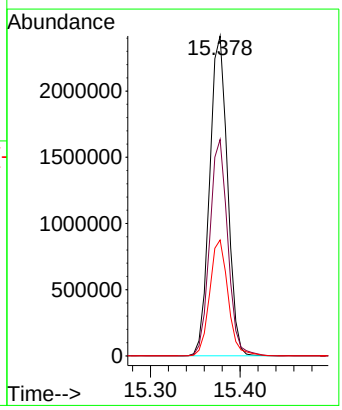


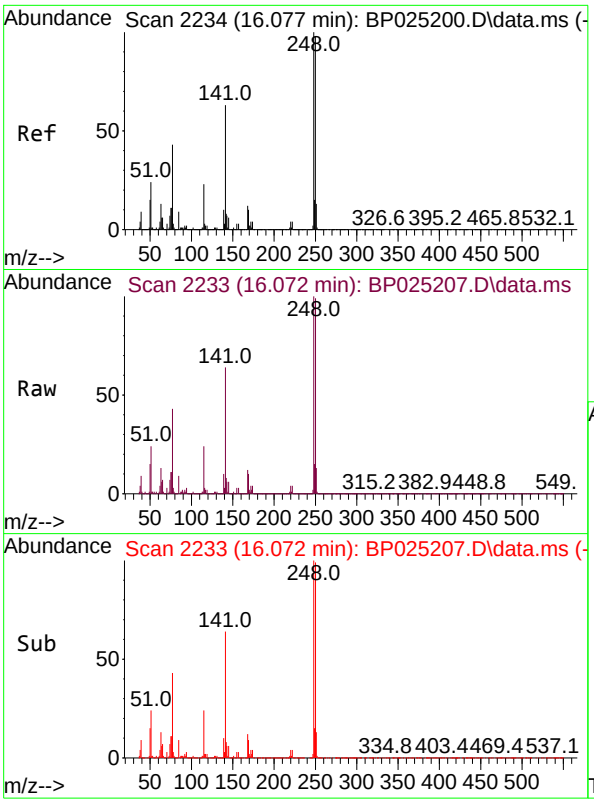




#66
n-Nitrosodiphenylamine
Concen: 39.946 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:169 Resp: 3343811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.6 | 53.7 | 80.5 |
| 167 | 36.2 | 29.0 | 43.6 |



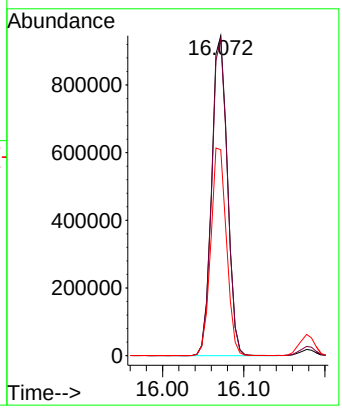


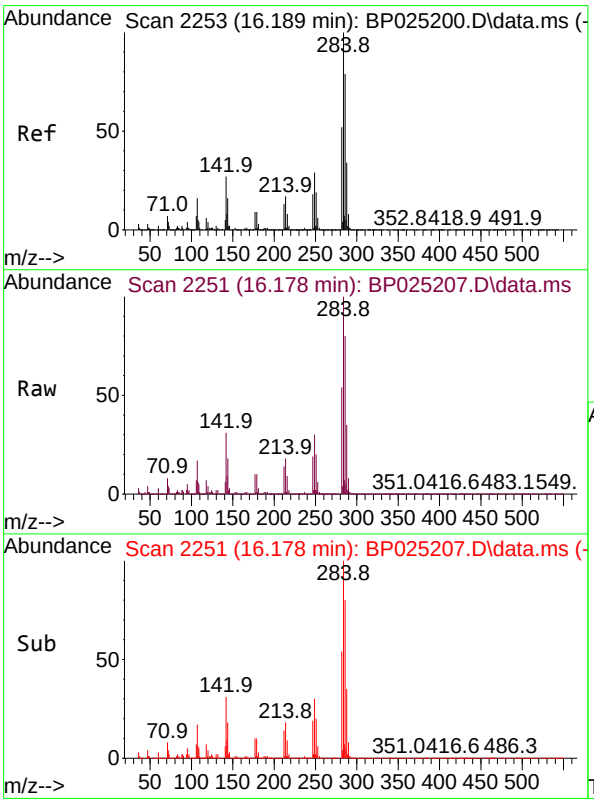

#67
4-Bromophenyl-phenylether
Concen: 39.571 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 1273621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.9 | 78.5 | 117.7 |
| 141 | 64.3 | 50.5 | 75.7 |

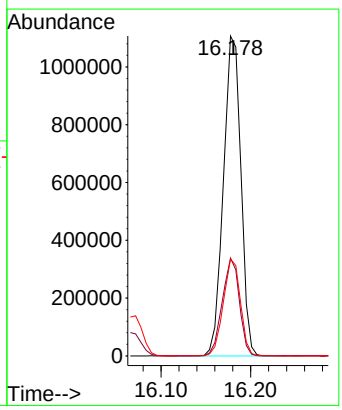


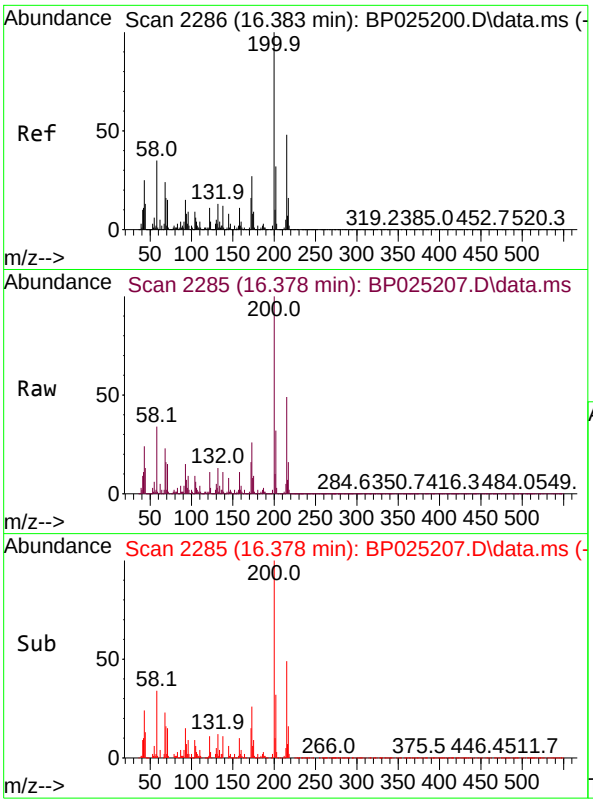




#68
Hexachlorobenzene
Concen: 39.300 ng
RT: 16.178 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:284 Resp: 1502136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.6 | 21.5 | 32.3 |
| 249 | 30.3 | 23.4 | 35.0 |



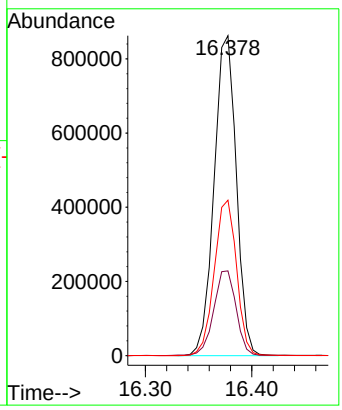


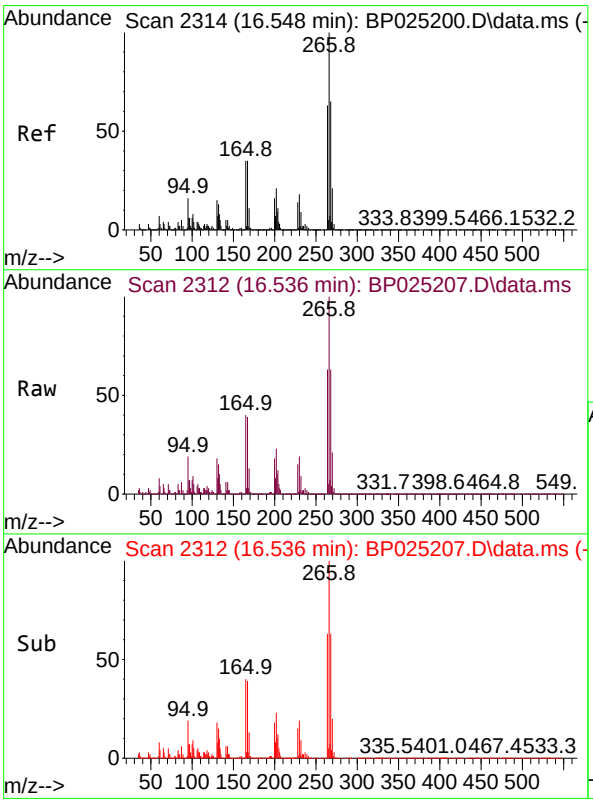

#69
Atrazine
Concen: 40.420 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 1252019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 7.4 | 47.4 |
| 215 | 48.6 | 28.5 | 68.5 |

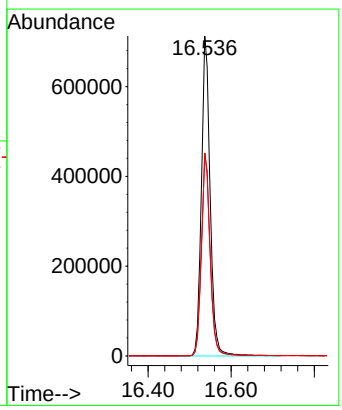


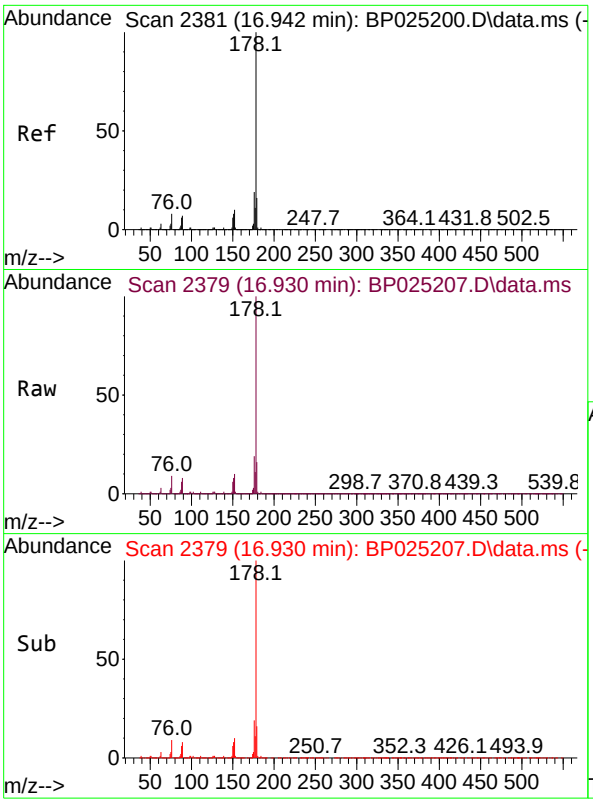




#70
Pentachlorophenol
Concen: 40.017 ng
RT: 16.536 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:266 Resp: 1040121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.8 | 77.6 |
| 264 | 63.4 | 50.3 | 75.5 |



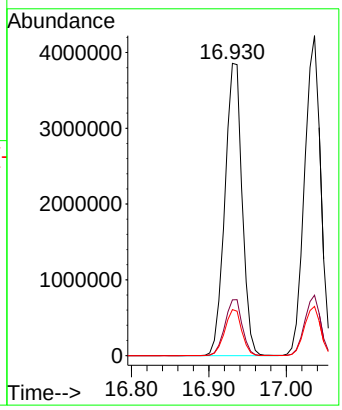


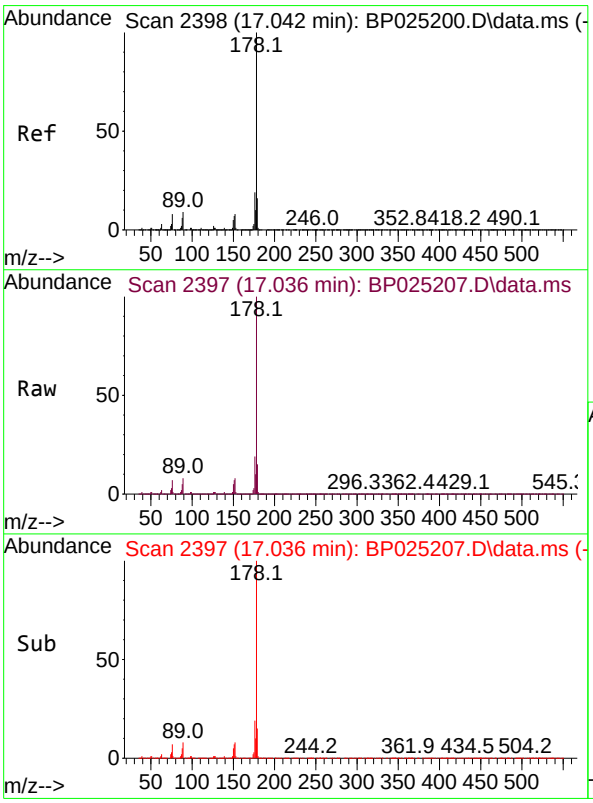

#71
Phenanthrene
Concen: 40.136 ng
RT: 16.930 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 5969977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |

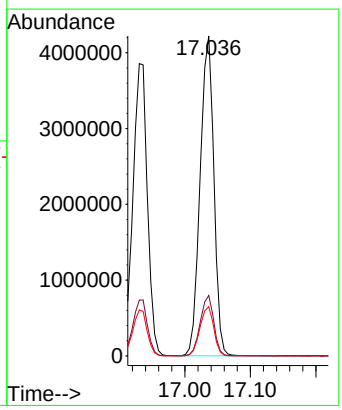


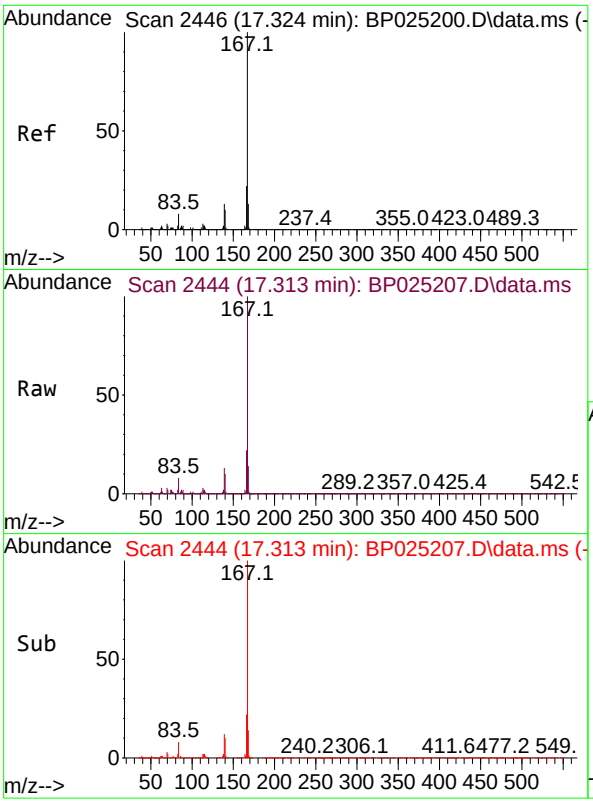




#72
Anthracene
Concen: 40.748 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:178 Resp: 6105908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |



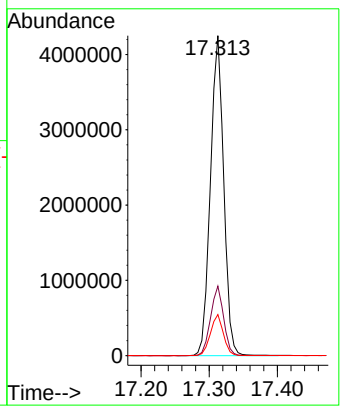


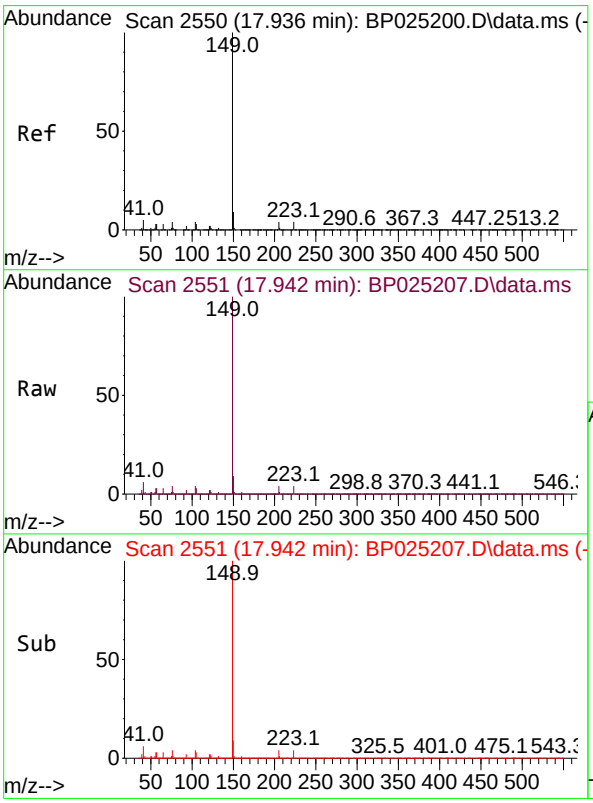

#73
Carbazole
Concen: 40.204 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 5750854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.3 | 25.9 |
| 139 | 12.8 | 10.1 | 15.1 |

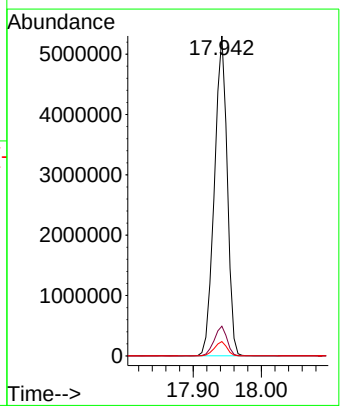


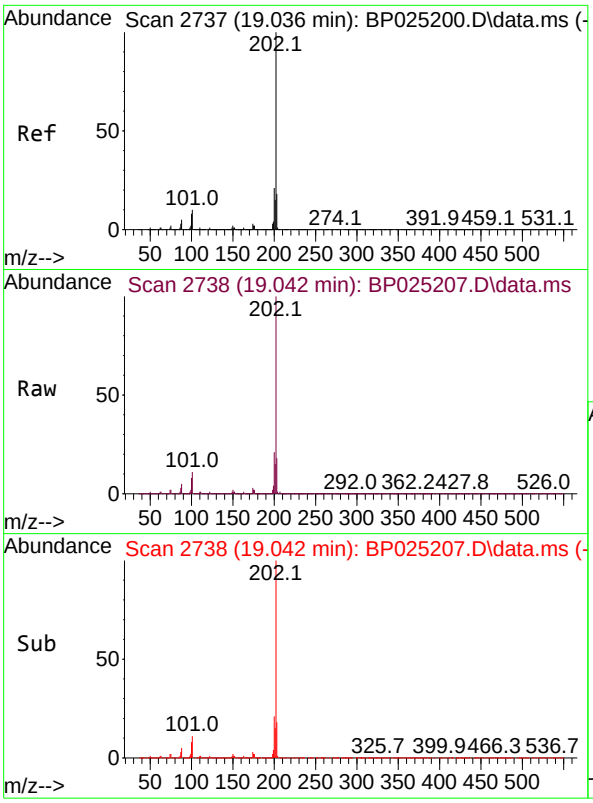




#74
Di-n-butylphthalate
Concen: 41.740 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 6889127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.6 | 11.4 |
| 104 | 4.5 | 3.5 | 5.3 |



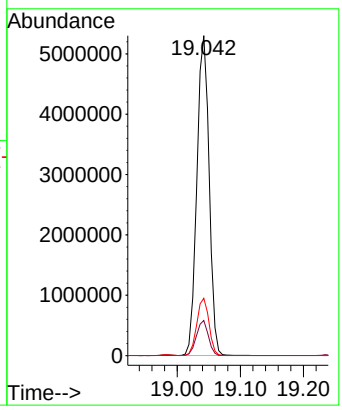


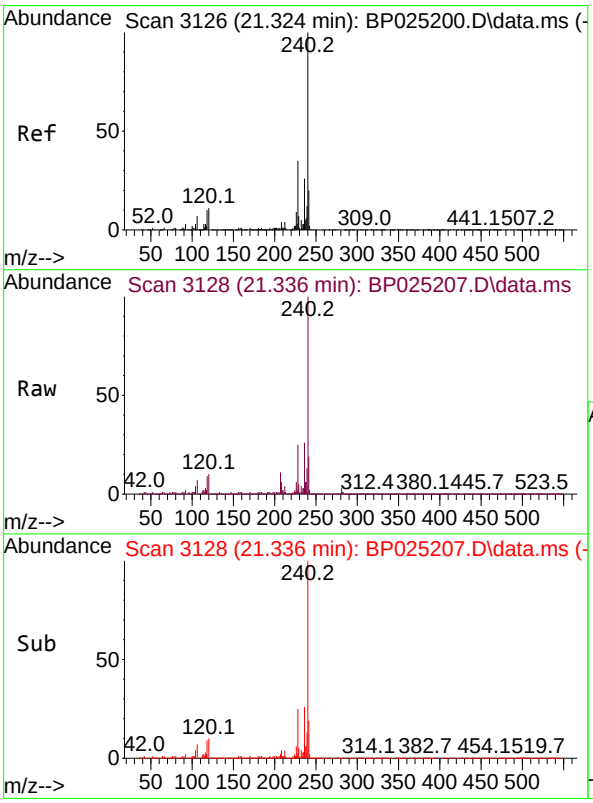

#75
Fluoranthene
Concen: 40.829 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 7147505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 30.3 |
| 203 | 18.0 | 0.0 | 38.0 |

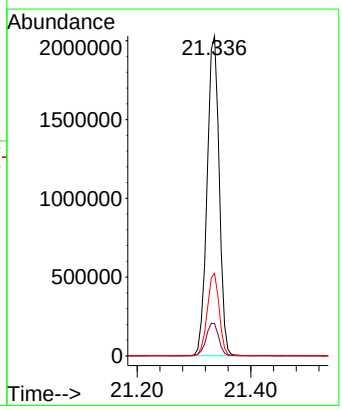


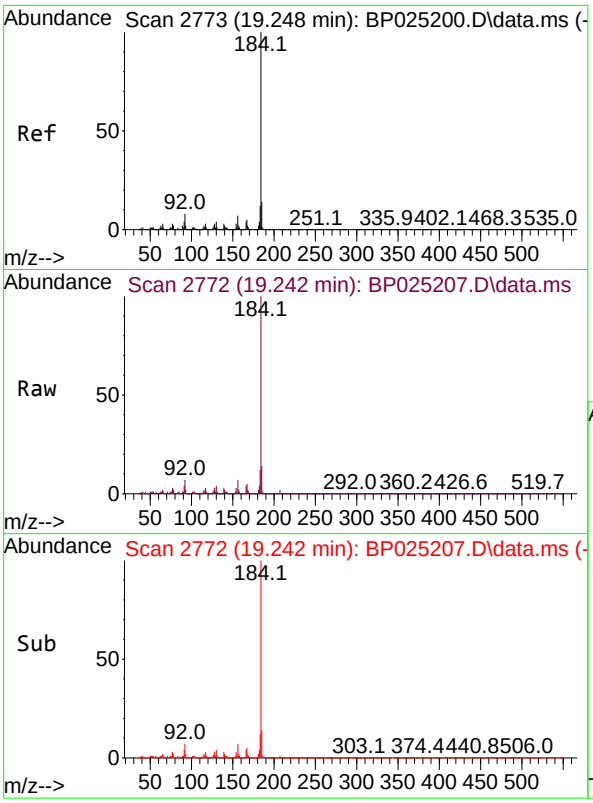




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:240 Resp: 3009908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



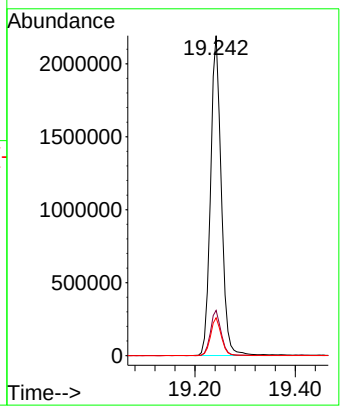


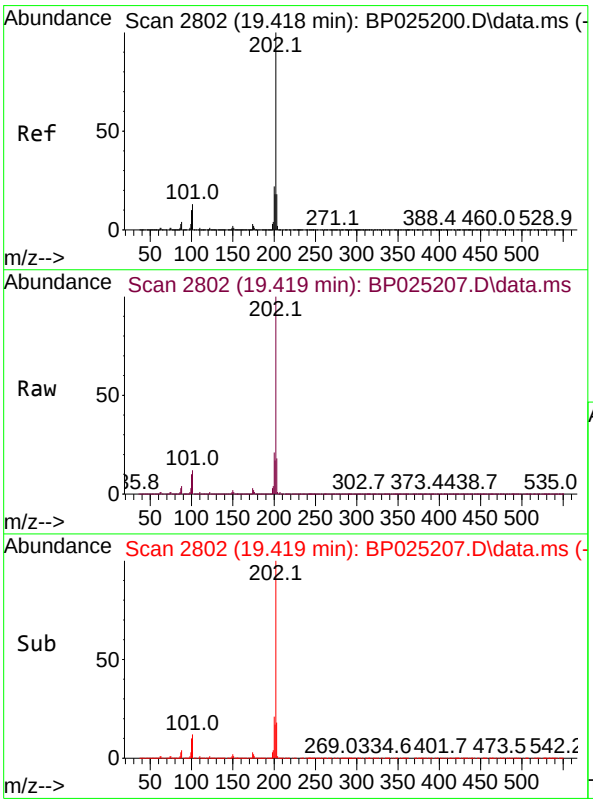

#77
Benzidine
Concen: 30.797 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 3254391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.5 | 17.3 |
| 183 | 11.8 | 9.6 | 14.4 |

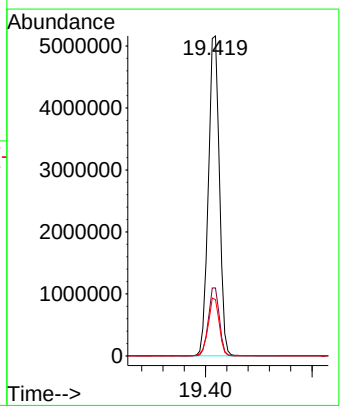


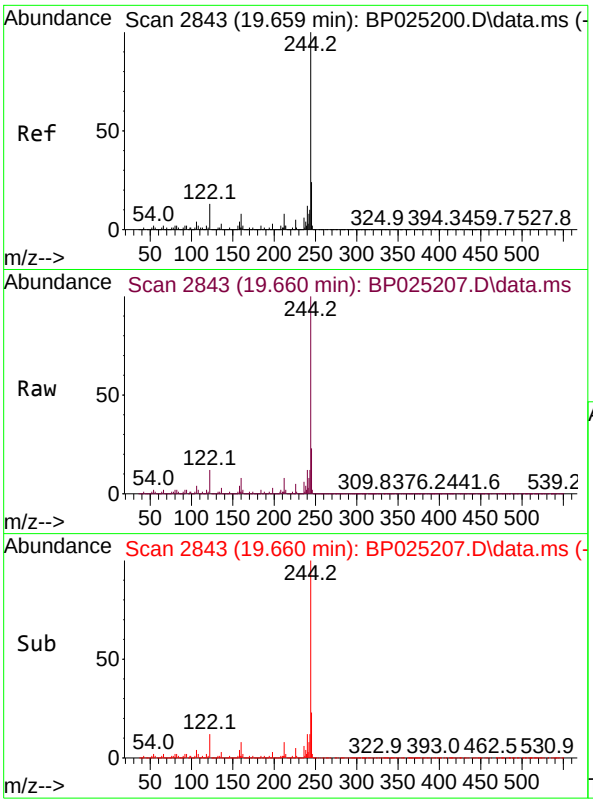




#78
Pyrene
Concen: 40.037 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:202 Resp: 7430372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 17.6 | 14.3 | 21.5 |



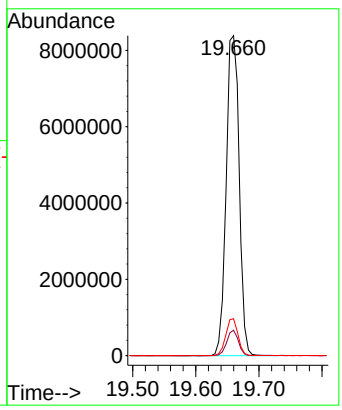


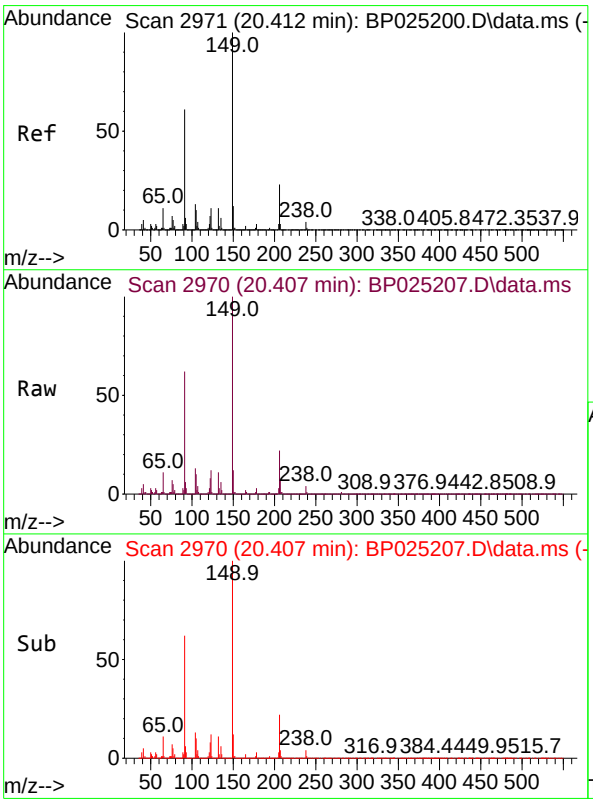

#79
Terphenyl-d14
Concen: 78.475 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp:11965520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.6 | 9.8 |
| 122 | 11.5 | 10.3 | 15.5 |

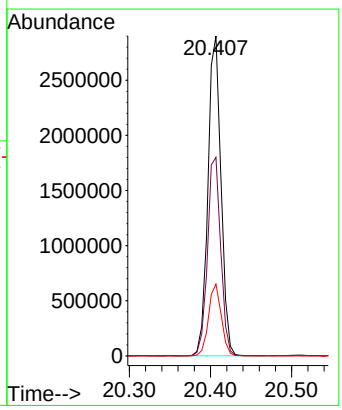


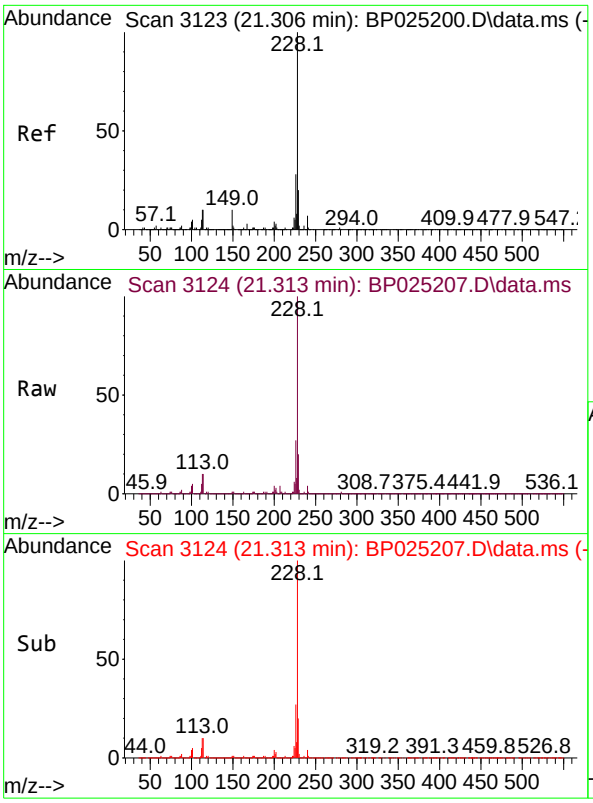




#80
Butylbenzylphthalate
Concen: 38.577 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 3240787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.0 | 48.8 | 73.2 |
| 206 | 22.4 | 18.4 | 27.6 |



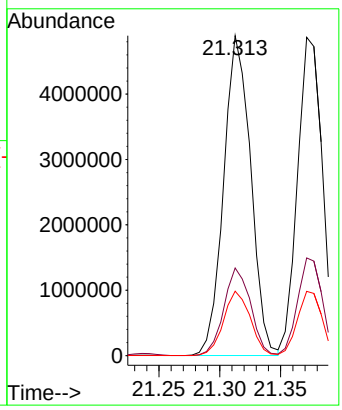


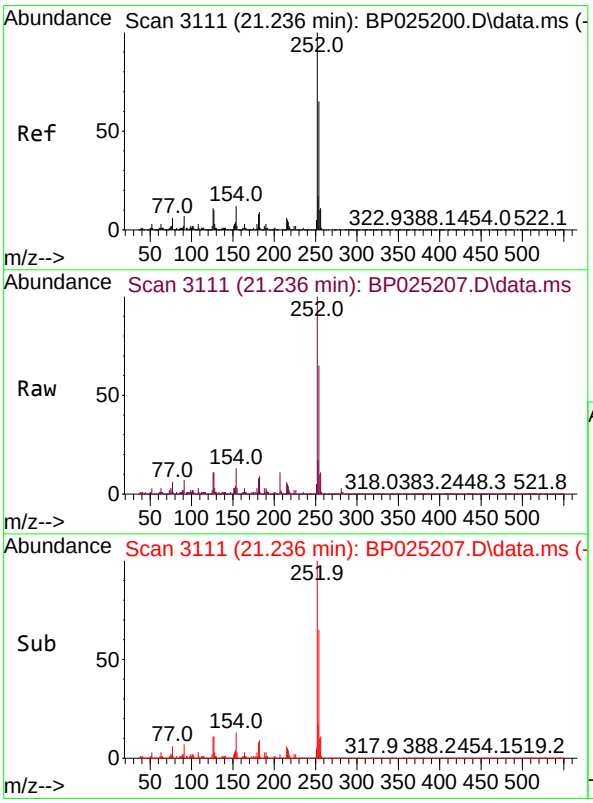

#81
Benzo(a)anthracene
Concen: 39.916 ng
RT: 21.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 7587133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |

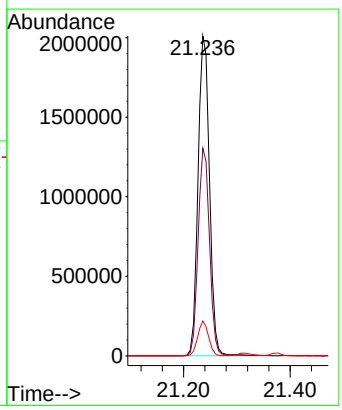


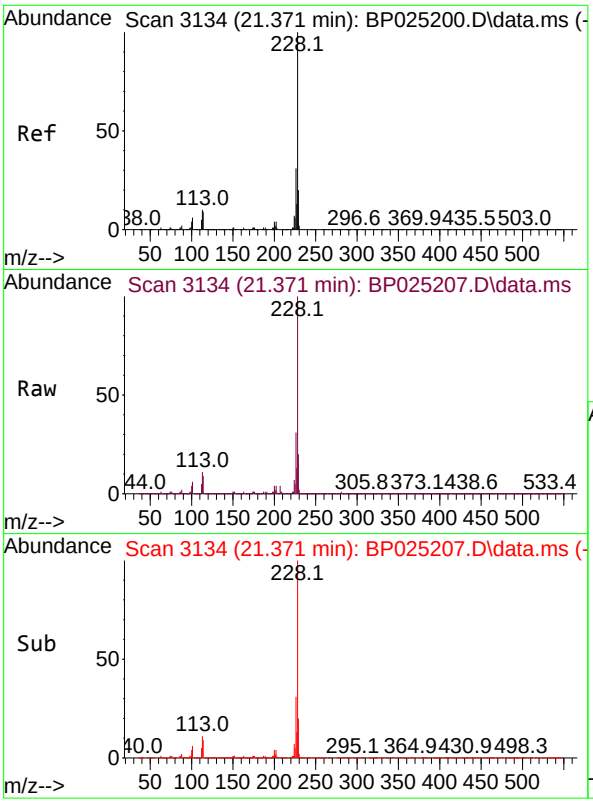




#82
3,3'-Dichlorobenzidine
Concen: 37.846 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 2981932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 52.1 | 78.1 |
| 126 | 10.9 | 8.6 | 12.8 |



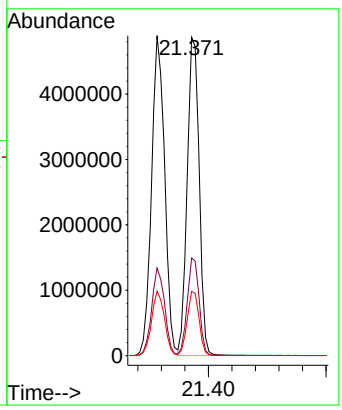


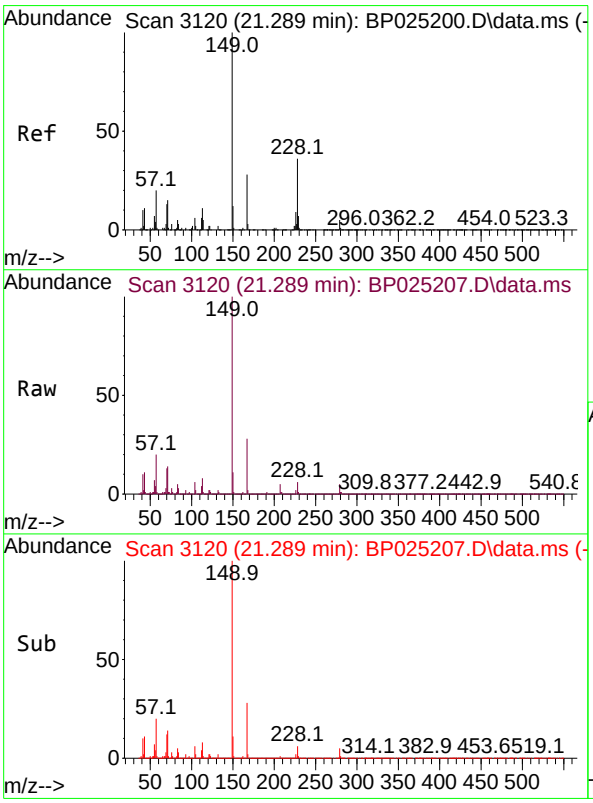

#83
Chrysene
Concen: 38.894 ng
RT: 21.371 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 6901176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |

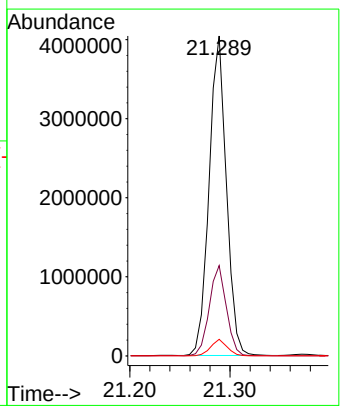


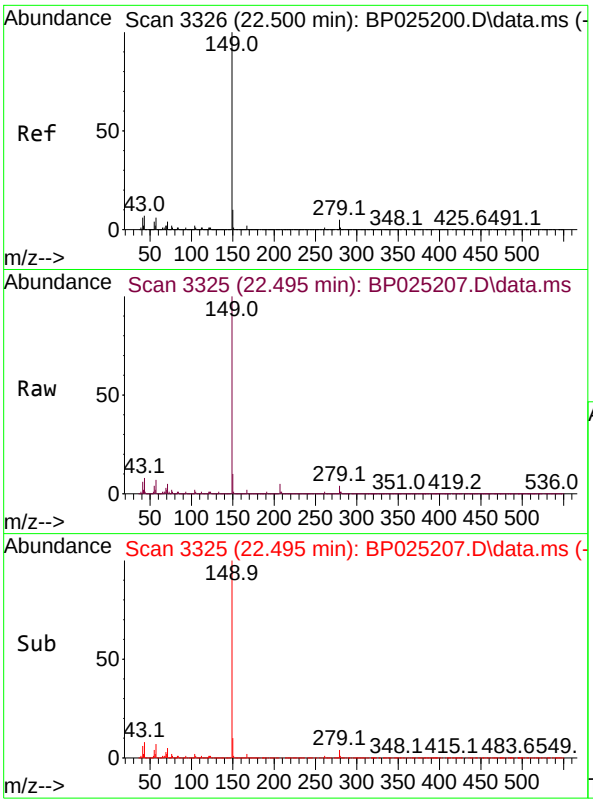




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.129 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:149 Resp: 4820387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.6 | 34.0 |
| 279 | 5.2 | 4.0 | 6.0 |



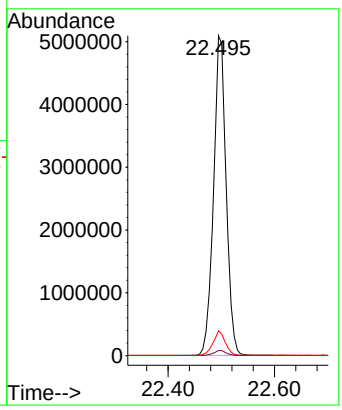


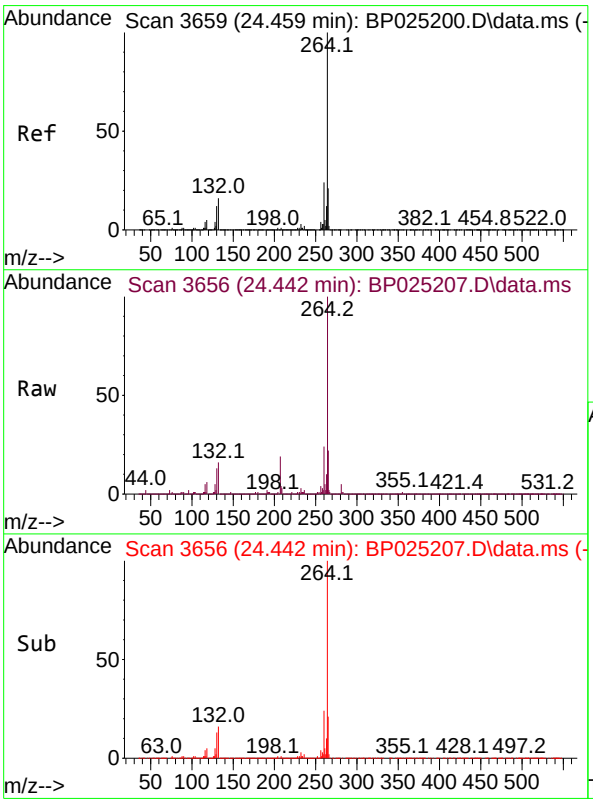

#85
Di-n-octyl phthalate
Concen: 40.281 ng
RT: 22.495 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 8355542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.5 | 6.1 | 9.1 |

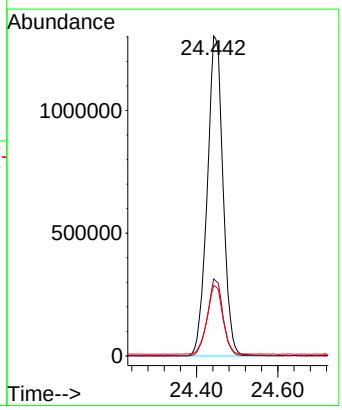


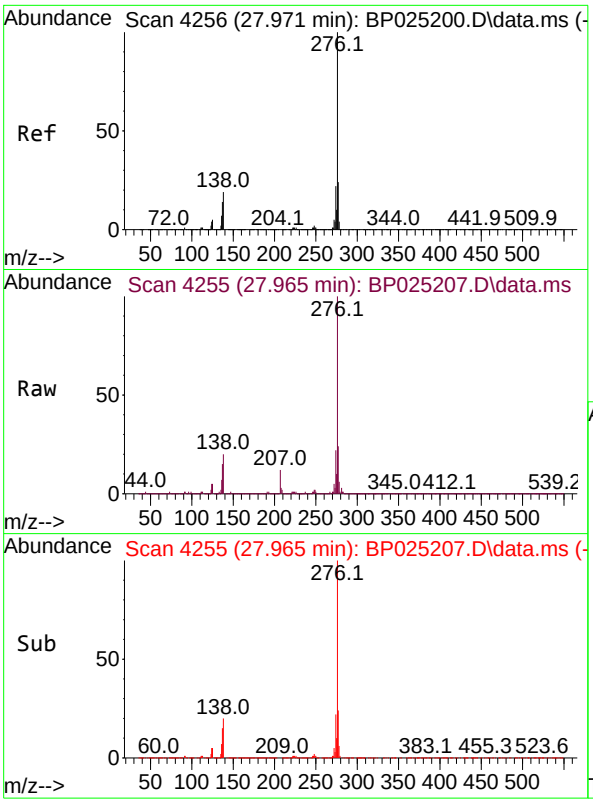




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3656
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:264 Resp: 3535256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |



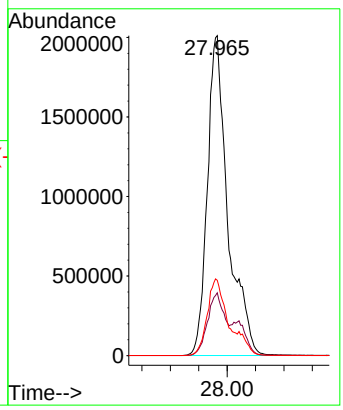


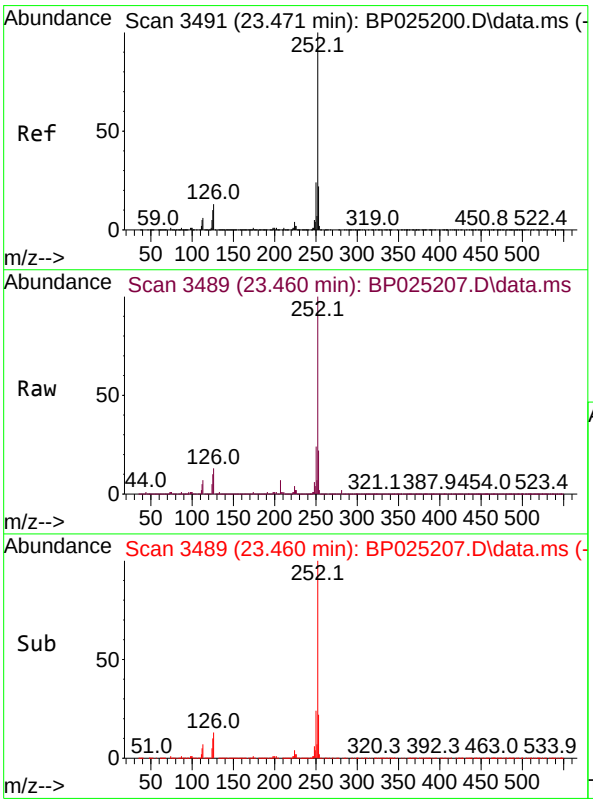

#87
Indeno(1,2,3-cd)pyrene
Concen: 39.045 ng
RT: 27.965 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp:10087175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.2 | 12.8 | 19.2 |
| 277 | 22.2 | 20.3 | 30.5 |

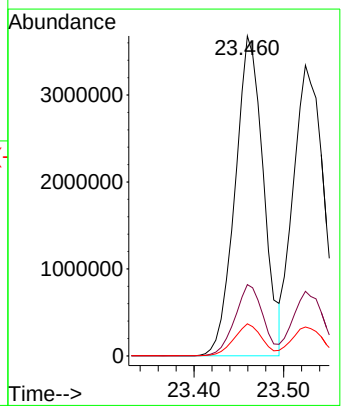


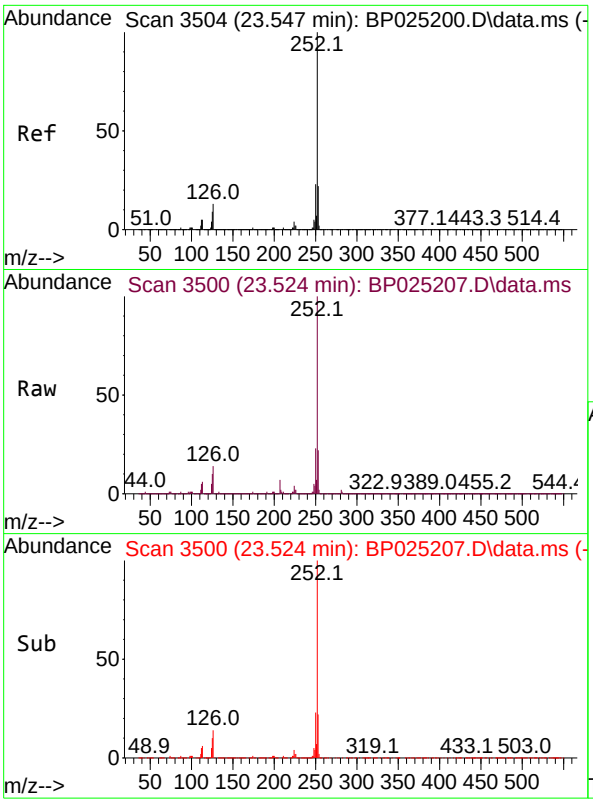




#88
Benzo(b)fluoranthene
Concen: 39.909 ng
RT: 23.460 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 8075955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 10.0 | 7.8 | 11.8 |



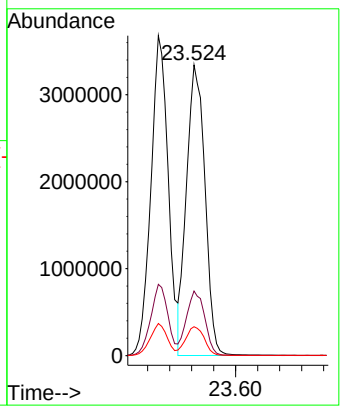


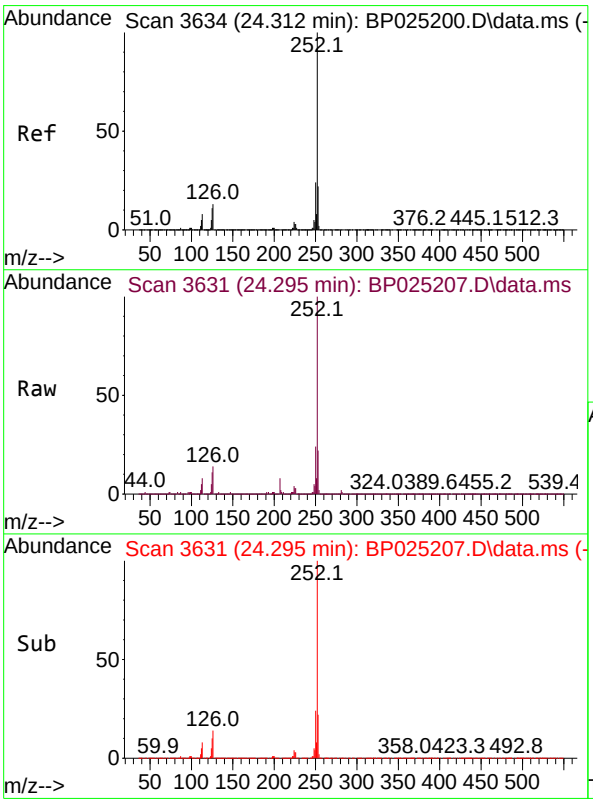

#89
Benzo(k)fluoranthene
Concen: 39.003 ng
RT: 23.524 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 7791858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.9 | 7.5 | 11.3 |

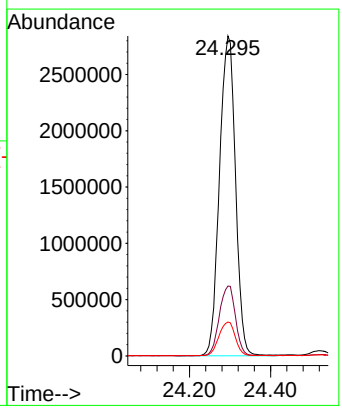


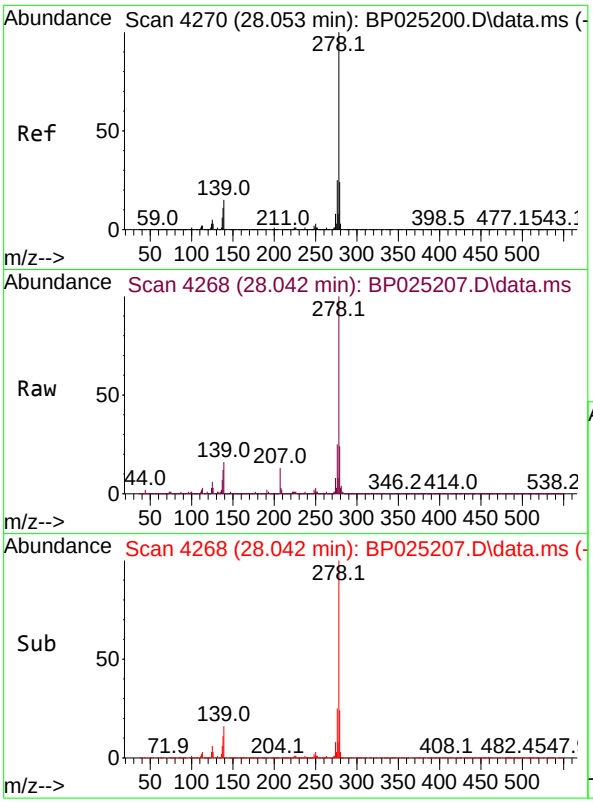




#90
Benzo(a)pyrene
Concen: 39.278 ng
RT: 24.295 min Scan# 3631
Delta R.T. -0.017 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:252 Resp: 7755162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 10.6 | 8.6 | 12.8 |



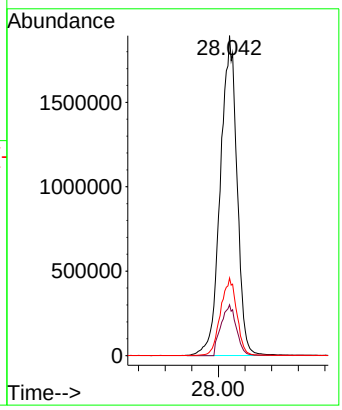


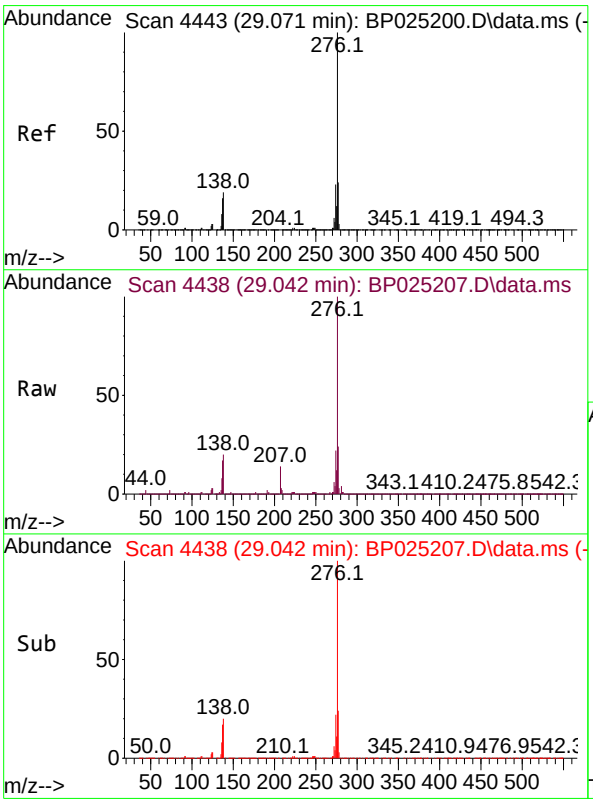

#91
Dibenzo(a,h)anthracene
Concen: 39.040 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 8228589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.9 | 12.0 | 18.0 |
| 279 | 24.2 | 19.5 | 29.3 |

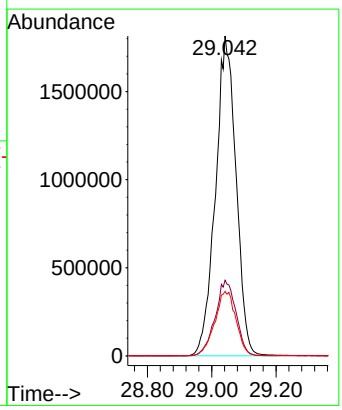



#92
Benzo(g,h,i)perylene
Concen: 38.890 ng
RT: 29.042 min Scan# 4438
Delta R.T. -0.029 min
Lab File: BP025207.D
Acq: 22 Jul 2025 09:45

Tgt Ion:276 Resp: 8055533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.2 | 28.8 |
| 138 | 20.1 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.447 | -0.7 | 76 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.180 | 0.7 | 73 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.468 | 0.6 | 72 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.169 | 1.3 | 73 | 0.00 |
| 6 | | Aniline | 1.916 | 1.928 | -0.6 | 72 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.473 | -0.5 | 73 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.331 | 0.9 | 72 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.538 | 45.9# | 35# | 0.00 |
| 10 | C | Phenol | 1.520 | 1.518 | 0.1 | 72 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.164 | 0.2 | 72 | -0.01 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.489 | 1.4 | 72 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.506 | 1.2 | 72 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.454 | 0.9 | 73 | -0.01 |
| 15 | | Benzyl Alcohol | 1.057 | 1.051 | 0.6 | 72 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.477 | 0.9 | 72 | -0.01 |
| 17 | | 2-Methylphenol | 1.054 | 1.052 | 0.2 | 72 | -0.01 |
| 18 | | Hexachloroethane | 0.524 | 0.521 | 0.6 | 73 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.897 | -1.7 | 73 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.413 | 1.7 | 71 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.463 | 0.4 | 73 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.359 | 0.3 | 72 | -0.01 |
| 24 | | Nitrobenzene | 0.321 | 0.321 | 0.0 | 73 | -0.01 |
| 25 | | Isophorone | 0.633 | 0.630 | 0.5 | 72 | -0.02 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.181 | 1.6 | 70 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.305 | 1.0 | 71 | -0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.394 | 0.5 | 73 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.314 | 0.9 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.335 | 3.2 | 71 | -0.01 |
| 31 | | Naphthalene | 1.023 | 1.011 | 1.2 | 72 | -0.01 |
| 32 | | Benzoic acid | 0.235 | 0.236 | -0.4 | 71 | -0.02 |
| 33 | | 4-Chloroaniline | 0.450 | 0.451 | -0.2 | 73 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.202 | 2.9 | 71 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.106 | -1.0 | 75 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.316 | 0.3 | 73 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.652 | 2.0 | 72 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.692 | 0.9 | 72 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.588 | 1.8 | 71 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.372 | -3.9 | 75 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.299 | -1.4 | 75 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.402 | 2.0 | 71 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.446 | 1.1 | 71 | -0.01 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.463 | -3.1 | 75 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.450 | 0.0 | 73 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.111 | 1.9 | 72 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.297 | -2.8 | 74 | -0.01 |
| 49 | | Acenaphthylene | 1.831 | 1.859 | -1.5 | 74 | 0.00 |
| 50 | | Dimethylphthalate | 1.430 | 1.435 | -0.3 | 75 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.317 | -1.9 | 73 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.064 | -0.5 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.361 | -3.1 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.186 | -1.1 | 74 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.721 | -0.6 | 74 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.307 | -2.3 | 76 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.453 | -4.1 | 75 | -0.01 |
| 58 | | Fluorene | 1.358 | 1.377 | -1.4 | 74 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.405 | -1.5 | 74 | 0.00 |
| 60 | | Diethylphthalate | 1.410 | 1.416 | -0.4 | 74 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.694 | -1.2 | 74 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.372 | -4.5 | 77 | -0.01 |
| 63 | | Azobenzene | 1.149 | 1.163 | -1.2 | 74 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 75 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.128 | 0.8 | 73 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.606 | 0.2 | 76 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.231 | 0.9 | 75 | 0.00 |
| 68 | | Hexachlorobenzene | 0.277 | 0.272 | 1.8 | 73 | -0.01 |
| 69 | | Atrazine | 0.225 | 0.227 | -0.9 | 77 | 0.00 |
| 70 | C | Pentachlorophenol | 0.188 | 0.189 | -0.5 | 75 | -0.01 |
| 71 | | Phenanthrene | 1.079 | 1.082 | -0.3 | 76 | -0.01 |
| 72 | | Anthracene | 1.087 | 1.107 | -1.8 | 77 | 0.00 |
| 73 | | Carbazole | 1.037 | 1.043 | -0.6 | 76 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.249 | -4.3 | 78 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.296 | -2.0 | 78 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 82 | 0.01 |
| 77 | | Benzidine | 0.702 | 0.541 | 22.9 | 52 | 0.00 |
| 78 | | Pyrene | 1.233 | 1.234 | -0.1 | 80 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.013 | 0.994 | 1.9 | 91 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.538 | 3.6 | 78 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.260 | 0.2 | 83 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.495 | 5.5 | 80 | 0.00 |
| 83 | | Chrysene | 1.179 | 1.146 | 2.8 | 81 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.801 | -0.4 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.388 | -0.7 | 82 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 81 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.427 | 2.4 | 81 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.142 | 0.3 | 82 | -0.01 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.102 | 2.5 | 79 | -0.02 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.097 | 1.8 | 81 | -0.02 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.164 | 2.3 | 81 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.139 | 2.8 | 81 | -0.03 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev Area% | Dev(min) |
|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.265 | -0.7 | 76 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.744 | 0.6 | 73 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.746 | 0.6 | 72 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.027 | 1.2 | 73 | 0.00 |
| 6 | | Aniline | 40.000 | 40.247 | -0.6 | 72 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 80.374 | -0.5 | 73 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.644 | 0.9 | 72 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 21.664 | 45.8# | 35 | 0.00 |
| 10 | C | Phenol | 40.000 | 39.940 | 0.2 | 72 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.952 | 0.1 | 72 | -0.01 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.446 | 1.4 | 72 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.505 | 1.2 | 72 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.666 | 0.8 | 73 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 39.752 | 0.6 | 72 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.623 | 0.9 | 72 | -0.01 |
| 17 | | 2-Methylphenol | 40.000 | 39.905 | 0.2 | 72 | -0.01 |
| 18 | | Hexachloroethane | 40.000 | 39.753 | 0.6 | 73 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.683 | -1.7 | 73 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.311 | 1.7 | 71 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.812 | 0.5 | 73 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.711 | 0.4 | 72 | -0.01 |
| 24 | | Nitrobenzene | 40.000 | 39.985 | 0.0 | 73 | -0.01 |
| 25 | | Isophorone | 40.000 | 39.793 | 0.5 | 72 | -0.02 |
| 26 | C | 2-Nitrophenol | 40.000 | 39.295 | 1.8 | 70 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.514 | 1.2 | 71 | -0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.774 | 0.6 | 73 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.617 | 1.0 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.753 | 3.1 | 71 | -0.01 |
| 31 | | Naphthalene | 40.000 | 39.531 | 1.2 | 72 | -0.01 |
| 32 | | Benzoic acid | 40.000 | 40.117 | -0.3 | 71 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 40.076 | -0.2 | 73 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.875 | 2.8 | 71 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.364 | -0.9 | 75 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.976 | 0.1 | 73 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.242 | 1.9 | 72 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.661 | 0.8 | 72 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.221 | 1.9 | 71 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 41.625 | -4.1 | 75 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 81.144 | -1.4 | 75 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.303 | 1.7 | 71 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.566 | 1.1 | 71 | -0.01 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 82.491 | -3.1 | 75 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 40.011 | -0.0 | 73 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.272 | 1.8 | 72 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.124 | -2.8 | 74 | -0.01 |
| 49 | | Acenaphthylene | 40.000 | 40.605 | -1.5 | 74 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.135 | -0.3 | 75 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.744 | -1.9 | 73 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.205 | -0.5 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.192 | -3.0 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 40.443 | -1.1 | 74 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.254 | -0.6 | 74 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.917 | -2.3 | 76 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.660 | -4.1 | 75 | -0.01 |
| 58 | | Fluorene | 40.000 | 40.569 | -1.4 | 74 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.628 | -1.6 | 74 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.178 | -0.4 | 74 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.491 | -1.2 | 74 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.736 | -4.3 | 77 | -0.01 |
| 63 | | Azobenzene | 40.000 | 40.508 | -1.3 | 74 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 39.717 | 0.7 | 73 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.946 | 0.1 | 76 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.571 | 1.1 | 75 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.300 | 1.8 | 73 | -0.01 |
| 69 | | Atrazine | 40.000 | 40.420 | -1.1 | 77 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.017 | -0.0 | 75 | -0.01 |
| 71 | | Phenanthrene | 40.000 | 40.136 | -0.3 | 76 | -0.01 |
| 72 | | Anthracene | 40.000 | 40.748 | -1.9 | 77 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.204 | -0.5 | 76 | -0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 41.740 | -4.4 | 78 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.829 | -2.1 | 78 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 82 | 0.01 |
| 77 | | Benzidine | 40.000 | 30.797 | 23.0 | 52 | 0.00 |
| 78 | | Pyrene | 40.000 | 40.037 | -0.1 | 80 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.475 | 1.9 | 91 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 38.577 | 3.6 | 78 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.916 | 0.2 | 83 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 37.846 | 5.4 | 80 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.894 | 2.8 | 81 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.129 | -0.3 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.281 | -0.7 | 82 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 81 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.045 | 2.4 | 81 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.909 | 0.2 | 82 | -0.01 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.003 | 2.5 | 79 | -0.02 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.278 | 1.8 | 81 | -0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.040 | 2.4 | 81 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.890 | 2.8 | 81 | -0.03 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025207.D
Acq On : 22 Jul 2025 09:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 11:29:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/22/2025 16:47

Lab File ID: BP025217.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.184 | | 0.0 | 50.0 |
| Phenol-d6 | 1.466 | 1.469 | | 0.2 | 50.0 |
| Nitrobenzene-d5 | 0.360 | 0.366 | | 1.7 | 50.0 |
| Naphthalene | 1.023 | 1.020 | | -0.3 | 50.0 |
| 2-Methylnaphthalene | 0.665 | 0.670 | | 0.8 | 50.0 |
| 2-Fluorobiphenyl | 1.419 | 1.454 | | 2.5 | 50.0 |
| Acenaphthylene | 1.831 | 1.858 | | 1.5 | 50.0 |
| Acenaphthene | 1.059 | 1.049 | | -0.9 | 50.0 |
| Fluorene | 1.358 | 1.377 | | 1.4 | 50.0 |
| 2,4,6-Tribromophenol | 0.295 | 0.300 | | 1.7 | 50.0 |
| Phenanthrene | 1.079 | 1.064 | | -1.4 | 50.0 |
| Anthracene | 1.087 | 1.102 | | 1.4 | 50.0 |
| Fluoranthene | 1.270 | 1.261 | | -0.7 | 50.0 |
| Pyrene | 1.233 | 1.257 | | 1.9 | 50.0 |
| Terphenyl-d14 | 1.013 | 1.008 | | -0.5 | 50.0 |
| Benzo(a)anthracene | 1.263 | 1.259 | | -0.3 | 50.0 |
| Chrysene | 1.179 | 1.176 | | -0.3 | 50.0 |
| Benzo(b)fluoranthene | 1.145 | 1.124 | | -1.8 | 50.0 |
| Benzo(k)fluoranthene | 1.130 | 1.105 | | -2.2 | 50.0 |
| Benzo(a)pyrene | 1.117 | 1.088 | | -2.6 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.454 | | -0.5 | 50.0 |
| Dibenzo(a,h)anthracene | 1.192 | 1.192 | | 0.0 | 50.0 |
| Benzo(g,h,i)perylene | 1.172 | 1.156 | | -1.4 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 484805 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 1949886 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.089 | 164 | 1283190 | 20.000 | ng | | 0.01 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 2609516 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.336 | 240 | 2676711 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.465 | 264 | 3220793 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2295766 | 80.012 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2848426 | 80.153 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 2850806 | 81.250 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1540989 | 81.460 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7465526 | 82.022 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.666 | 244 | 10796124 | 79.620 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 428506 | 39.847 | ng | | 99 |
| 3) Pyridine | 3.496 | 79 | 1143807 | 39.735 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 457523 | 40.078 | ng | | 95 |
| 6) Aniline | 6.778 | 93 | 1864526 | 40.138 | ng | | 99 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1308790 | 40.201 | ng | | 100 |
| 9) Benzaldehyde | 6.596 | 77 | 945417 | 39.238 | ng | | 98 |
| 10) Phenol | 6.666 | 94 | 1476571 | 40.065 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1128018 | 39.923 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1452137 | 39.664 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 1471223 | 39.812 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 1422625 | 40.017 | ng | | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1044047 | 40.729 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.949 | 45 | 1416363 | 39.177 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 1021093 | 39.964 | ng | | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 513517 | 40.407 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 874584 | 40.909 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.201 | 107 | 1404751 | 40.305 | ng | | 99 |
| 22) Acetophenone | 8.237 | 105 | 1841706 | 40.591 | ng | # | 99 |
| 24) Nitrobenzene | 8.601 | 77 | 1268326 | 40.551 | ng | | 97 |
| 25) Isophorone | 9.131 | 82 | 2511042 | 40.697 | ng | | 98 |
| 26) 2-Nitrophenol | 9.307 | 139 | 756773 | 42.134 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1220037 | 40.594 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 1549265 | 40.143 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.837 | 162 | 1259414 | 40.789 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 1335187 | 39.591 | ng | | 100 |
| 31) Naphthalene | 10.225 | 128 | 3976670 | 39.855 | ng | | 99 |
| 32) Benzoic acid | 9.537 | 122 | 981015 | 42.757 | ng | | 100 |
| 33) 4-Chloroaniline | 10.337 | 127 | 1788185 | 40.770 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 809228 | 39.867 | ng | | 99 |
| 35) Caprolactam | 11.137 | 113 | 424342 | 41.409 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.490 | 107 | 1269467 | 41.129 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.848 | 142 | 2611585 | 40.308 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 2737847 | 40.228 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 1517651 | 39.457 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 887835 | 38.668 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.490 | 196 | 1049931 | 39.950 | ng | | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

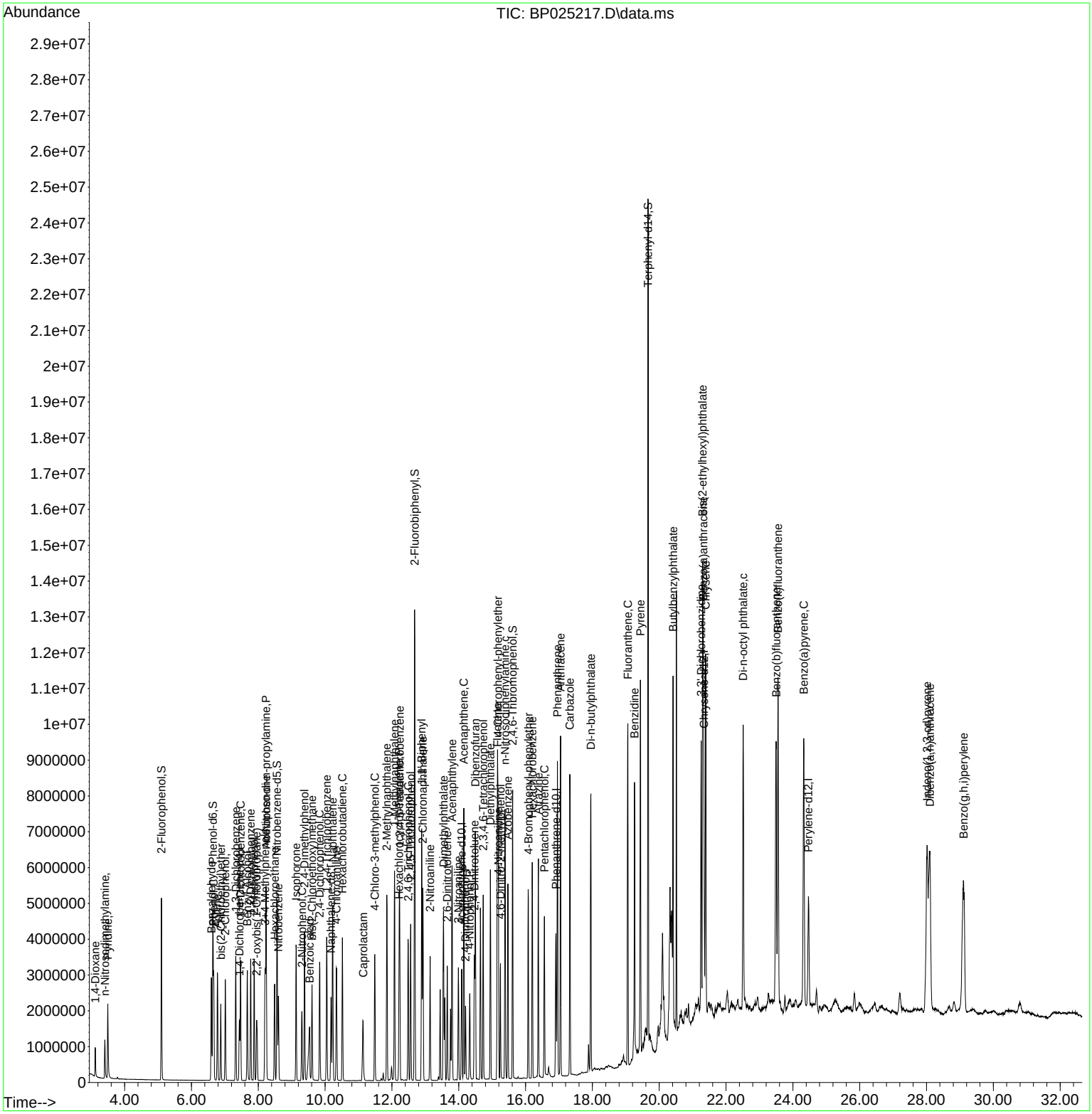
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1169262 | 40.430 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.889 | 154 | 3704215 | 39.821 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 2878391 | 39.634 | ng | 100 |
| 48) 2-Nitroaniline | 13.142 | 65 | 767149 | 41.364 | ng | 97 |
| 49) Acenaphthylene | 13.801 | 152 | 4767242 | 40.585 | ng | 99 |
| 50) Dimethylphthalate | 13.542 | 163 | 3701569 | 40.335 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 820876 | 41.167 | ng | 97 |
| 52) Acenaphthene | 14.154 | 154 | 2691736 | 39.628 | ng | 99 |
| 53) 3-Nitroaniline | 13.989 | 138 | 919365 | 40.886 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 508500 | 43.041 | ng | 98 |
| 55) Dibenzofuran | 14.495 | 168 | 4350726 | 39.654 | ng | 100 |
| 56) 4-Nitrophenol | 14.331 | 139 | 780640 | 40.570 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.466 | 165 | 1166349 | 41.787 | ng | 98 |
| 58) Fluorene | 15.154 | 166 | 3533493 | 40.566 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 1036076 | 40.480 | ng | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 3690362 | 40.800 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.172 | 204 | 1774043 | 40.306 | ng | 98 |
| 62) 4-Nitroaniline | 15.189 | 138 | 966919 | 42.282 | ng | 97 |
| 63) Azobenzene | 15.472 | 77 | 3013069 | 40.879 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 693387 | 41.173 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.383 | 169 | 3160118 | 39.898 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.083 | 248 | 1208101 | 39.669 | ng | 97 |
| 68) Hexachlorobenzene | 16.201 | 284 | 1412145 | 39.045 | ng | 97 |
| 69) Atrazine | 16.383 | 200 | 1189643 | 40.589 | ng | 99 |
| 70) Pentachlorophenol | 16.566 | 266 | 971735 | 39.511 | ng | 99 |
| 71) Phenanthrene | 16.954 | 178 | 5553593 | 39.459 | ng | 100 |
| 72) Anthracene | 17.048 | 178 | 5749207 | 40.549 | ng | 100 |
| 73) Carbazole | 17.325 | 167 | 5336598 | 39.428 | ng | 99 |
| 74) Di-n-butylphthalate | 17.954 | 149 | 6587240 | 42.180 | ng | 100 |
| 75) Fluoranthene | 19.060 | 202 | 6580038 | 39.724 | ng | 99 |
| 77) Benzidine | 19.260 | 184 | 4002294 | 42.589 | ng | 100 |
| 78) Pyrene | 19.436 | 202 | 6726583 | 40.757 | ng | 99 |
| 80) Butylbenzylphthalate | 20.413 | 149 | 2968996 | 39.741 | ng | 99 |
| 81) Benzo(a)anthracene | 21.318 | 228 | 6741360 | 39.881 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.254 | 252 | 2743673 | 39.157 | ng | 100 |
| 83) Chrysene | 21.389 | 228 | 6293514 | 39.884 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 4357084 | 40.787 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.512 | 149 | 7698558 | 41.734 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.018 | 276 | 9368897 | 39.805 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.501 | 252 | 7241040 | 39.276 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.554 | 252 | 7115299 | 39.094 | ng | 99 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 7006621 | 38.952 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.100 | 278 | 7676442 | 39.976 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.112 | 276 | 7445439 | 39.454 | ng | 100 |

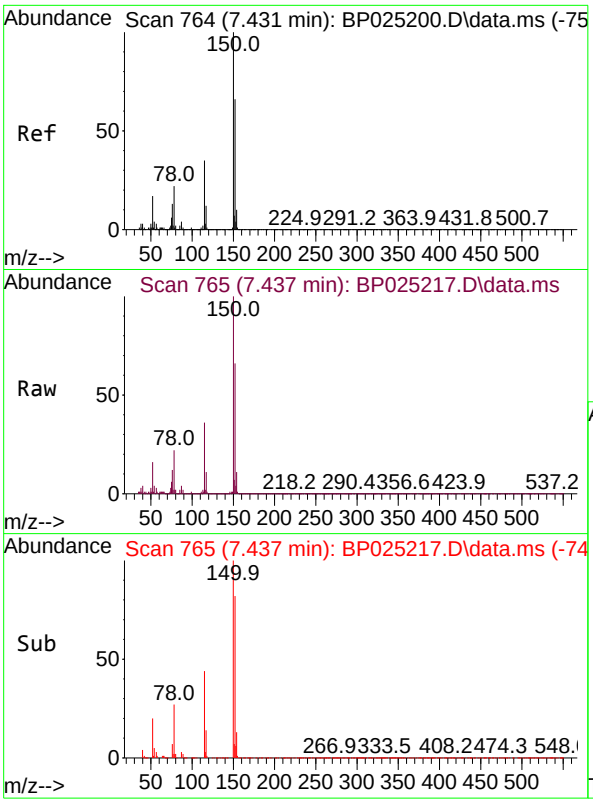
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



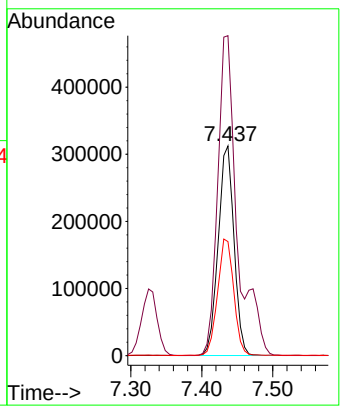


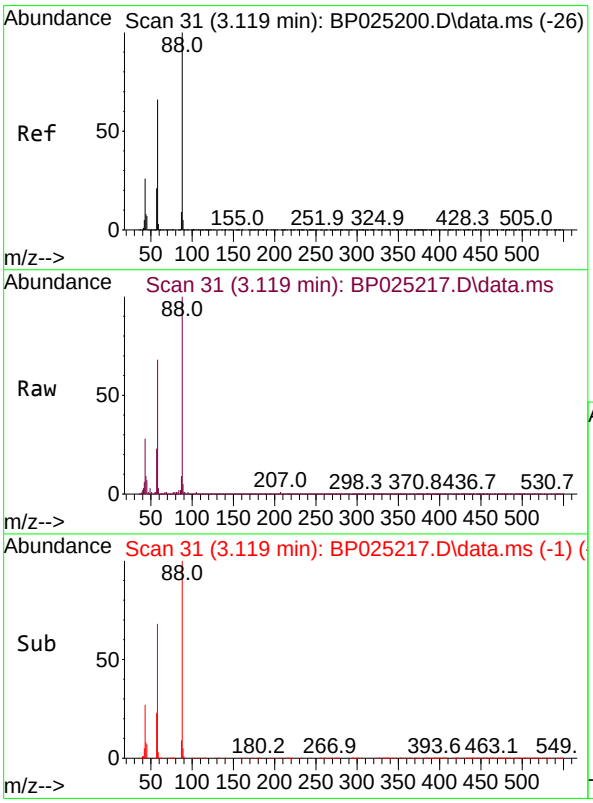

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 484805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 121.9 | 182.9 |
| 115 | 54.4 | 43.0 | 64.6 |

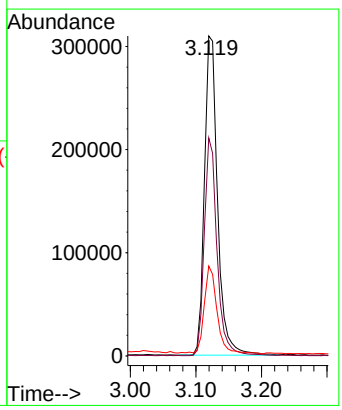


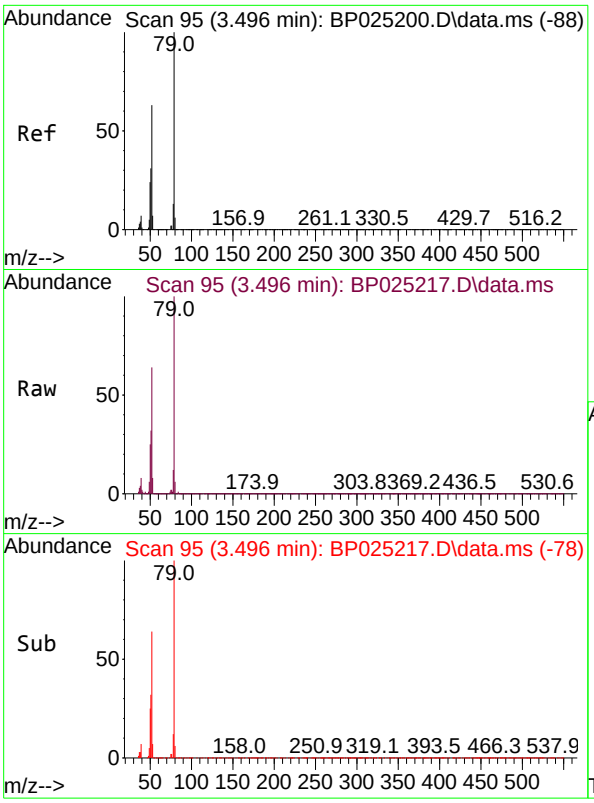




#2
1,4-Dioxane
Concen: 39.847 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 88 Resp: 428506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.4 | 53.5 | 80.3 |
| 43 | 27.5 | 20.8 | 31.2 |



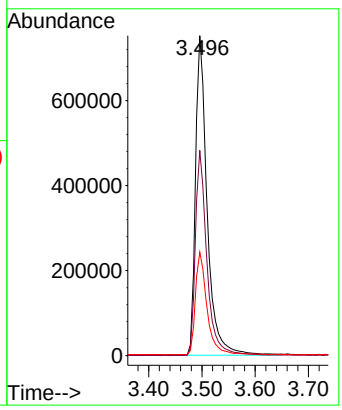


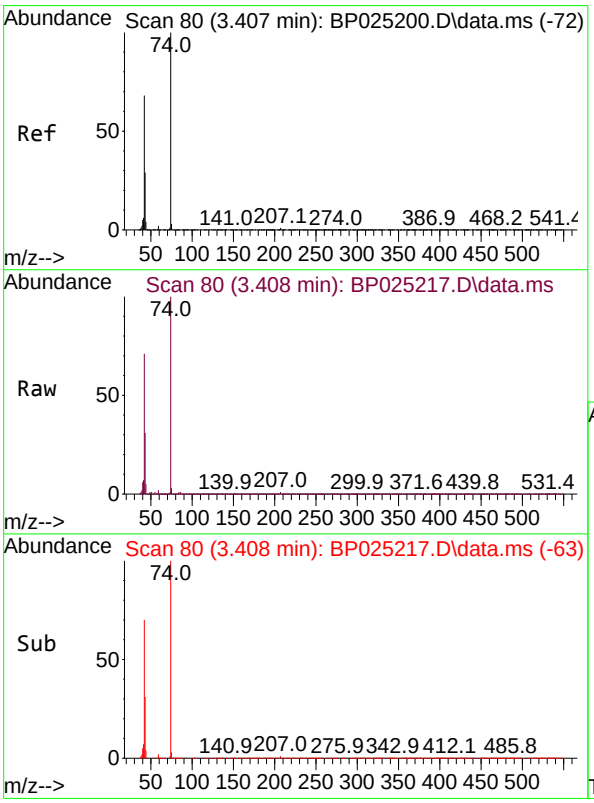

#3
Pyridine
Concen: 39.735 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 1143807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 64.1 | 50.2 | 75.4 |
| 51 | 32.3 | 25.0 | 37.4 |

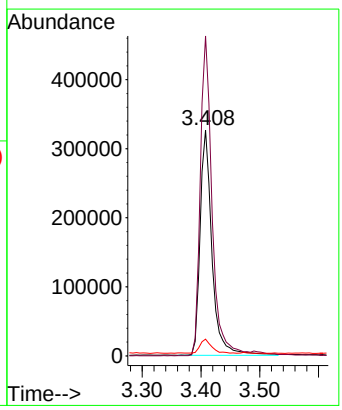


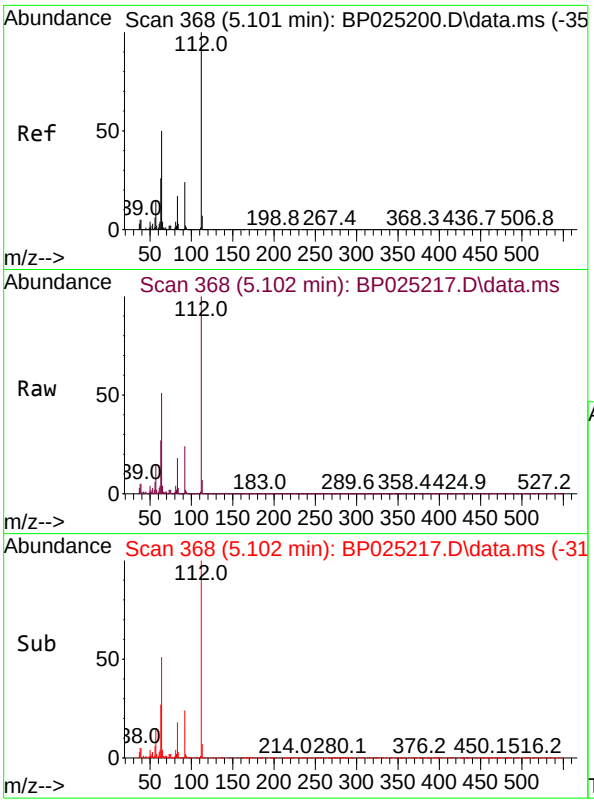




#4
n-Nitrosodimethylamine
Concen: 40.078 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 42 Resp: 457523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.6 | 118.0 | 177.0 |
| 44 | 7.4 | 5.5 | 8.3 |



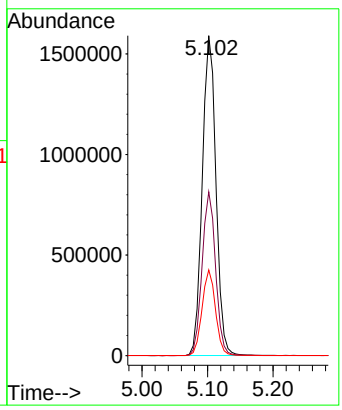


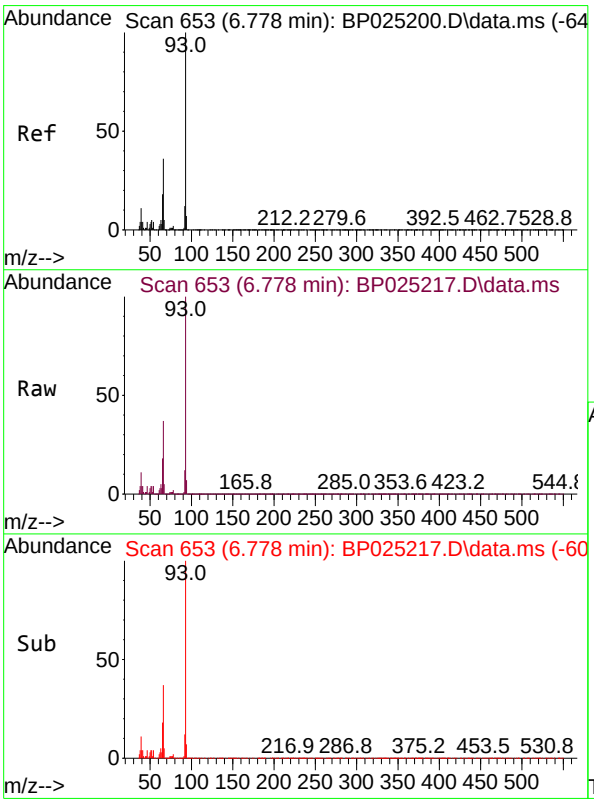

#5
2-Fluorophenol
Concen: 80.012 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 2295766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.2 | 39.8 | 59.6 |
| 63 | 26.8 | 20.5 | 30.7 |

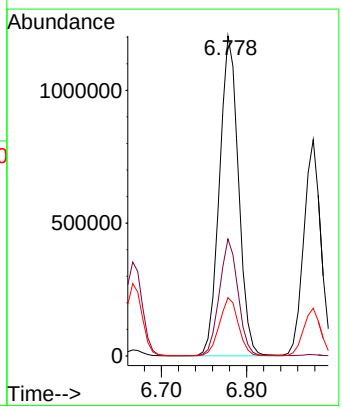


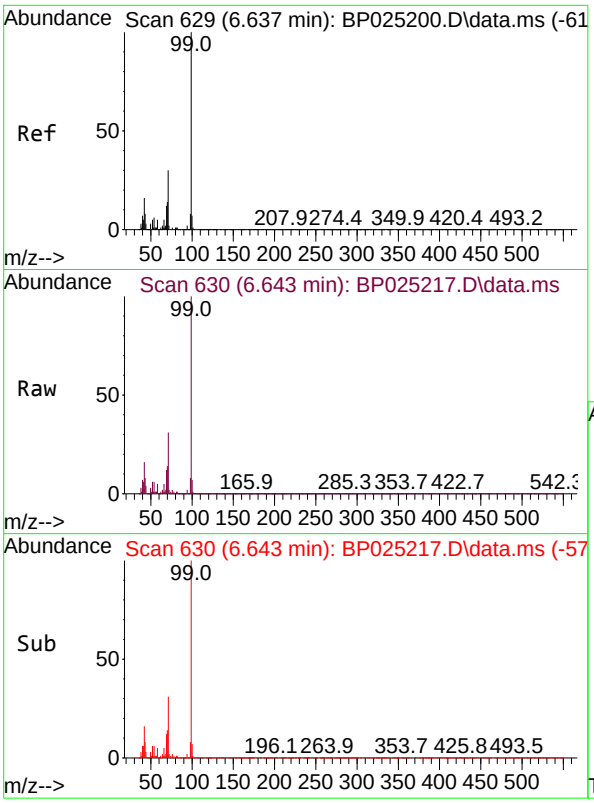




#6
Aniline
Concen: 40.138 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 93 Resp: 1864526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.5 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



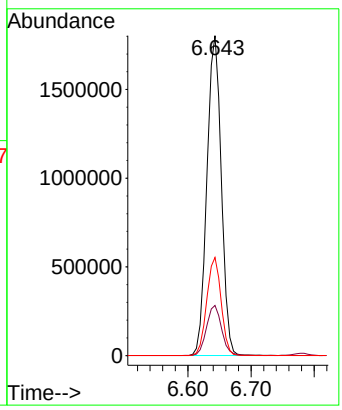


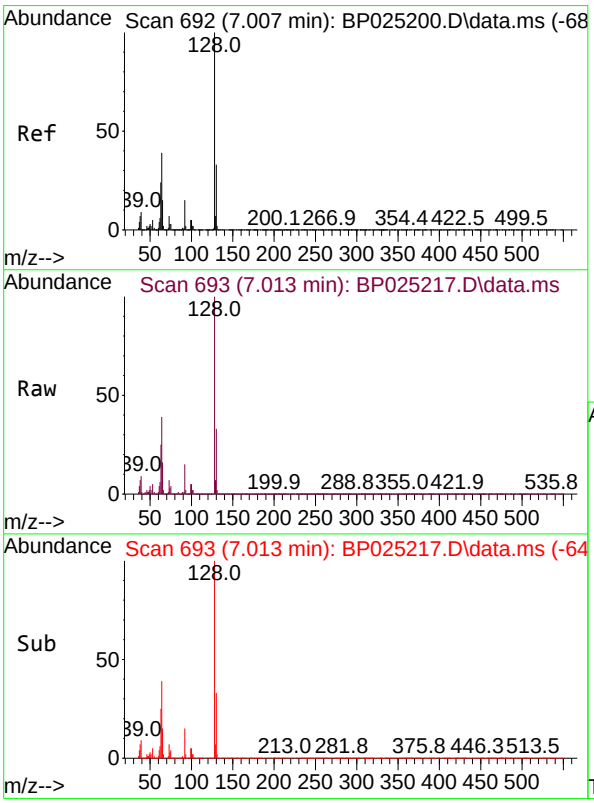

#7
Phenol-d6
Concen: 80.153 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 2848426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.7 | 24.2 | 36.2 |

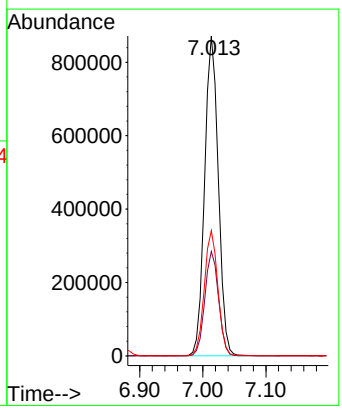


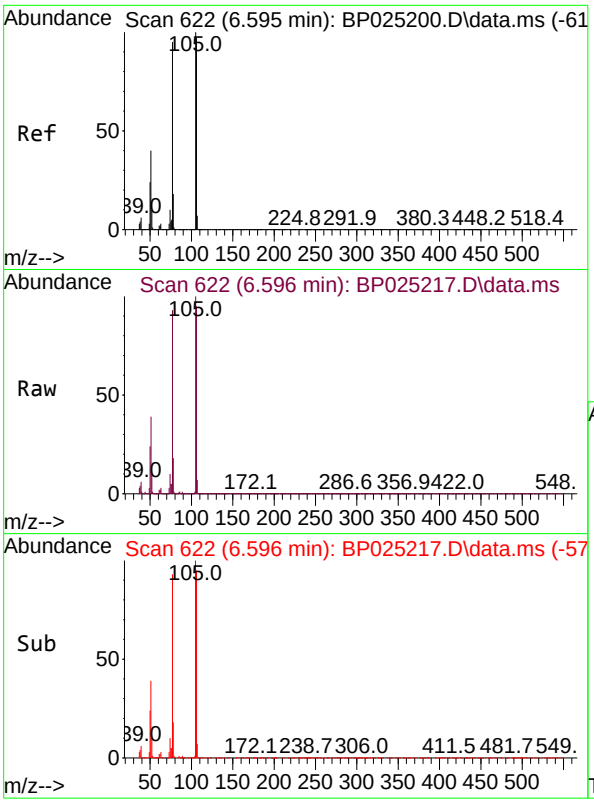




#8
2-Chlorophenol
Concen: 40.201 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:128 Resp: 1308790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 39.1 | 19.2 | 59.2 |



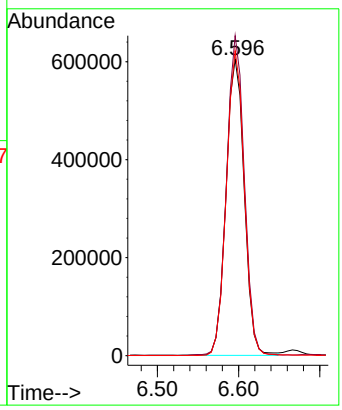


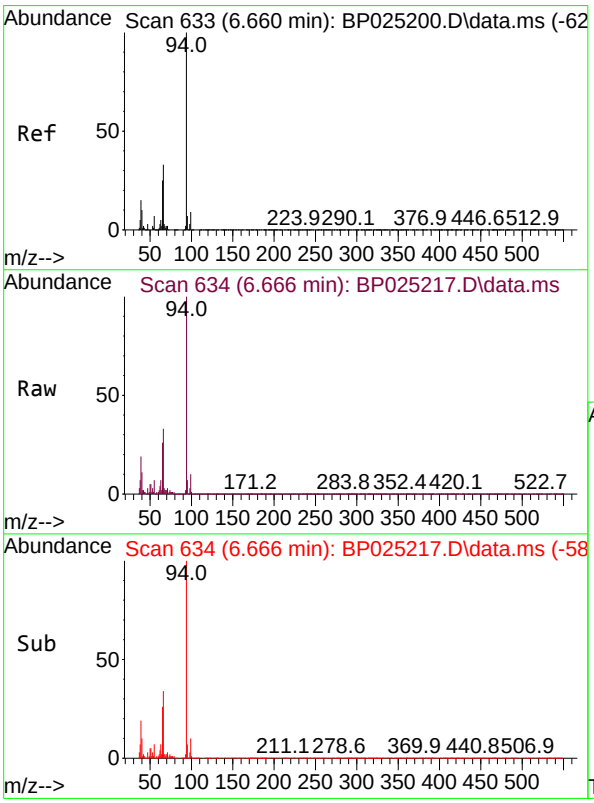

#9
Benzaldehyde
Concen: 39.238 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 945417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 108.0 | 85.5 | 125.5 |
| 106 | 103.0 | 81.9 | 121.9 |

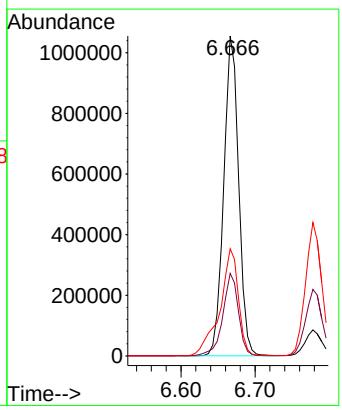


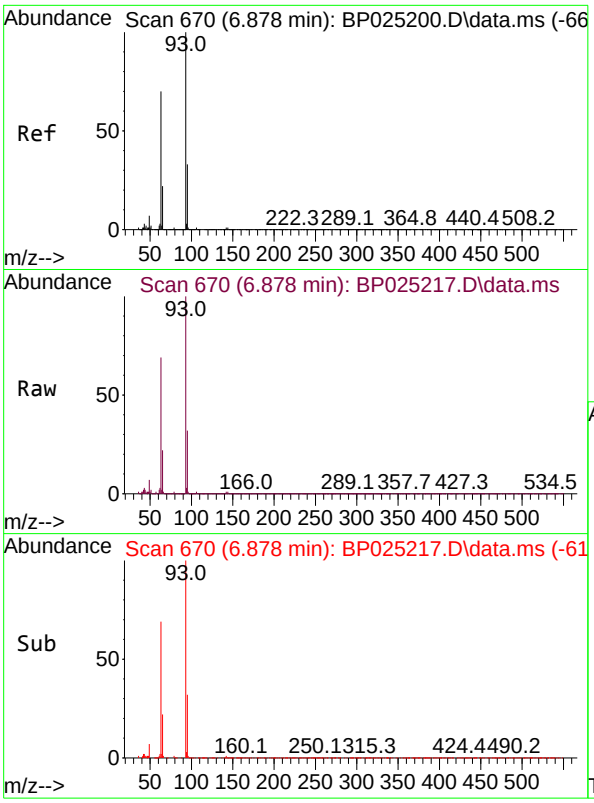




#10
Phenol
Concen: 40.065 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 94 Resp: 1476571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.8 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |



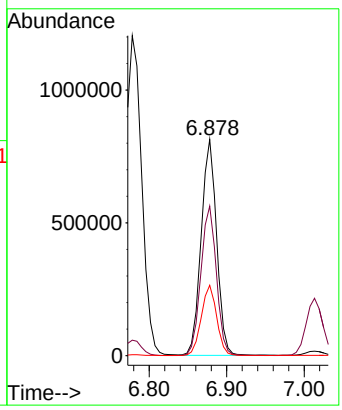


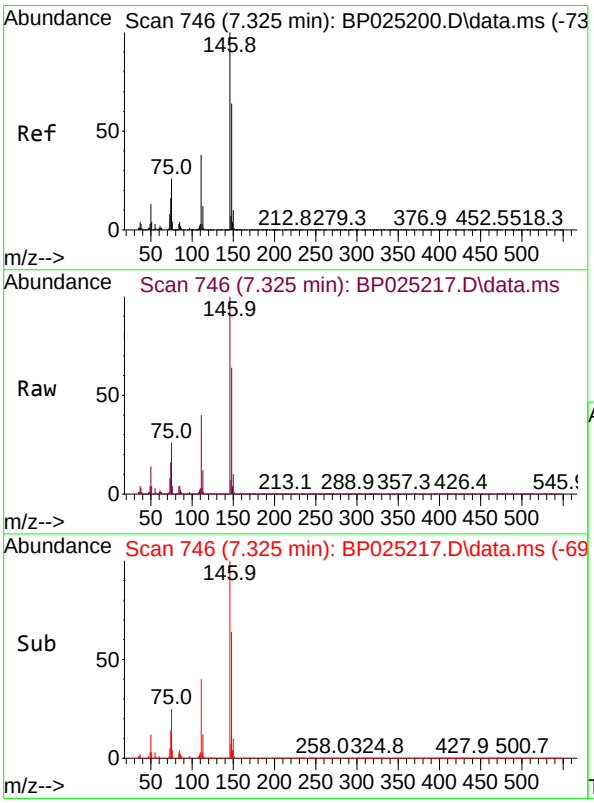

#11
bis(2-Chloroethyl)ether
Concen: 39.923 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 1128018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.2 | 50.0 | 90.0 |
| 95 | 32.5 | 12.9 | 52.9 |

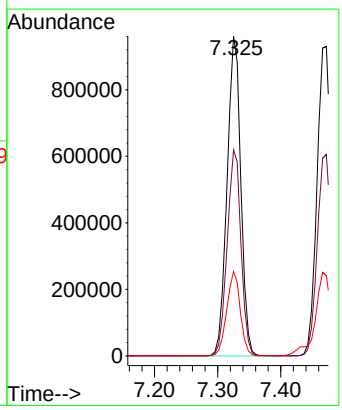


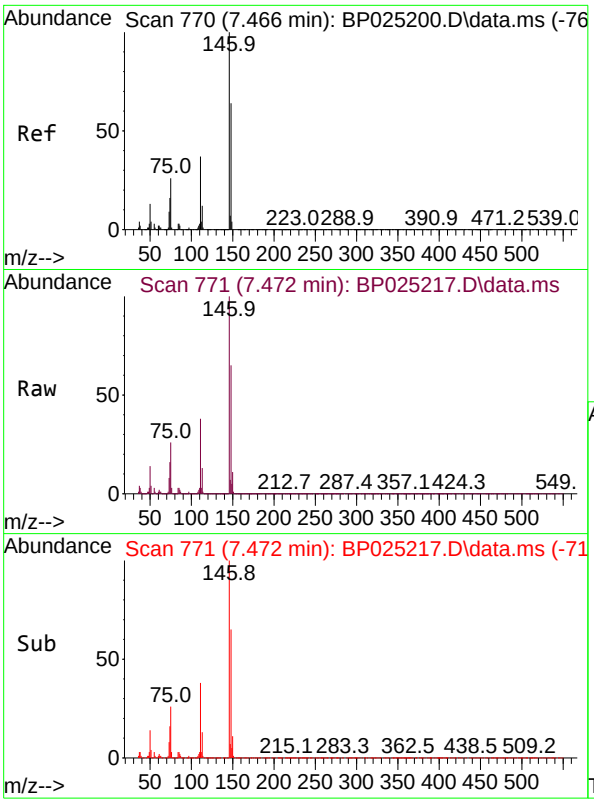




#12
1,3-Dichlorobenzene
Concen: 39.664 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:146 Resp: 1452137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.4 | 77.0 |
| 75 | 26.4 | 20.6 | 31.0 |



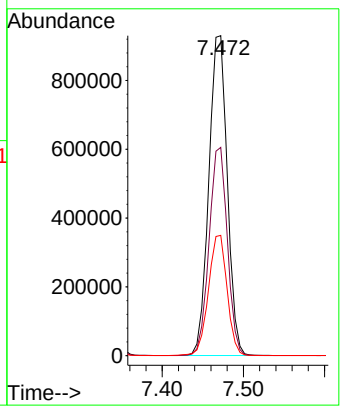


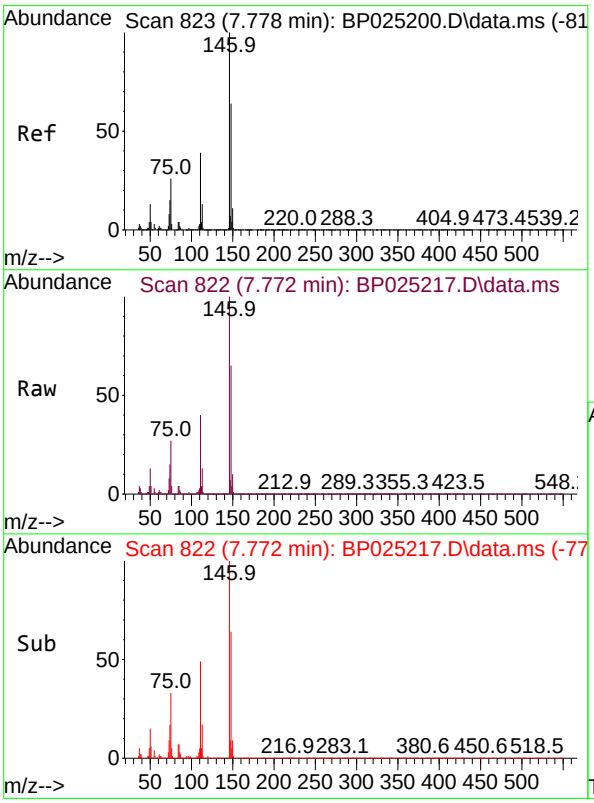

#13
1,4-Dichlorobenzene
Concen: 39.812 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 1471223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.2 |
| 111 | 37.6 | 29.9 | 44.9 |

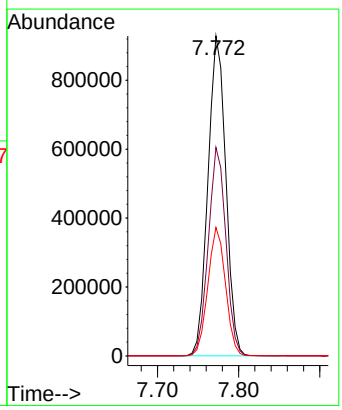


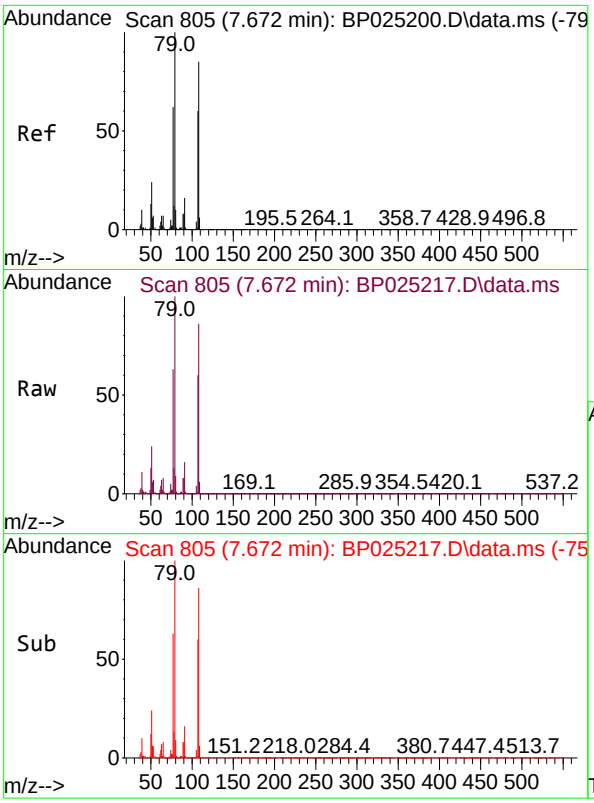




#14
1,2-Dichlorobenzene
Concen: 40.017 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:146 Resp: 1422625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.5 | 77.3 |
| 111 | 40.1 | 31.3 | 46.9 |



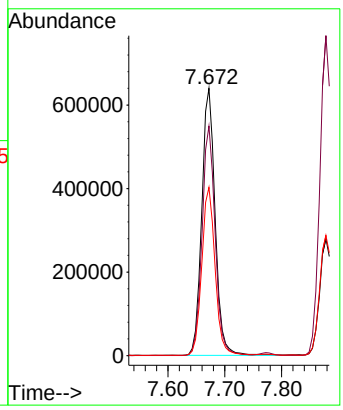


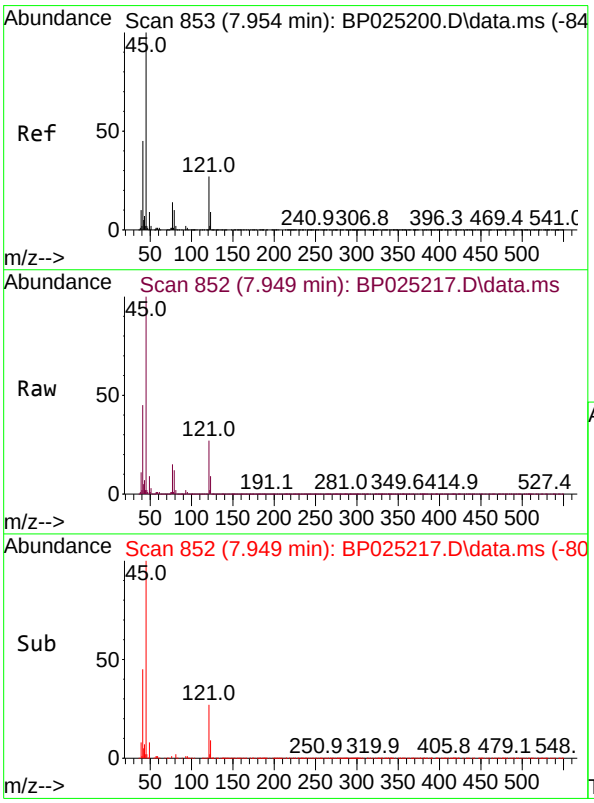

#15
Benzyl Alcohol
Concen: 40.729 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 1044047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.9 | 67.8 | 101.6 |
| 77 | 63.0 | 49.9 | 74.9 |

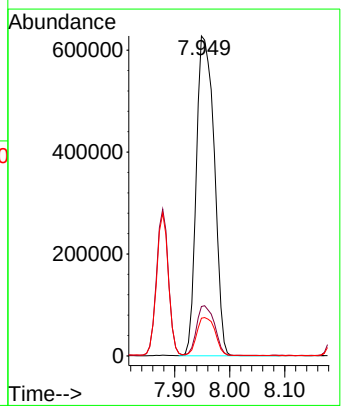


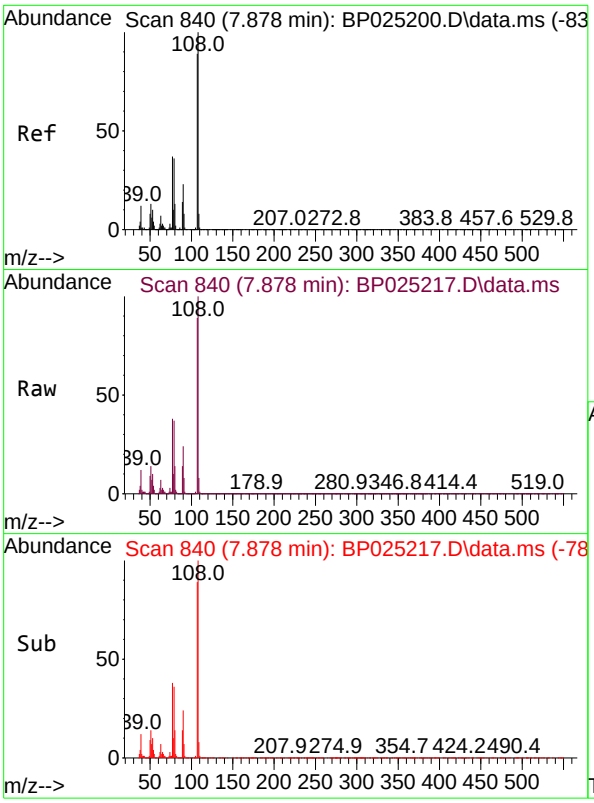




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.177 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 45 Resp: 1416363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.4 | 0.0 | 36.0 |
| 79 | 11.8 | 0.0 | 31.7 |



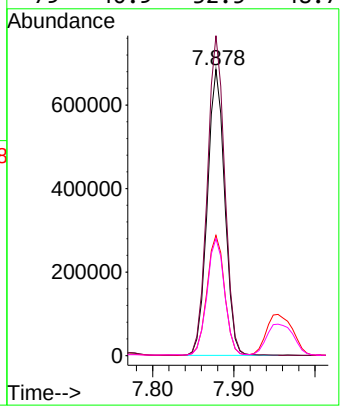


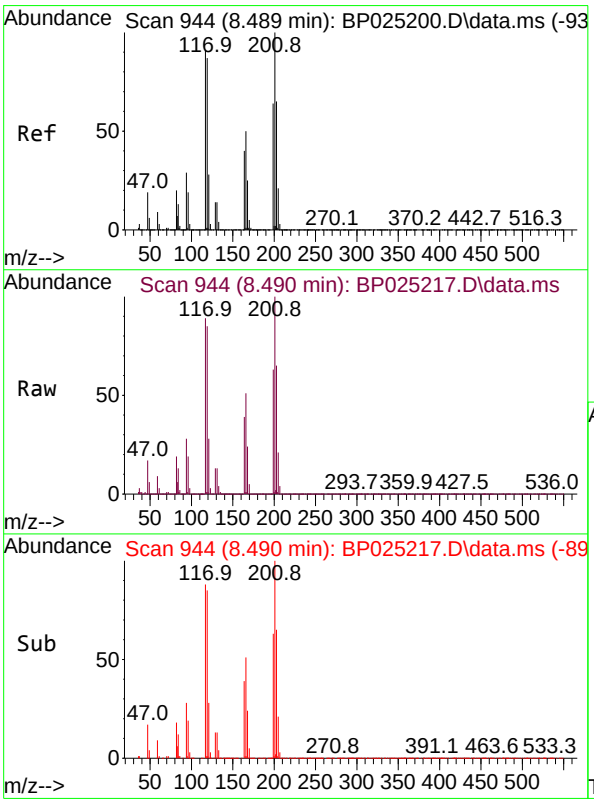

#17
2-Methylphenol
Concen: 39.964 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 1021093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.8 | 89.8 | 134.8 |
| 77 | 42.0 | 33.2 | 49.8 |
| 79 | 40.9 | 32.5 | 48.7 |

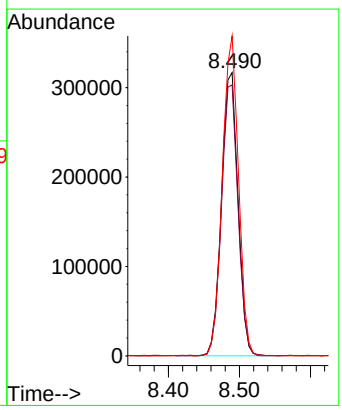


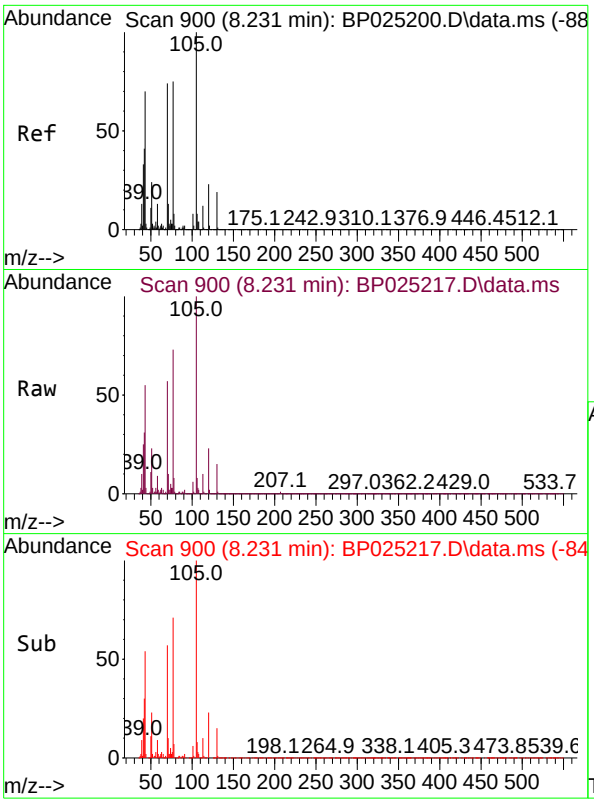




#18
Hexachloroethane
Concen: 40.407 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:117 Resp: 513517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.0 | 115.6 |
| 201 | 112.9 | 88.3 | 132.5 |



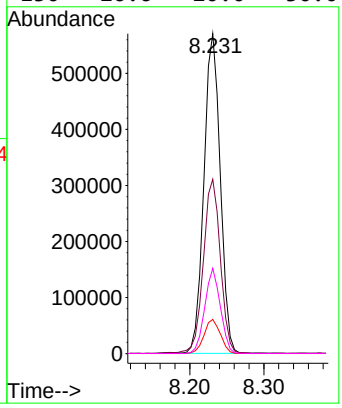


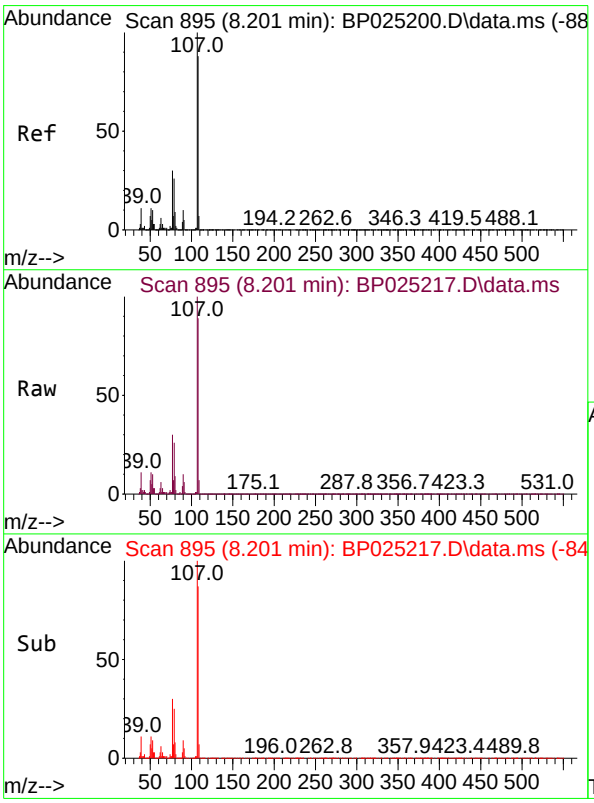

#19
n-Nitroso-di-n-propylamine
Concen: 40.909 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 874584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.5 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 26.6 | 20.0 | 30.0 |

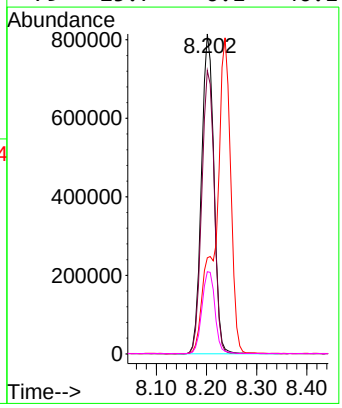


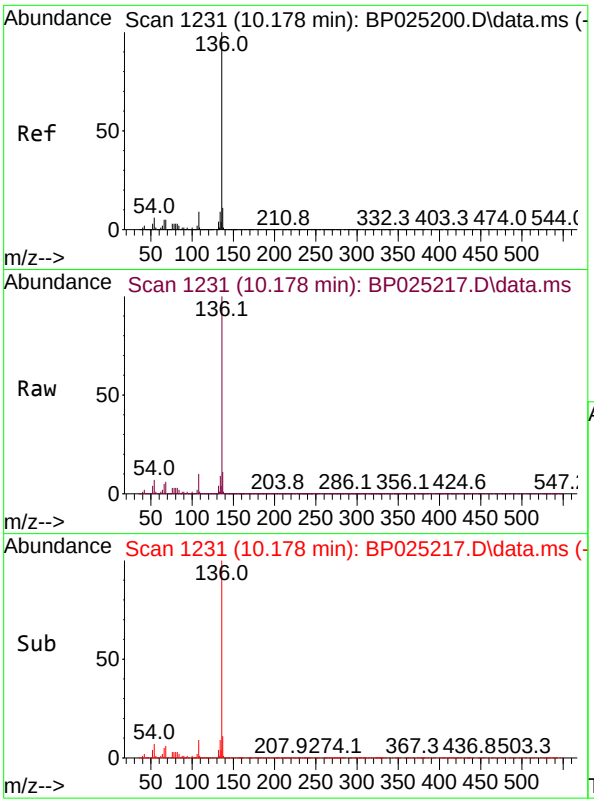




#20
3+4-Methylphenols
Concen: 40.305 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:107 Resp: 1404751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 67.8 | 107.8 |
| 77 | 30.1 | 10.3 | 50.3 |
| 79 | 25.7 | 6.1 | 46.1 |



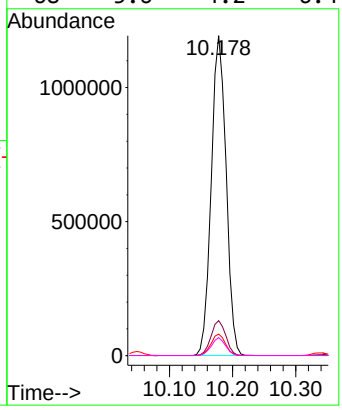


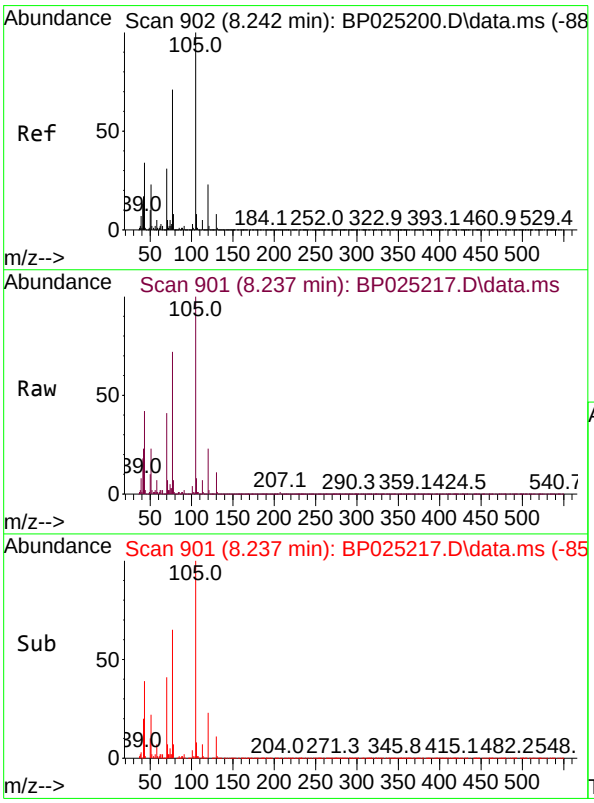

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 1949886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 6.7 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

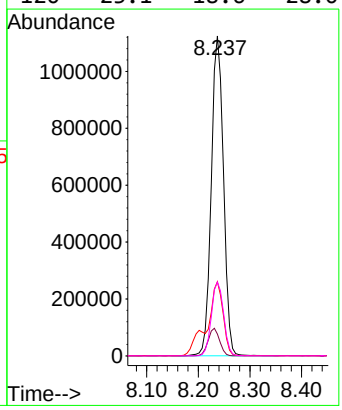


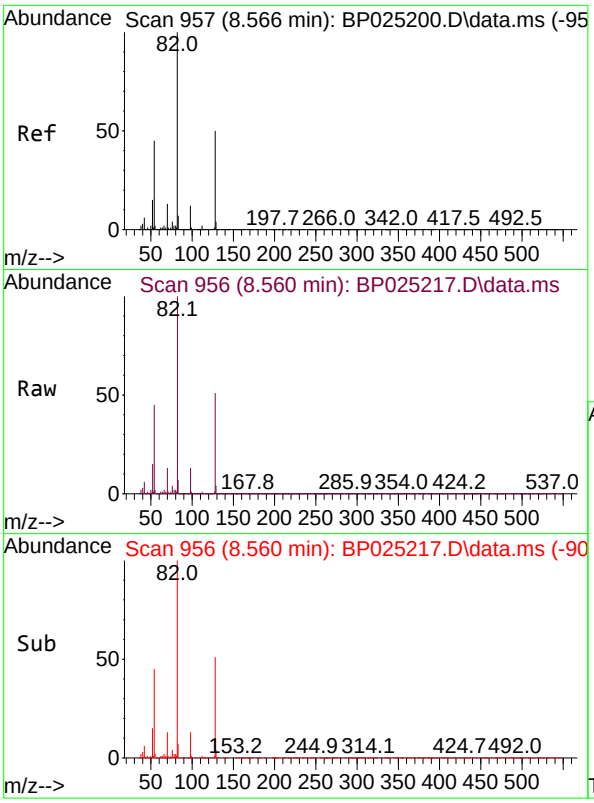




#22
Acetophenone
Concen: 40.591 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:105 Resp: 1841706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.8 | 4.1 | 6.1# |
| 51 | 23.2 | 18.5 | 27.7 |
| 120 | 23.1 | 18.6 | 28.0 |



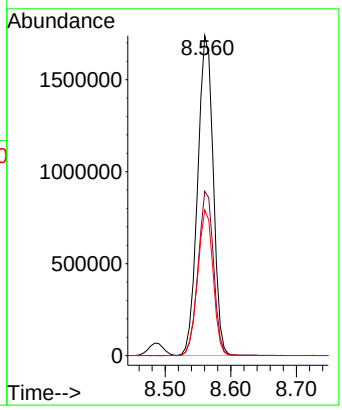


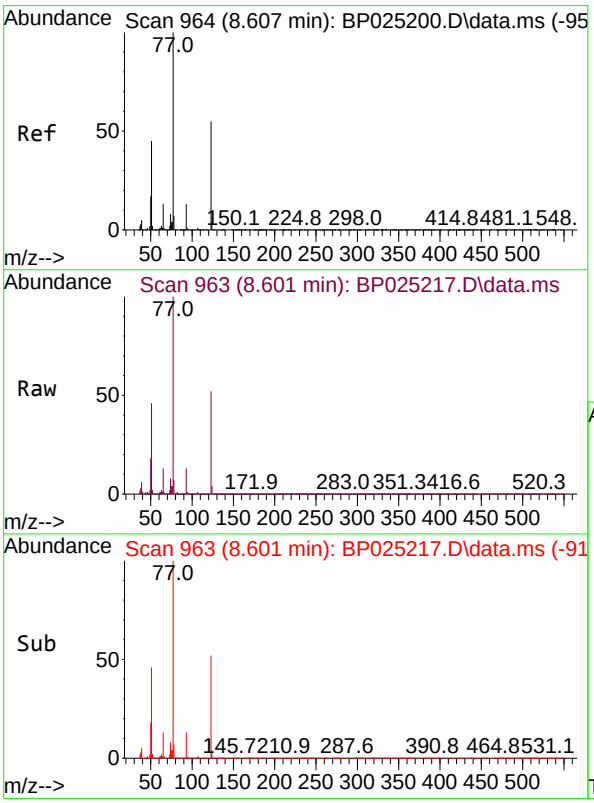

#23
Nitrobenzene-d5
Concen: 81.250 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2850806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.3 | 40.2 | 60.4 |
| 54 | 45.5 | 36.3 | 54.5 |

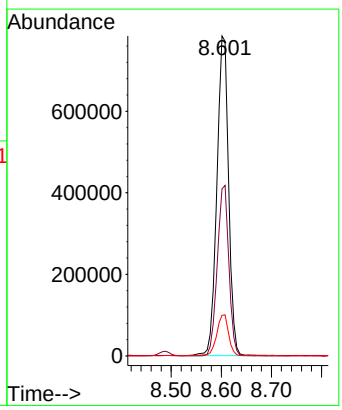


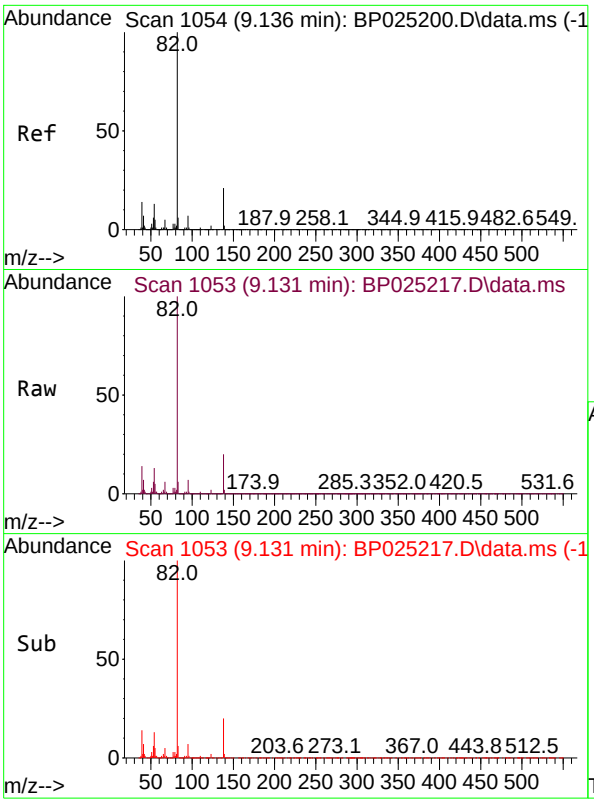




#24
Nitrobenzene
Concen: 40.551 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 77 Resp: 1268326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.2 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |



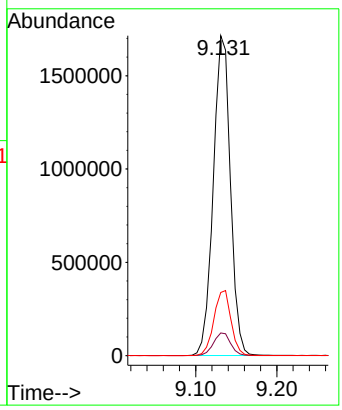


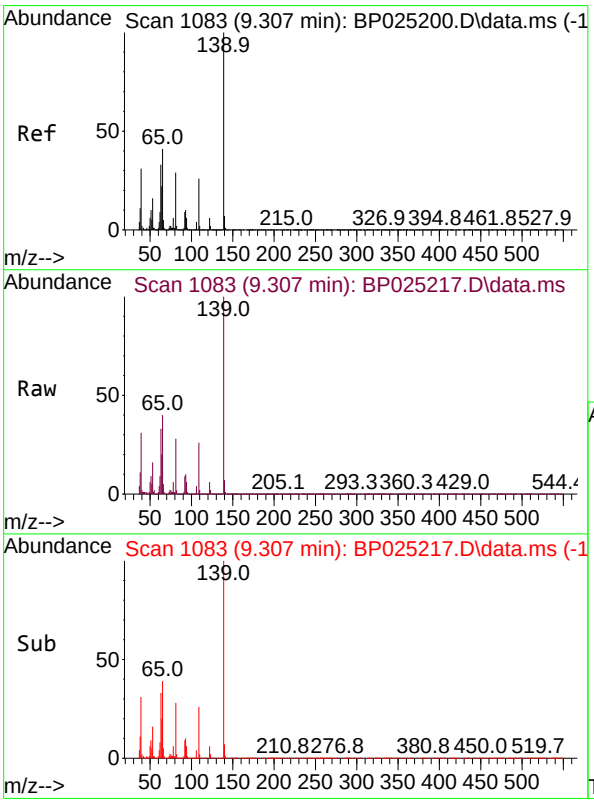

#25
Isophorone
Concen: 40.697 ng
RT: 9.131 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2511042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 19.7 | 16.6 | 25.0 |

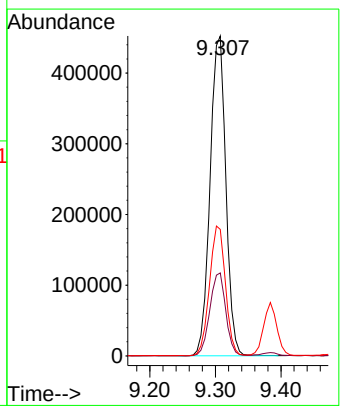


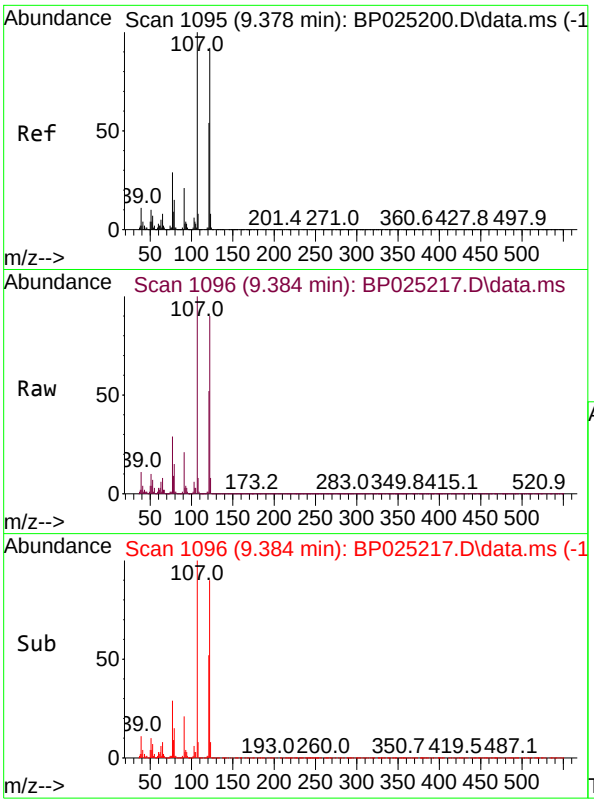




#26
2-Nitrophenol
Concen: 42.134 ng
RT: 9.307 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:139 Resp: 756773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 39.5 | 32.7 | 49.1 |



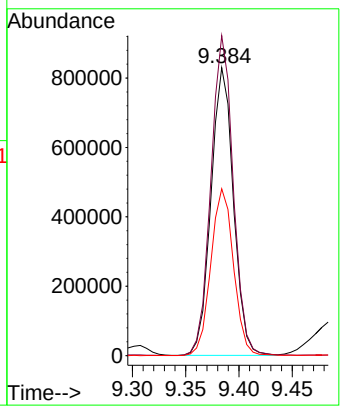


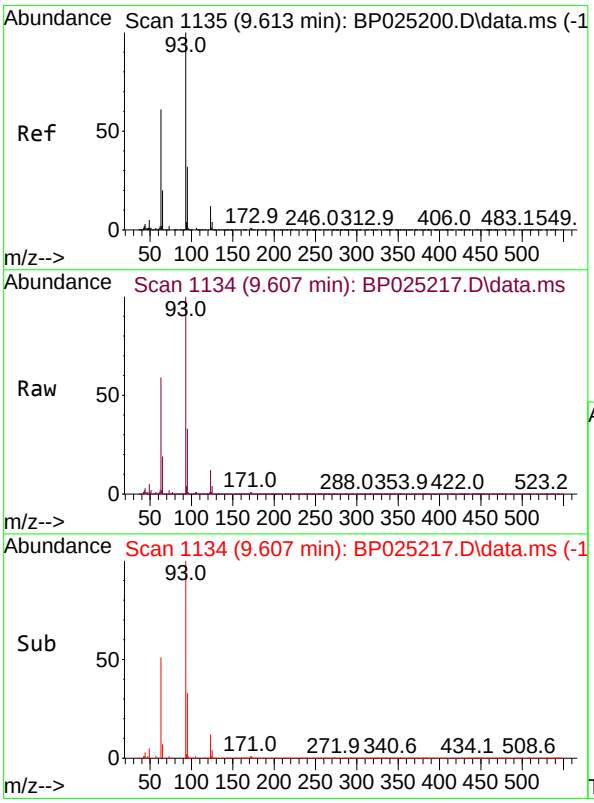

#27
2,4-Dimethylphenol
Concen: 40.594 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 1220037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.2 | 87.0 | 130.4 |
| 121 | 58.0 | 46.7 | 70.1 |

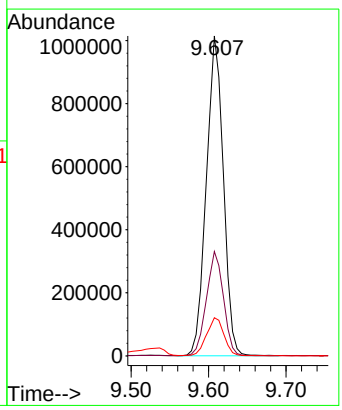


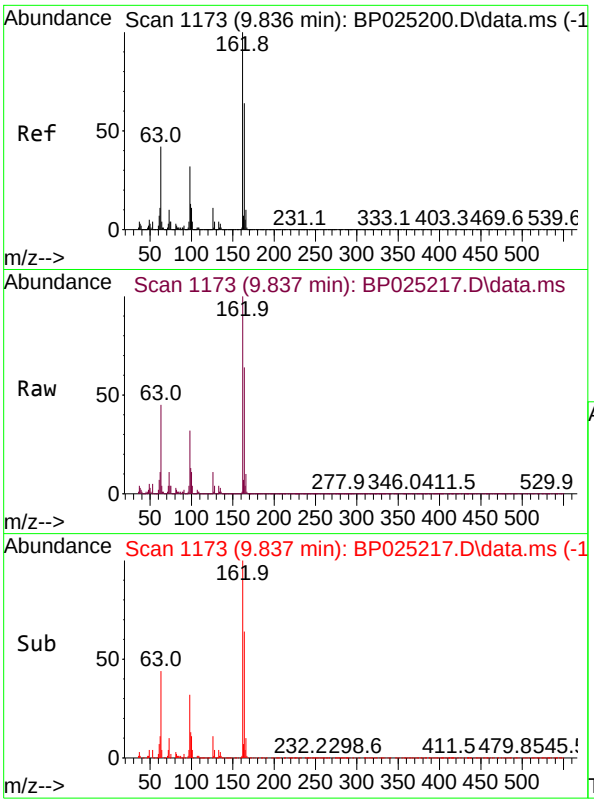




#28
bis(2-Chloroethoxy)methane
Concen: 40.143 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 93 Resp: 1549265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.0 | 39.0 |
| 123 | 11.9 | 9.8 | 14.6 |



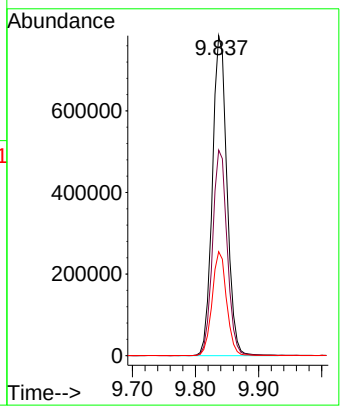


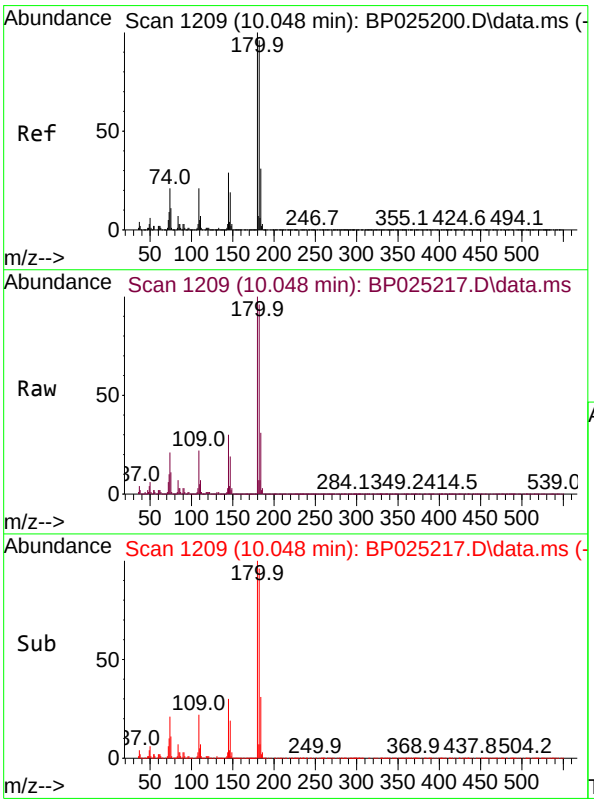

#29
2,4-Dichlorophenol
Concen: 40.789 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 1259414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

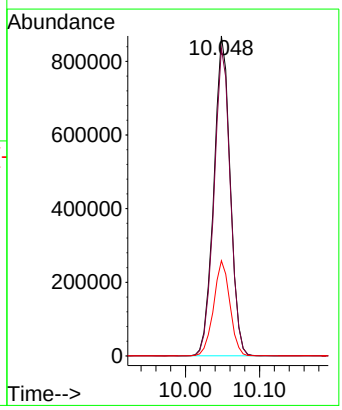


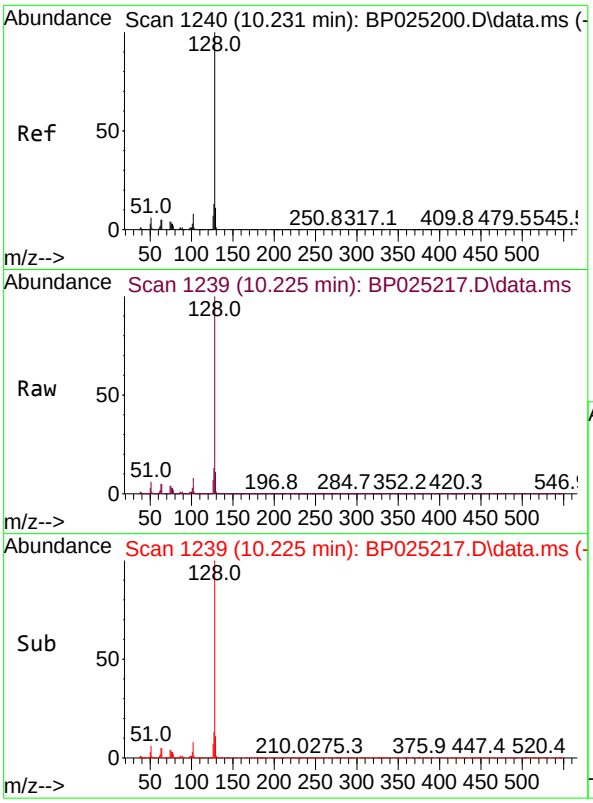




#30
1,2,4-Trichlorobenzene
Concen: 39.591 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:180 Resp: 1335187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 76.7 | 115.1 |
| 145 | 29.7 | 23.5 | 35.3 |



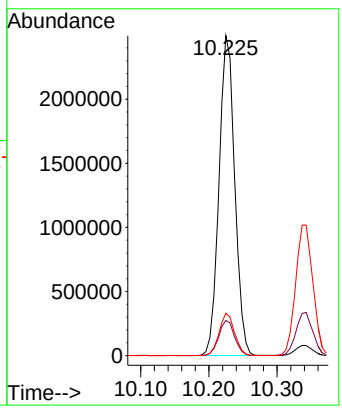


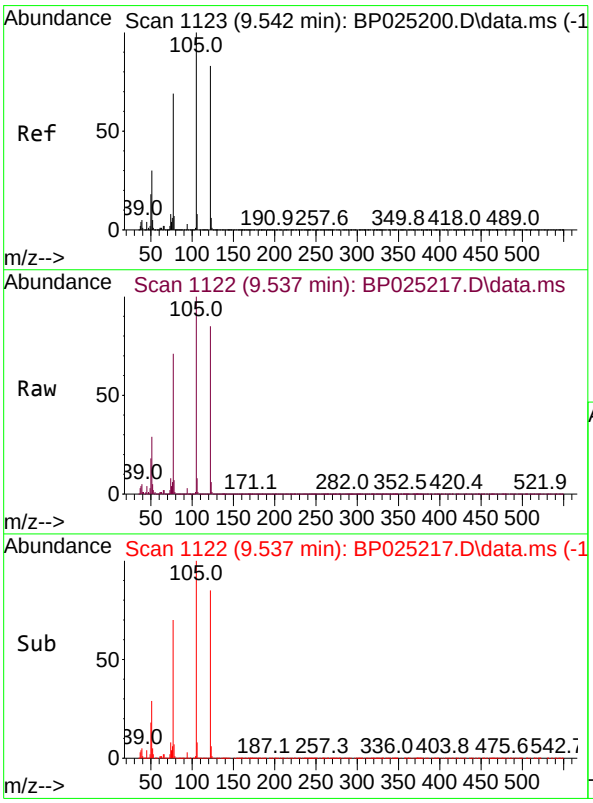

#31
Naphthalene
Concen: 39.855 ng
RT: 10.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 3976670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 13.2 | 10.4 | 15.6 |

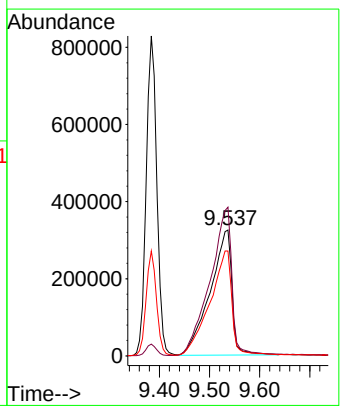


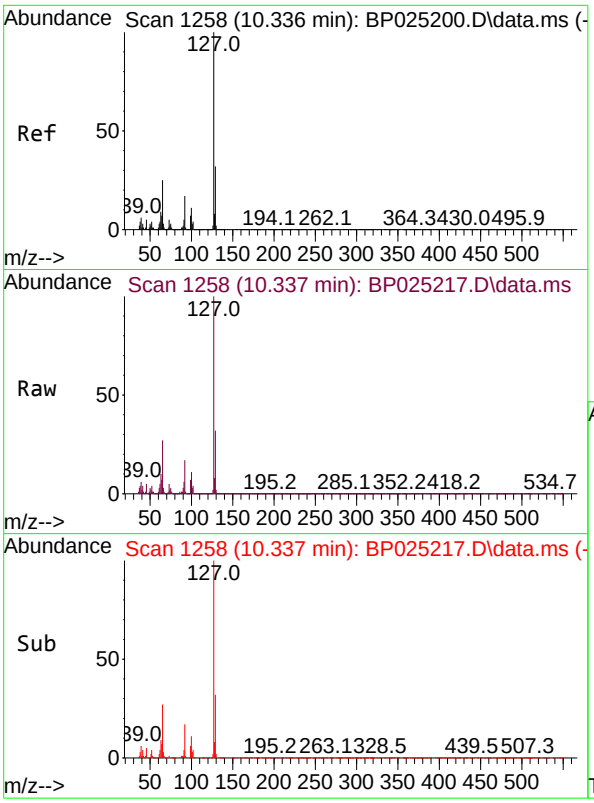




#32
Benzoic acid
Concen: 42.757 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:122 Resp: 981015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.3 | 98.1 | 138.1 |
| 77 | 83.5 | 62.7 | 102.7 |



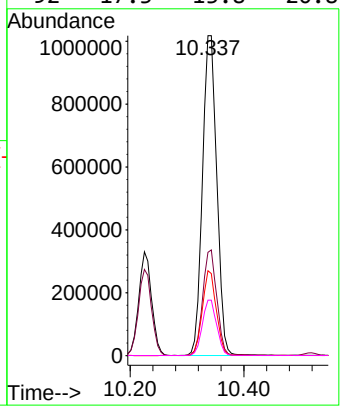


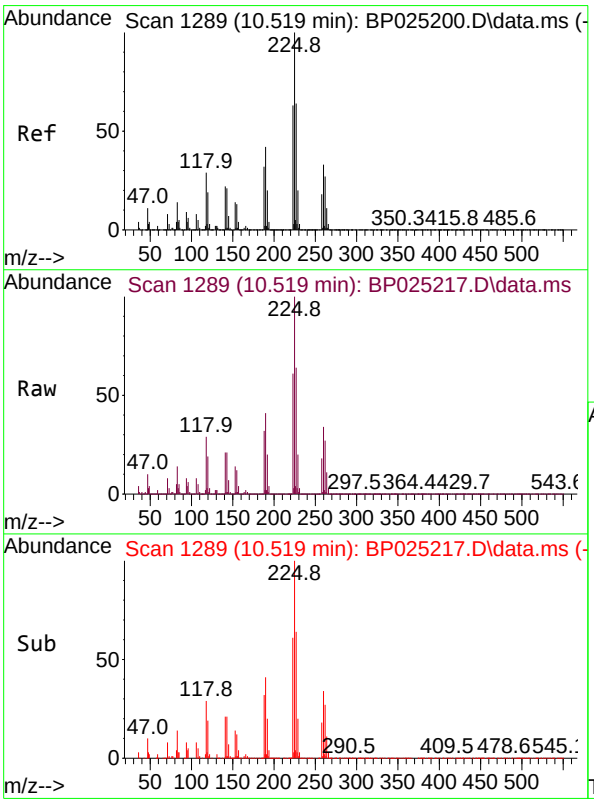

#33
4-Chloroaniline
Concen: 40.770 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 1788185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.9 | 38.9 |
| 65 | 26.5 | 20.2 | 30.4 |
| 92 | 17.3 | 13.8 | 20.8 |

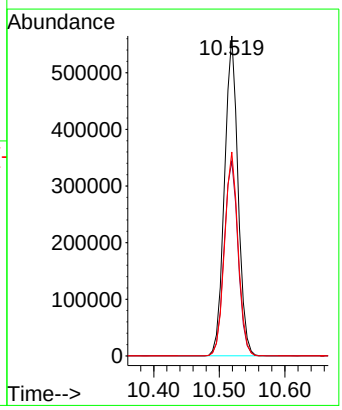


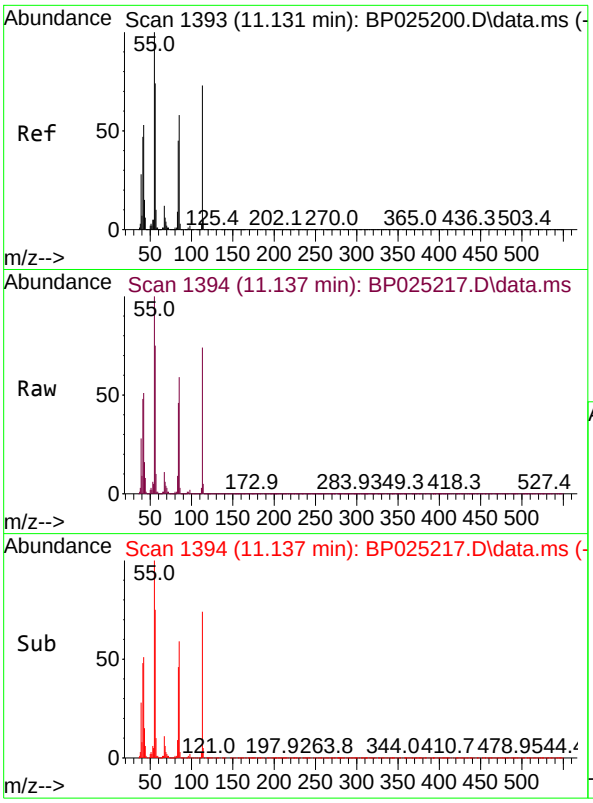




#34
Hexachlorobutadiene
Concen: 39.867 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:225 Resp: 809228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.9 | 50.1 | 75.1 |
| 227 | 63.7 | 51.4 | 77.0 |



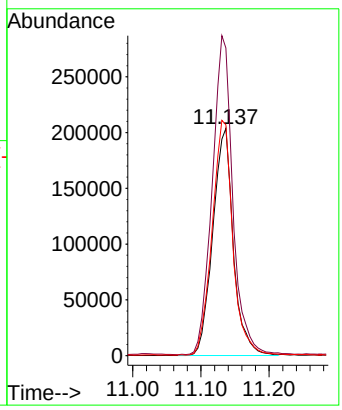


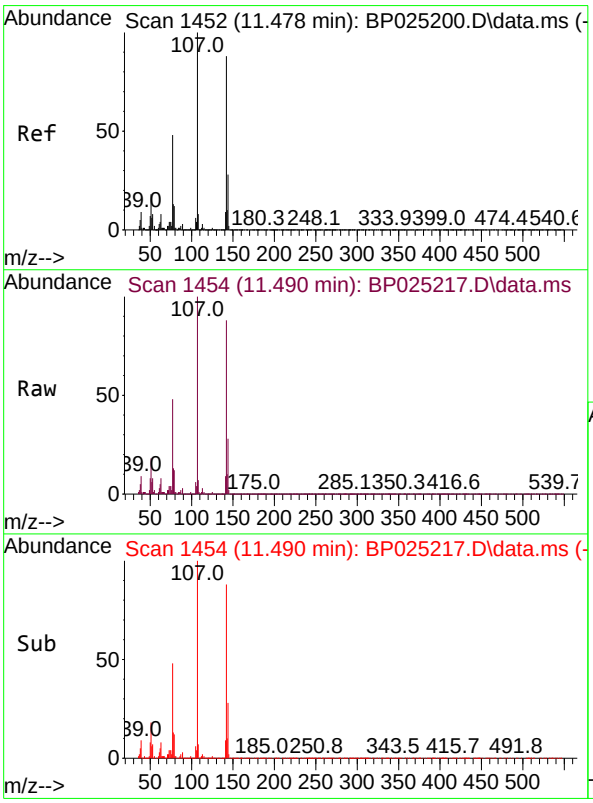

#35
Caprolactam
Concen: 41.409 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 424342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 135.4 | 117.6 | 157.6 |
| 56 | 101.6 | 82.4 | 122.4 |

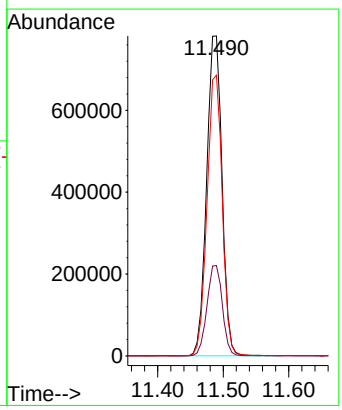


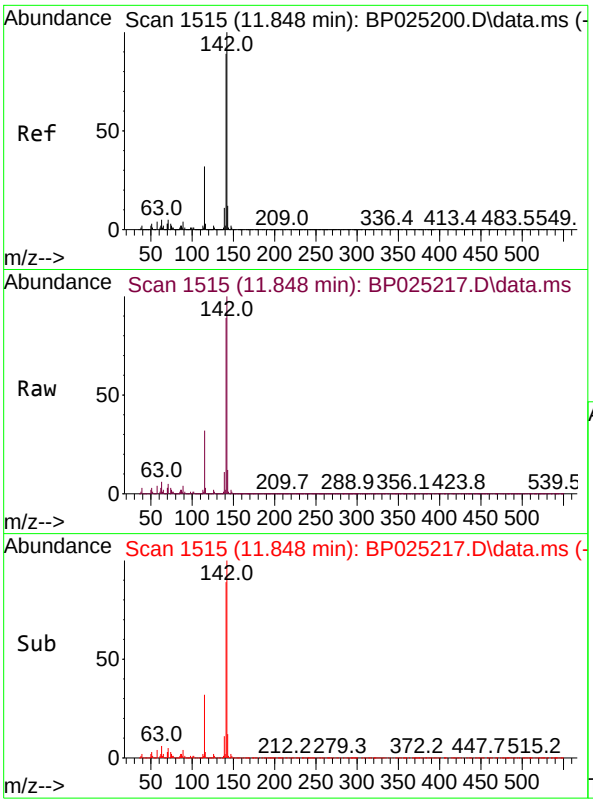




#36
4-Chloro-3-methylphenol
Concen: 41.129 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:107 Resp: 1269467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.2 | 22.5 | 33.7 |
| 142 | 87.7 | 70.6 | 105.8 |



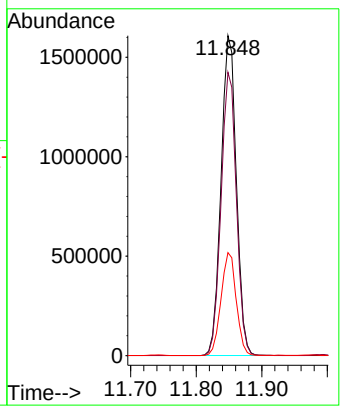


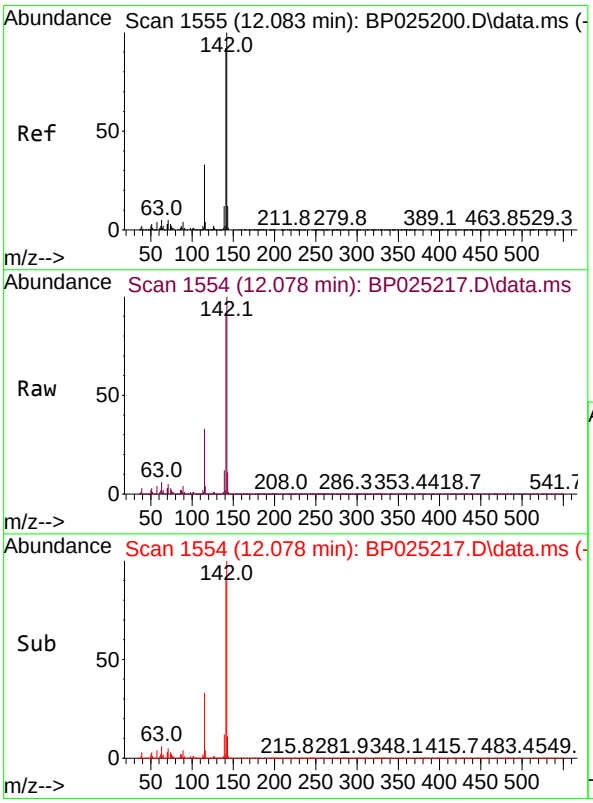

#37
2-Methylnaphthalene
Concen: 40.308 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 2611585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 71.2 | 106.8 |
| 115 | 32.2 | 25.3 | 37.9 |

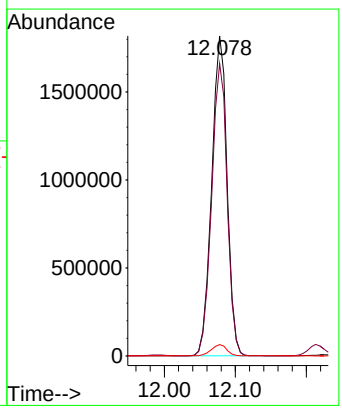


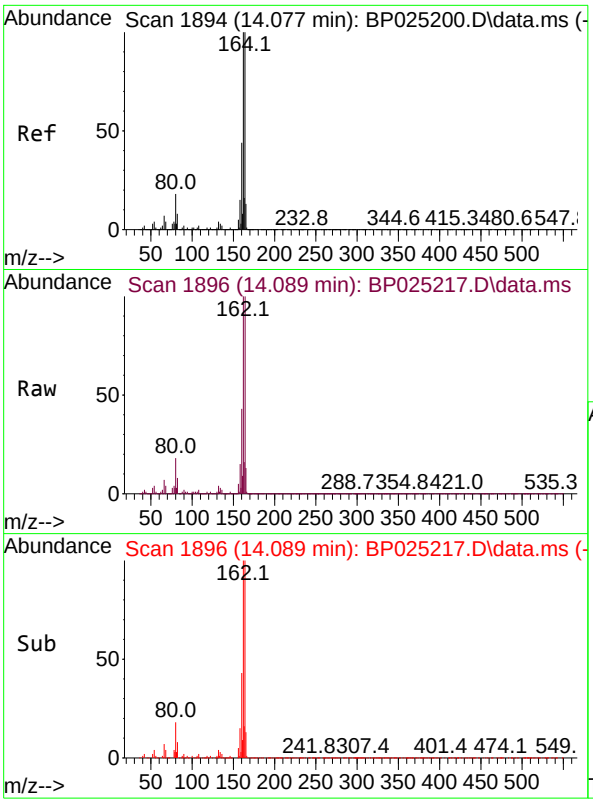




#38
1-Methylnaphthalene
Concen: 40.228 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:142 Resp: 2737847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



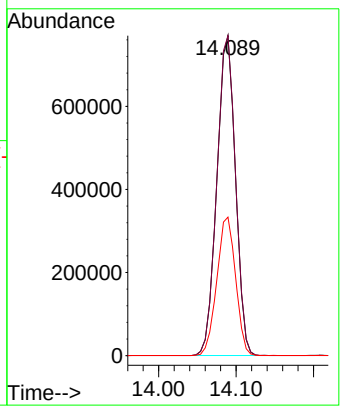


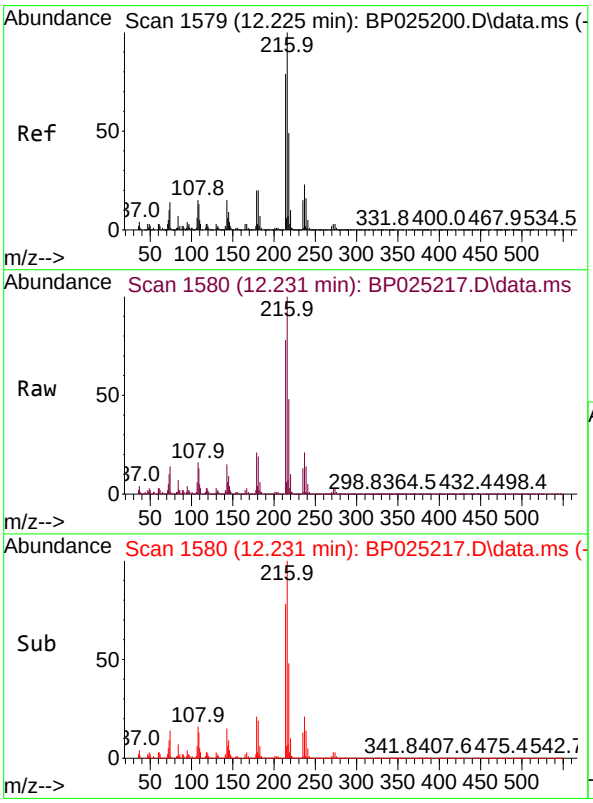

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:164 Resp: 1283190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.3 | 120.5 |
| 160 | 43.3 | 35.7 | 53.5 |

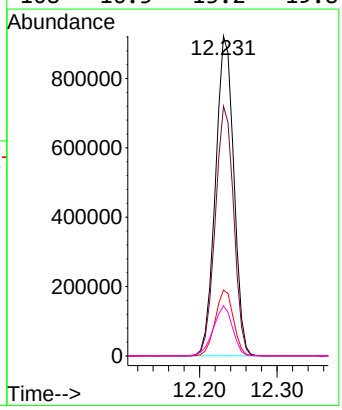


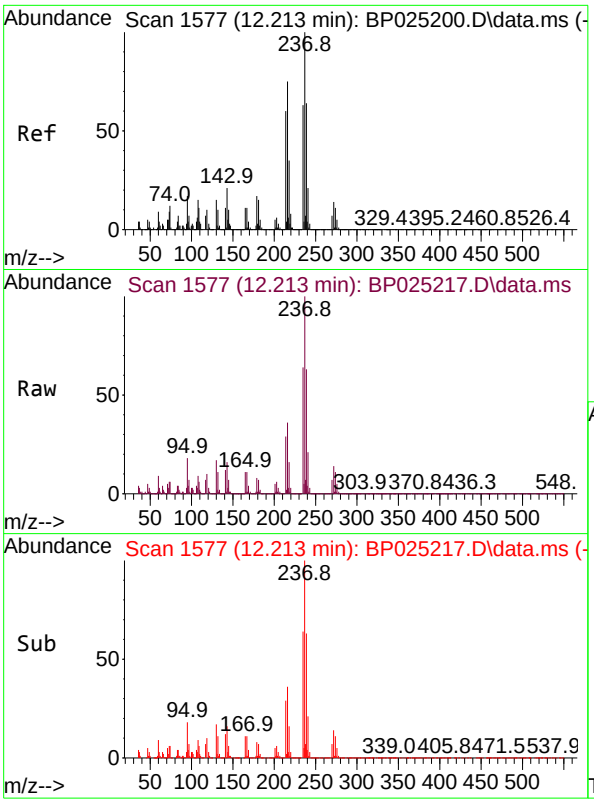




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.457 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:216 Resp: 1517651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.7 | 94.1 |
| 179 | 20.4 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |



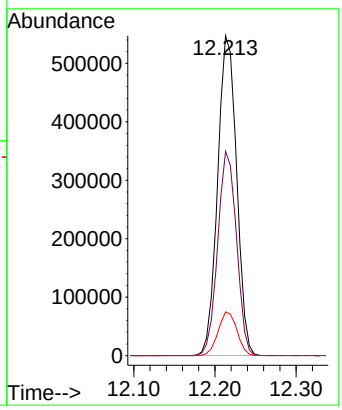


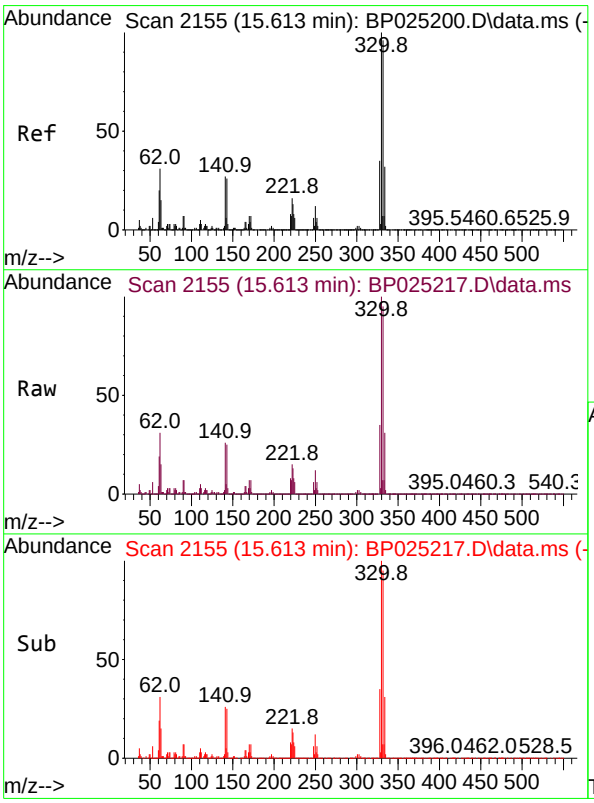

#41
Hexachlorocyclopentadiene
Concen: 38.668 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:237 Resp: 887835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 42.7 | 82.7 |
| 272 | 13.7 | 0.0 | 33.6 |

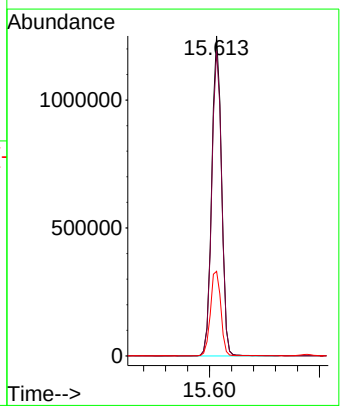


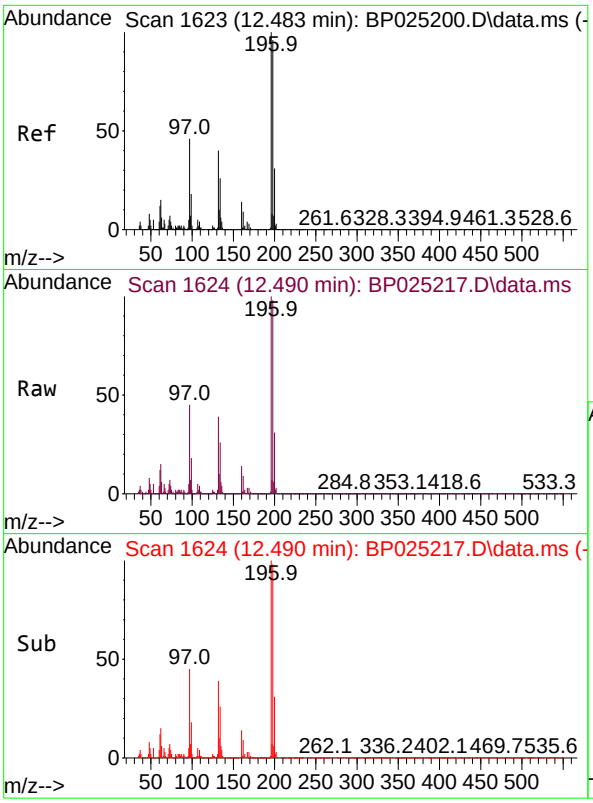




#42
2,4,6-Tribromophenol
Concen: 81.460 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:330 Resp: 1540989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 28.2 | 22.4 | 33.6 |



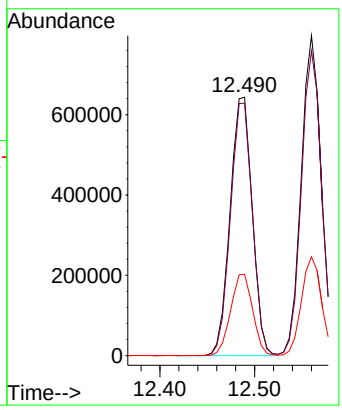


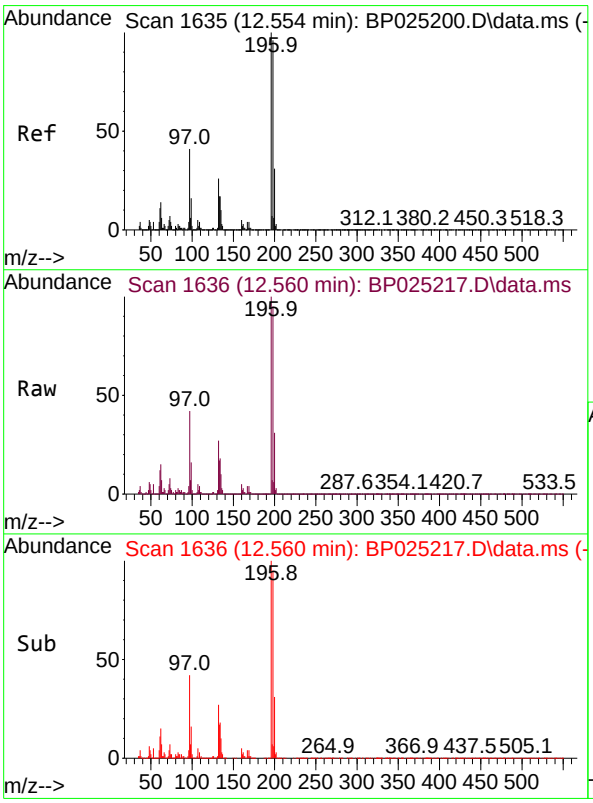

#43
2,4,6-Trichlorophenol
Concen: 39.950 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 1049931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 76.6 | 114.8 |
| 200 | 31.5 | 24.7 | 37.1 |

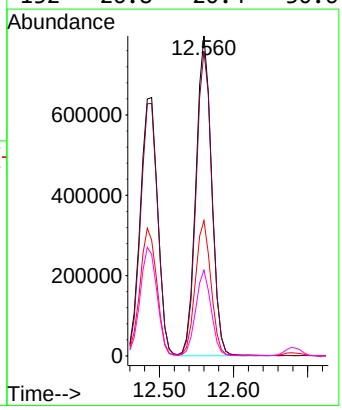


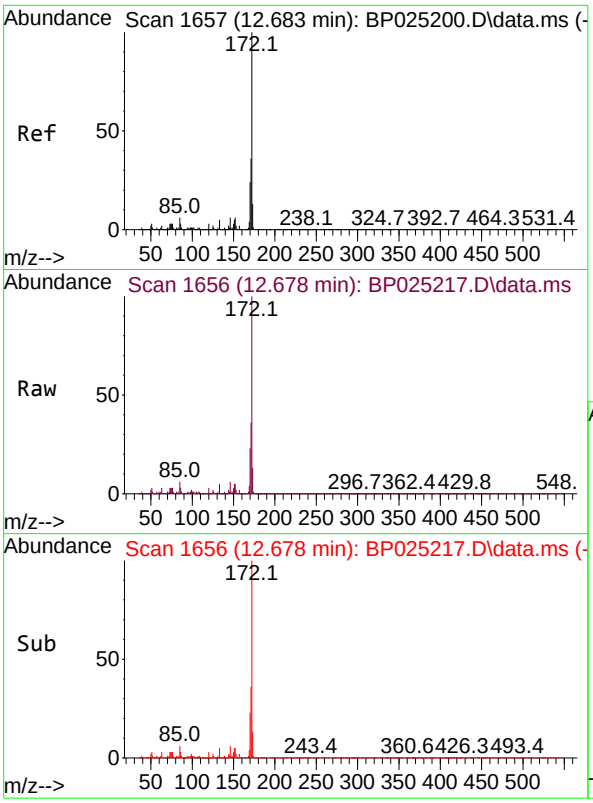




#44
2,4,5-Trichlorophenol
Concen: 40.430 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:196 Resp: 1169262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.7 | 115.1 |
| 97 | 42.3 | 33.0 | 49.4 |
| 132 | 26.8 | 20.4 | 30.6 |



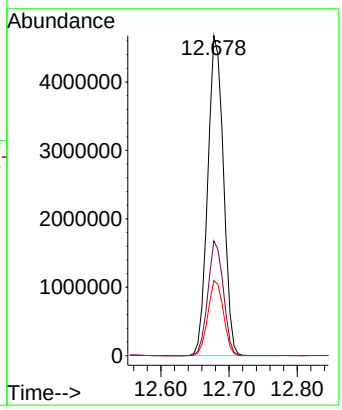


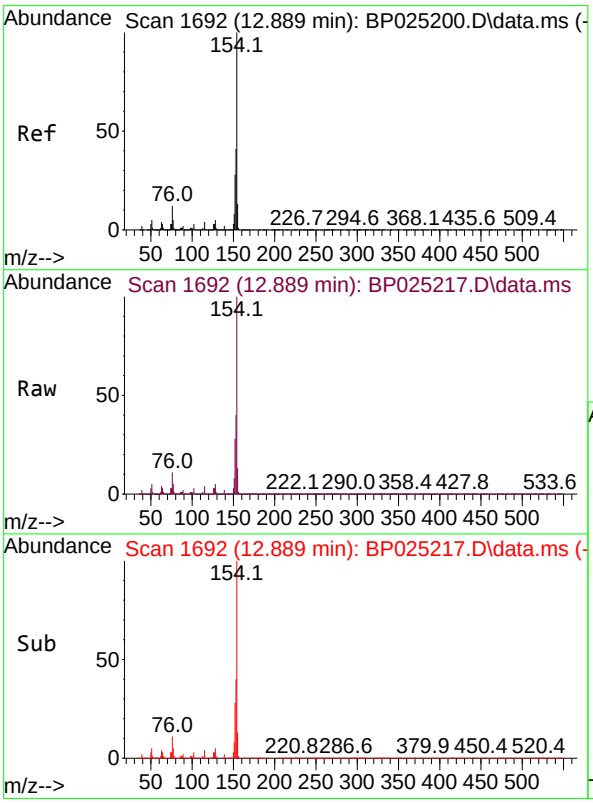

#45
2-Fluorobiphenyl
Concen: 82.022 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:172 Resp: 7465526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.8 | 43.2 |
| 170 | 23.5 | 19.2 | 28.8 |

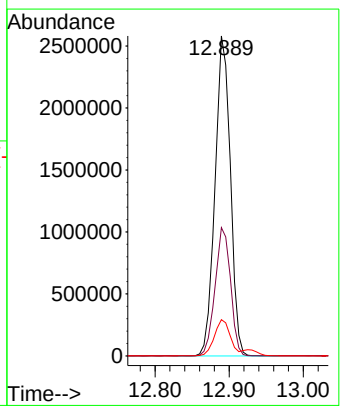


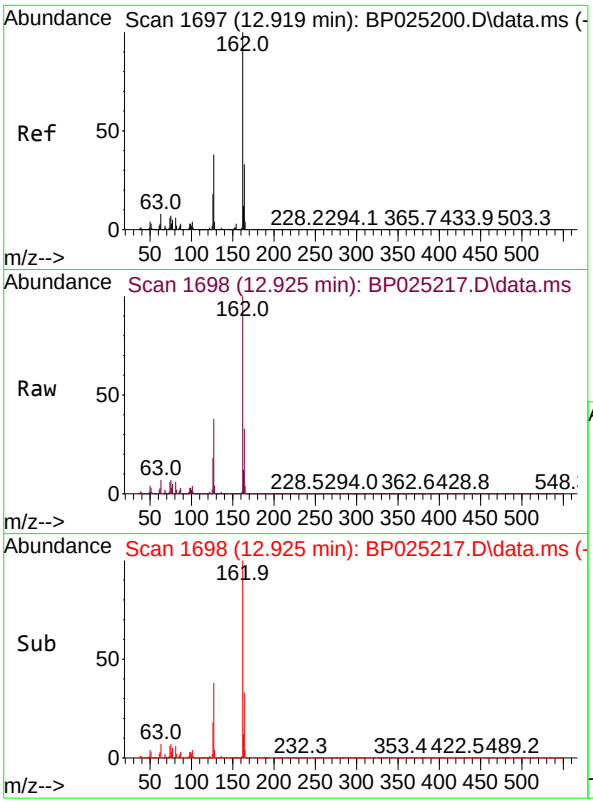




#46
1,1'-Biphenyl
Concen: 39.821 ng
RT: 12.889 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:154 Resp: 3704215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.8 | 60.8 |
| 76 | 11.3 | 0.0 | 31.6 |



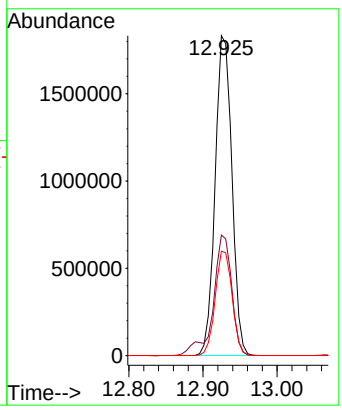


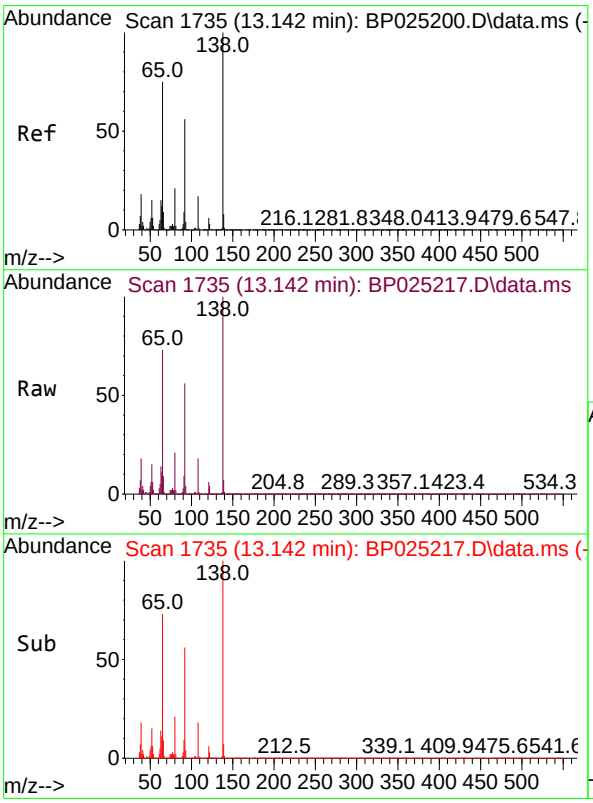

#47
2-Chloronaphthalene
Concen: 39.634 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 2878391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.7 | 30.1 | 45.1 |
| 164 | 32.6 | 26.5 | 39.7 |

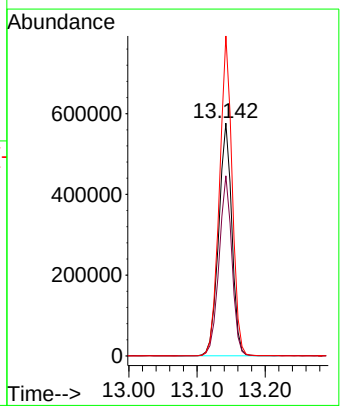


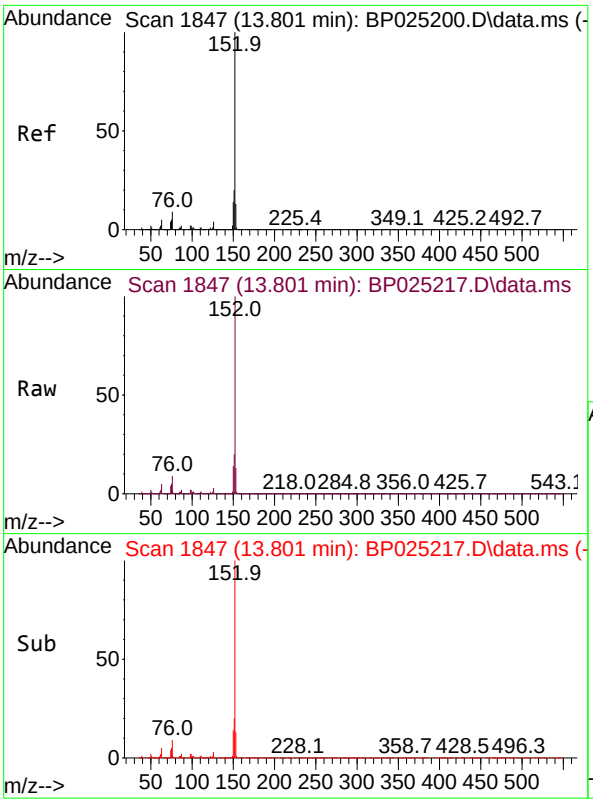




#48
2-Nitroaniline
Concen: 41.364 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion: 65 Resp: 767149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.4 | 59.9 | 89.9 |
| 138 | 137.5 | 107.1 | 160.7 |



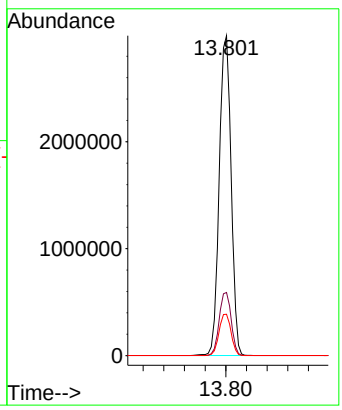


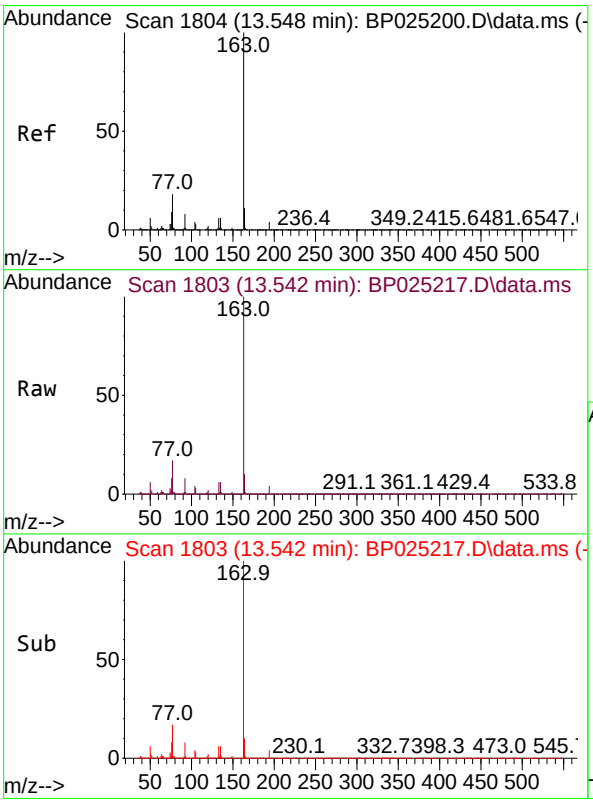

#49
Acenaphthylene
Concen: 40.585 ng
RT: 13.801 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 4767242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.2 | 24.2 |
| 153 | 12.9 | 10.6 | 15.8 |

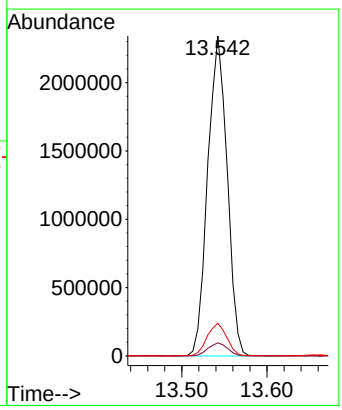


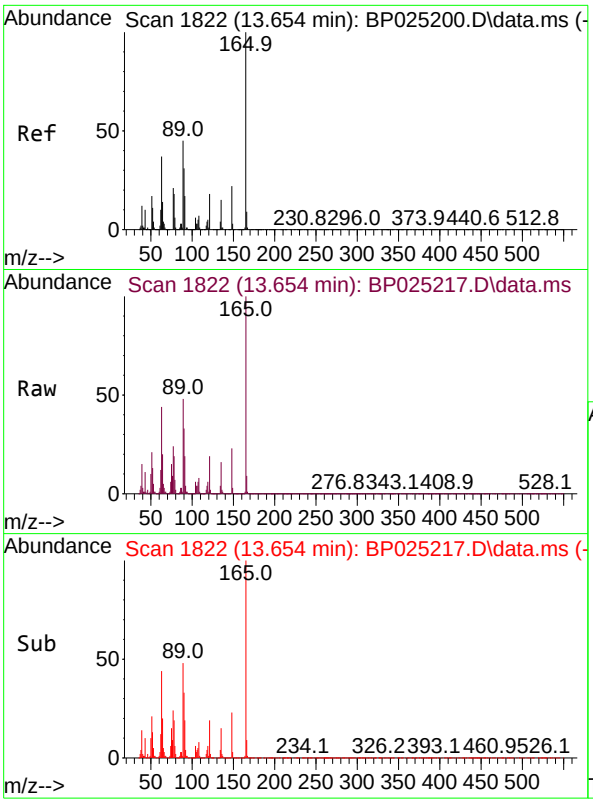




#50
Dimethylphthalate
Concen: 40.335 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:163 Resp: 3701569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |



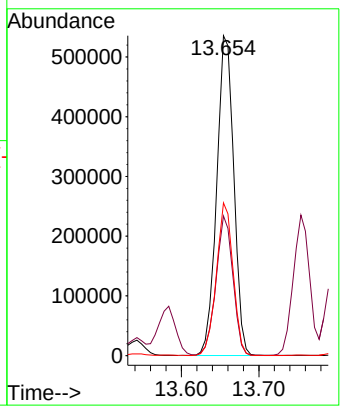


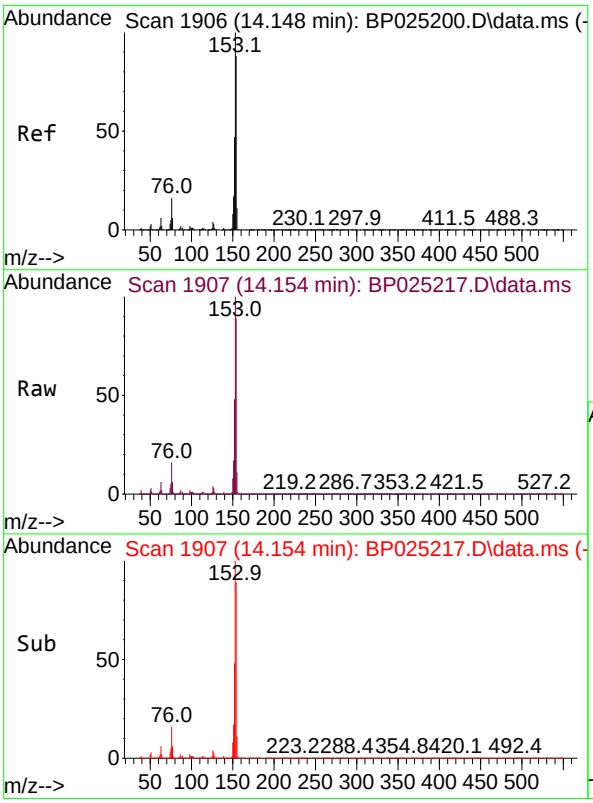

#51
2,6-Dinitrotoluene
Concen: 41.167 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 820876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.6 | 33.4 | 50.2 |
| 89 | 47.7 | 36.3 | 54.5 |

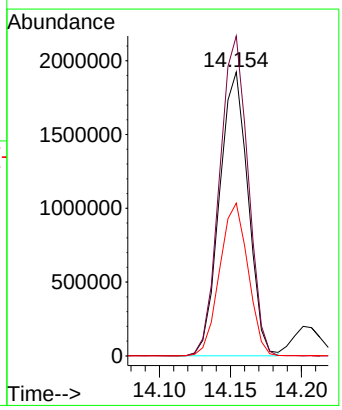


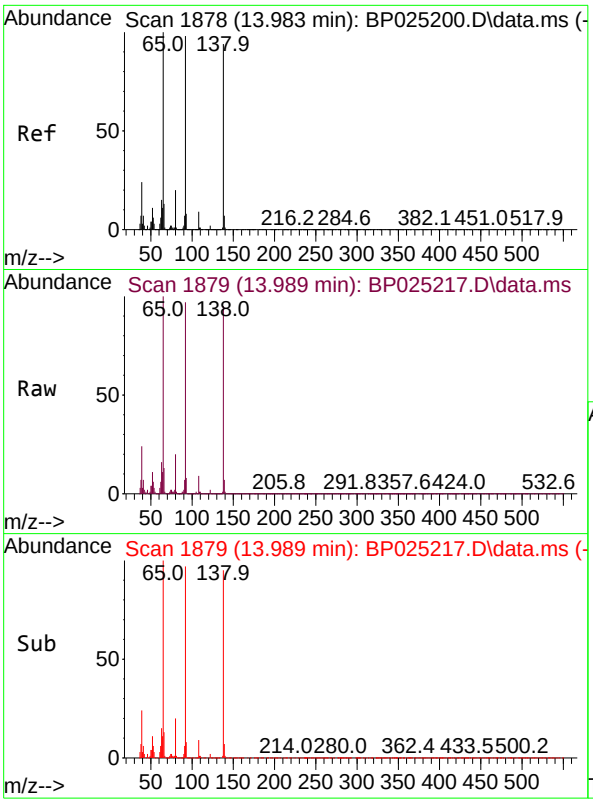




#52
Acenaphthene
Concen: 39.628 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:154 Resp: 2691736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.7 | 136.1 |
| 152 | 53.8 | 42.9 | 64.3 |



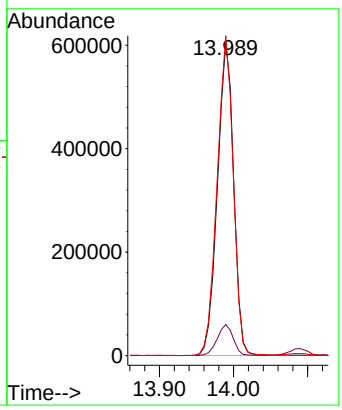


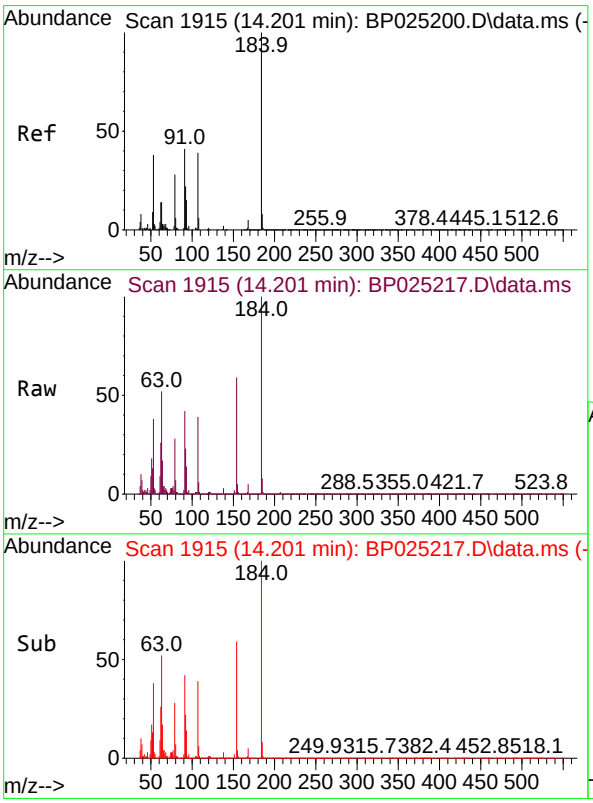

#53
3-Nitroaniline
Concen: 40.886 ng
RT: 13.989 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 919365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 7.5 | 11.3 |
| 92 | 102.0 | 83.2 | 124.8 |

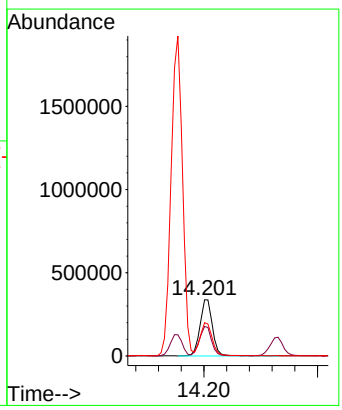


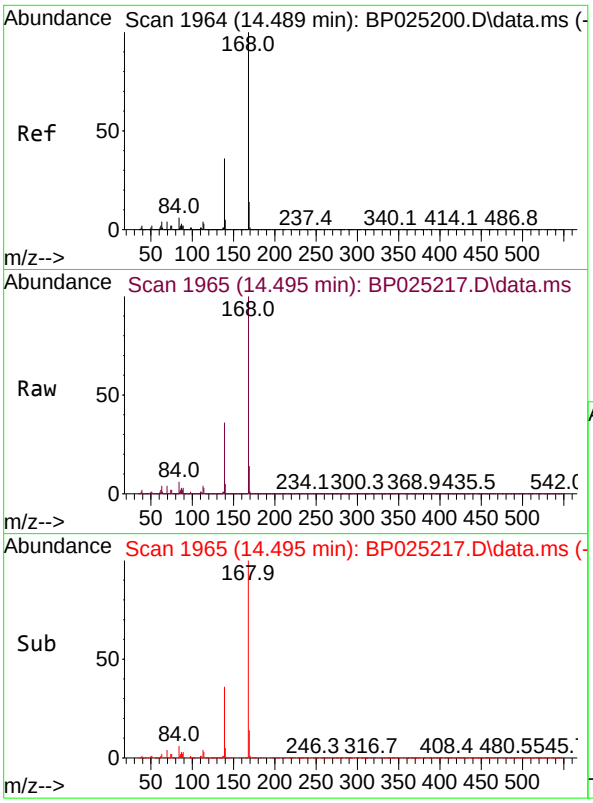




#54
2,4-Dinitrophenol
Concen: 43.041 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:184 Resp: 508500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 52.2 | 41.8 | 62.8 |
| 154 | 59.3 | 45.7 | 68.5 |



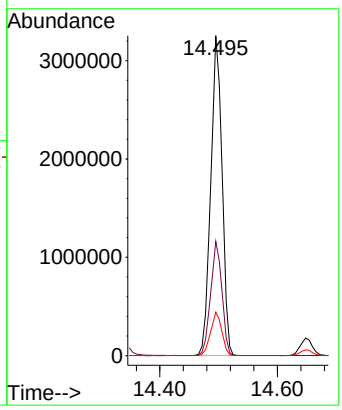


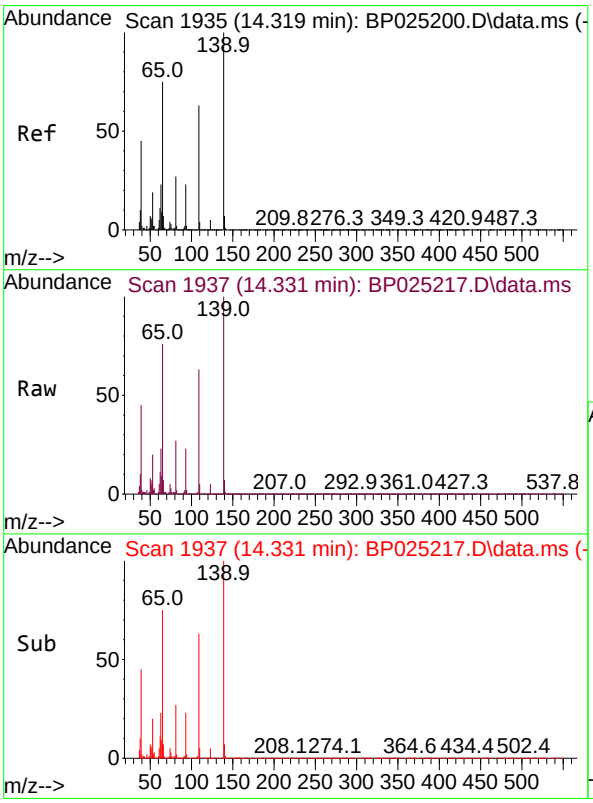

#55
Dibenzofuran
Concen: 39.654 ng
RT: 14.495 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:168 Resp: 4350726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.7 | 28.7 | 43.1 |
| 169 | 13.6 | 10.9 | 16.3 |

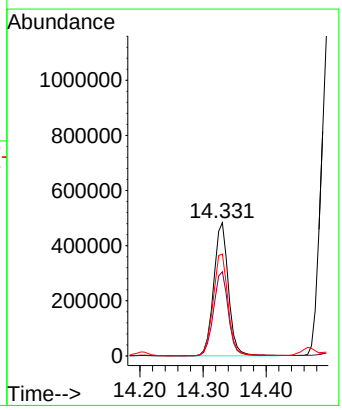


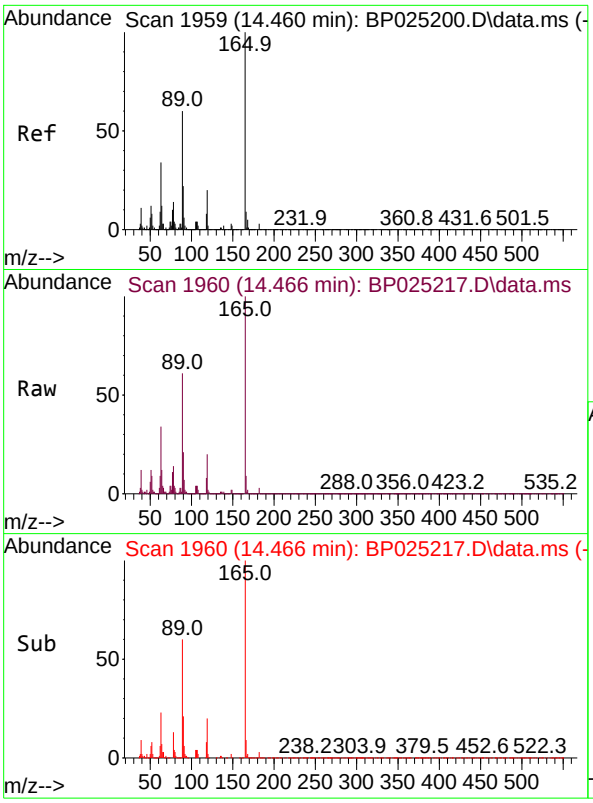




#56
4-Nitrophenol
Concen: 40.570 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:139 Resp: 780640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.1 | 42.6 | 82.6 |
| 65 | 76.5 | 55.4 | 95.4 |



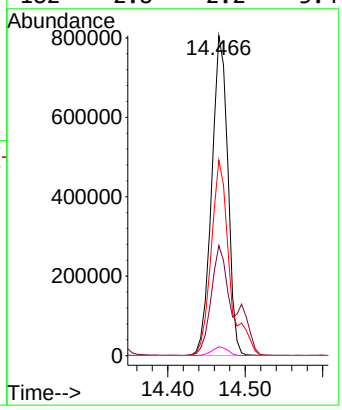


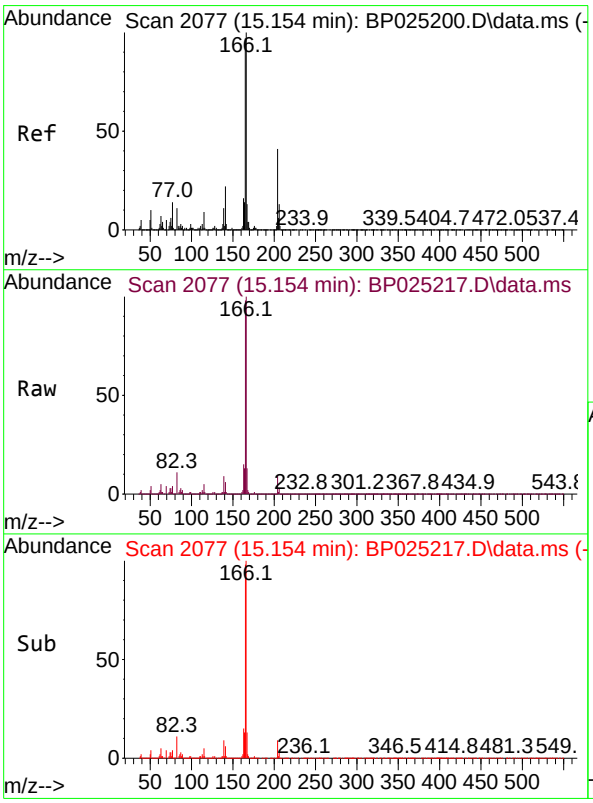

#57
2,4-Dinitrotoluene
Concen: 41.787 ng
RT: 14.466 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 1166349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.4 | 27.0 | 40.4 |
| 89 | 61.1 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

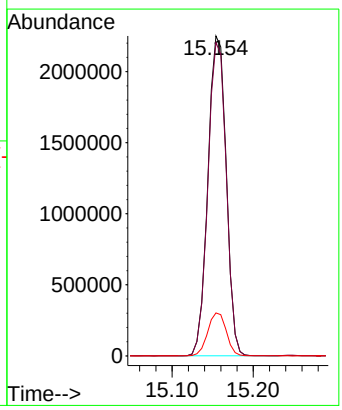


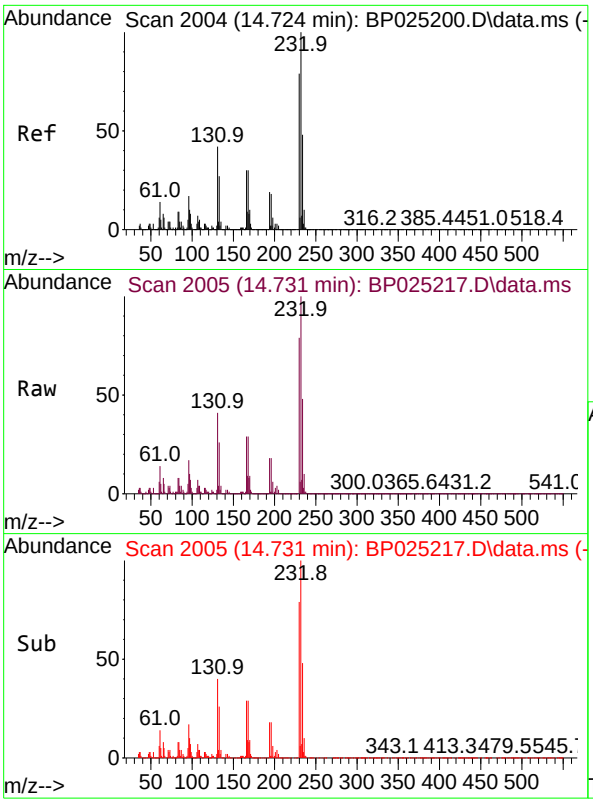




#58
Fluorene
Concen: 40.566 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:166 Resp: 3533493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 78.0 | 117.0 |
| 167 | 13.4 | 10.7 | 16.1 |



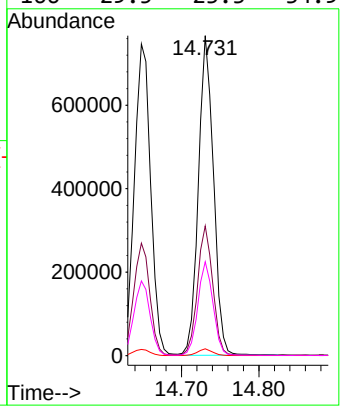


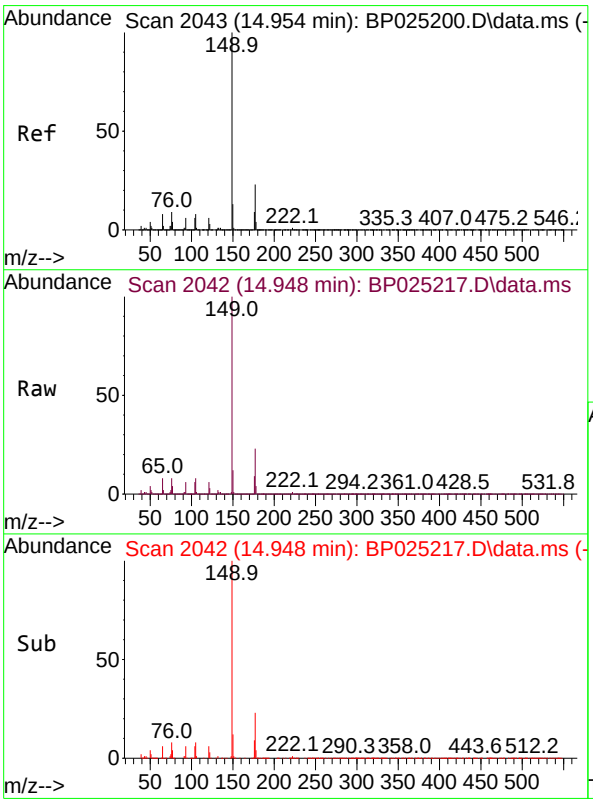

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.480 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:232 Resp: 1036076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.7 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.5 | 23.3 | 34.9 |

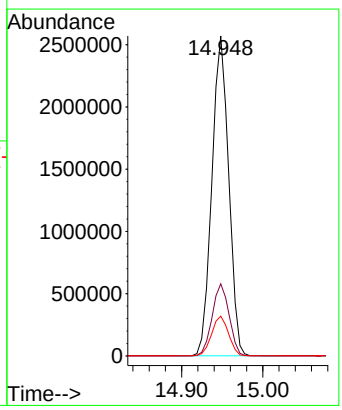


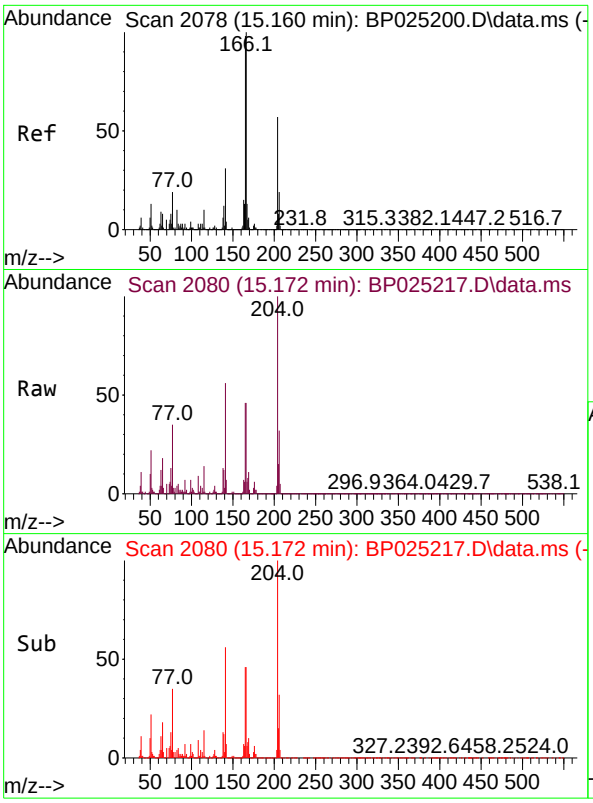




#60
Diethylphthalate
Concen: 40.800 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 3690362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 18.4 | 27.6 |
| 150 | 12.4 | 10.0 | 15.0 |



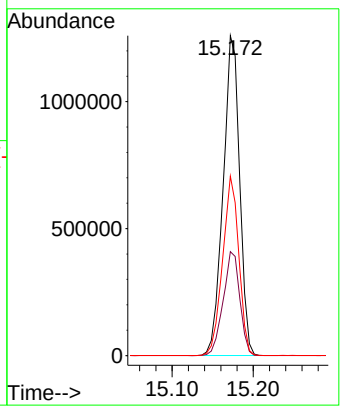


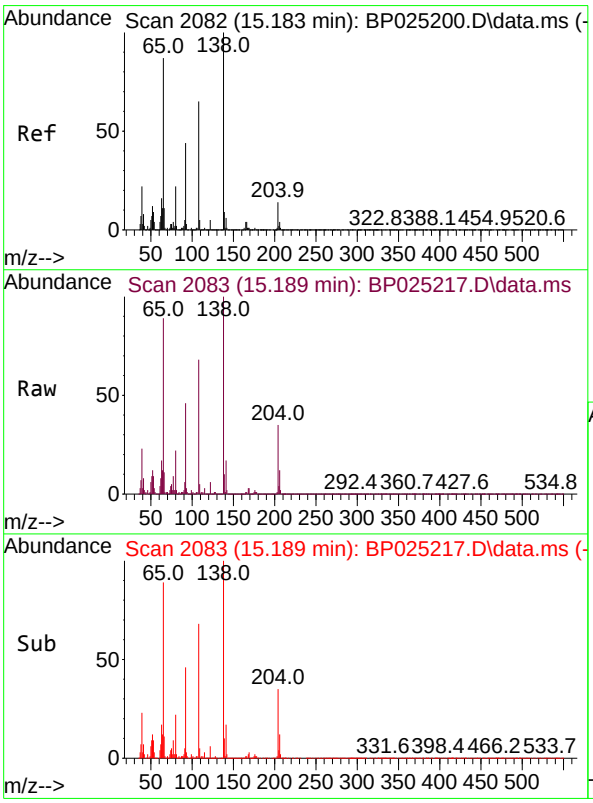

#61
4-Chlorophenyl-phenylether
Concen: 40.306 ng
RT: 15.172 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 1774043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.3 | 39.5 |
| 141 | 56.1 | 43.0 | 64.6 |

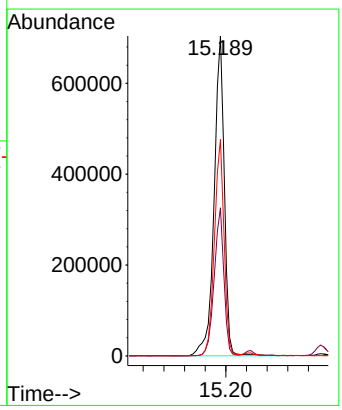


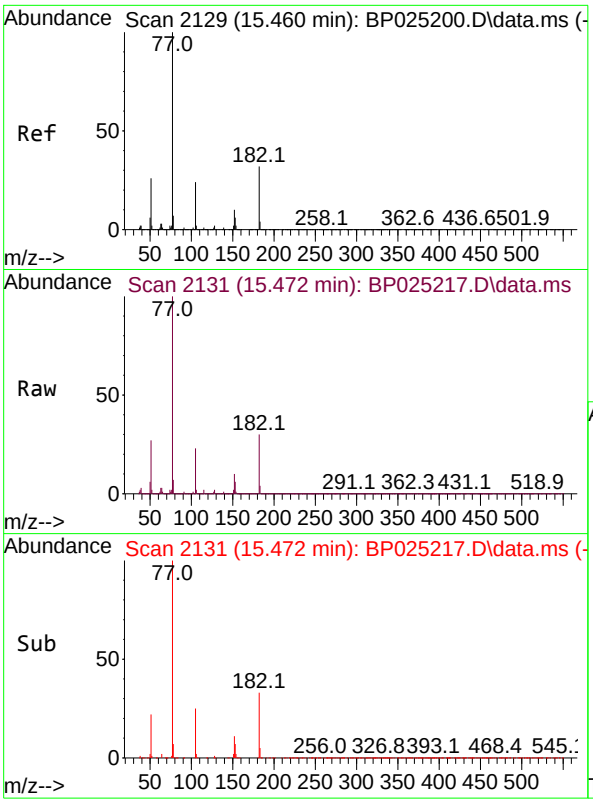




#62
4-Nitroaniline
Concen: 42.282 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:138 Resp: 966919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.3 | 24.0 | 64.0 |
| 108 | 67.6 | 44.9 | 84.9 |



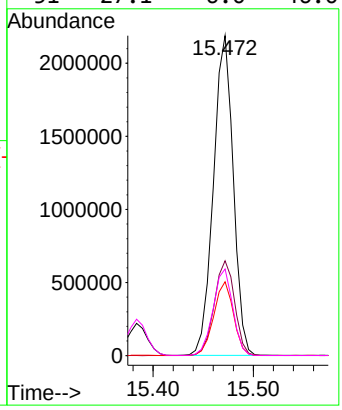


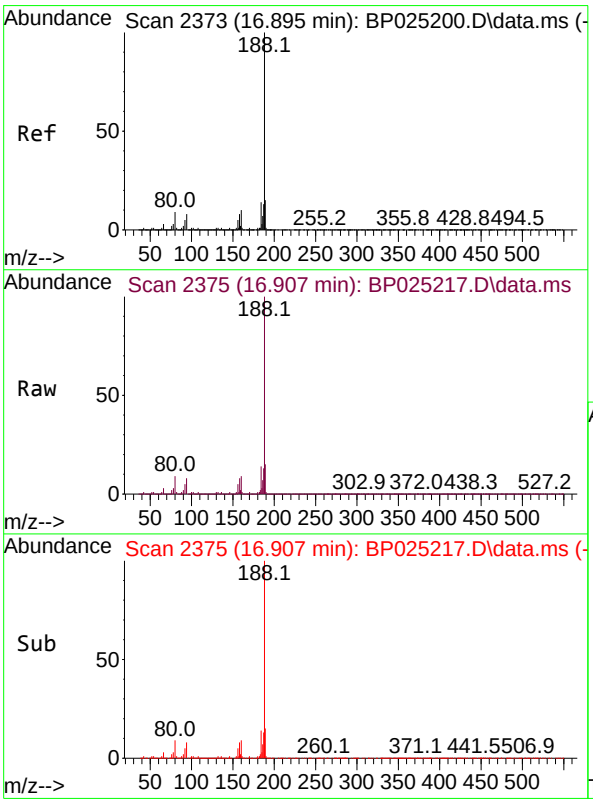

#63
Azobenzene
Concen: 40.879 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 3013069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.6 | 12.0 | 52.0 |
| 105 | 23.1 | 3.6 | 43.6 |
| 51 | 27.1 | 6.0 | 46.0 |

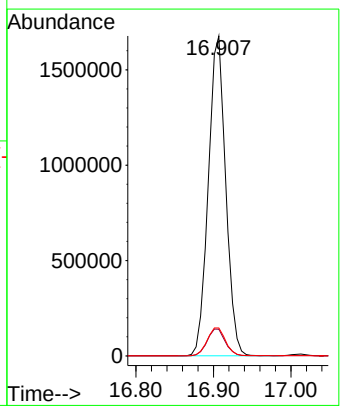


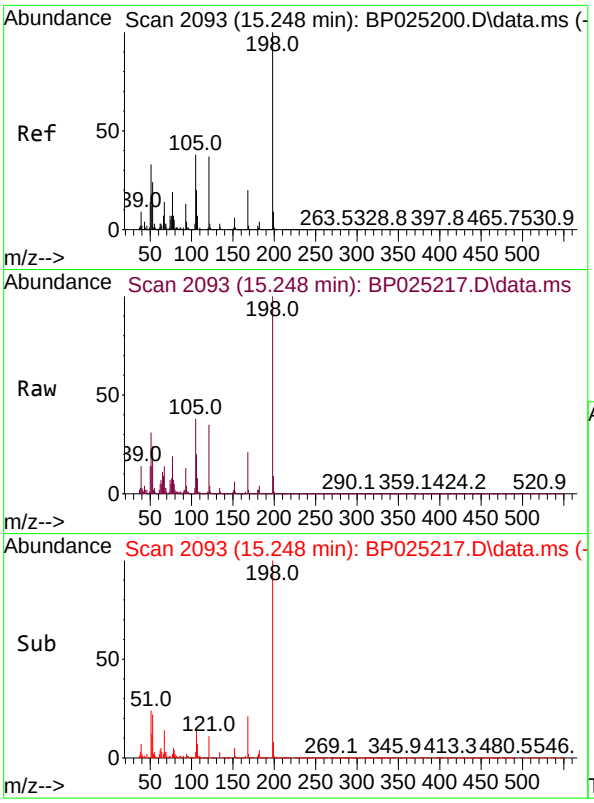




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:188 Resp: 2609516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |



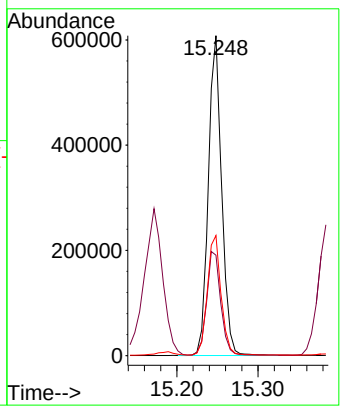


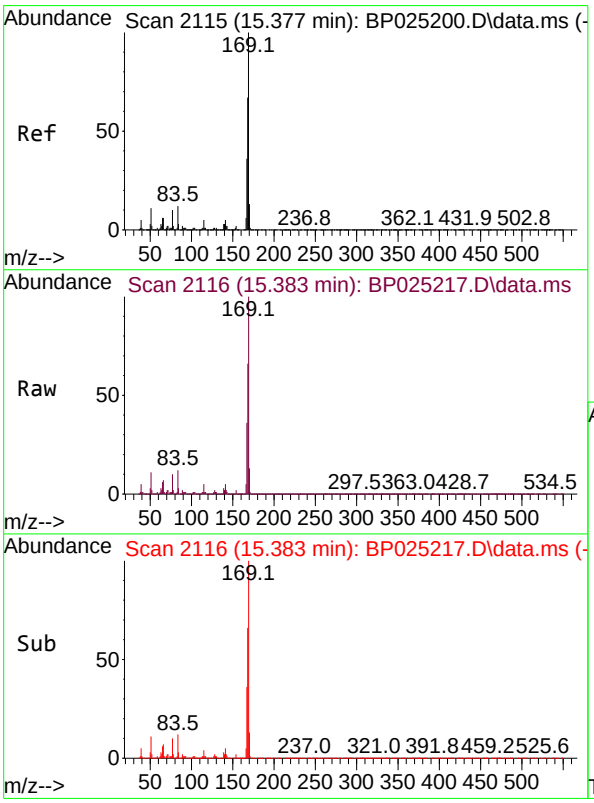

#65
4,6-Dinitro-2-methylphenol
Concen: 41.173 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 693387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 31.4 | 14.6 | 54.6 |
| 105 | 37.5 | 18.3 | 58.3 |

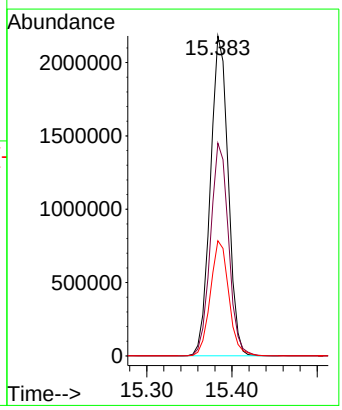


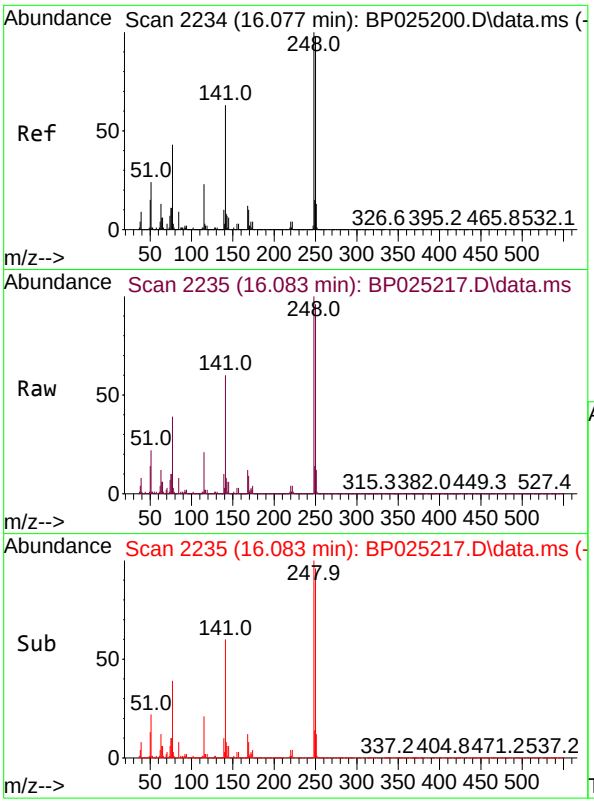




#66
n-Nitrosodiphenylamine
Concen: 39.898 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:169 Resp: 3160118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.7 | 80.5 |
| 167 | 36.0 | 29.0 | 43.6 |



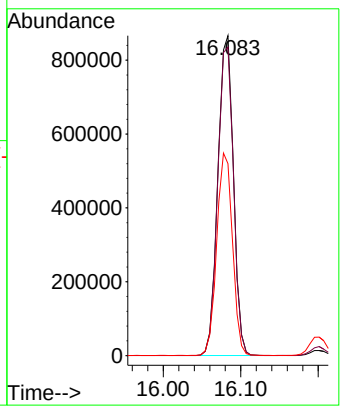


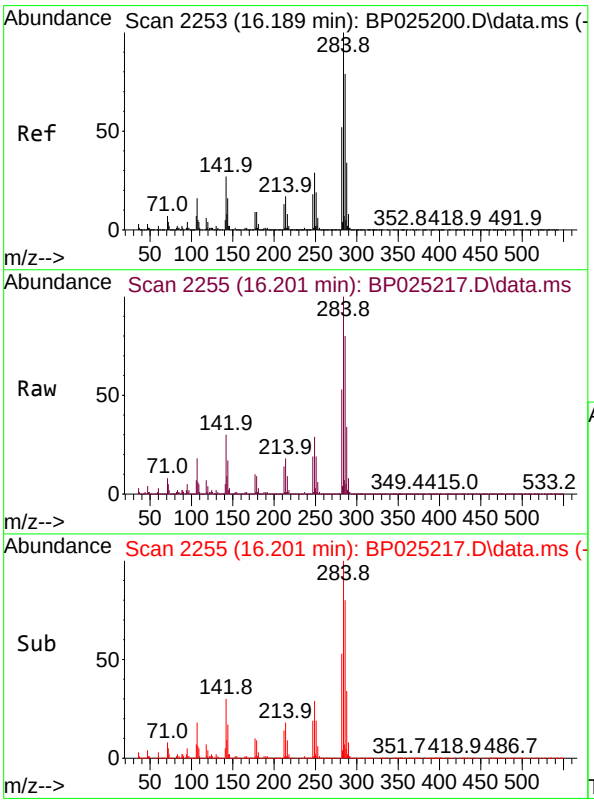

#67
4-Bromophenyl-phenylether
Concen: 39.669 ng
RT: 16.083 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:248 Resp: 1208101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.4 | 78.5 | 117.7 |
| 141 | 60.0 | 50.5 | 75.7 |

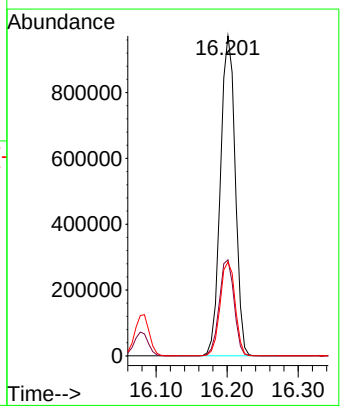


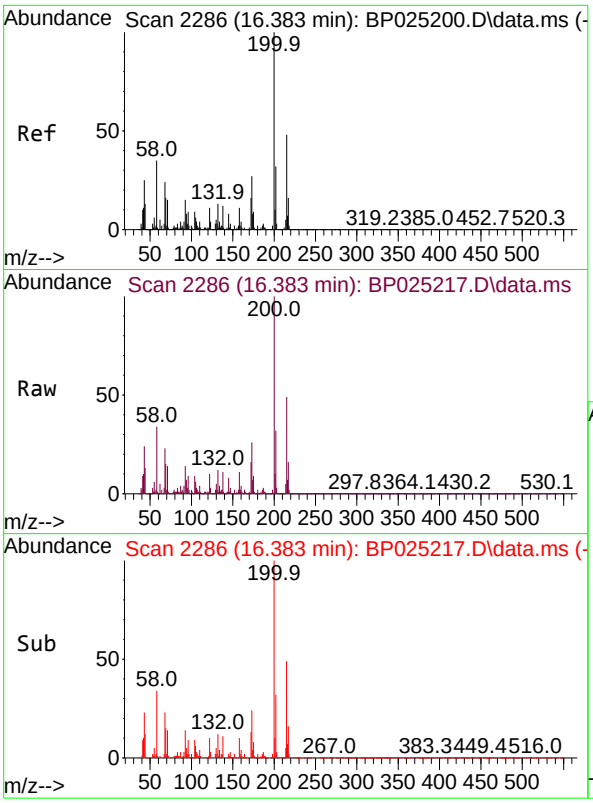




#68
Hexachlorobenzene
Concen: 39.045 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:284 Resp: 1412145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.0 | 21.5 | 32.3 |
| 249 | 29.3 | 23.4 | 35.0 |



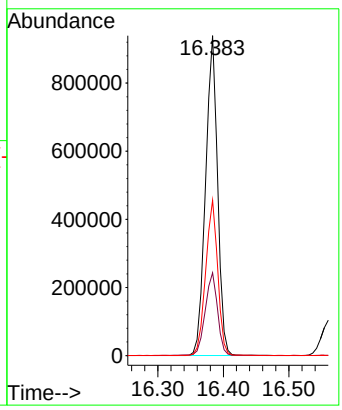


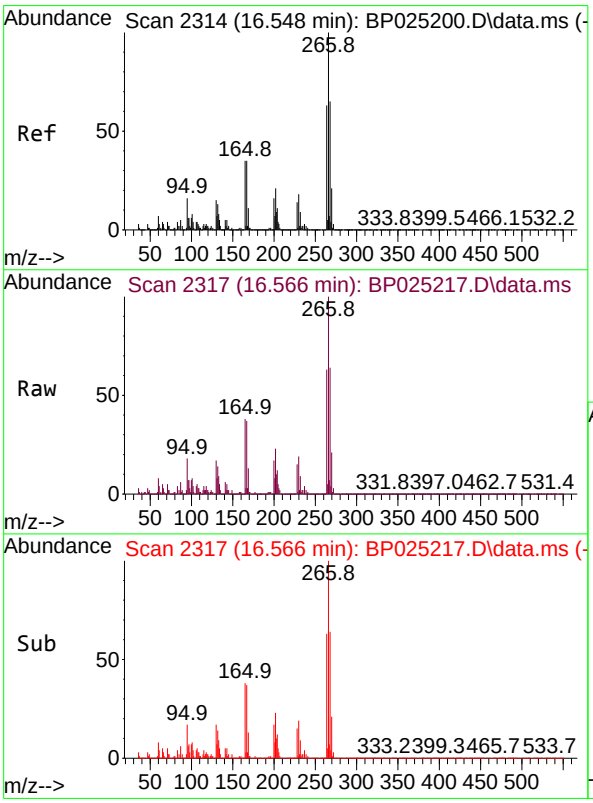

#69
Atrazine
Concen: 40.589 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:200 Resp: 1189643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.9 | 7.4 | 47.4 |
| 215 | 48.6 | 28.5 | 68.5 |

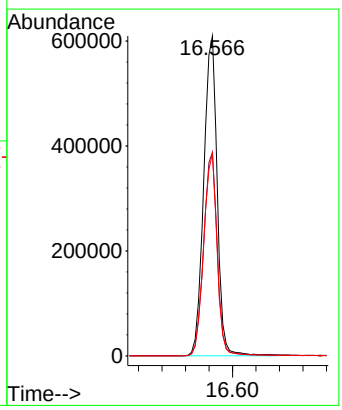


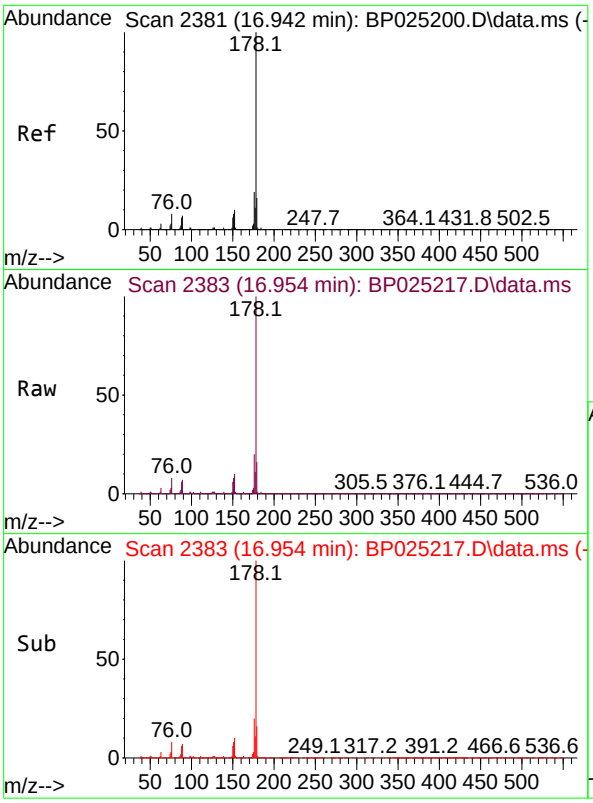




#70
Pentachlorophenol
Concen: 39.511 ng
RT: 16.566 min Scan# 2317
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:266 Resp: 971735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.8 | 77.6 |
| 264 | 63.3 | 50.3 | 75.5 |



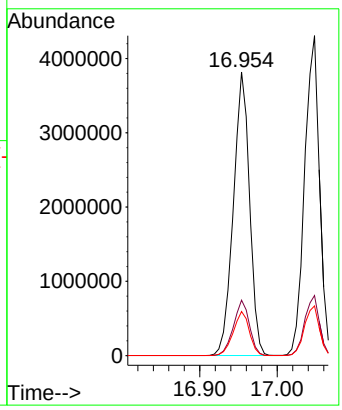


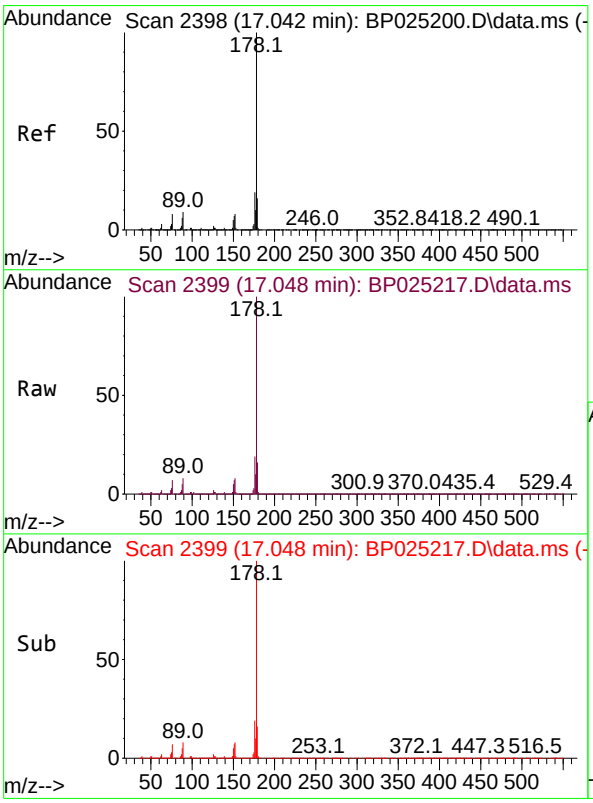

#71
Phenanthrene
Concen: 39.459 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 5553593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.6 | 23.4 |
| 179 | 15.6 | 12.5 | 18.7 |

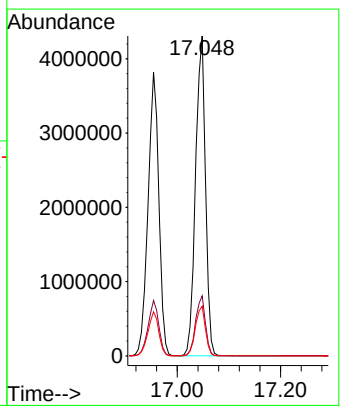


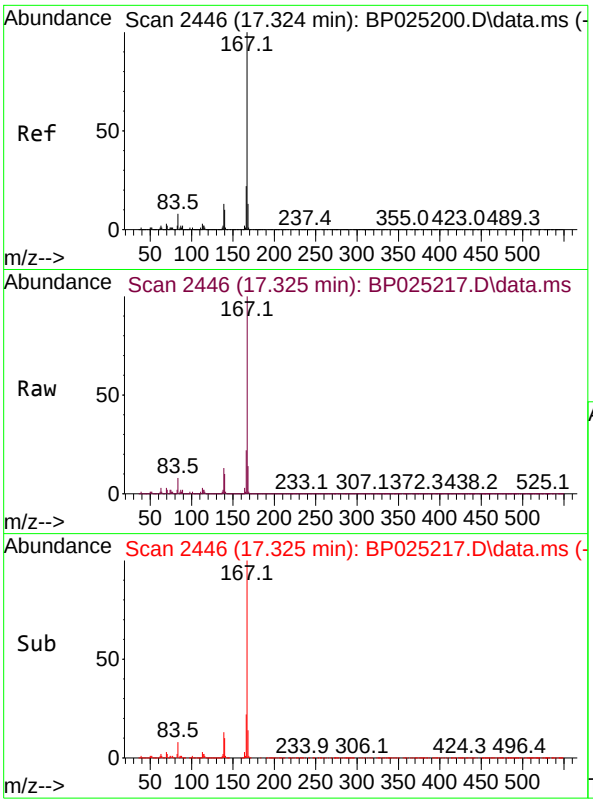




#72
Anthracene
Concen: 40.549 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:178 Resp: 5749207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



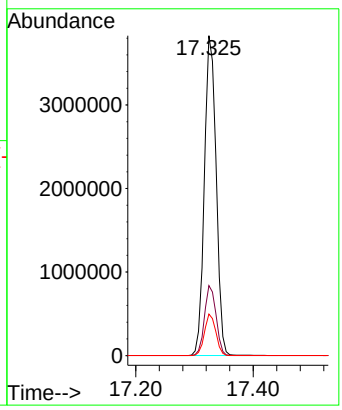


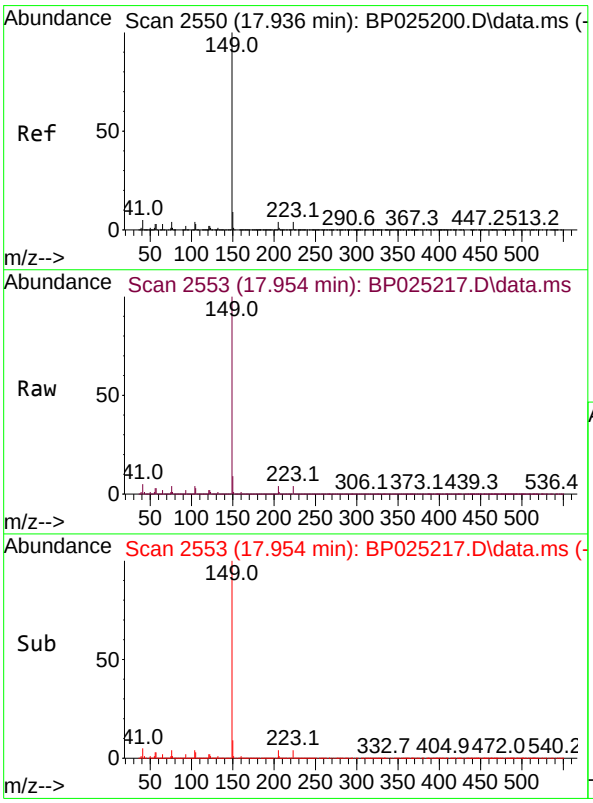

#73
Carbazole
Concen: 39.428 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:167 Resp: 5336598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.3 | 25.9 |
| 139 | 13.0 | 10.1 | 15.1 |

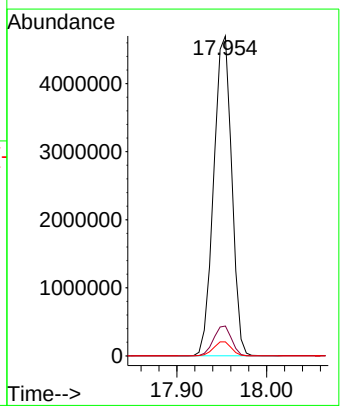


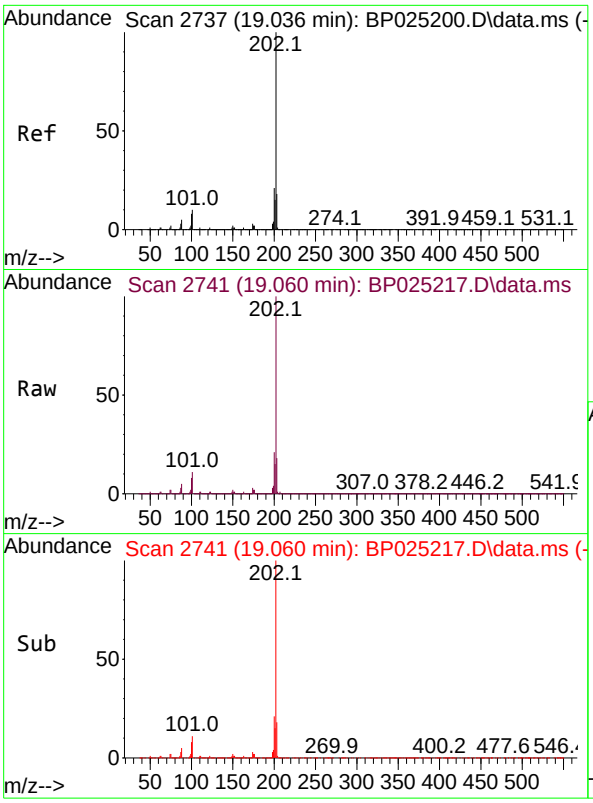




#74
Di-n-butylphthalate
Concen: 42.180 ng
RT: 17.954 min Scan# 2553
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 6587240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.6 | 11.4 |
| 104 | 4.4 | 3.5 | 5.3 |



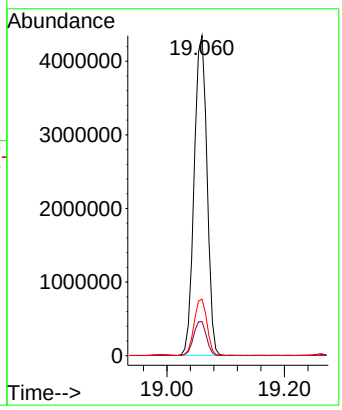


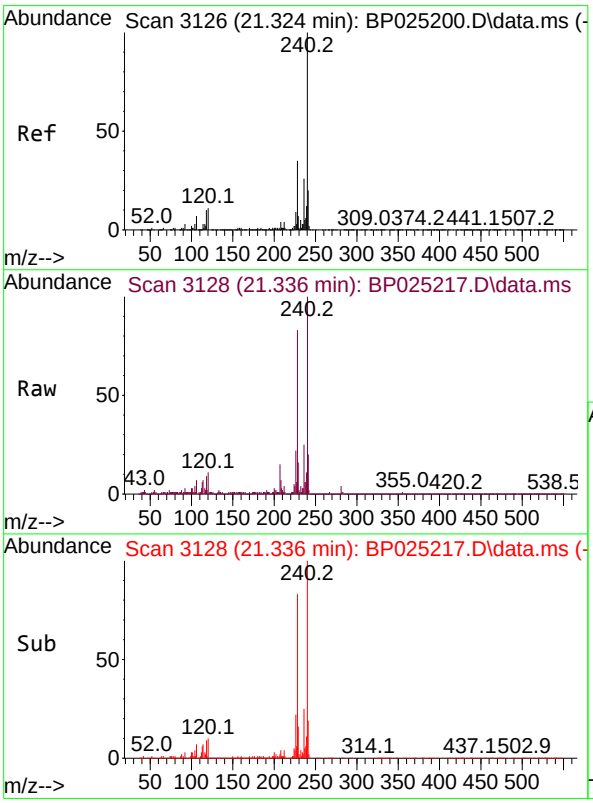

#75
Fluoranthene
Concen: 39.724 ng
RT: 19.060 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 6580038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 30.3 |
| 203 | 17.6 | 0.0 | 38.0 |

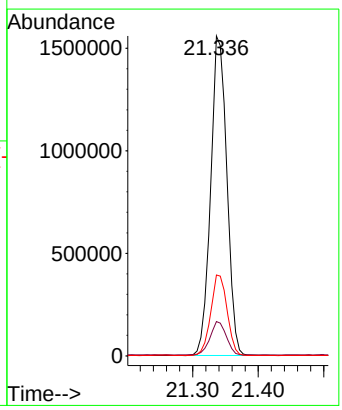


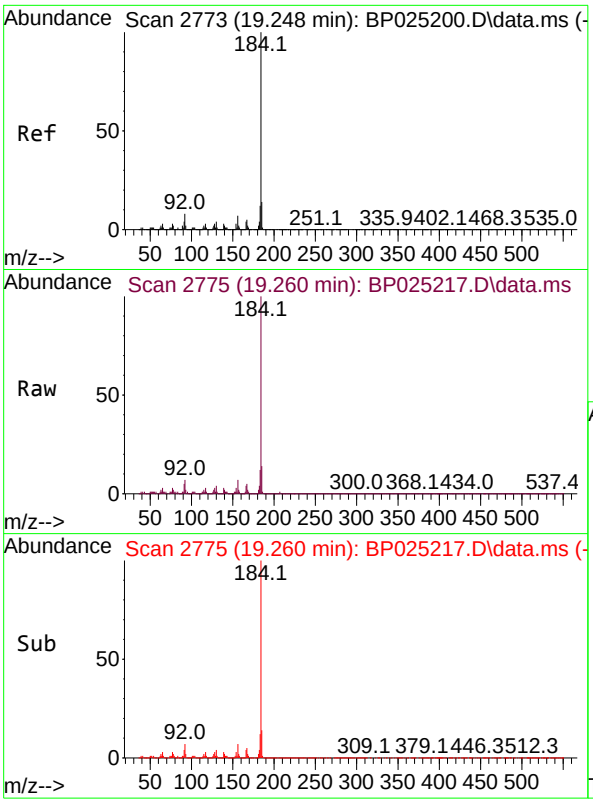




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:240 Resp: 2676711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.8 | 13.2 |
| 236 | 25.3 | 20.9 | 31.3 |



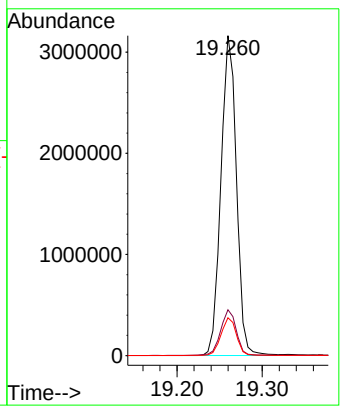


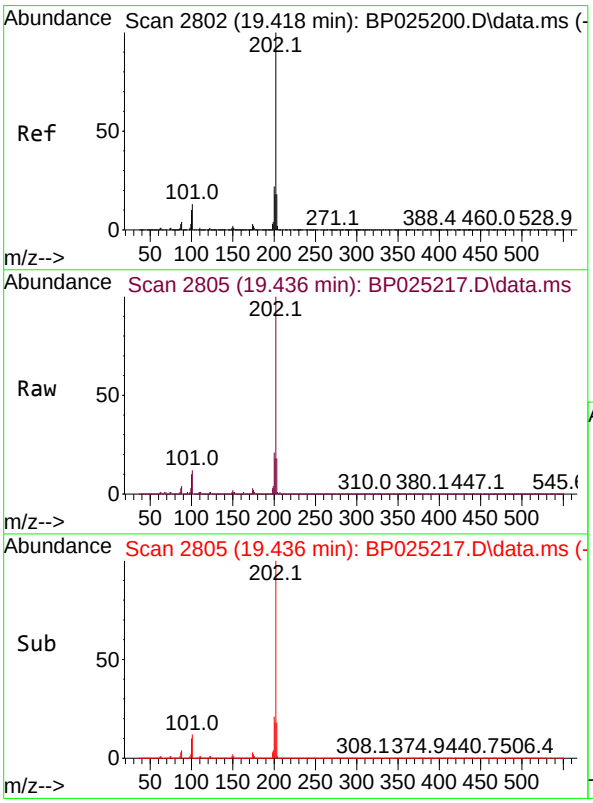

#77
Benzidine
Concen: 42.589 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 4002294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.5 | 17.3 |
| 183 | 11.8 | 9.6 | 14.4 |

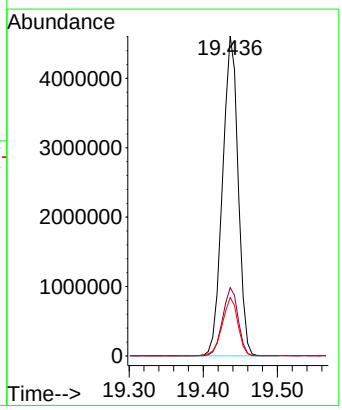


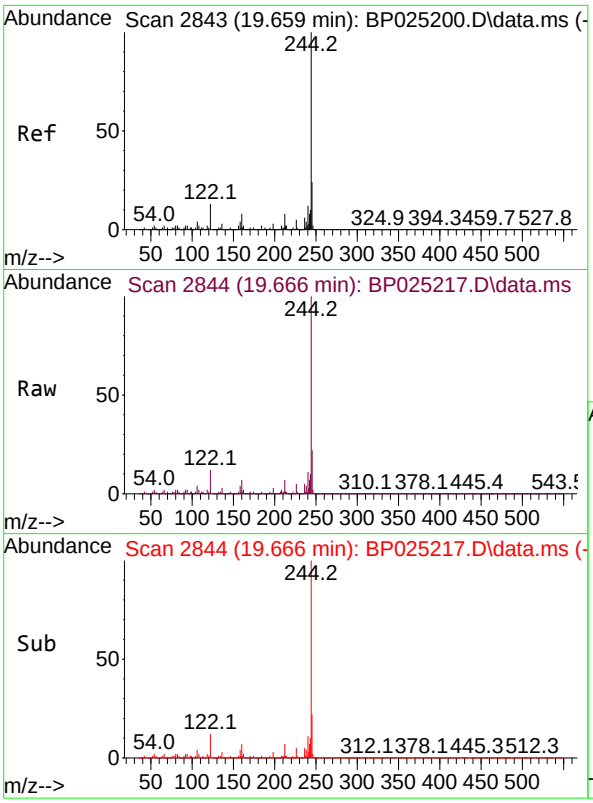




#78
Pyrene
Concen: 40.757 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:202 Resp: 6726583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.2 |
| 203 | 18.2 | 14.3 | 21.5 |



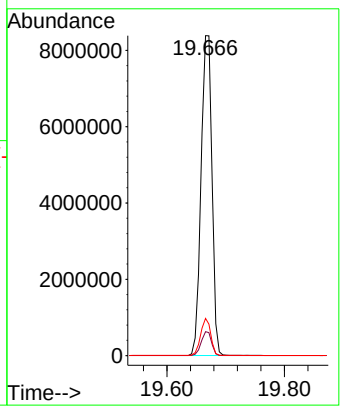


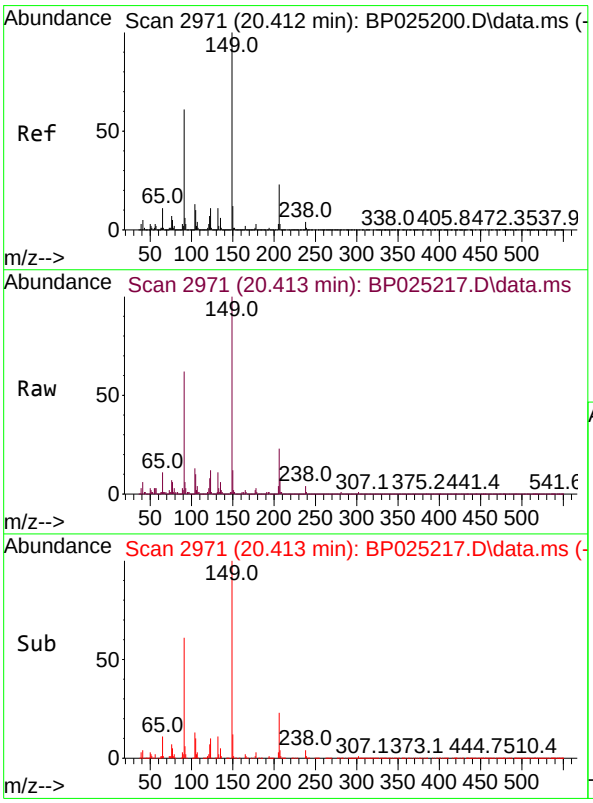

#79
Terphenyl-d14
Concen: 79.620 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:244 Resp:10796124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.6 | 9.8 |
| 122 | 11.6 | 10.3 | 15.5 |

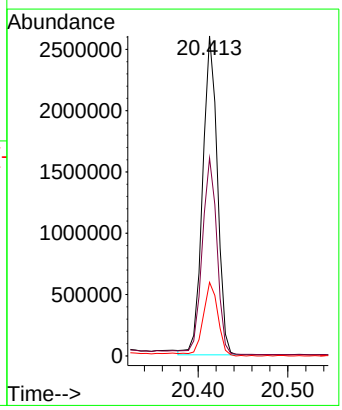


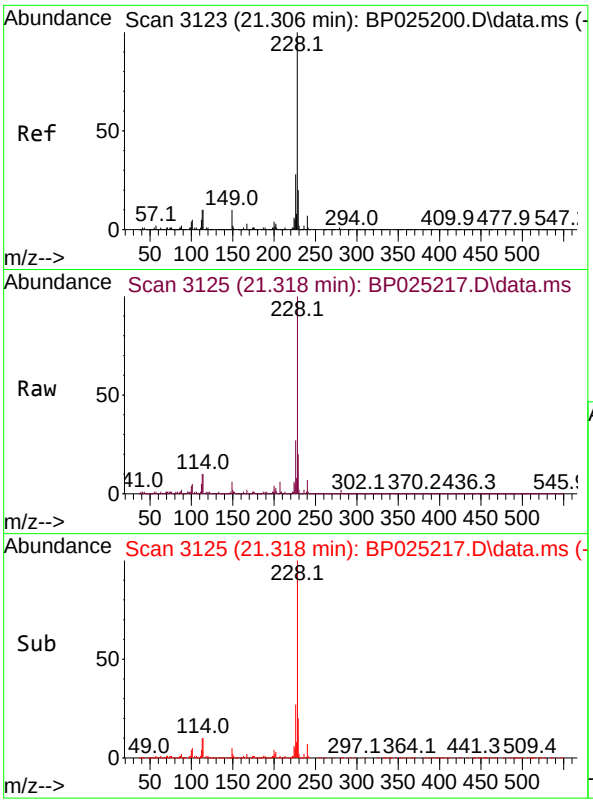




#80
Butylbenzylphthalate
Concen: 39.741 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 2968996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.8 | 48.8 | 73.2 |
| 206 | 23.0 | 18.4 | 27.6 |



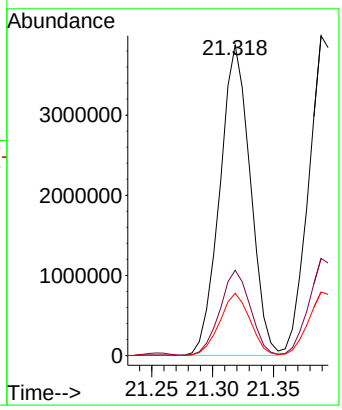


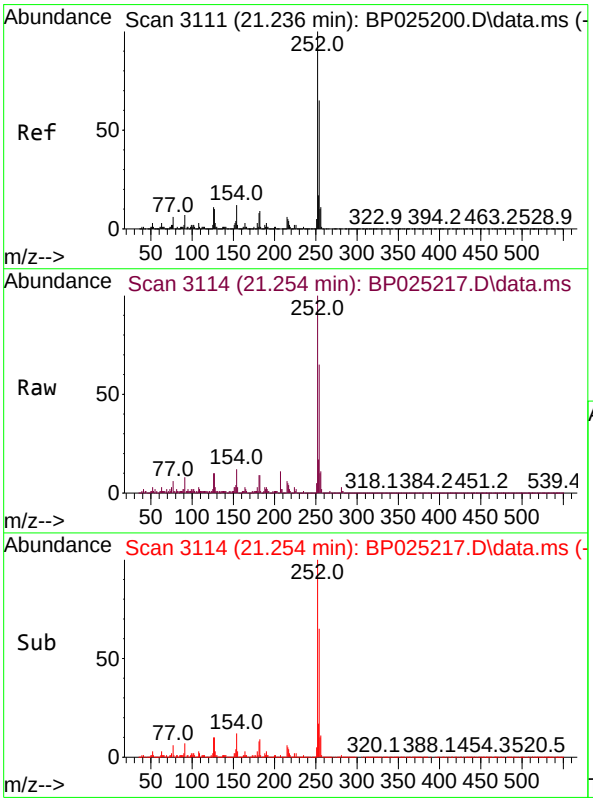

#81
Benzo(a)anthracene
Concen: 39.881 ng
RT: 21.318 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 6741360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.3 | 33.5 |
| 229 | 20.1 | 16.2 | 24.2 |

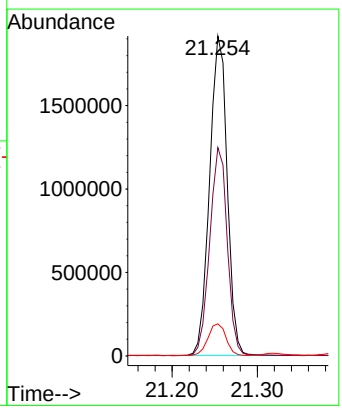


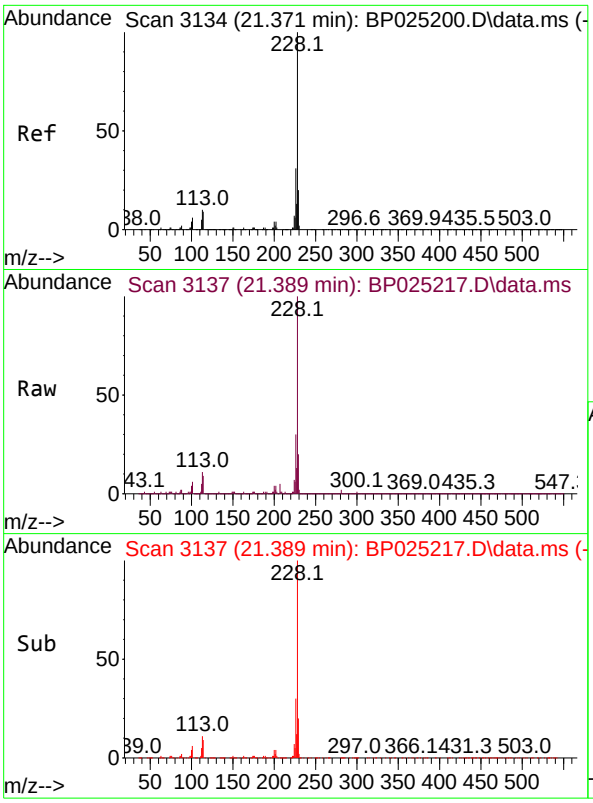




#82
3,3'-Dichlorobenzidine
Concen: 39.157 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 2743673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.1 | 78.1 |
| 126 | 10.0 | 8.6 | 12.8 |



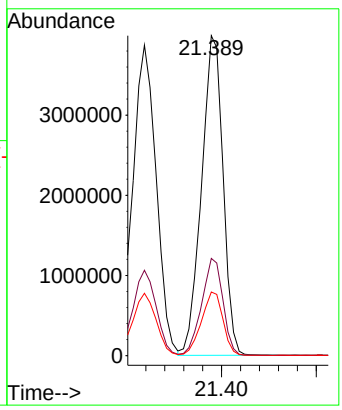


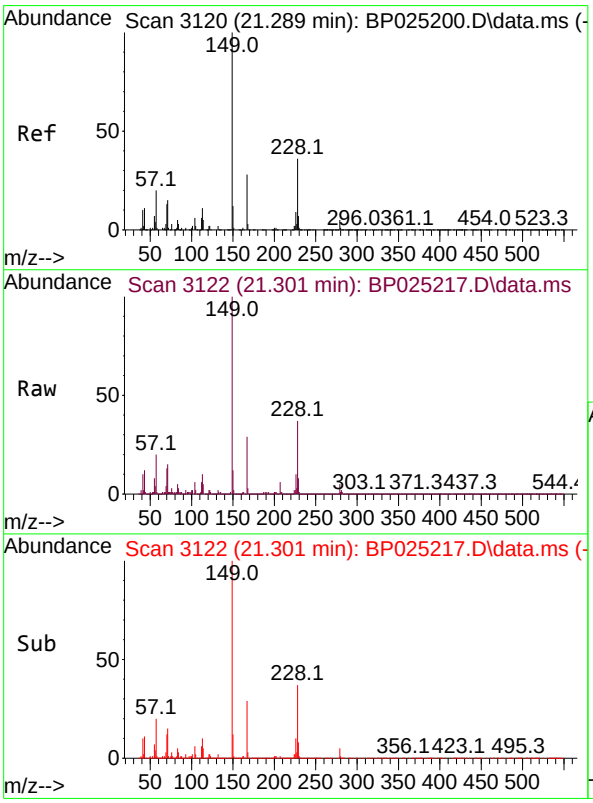

#83
Chrysene
Concen: 39.884 ng
RT: 21.389 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 6293514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.6 | 37.0 |
| 229 | 19.9 | 16.0 | 24.0 |

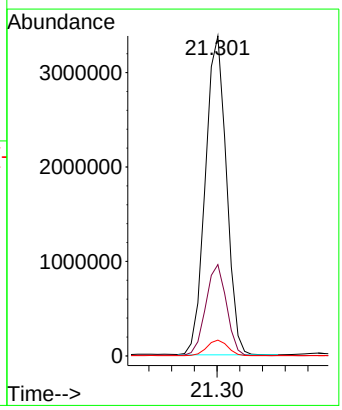


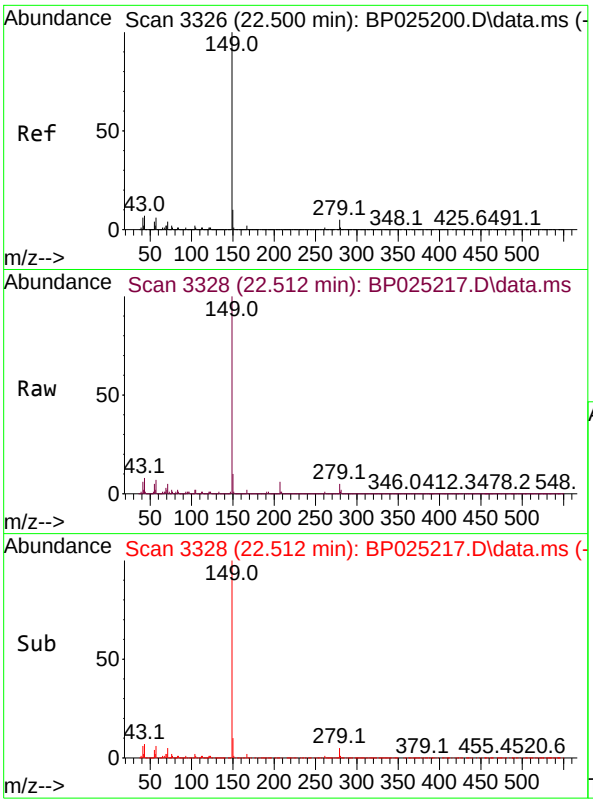




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.787 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:149 Resp: 4357084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.5 | 22.6 | 34.0 |
| 279 | 4.9 | 4.0 | 6.0 |



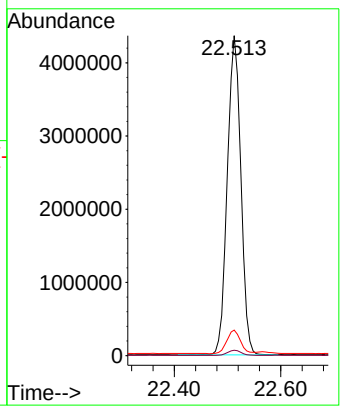


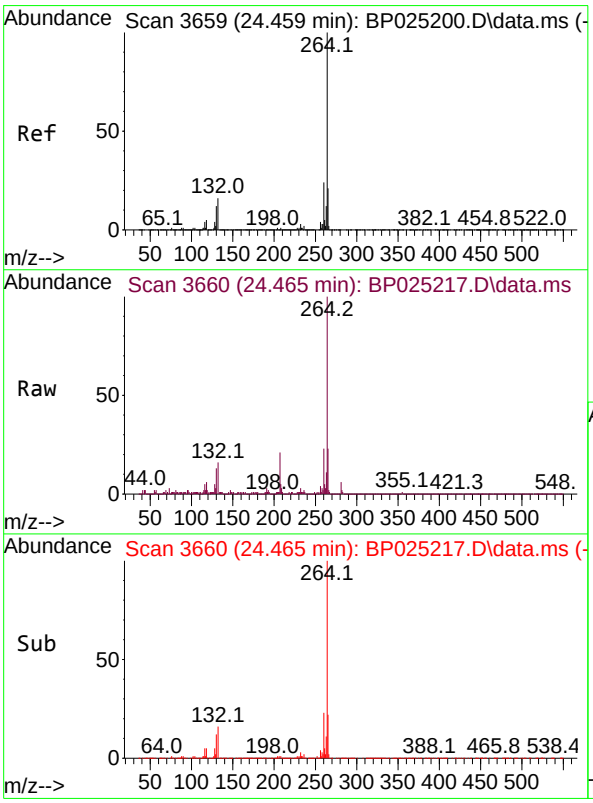

#85
Di-n-octyl phthalate
Concen: 41.734 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 7698558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

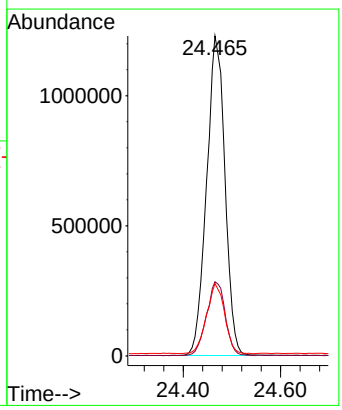


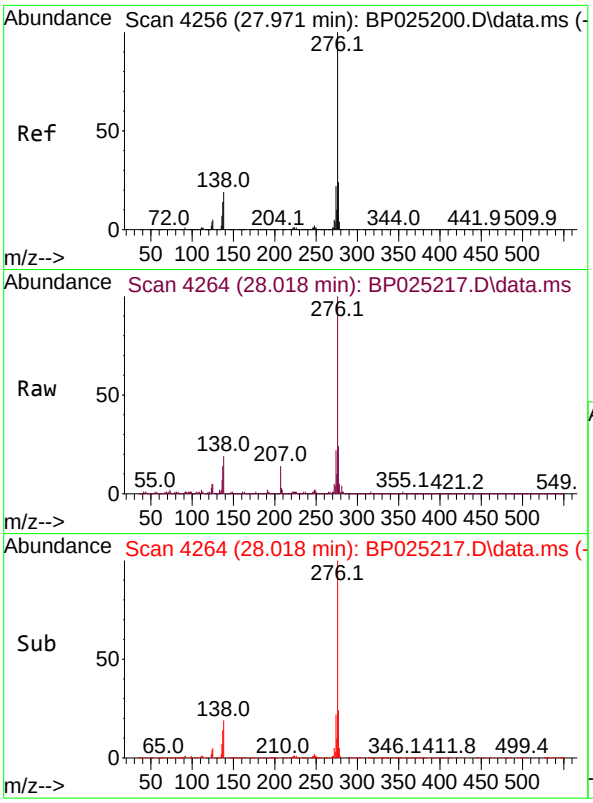




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:264 Resp: 3220793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.0 | 28.6 |
| 265 | 22.6 | 17.5 | 26.3 |



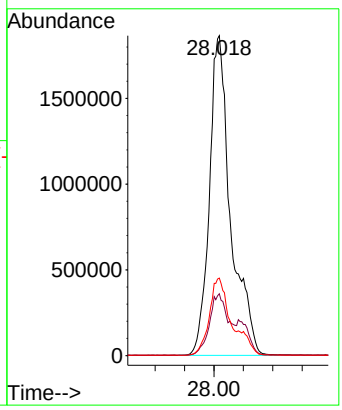


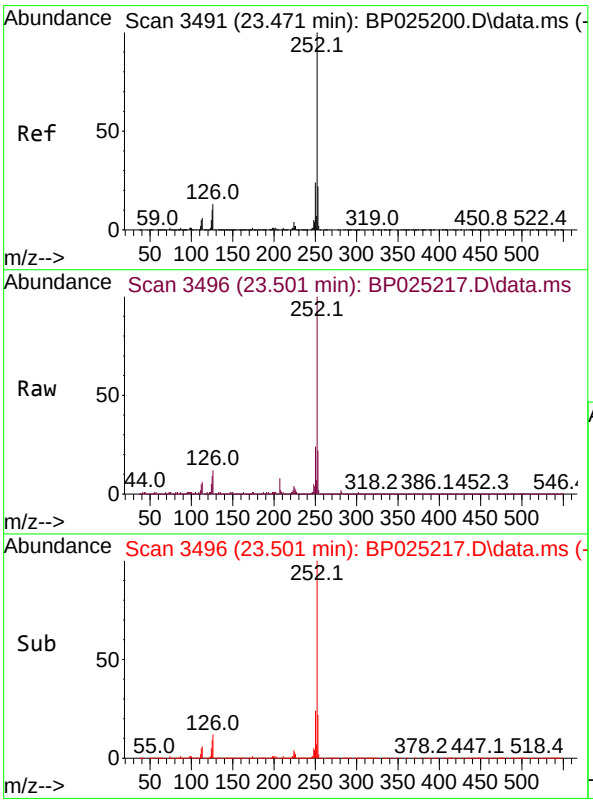

#87
Indeno(1,2,3-cd)pyrene
Concen: 39.805 ng
RT: 28.018 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 9368897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.9 | 12.8 | 19.2 |
| 277 | 25.5 | 20.3 | 30.5 |

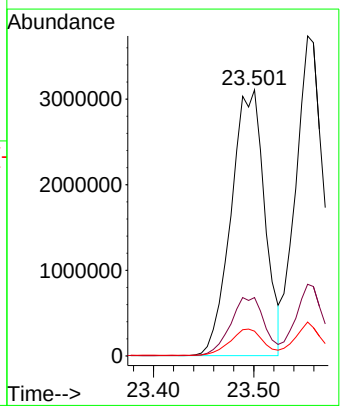


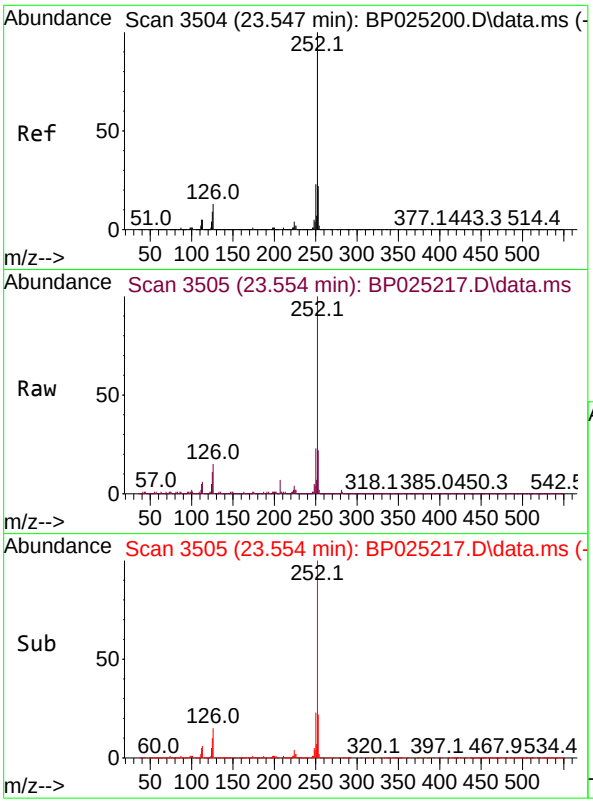




#88
Benzo(b)fluoranthene
Concen: 39.276 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 7241040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.0 | 27.0 |
| 125 | 9.3 | 7.8 | 11.8 |



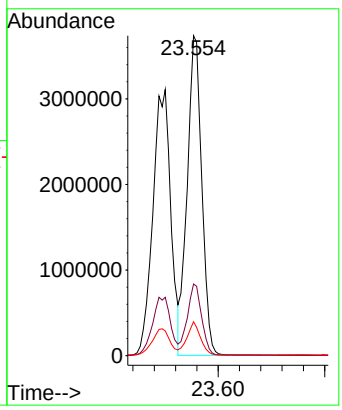


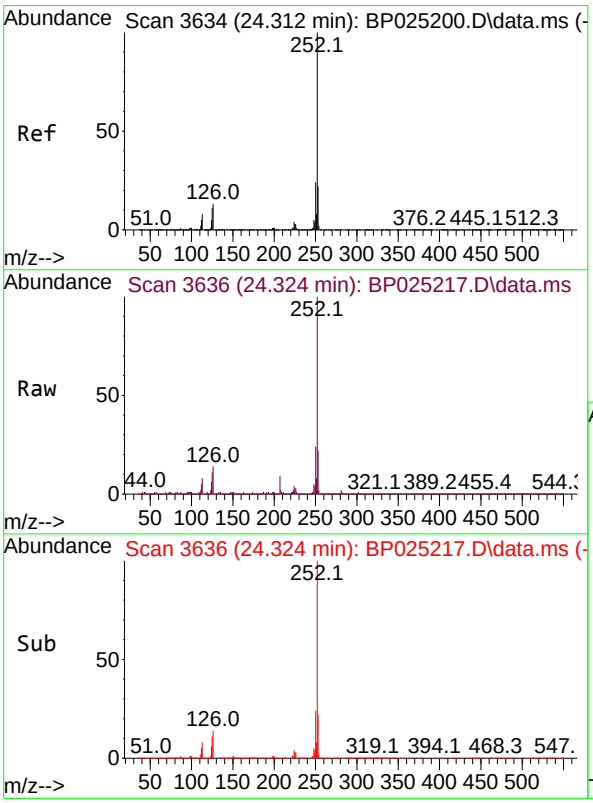

#89
Benzo(k)fluoranthene
Concen: 39.094 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 7115299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 10.6 | 7.5 | 11.3 |

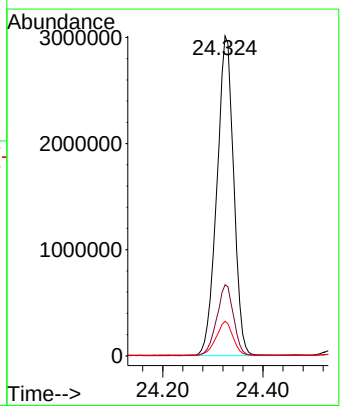


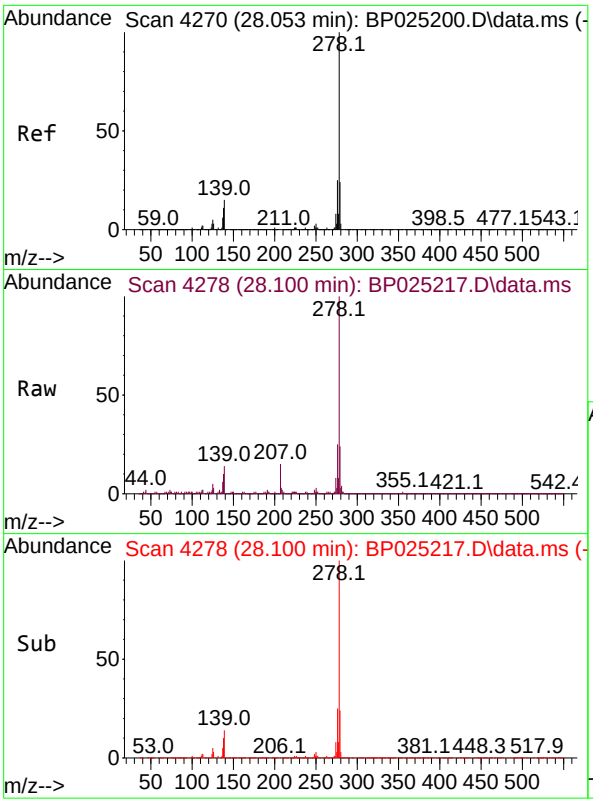




#90
Benzo(a)pyrene
Concen: 38.952 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:252 Resp: 7006621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.8 | 8.6 | 12.8 |



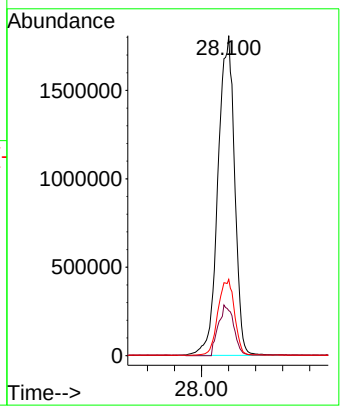


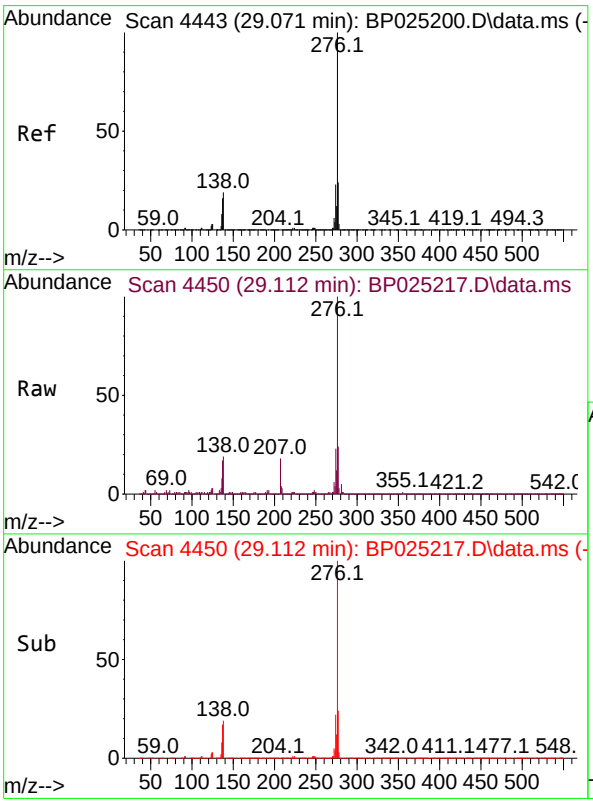

#91
Dibenzo(a,h)anthracene
Concen: 39.976 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:278 Resp: 7676442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.1 | 12.0 | 18.0 |
| 279 | 23.9 | 19.5 | 29.3 |

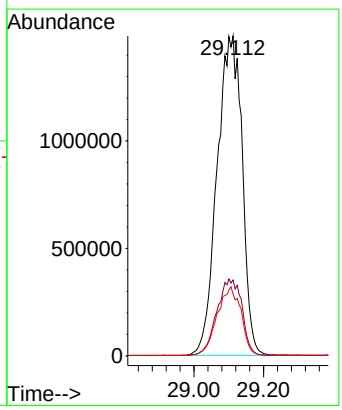



#92
Benzo(g,h,i)perylene
Concen: 39.454 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025217.D
Acq: 22 Jul 2025 16:47

Tgt Ion:276 Resp: 7445439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.2 | 28.8 |
| 138 | 19.3 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.442 | 0.5 | 70 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.180 | 0.7 | 68 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.472 | -0.2 | 68 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.184 | 0.0 | 69 | 0.00 |
| 6 | | Aniline | 1.916 | 1.923 | -0.4 | 68 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.469 | -0.2 | 68 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.350 | -0.5 | 68 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.975 | 1.9 | 60 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.523 | -0.2 | 68 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.163 | 0.3 | 68 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.498 | 0.8 | 68 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.517 | 0.5 | 68 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.467 | 0.0 | 68 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.077 | -1.9 | 69 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.461 | 2.0 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.053 | 0.1 | 67 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.530 | -1.1 | 69 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.902 | -2.3 | 69 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.449 | -0.8 | 68 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.472 | -1.5 | 69 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.366 | -1.7 | 68 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.325 | -1.2 | 68 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.644 | -1.7 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.194 | -5.4 | 70 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.313 | -1.6 | 68 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.397 | -0.3 | 68 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.323 | -1.9 | 68 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.342 | 1.2 | 67 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.020 | 0.3 | 67 | 0.00 |
| 32 | | Benzoic acid | 0.235 | 0.252 | -7.2 | 70 | 0.00 |
| 33 | | 4-Chloroaniline | 0.450 | 0.459 | -2.0 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.208 | 0.0 | 67 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.109 | -3.8 | 71 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.326 | -2.8 | 70 | 0.01 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.670 | -0.8 | 68 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.702 | -0.6 | 68 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 68 | 0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.591 | 1.3 | 68 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.346 | 3.4 | 66 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.300 | -1.7 | 71 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.409 | 0.2 | 68 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.456 | -1.1 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.454 | -2.5 | 70 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.443 | 0.5 | 68 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.122 | 0.9 | 69 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.299 | -3.5 | 70 | 0.00 |
| 49 | | Acenaphthylene | 1.831 | 1.858 | -1.5 | 69 | 0.00 |
| 50 | | Dimethylphthalate | 1.430 | 1.442 | -0.8 | 71 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.320 | -2.9 | 70 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.049 | 0.9 | 69 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.358 | -2.3 | 71 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.198 | -7.6 | 74 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.695 | 0.9 | 68 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.304 | -1.3 | 71 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.454 | -4.4 | 71 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.377 | -1.4 | 70 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.404 | -1.3 | 70 | 0.00 |
| 60 | | Diethylphthalate | 1.410 | 1.438 | -2.0 | 70 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.691 | -0.7 | 69 | 0.01 |
| 62 | | 4-Nitroaniline | 0.356 | 0.377 | -5.9 | 73 | 0.00 |
| 63 | | Azobenzene | 1.149 | 1.174 | -2.2 | 71 | 0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 71 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.133 | -3.1 | 72 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.605 | 0.3 | 72 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.231 | 0.9 | 71 | 0.00 |
| 68 | | Hexachlorobenzene | 0.277 | 0.271 | 2.2 | 69 | 0.01 |
| 69 | | Atrazine | 0.225 | 0.228 | -1.3 | 74 | 0.00 |
| 70 | C | Pentachlorophenol | 0.188 | 0.186 | 1.1 | 70 | 0.02 |
| 71 | | Phenanthrene | 1.079 | 1.064 | 1.4 | 71 | 0.01 |
| 72 | | Anthracene | 1.087 | 1.102 | -1.4 | 72 | 0.00 |
| 73 | | Carbazole | 1.037 | 1.023 | 1.4 | 71 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.262 | -5.4 | 74 | 0.02 |
| 75 | C | Fluoranthene | 1.270 | 1.261 | 0.7 | 72 | 0.02 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 73 | 0.01 |
| 77 | | Benzidine | 0.702 | 0.748 | -6.6 | 64 | 0.01 |
| 78 | | Pyrene | 1.233 | 1.257 | -1.9 | 73 | 0.02 |
| 79 | S | Terphenyl-d14 | 1.013 | 1.008 | 0.5 | 82 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.555 | 0.5 | 72 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.259 | 0.3 | 74 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.513 | 2.1 | 73 | 0.02 |
| 83 | | Chrysene | 1.179 | 1.176 | 0.3 | 74 | 0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.814 | -2.0 | 74 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.438 | -4.4 | 76 | 0.01 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 74 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.454 | 0.5 | 76 | 0.05 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.124 | 1.8 | 74 | 0.03 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.105 | 2.2 | 72 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.088 | 2.6 | 73 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.192 | 0.0 | 75 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.156 | 1.4 | 75 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev Area% | Dev(min) |
|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 68 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.847 | 0.4 | 70 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.735 | 0.7 | 68 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 40.078 | -0.2 | 68 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 80.012 | -0.0 | 69 | 0.00 |
| 6 | | Aniline | 40.000 | 40.138 | -0.3 | 68 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 80.153 | -0.2 | 68 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.201 | -0.5 | 68 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.238 | 1.9 | 60 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.065 | -0.2 | 68 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.923 | 0.2 | 68 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.664 | 0.8 | 68 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.812 | 0.5 | 68 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.017 | -0.0 | 68 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.729 | -1.8 | 69 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.177 | 2.1 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.964 | 0.1 | 67 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.407 | -1.0 | 69 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.909 | -2.3 | 69 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.305 | -0.8 | 68 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 22 | | Acetophenone | 40.000 | 40.591 | -1.5 | 69 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 81.250 | -1.6 | 68 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.551 | -1.4 | 68 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.697 | -1.7 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.134 | -5.3 | 70 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.594 | -1.5 | 68 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.143 | -0.4 | 68 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.789 | -2.0 | 68 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.591 | 1.0 | 67 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.855 | 0.4 | 67 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.757 | -6.9 | 70 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.770 | -1.9 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.867 | 0.3 | 67 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.409 | -3.5 | 71 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.129 | -2.8 | 70 | 0.01 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.308 | -0.8 | 68 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.228 | -0.6 | 68 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 68 | 0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.457 | 1.4 | 68 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 38.668 | 3.3 | 66 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 81.460 | -1.8 | 71 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.950 | 0.1 | 68 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.430 | -1.1 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 82.022 | -2.5 | 70 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.821 | 0.4 | 68 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.634 | 0.9 | 69 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.364 | -3.4 | 70 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.585 | -1.5 | 69 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.335 | -0.8 | 71 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.167 | -2.9 | 70 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.628 | 0.9 | 69 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 40.886 | -2.2 | 71 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 43.041 | -7.6 | 74 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.654 | 0.9 | 68 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.570 | -1.4 | 71 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.787 | -4.5 | 71 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.566 | -1.4 | 70 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.480 | -1.2 | 70 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.800 | -2.0 | 70 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.306 | -0.8 | 69 | 0.01 |
| 62 | | 4-Nitroaniline | 40.000 | 42.282 | -5.7 | 73 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.879 | -2.2 | 71 | 0.01 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 71 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.173 | -2.9 | 72 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.898 | 0.3 | 72 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.669 | 0.8 | 71 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.045 | 2.4 | 69 | 0.01 |
| 69 | | Atrazine | 40.000 | 40.589 | -1.5 | 74 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 39.511 | 1.2 | 70 | 0.02 |
| 71 | | Phenanthrene | 40.000 | 39.459 | 1.4 | 71 | 0.01 |
| 72 | | Anthracene | 40.000 | 40.549 | -1.4 | 72 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.428 | 1.4 | 71 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.180 | -5.4 | 74 | 0.02 |
| 75 | C | Fluoranthene | 40.000 | 39.724 | 0.7 | 72 | 0.02 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 73 | 0.01 |
| 77 | | Benzidine | 40.000 | 42.589 | -6.5 | 64 | 0.01 |
| 78 | | Pyrene | 40.000 | 40.757 | -1.9 | 73 | 0.02 |
| 79 | S | Terphenyl-d14 | 80.000 | 79.620 | 0.5 | 82 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 39.741 | 0.6 | 72 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.881 | 0.3 | 74 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.157 | 2.1 | 73 | 0.02 |
| 83 | | Chrysene | 40.000 | 39.884 | 0.3 | 74 | 0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.787 | -2.0 | 74 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 41.734 | -4.3 | 76 | 0.01 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 74 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.805 | 0.5 | 76 | 0.05 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.276 | 1.8 | 74 | 0.03 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.094 | 2.3 | 72 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 38.952 | 2.6 | 73 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.976 | 0.1 | 75 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 39.454 | 1.4 | 75 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 11:22

Lab File ID: BP025219.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.179 | | -0.4 | |
| Phenol-d6 | 1.466 | 1.476 | | 0.7 | |
| Nitrobenzene-d5 | 0.360 | 0.360 | | 0.0 | |
| Naphthalene | 1.023 | 1.020 | | -0.3 | |
| 2-Methylnaphthalene | 0.665 | 0.659 | | -0.9 | |
| 2-Fluorobiphenyl | 1.419 | 1.437 | | 1.3 | |
| Acenaphthylene | 1.831 | 1.855 | | 1.3 | |
| Acenaphthene | 1.059 | 1.059 | | 0.0 | 20.0 |
| Fluorene | 1.358 | 1.377 | | 1.4 | |
| 2,4,6-Tribromophenol | 0.295 | 0.297 | | 0.7 | |
| Phenanthrene | 1.079 | 1.056 | | -2.1 | |
| Anthracene | 1.087 | 1.071 | | -1.5 | |
| Fluoranthene | 1.270 | 1.247 | | -1.8 | 20.0 |
| Pyrene | 1.233 | 1.269 | | 2.9 | |
| Terphenyl-d14 | 1.013 | 1.053 | | 3.9 | |
| Benzo(a)anthracene | 1.263 | 1.259 | | -0.3 | |
| Chrysene | 1.179 | 1.202 | | 2.0 | |
| Benzo(b)fluoranthene | 1.145 | 1.121 | | -2.1 | |
| Benzo(k)fluoranthene | 1.130 | 1.116 | | -1.2 | |
| Benzo(a)pyrene | 1.117 | 1.103 | | -1.3 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.474 | | 0.8 | |
| Dibenzo(a,h)anthracene | 1.192 | 1.207 | | 1.3 | |
| Benzo(g,h,i)perylene | 1.172 | 1.178 | | 0.5 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 466387 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 1926823 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1245962 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2530825 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2561119 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.471 | 264 | 3092373 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2199993 | 79.702 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2753956 | 80.555 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 2777598 | 80.111 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 1479896 | 80.568 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 7160639 | 81.023 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.666 | 244 | 10791584 | 83.178 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 412440 | 39.868 | ng | | 99 |
| 3) Pyridine | 3.496 | 79 | 1102898 | 39.826 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 435541 | 39.659 | ng | | 97 |
| 6) Aniline | 6.778 | 93 | 1820779 | 40.744 | ng | | 100 |
| 8) 2-Chlorophenol | 7.014 | 128 | 1259286 | 40.208 | ng | | 98 |
| 9) Benzaldehyde | 6.596 | 77 | 897525 | 38.721 | ng | | 99 |
| 10) Phenol | 6.666 | 94 | 1433985 | 40.446 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.884 | 93 | 1096307 | 40.333 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1385370 | 39.335 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 1412217 | 39.724 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 1364981 | 39.912 | ng | | 100 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1008558 | 40.898 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 1372323 | 39.458 | ng | | 99 |
| 17) 2-Methylphenol | 7.884 | 107 | 1000788 | 40.716 | ng | | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 484449 | 39.625 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.237 | 70 | 851504 | 41.403 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.208 | 107 | 1370088 | 40.863 | ng | | 99 |
| 22) Acetophenone | 8.243 | 105 | 1785923 | 39.833 | ng | # | 99 |
| 24) Nitrobenzene | 8.613 | 77 | 1239014 | 40.088 | ng | | 98 |
| 25) Isophorone | 9.137 | 82 | 2424147 | 39.759 | ng | | 100 |
| 26) 2-Nitrophenol | 9.308 | 139 | 724511 | 40.821 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1188270 | 40.011 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 1510070 | 39.596 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.849 | 162 | 1223755 | 40.108 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 1296178 | 38.895 | ng | | 99 |
| 31) Naphthalene | 10.231 | 128 | 3930225 | 39.861 | ng | | 99 |
| 32) Benzoic acid | 9.537 | 122 | 872453 | 38.480 | ng | | 97 |
| 33) 4-Chloroaniline | 10.343 | 127 | 1757797 | 40.557 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 783786 | 39.076 | ng | | 100 |
| 35) Caprolactam | 11.131 | 113 | 406774 | 40.170 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1238843 | 40.618 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.849 | 142 | 2540259 | 39.677 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 2687973 | 39.968 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 1491819 | 39.944 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 940689 | 42.194 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.478 | 196 | 1035854 | 40.592 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

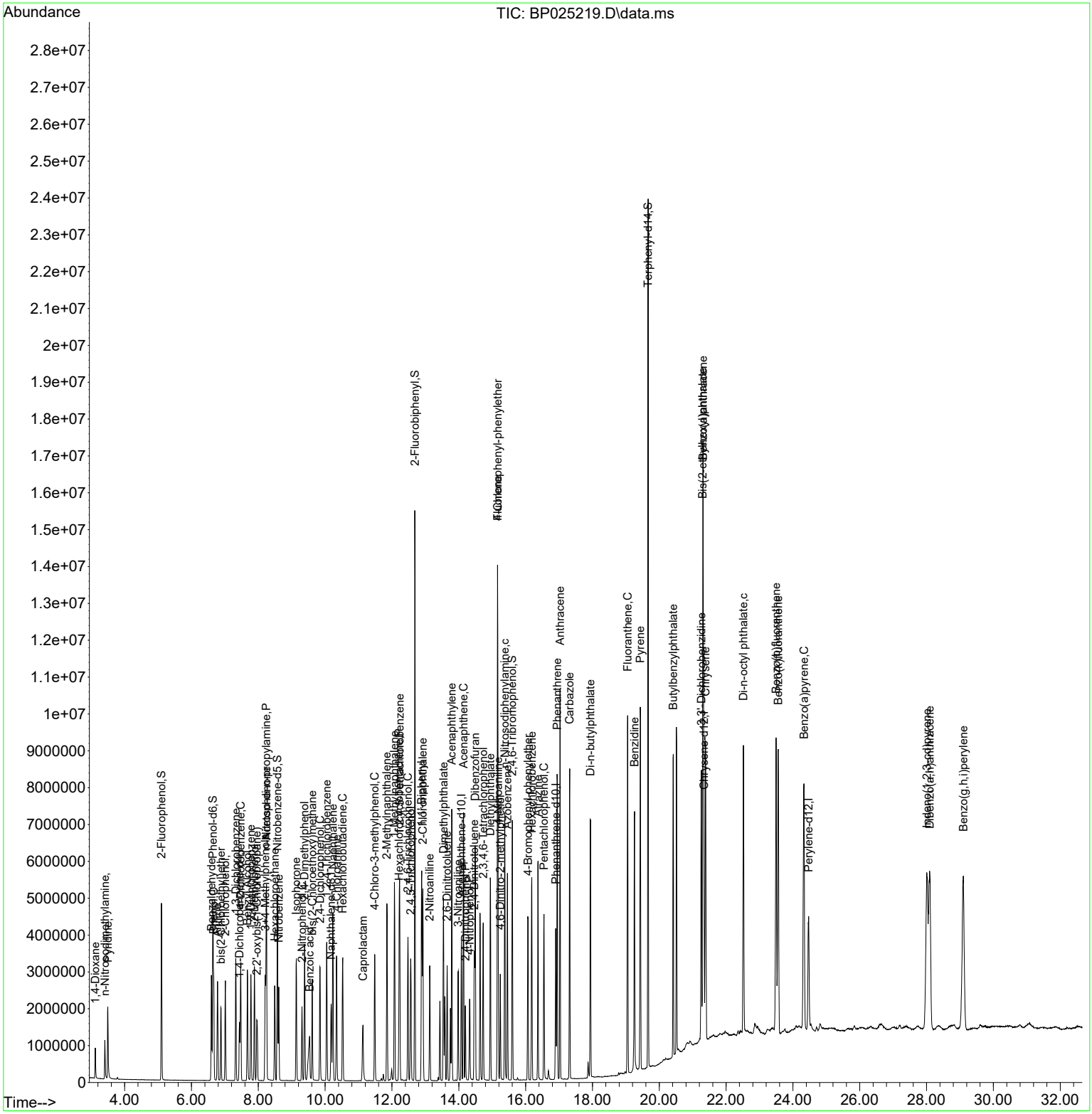
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1133949 | 40.380 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.890 | 154 | 3638037 | 40.278 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 2827609 | 40.098 | ng | 100 |
| 48) 2-Nitroaniline | 13.131 | 65 | 746854 | 41.473 | ng | 98 |
| 49) Acenaphthylene | 13.790 | 152 | 4622988 | 40.533 | ng | 99 |
| 50) Dimethylphthalate | 13.543 | 163 | 3559355 | 39.945 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.648 | 165 | 784404 | 40.513 | ng | 95 |
| 52) Acenaphthene | 14.143 | 154 | 2639356 | 40.018 | ng | 100 |
| 53) 3-Nitroaniline | 13.984 | 138 | 874904 | 40.071 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.195 | 184 | 475756 | 41.472 | ng | 99 |
| 55) Dibenzofuran | 14.490 | 168 | 4268397 | 40.066 | ng | 99 |
| 56) 4-Nitrophenol | 14.325 | 139 | 755490 | 40.436 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1117080 | 41.217 | ng | 99 |
| 58) Fluorene | 15.160 | 166 | 3432050 | 40.579 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 1007317 | 40.533 | ng | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 3514021 | 40.011 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 1706307 | 39.925 | ng | 97 |
| 62) 4-Nitroaniline | 15.178 | 138 | 917496 | 41.319 | ng | 98 |
| 63) Azobenzene | 15.454 | 77 | 2868934 | 40.086 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.243 | 198 | 672511 | 41.175 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 3005446 | 39.125 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1156900 | 39.169 | ng | 100 |
| 68) Hexachlorobenzene | 16.184 | 284 | 1357253 | 38.695 | ng | 98 |
| 69) Atrazine | 16.372 | 200 | 1119581 | 39.387 | ng | 98 |
| 70) Pentachlorophenol | 16.548 | 266 | 938309 | 39.338 | ng | 99 |
| 71) Phenanthrene | 16.942 | 178 | 5343916 | 39.150 | ng | 100 |
| 72) Anthracene | 17.031 | 178 | 5419810 | 39.414 | ng | 100 |
| 73) Carbazole | 17.319 | 167 | 5140047 | 39.157 | ng | 100 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 6265773 | 41.369 | ng | 100 |
| 75) Fluoranthene | 19.054 | 202 | 6314252 | 39.305 | ng | 99 |
| 77) Benzidine | 19.260 | 184 | 4005958 | 44.552 | ng | 99 |
| 78) Pyrene | 19.431 | 202 | 6501312 | 41.170 | ng | 99 |
| 80) Butylbenzylphthalate | 20.419 | 149 | 2874425 | 40.212 | ng | 98 |
| 81) Benzo(a)anthracene | 21.313 | 228 | 6449789 | 39.878 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.260 | 252 | 2671574 | 39.849 | ng | 99 |
| 83) Chrysene | 21.383 | 228 | 6158415 | 40.790 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 4064933 | 39.770 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.519 | 149 | 7275962 | 41.223 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.007 | 276 | 9114238 | 40.332 | ng | 96 |
| 88) Benzo(b)fluoranthene | 23.495 | 252 | 6930203 | 39.151 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.560 | 252 | 6903516 | 39.505 | ng | 99 |
| 90) Benzo(a)pyrene | 24.330 | 252 | 6819808 | 39.488 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.095 | 278 | 7466678 | 40.499 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.101 | 276 | 7287179 | 40.219 | ng | 99 |

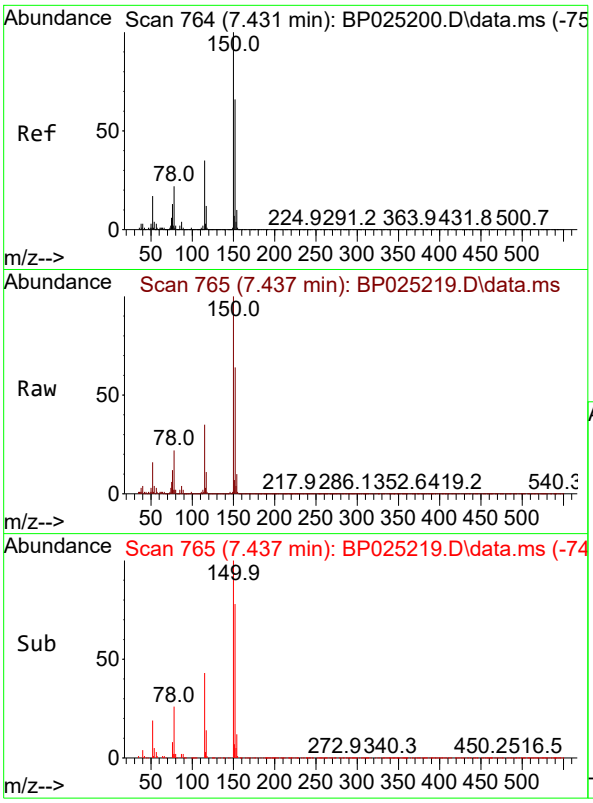
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



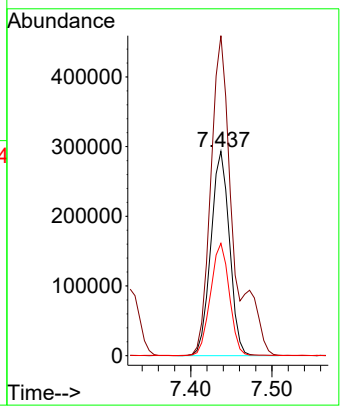


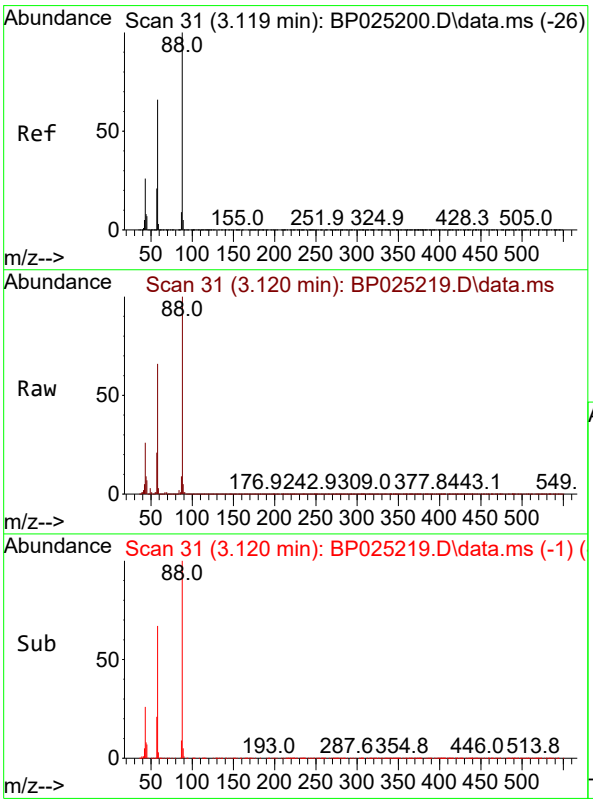

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 466387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 121.9 | 182.9 |
| 115 | 55.0 | 43.0 | 64.6 |

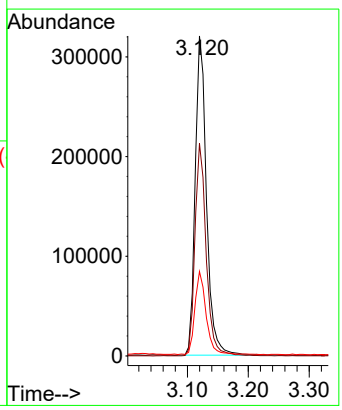


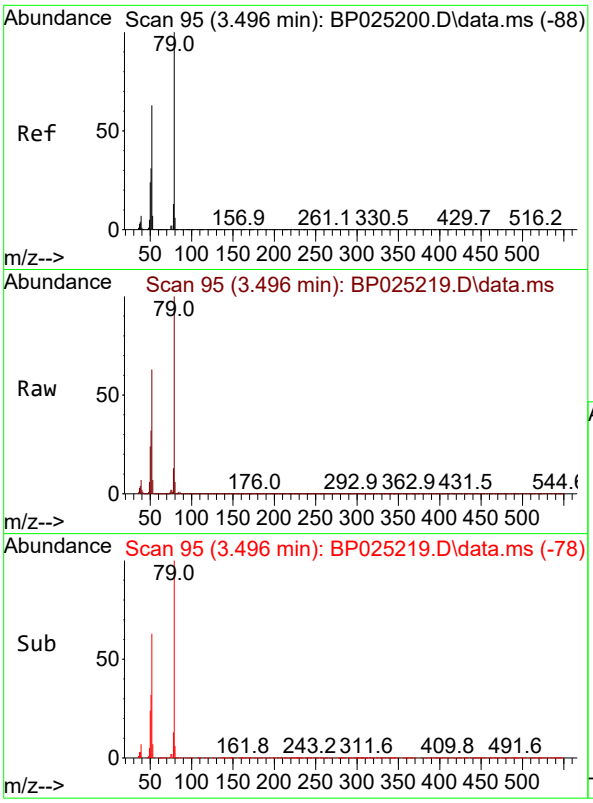




#2
1,4-Dioxane
Concen: 39.868 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 88 Resp: 412440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.3 | 53.5 | 80.3 |
| 43 | 26.5 | 20.8 | 31.2 |



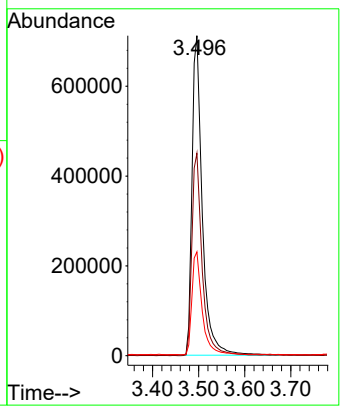


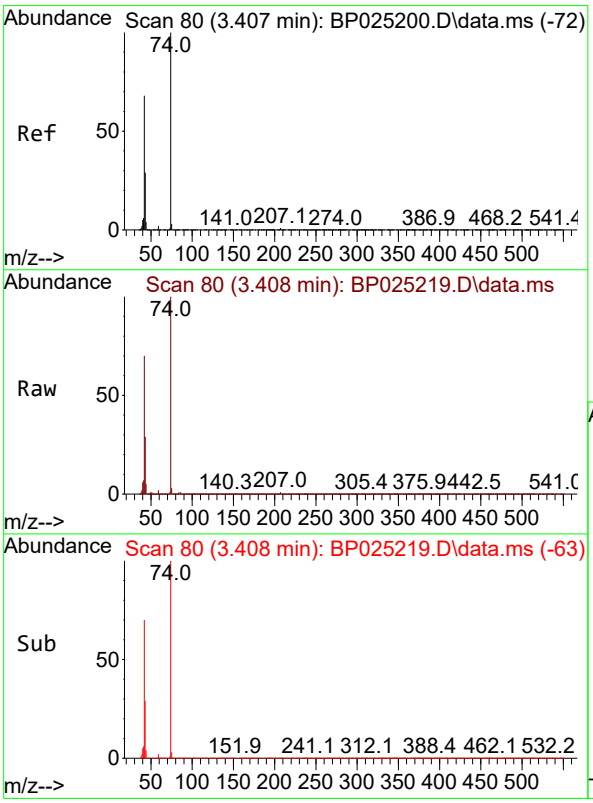

#3
Pyridine
Concen: 39.826 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1102898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.3 | 50.2 | 75.4 |
| 51 | 32.4 | 25.0 | 37.4 |

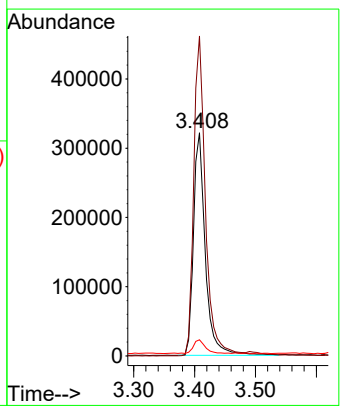


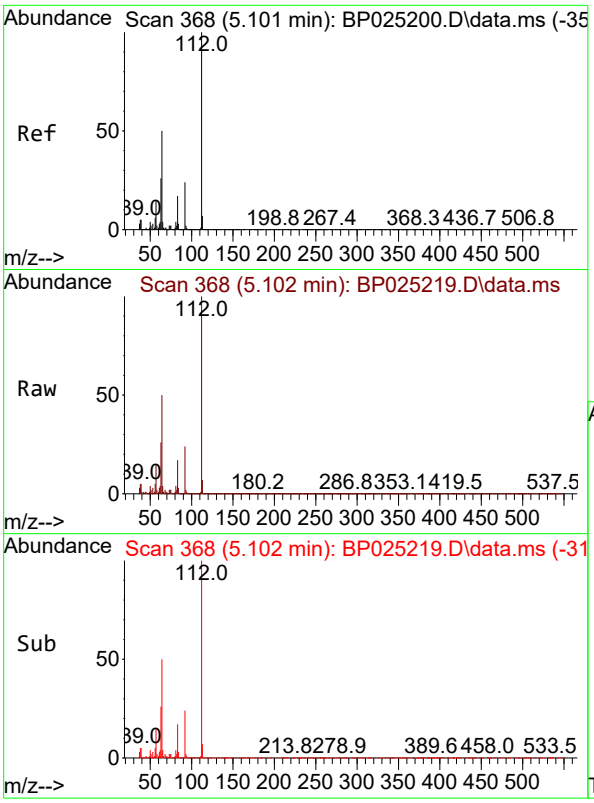




#4
n-Nitrosodimethylamine
Concen: 39.659 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 42 Resp: 435541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.3 | 118.0 | 177.0 |
| 44 | 7.2 | 5.5 | 8.3 |



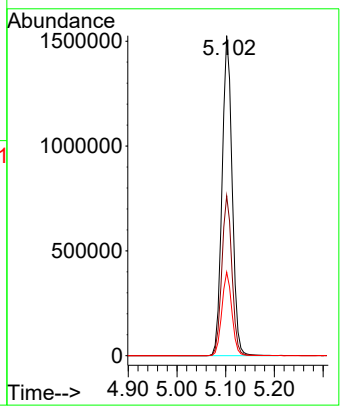


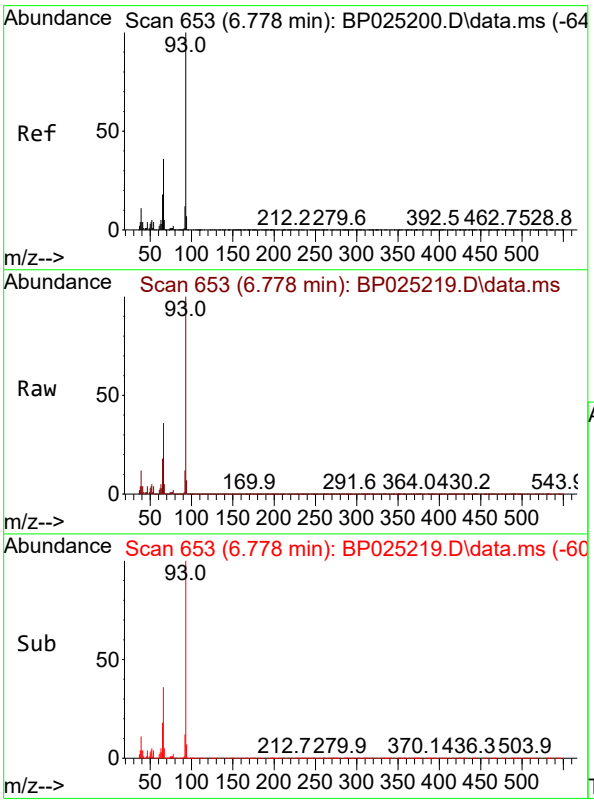

#5
2-Fluorophenol
Concen: 79.702 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 2199993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.0 | 39.8 | 59.6 |
| 63 | 26.1 | 20.5 | 30.7 |

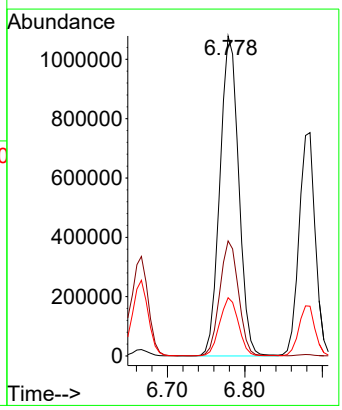


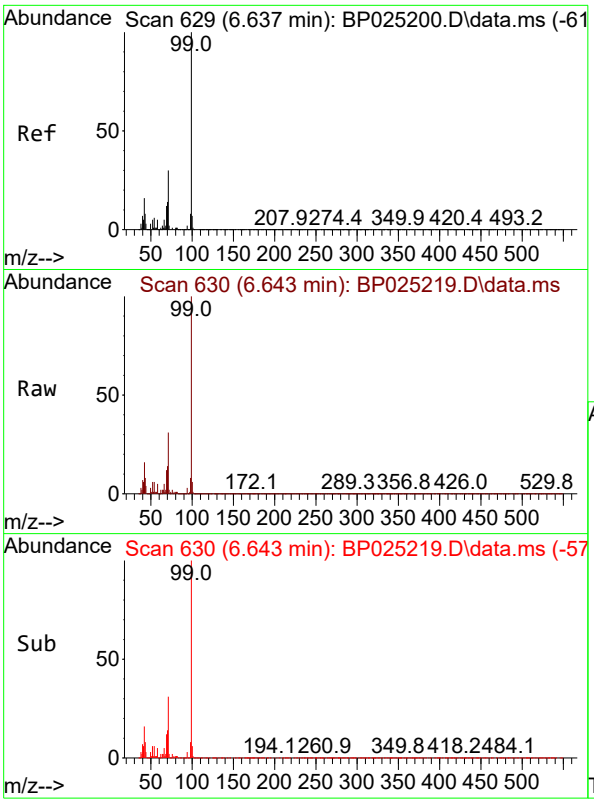




#6
Aniline
Concen: 40.744 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1820779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.0 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



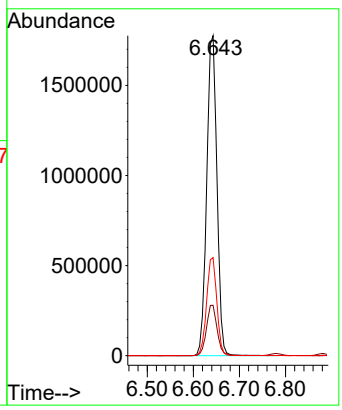


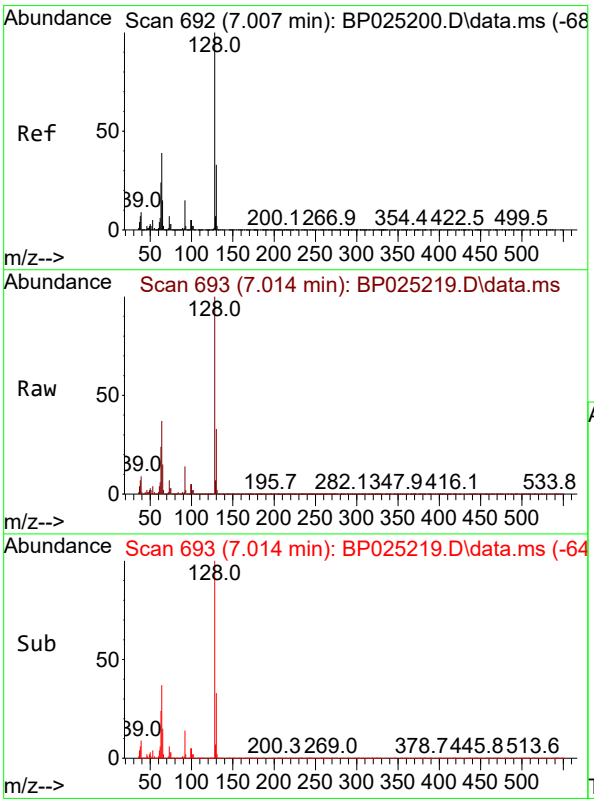

#7
Phenol-d6
Concen: 80.555 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 2753956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.8 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |

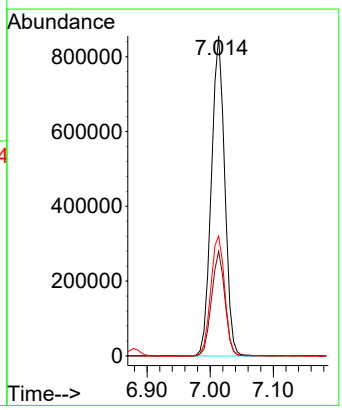


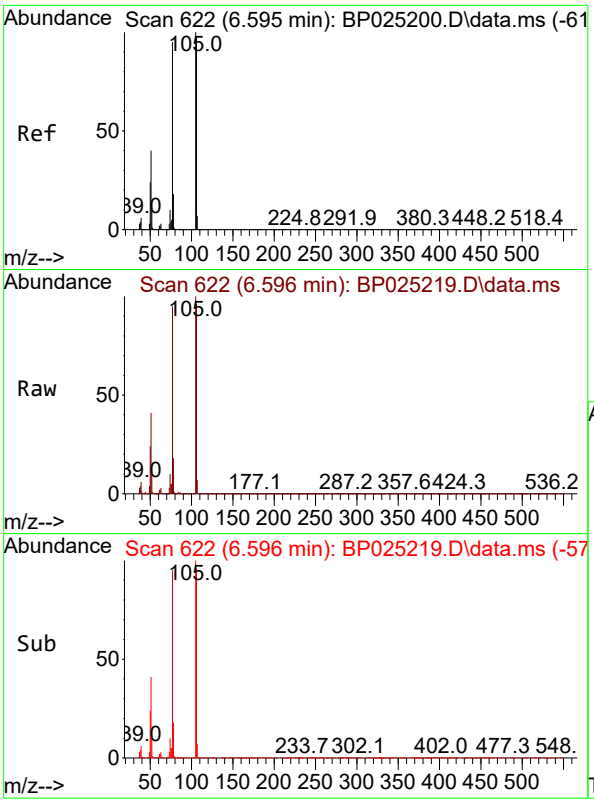




#8
2-Chlorophenol
Concen: 40.208 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:128 Resp: 1259286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 37.5 | 19.2 | 59.2 |



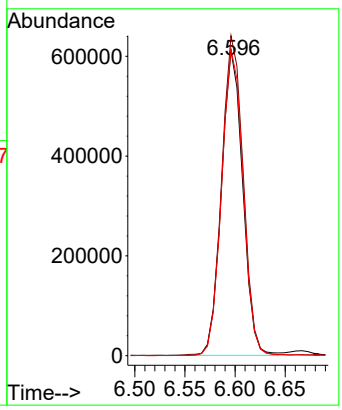


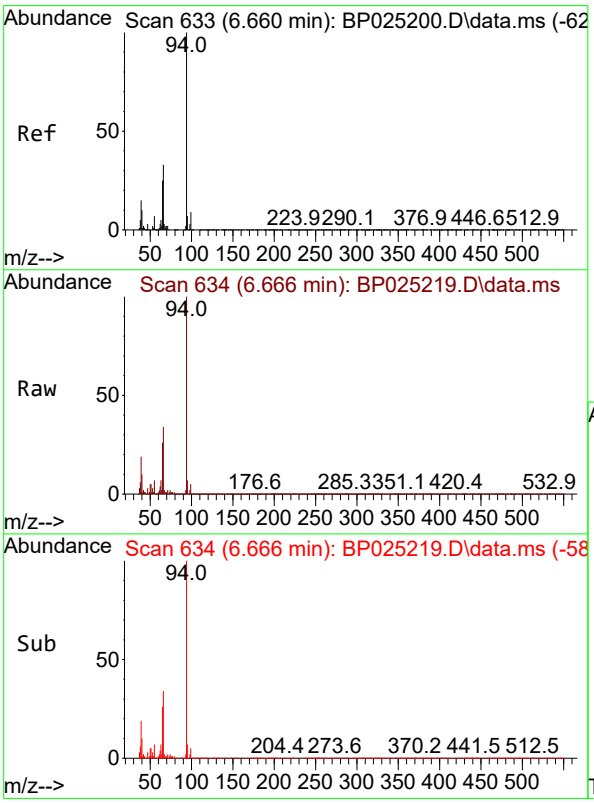

#9
Benzaldehyde
Concen: 38.721 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 897525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.9 | 85.5 | 125.5 |
| 106 | 100.4 | 81.9 | 121.9 |

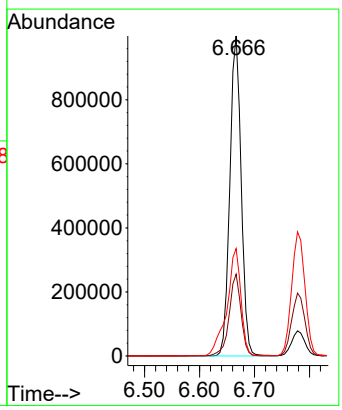


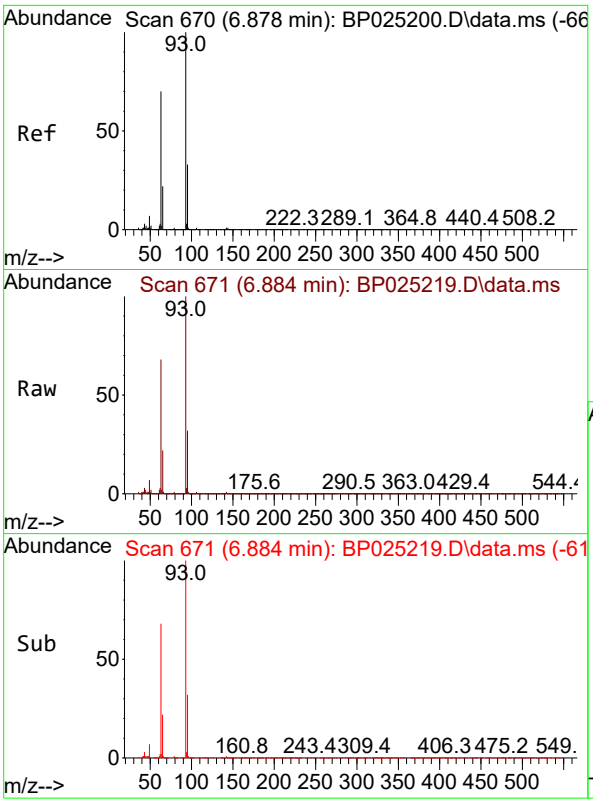




#10
Phenol
Concen: 40.446 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 94 Resp: 1433985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.5 | 5.4 | 45.4 |
| 66 | 33.6 | 13.5 | 53.5 |



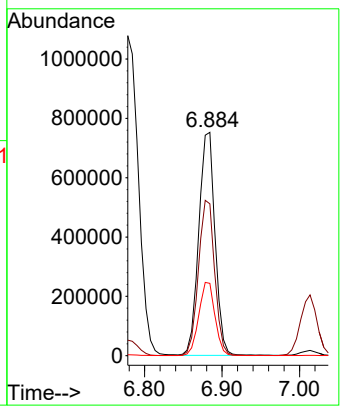


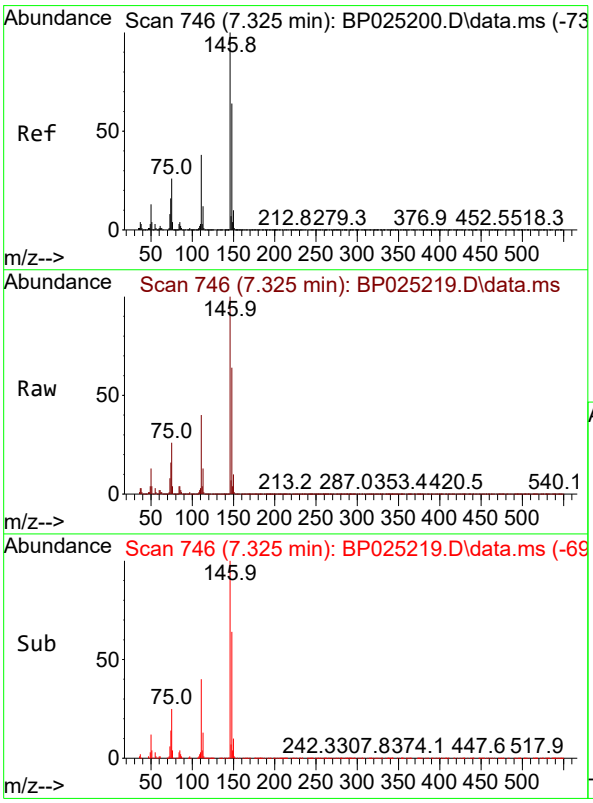

#11
bis(2-Chloroethyl)ether
Concen: 40.333 ng
RT: 6.884 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 1096307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.0 | 50.0 | 90.0 |
| 95 | 32.4 | 12.9 | 52.9 |

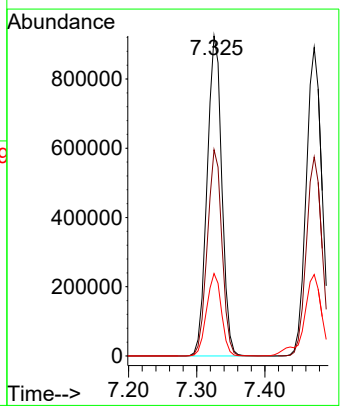


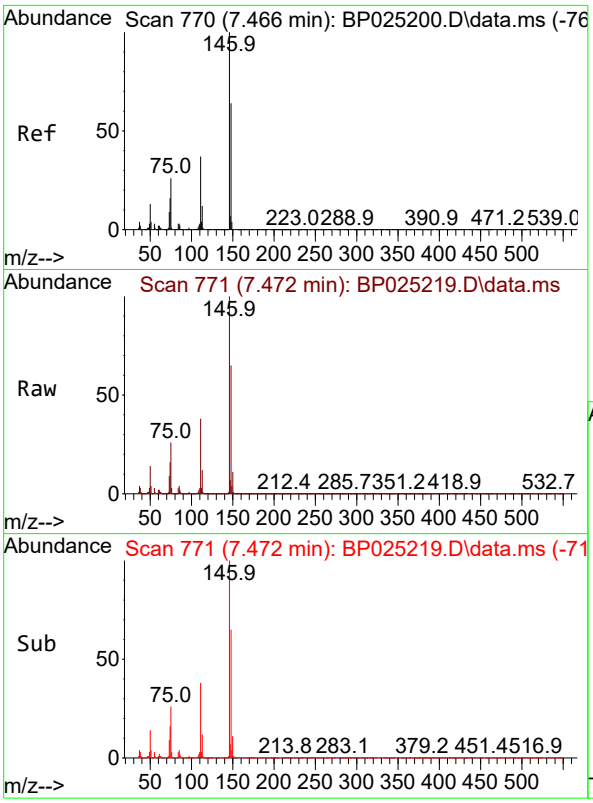




#12
1,3-Dichlorobenzene
Concen: 39.335 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1385370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 51.4 | 77.0 |
| 75 | 25.8 | 20.6 | 31.0 |



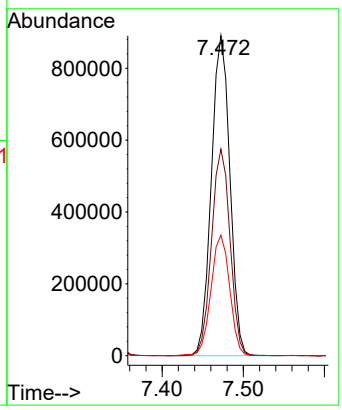


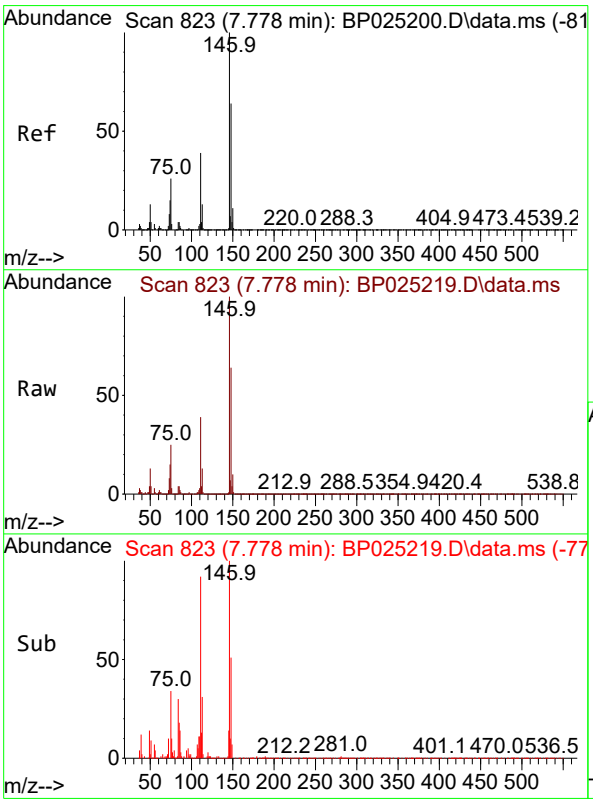

#13
1,4-Dichlorobenzene
Concen: 39.724 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 1412217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 51.4 | 77.2 |
| 111 | 37.6 | 29.9 | 44.9 |

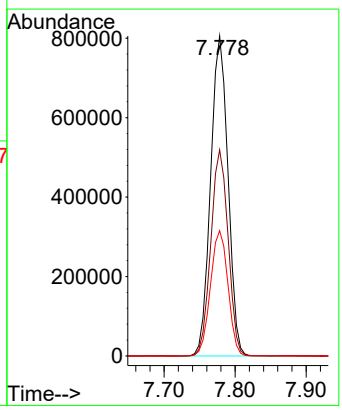


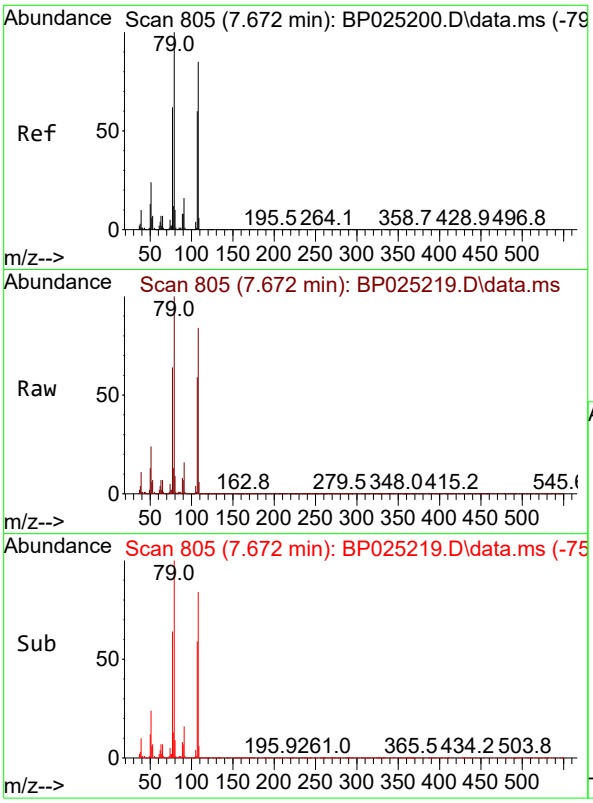




#14
1,2-Dichlorobenzene
Concen: 39.912 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:146 Resp: 1364981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.5 | 77.3 |
| 111 | 39.2 | 31.3 | 46.9 |



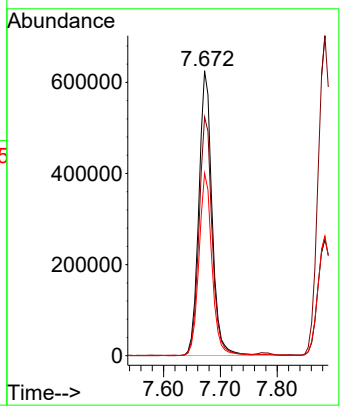


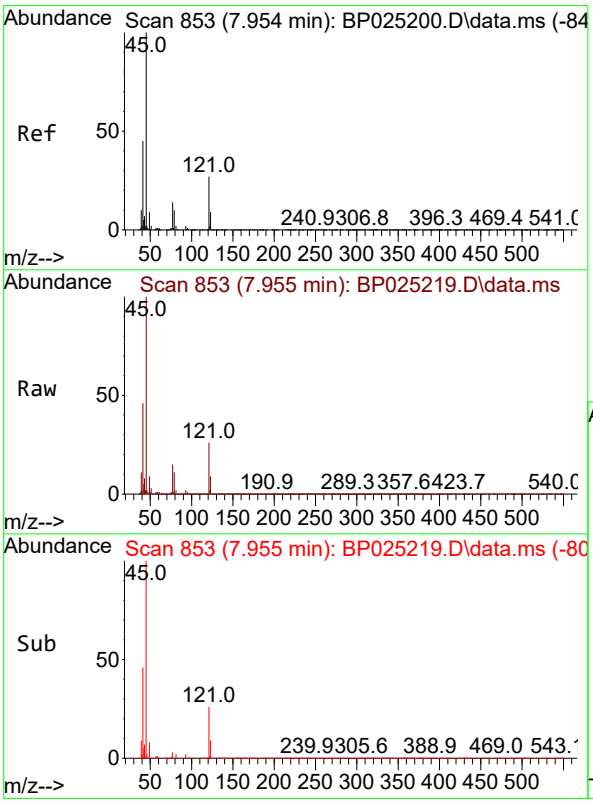

#15
Benzyl Alcohol
Concen: 40.898 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1008558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.8 | 67.8 | 101.6 |
| 77 | 64.0 | 49.9 | 74.9 |

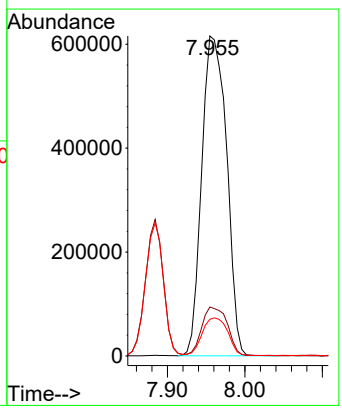


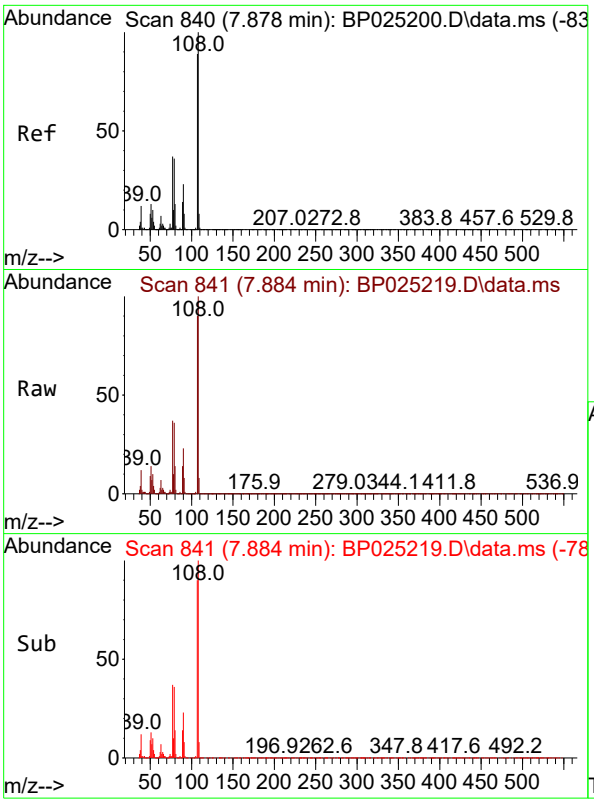




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 45 Resp: 1372323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.3 | 0.0 | 36.0 |
| 79 | 11.4 | 0.0 | 31.7 |



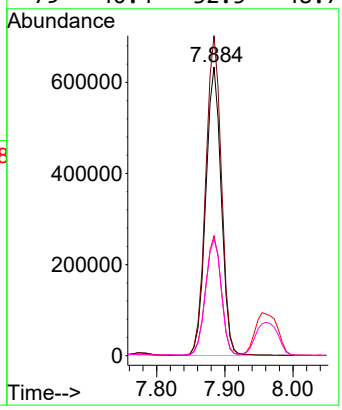


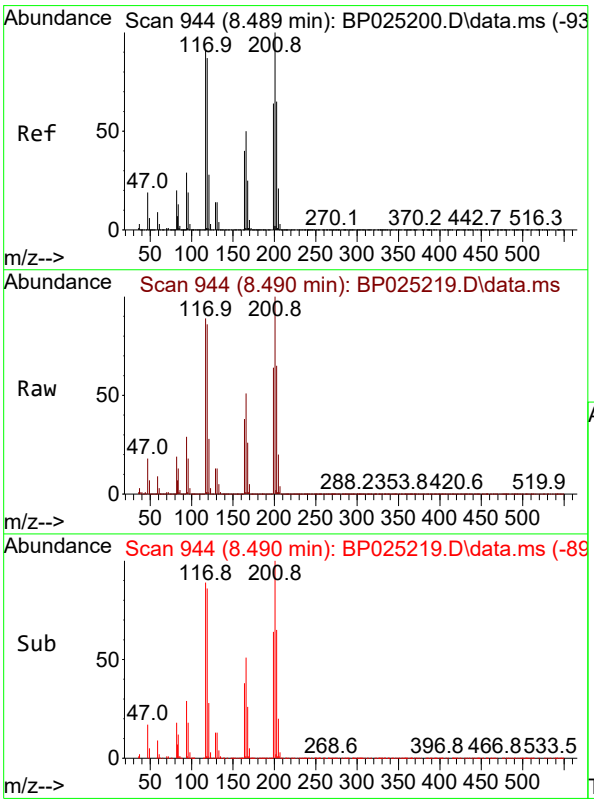

#17
2-Methylphenol
Concen: 40.716 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 1000788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 89.8 | 134.8 |
| 77 | 41.5 | 33.2 | 49.8 |
| 79 | 40.4 | 32.5 | 48.7 |

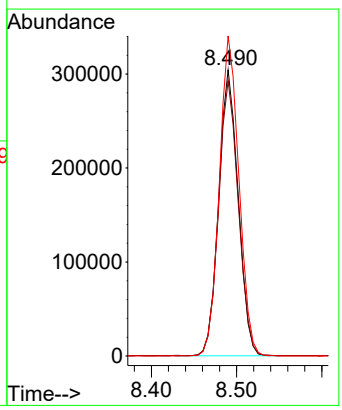


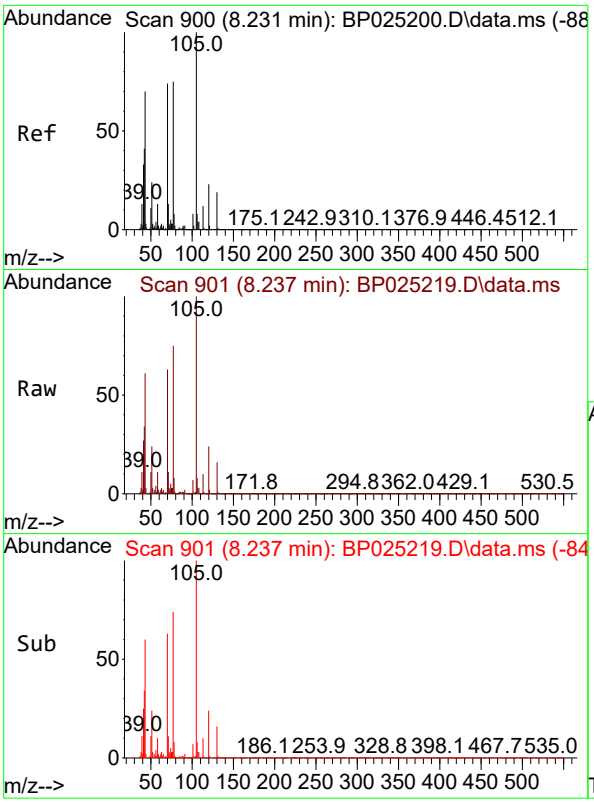




#18
Hexachloroethane
Concen: 39.625 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:117 Resp: 484449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 77.0 | 115.6 |
| 201 | 111.9 | 88.3 | 132.5 |



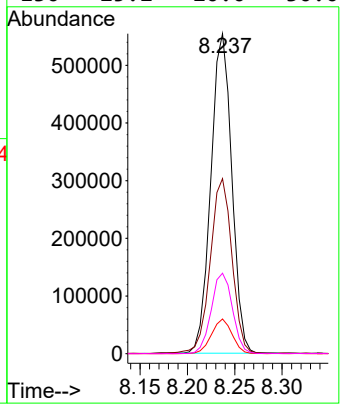


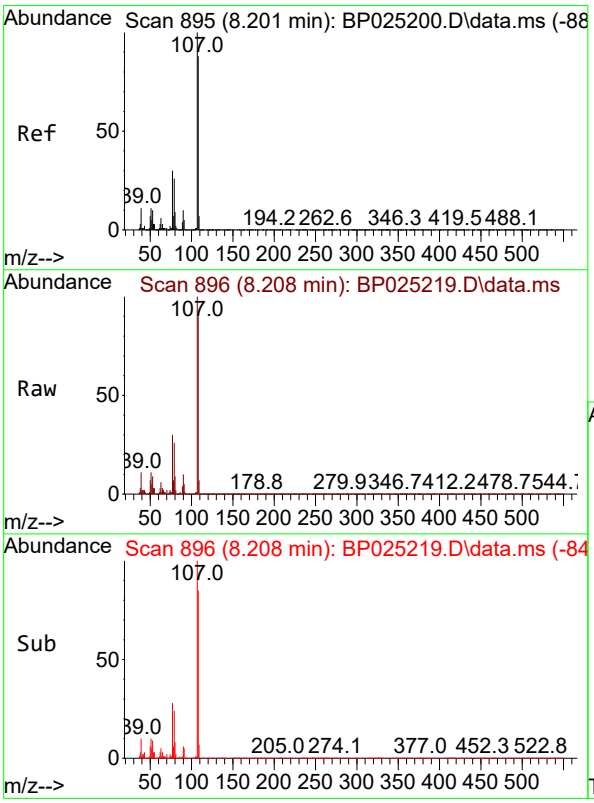

#19
n-Nitroso-di-n-propylamine
Concen: 41.403 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 851504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.7 | 44.2 | 66.2 |
| 101 | 10.9 | 8.6 | 12.8 |
| 130 | 25.2 | 20.0 | 30.0 |

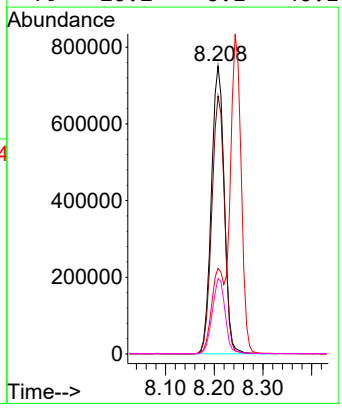


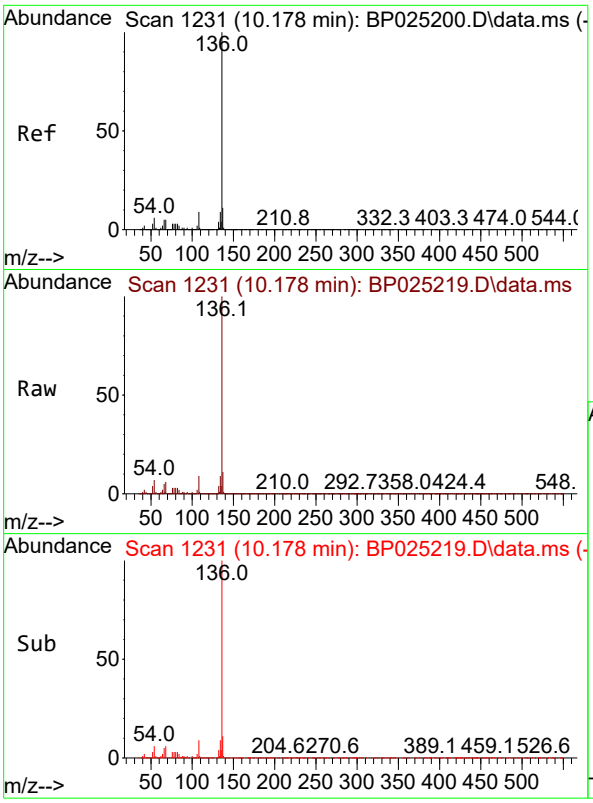




#20
3+4-Methylphenols
Concen: 40.863 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1370088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.6 | 67.8 | 107.8 |
| 77 | 29.7 | 10.3 | 50.3 |
| 79 | 26.2 | 6.1 | 46.1 |



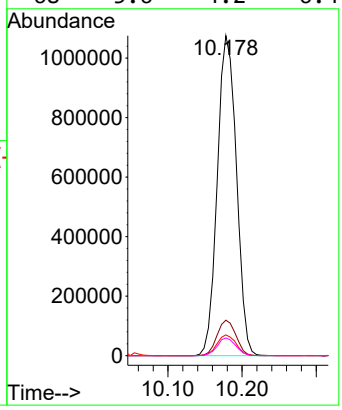


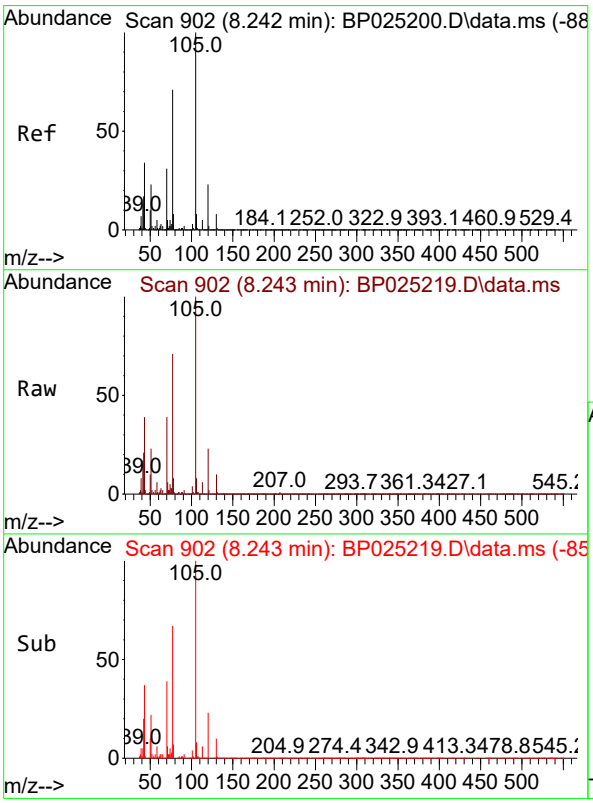

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 1926823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

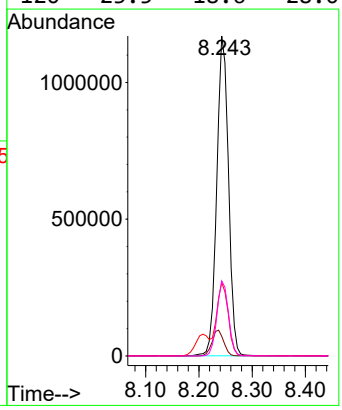


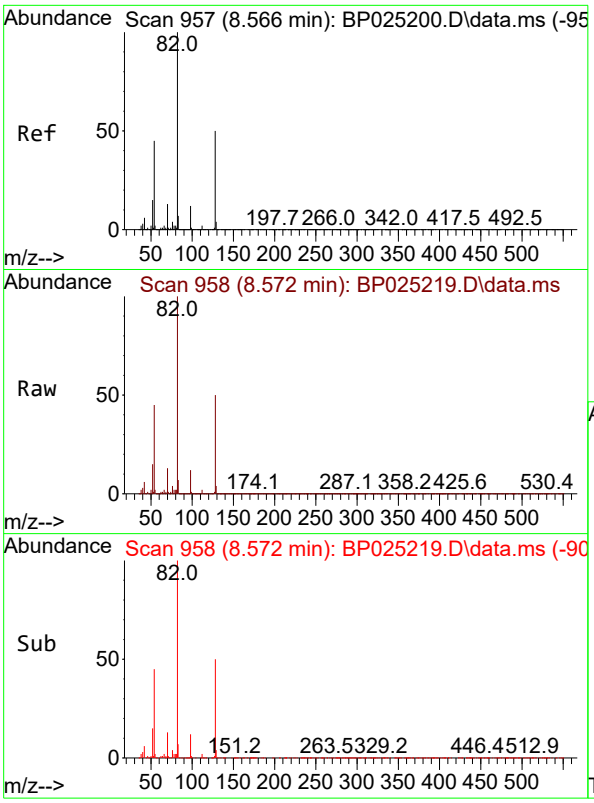




#22
Acetophenone
Concen: 39.833 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:105 Resp: 1785923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.1 | 4.1 | 6.1# |
| 51 | 23.0 | 18.5 | 27.7 |
| 120 | 23.5 | 18.6 | 28.0 |



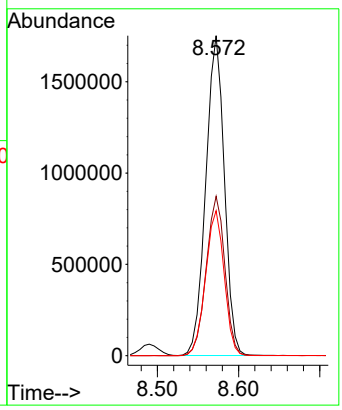


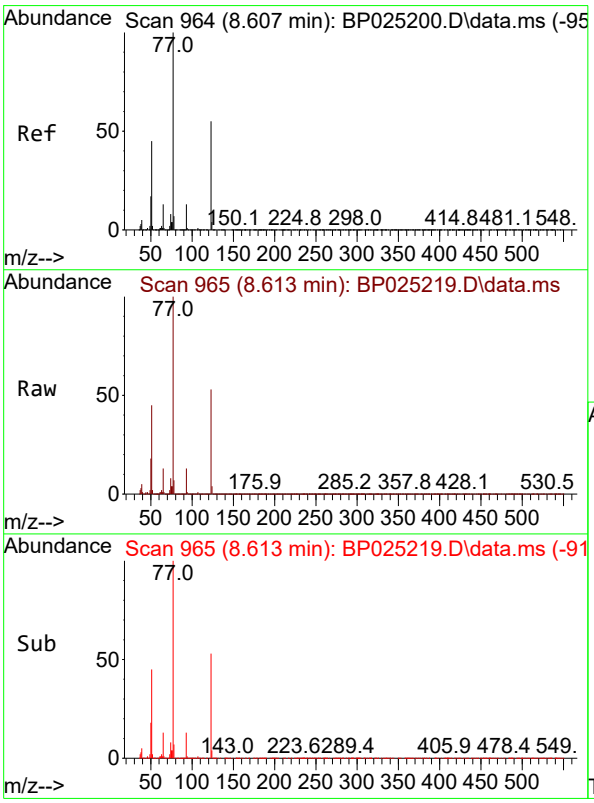

#23
Nitrobenzene-d5
Concen: 80.111 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 2777598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.8 | 40.2 | 60.4 |
| 54 | 45.3 | 36.3 | 54.5 |

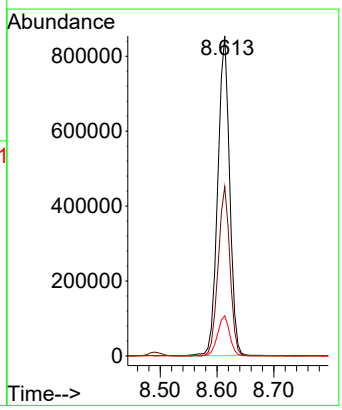


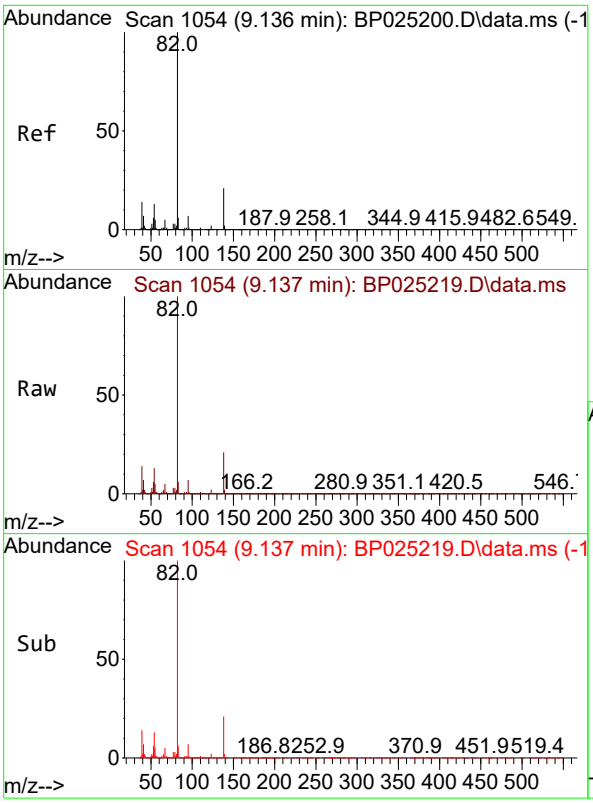




#24
Nitrobenzene
Concen: 40.088 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 77 Resp: 1239014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.9 | 43.6 | 65.4 |
| 65 | 12.5 | 10.2 | 15.2 |



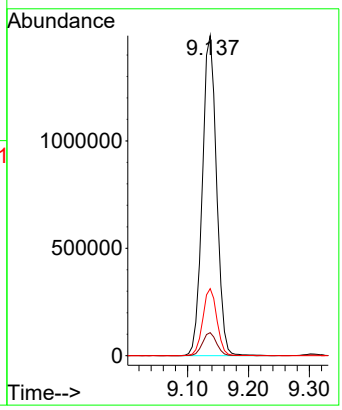


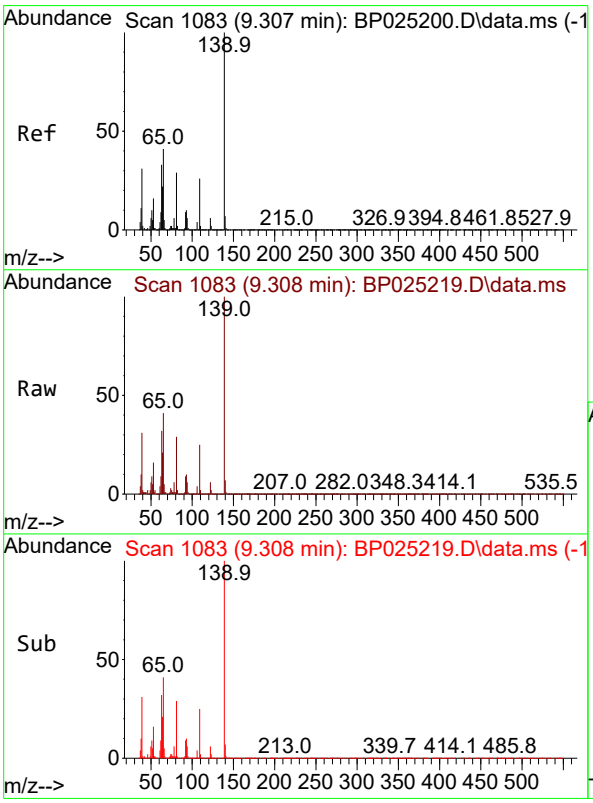

#25
Isophorone
Concen: 39.759 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 2424147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.6 | 8.4 |
| 138 | 20.9 | 16.6 | 25.0 |

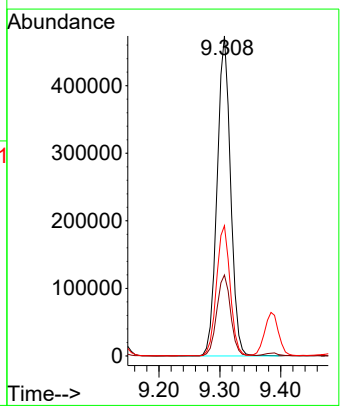


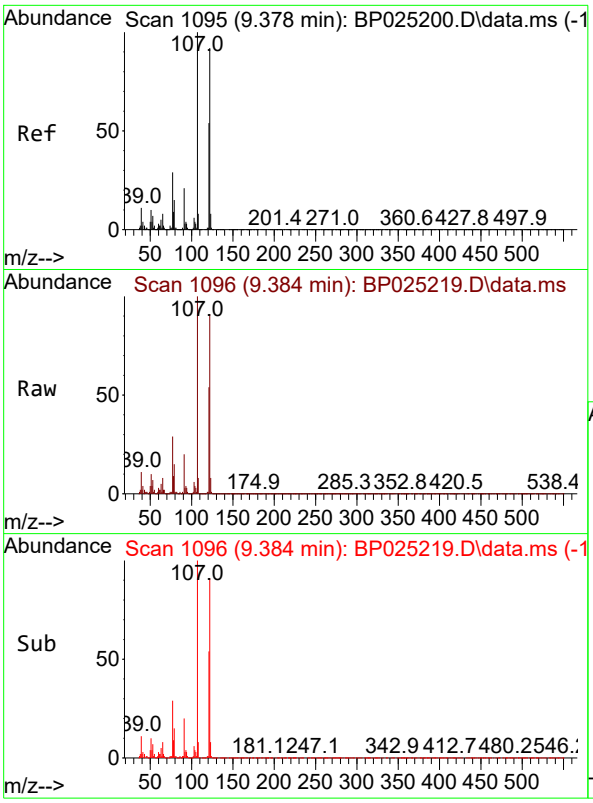




#26
2-Nitrophenol
Concen: 40.821 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 724511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.3 | 21.0 | 31.6 |
| 65 | 40.7 | 32.7 | 49.1 |



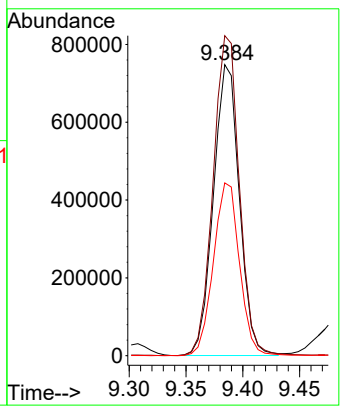


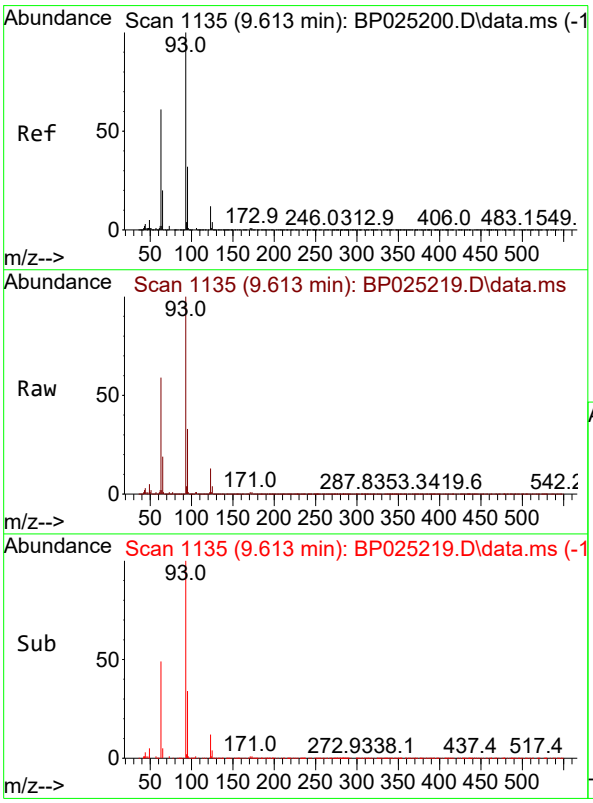

#27
2,4-Dimethylphenol
Concen: 40.011 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 1188270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.0 | 87.0 | 130.4 |
| 121 | 59.4 | 46.7 | 70.1 |

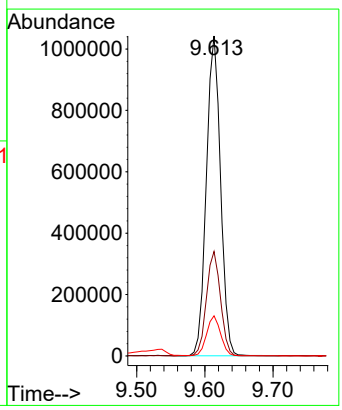


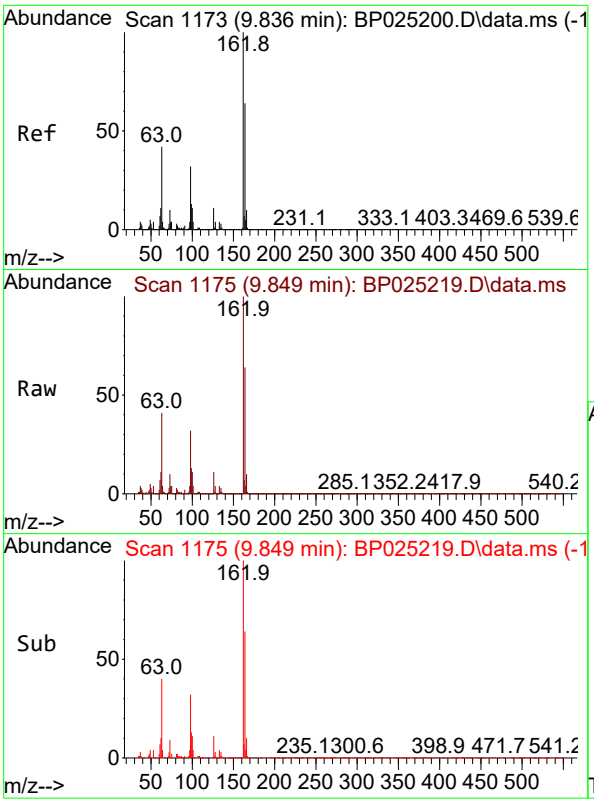




#28
bis(2-Chloroethoxy)methane
Concen: 39.596 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 93 Resp: 1510070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 12.6 | 9.8 | 14.6 |



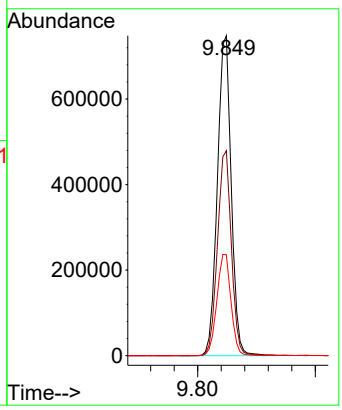


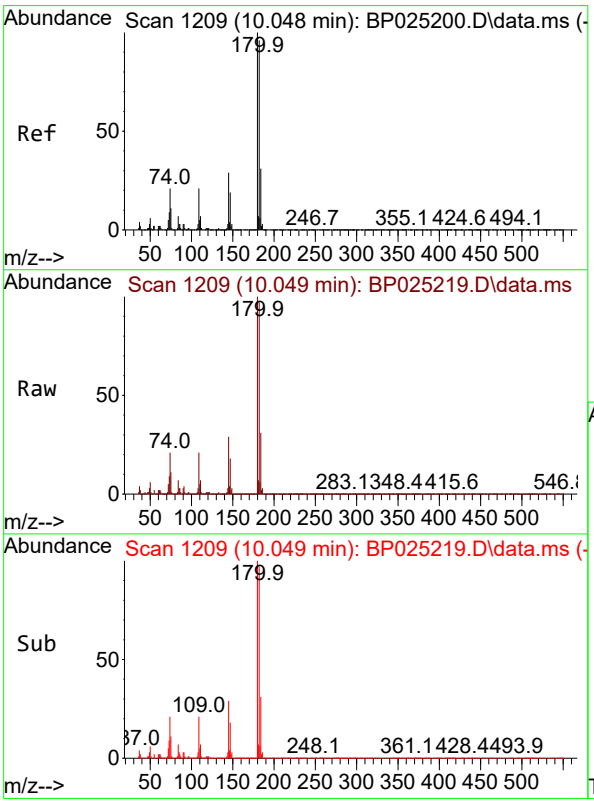

#29
2,4-Dichlorophenol
Concen: 40.108 ng
RT: 9.849 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 1223755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.0 | 44.2 | 84.2 |
| 98 | 31.6 | 11.7 | 51.7 |

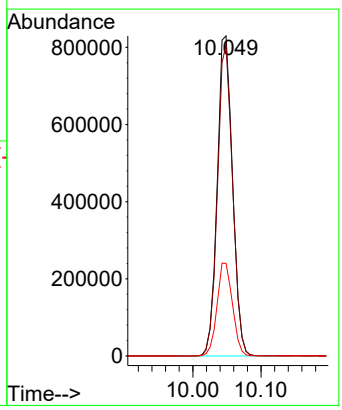


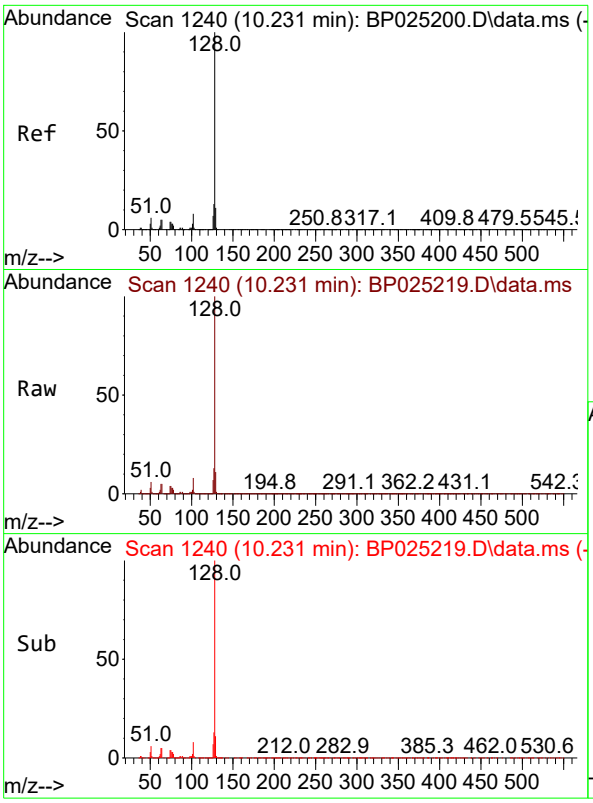




#30
1,2,4-Trichlorobenzene
Concen: 38.895 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:180 Resp: 1296178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.2 | 76.7 | 115.1 |
| 145 | 28.9 | 23.5 | 35.3 |



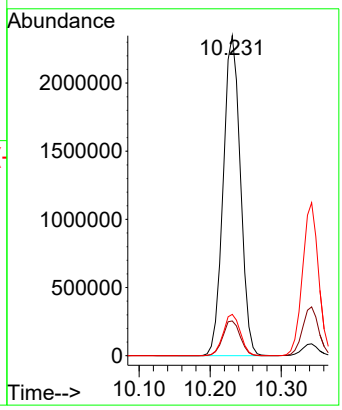


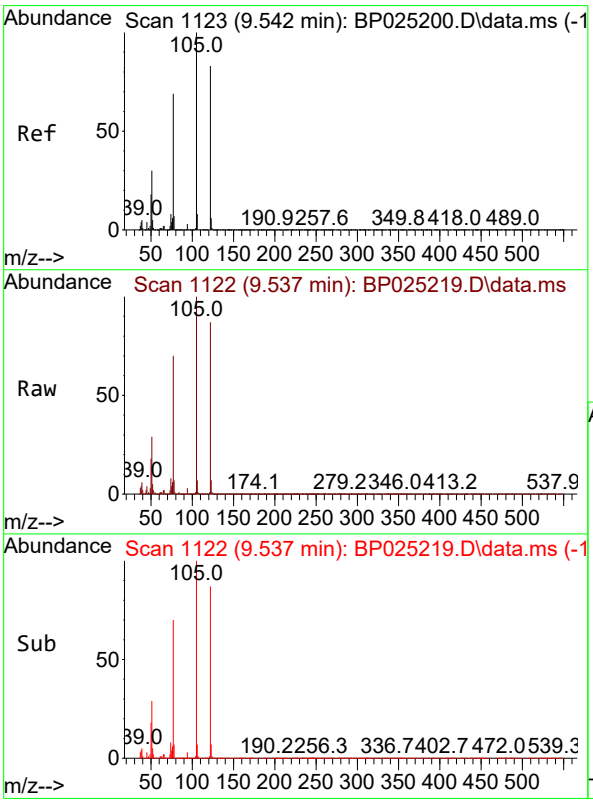

#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 3930225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.4 |
| 127 | 12.9 | 10.4 | 15.6 |

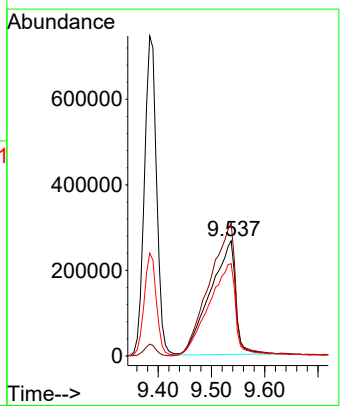


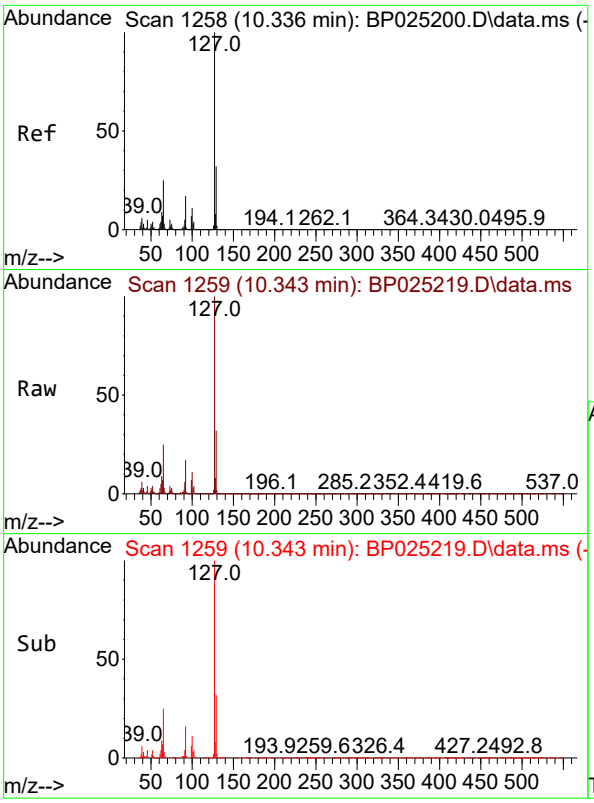




#32
Benzoic acid
Concen: 38.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:122 Resp: 872453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.1 | 98.1 | 138.1 |
| 77 | 80.1 | 62.7 | 102.7 |



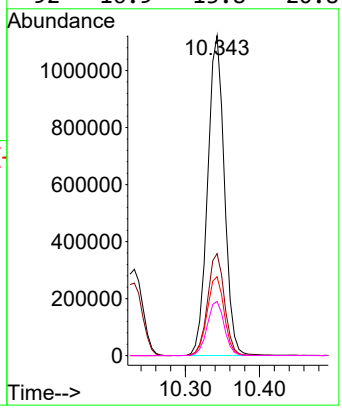


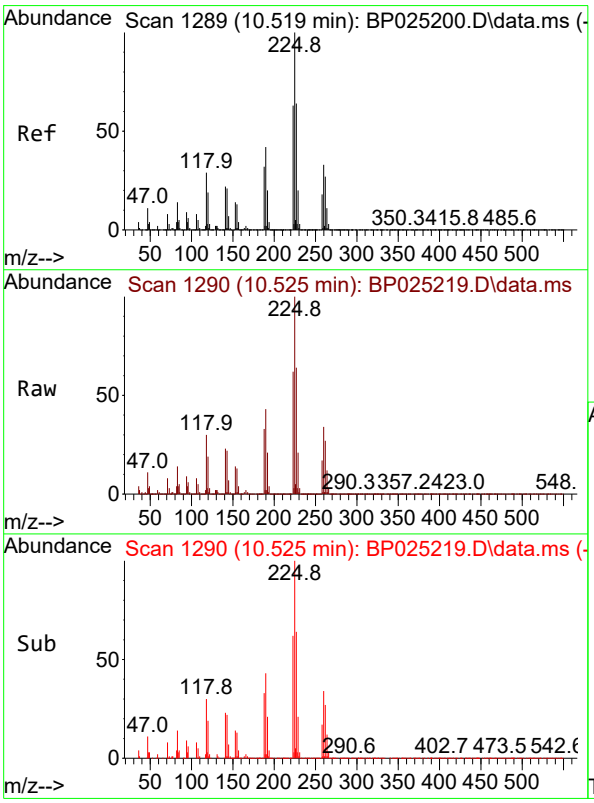

#33
4-Chloroaniline
Concen: 40.557 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 1757797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.9 | 25.9 | 38.9 |
| 65 | 24.7 | 20.2 | 30.4 |
| 92 | 16.9 | 13.8 | 20.8 |

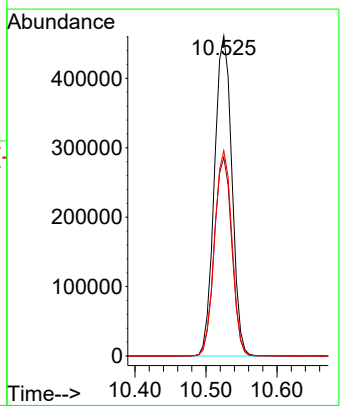


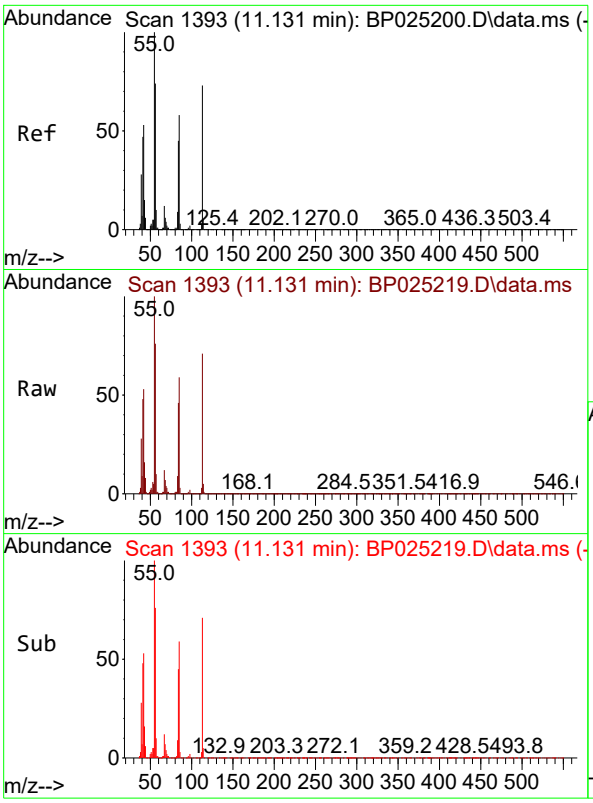




#34
Hexachlorobutadiene
Concen: 39.076 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:225 Resp: 783786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 50.1 | 75.1 |
| 227 | 64.2 | 51.4 | 77.0 |



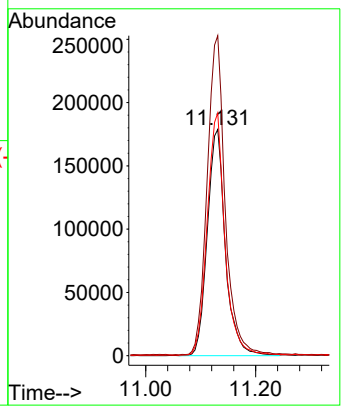


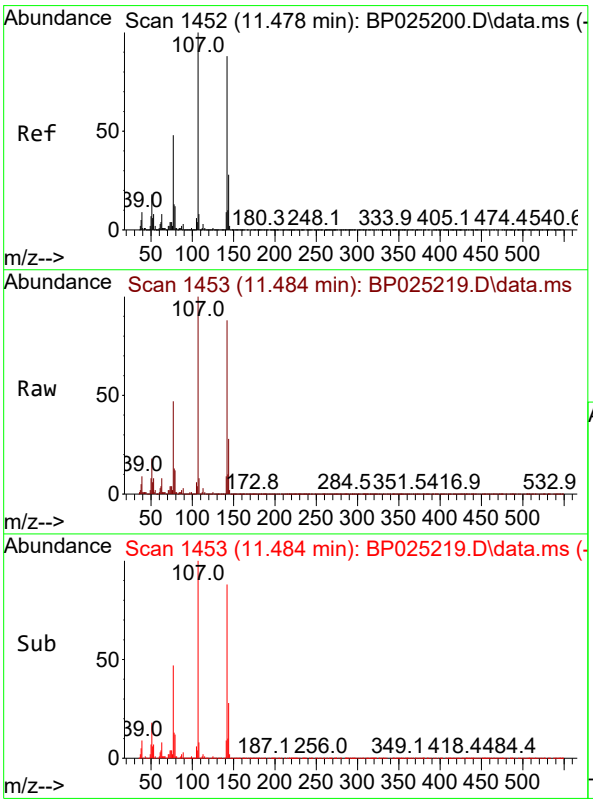

#35
Caprolactam
Concen: 40.170 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 406774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 141.5 | 117.6 | 157.6 |
| 56 | 107.3 | 82.4 | 122.4 |

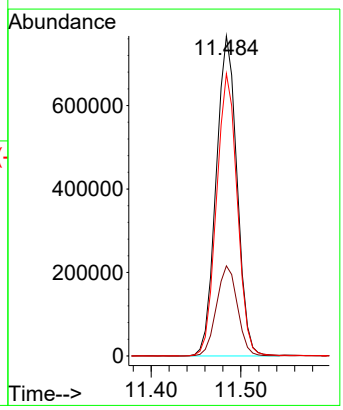


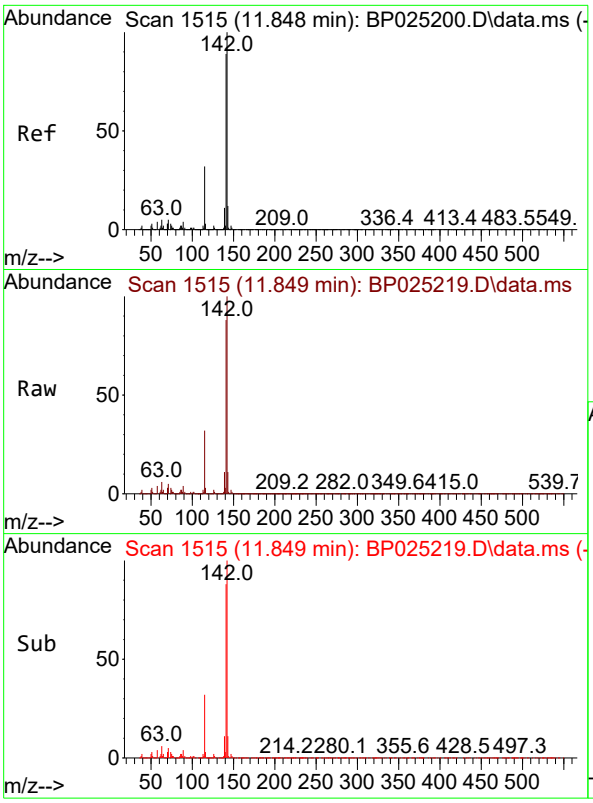




#36
4-Chloro-3-methylphenol
Concen: 40.618 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:107 Resp: 1238843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.2 | 22.5 | 33.7 |
| 142 | 88.2 | 70.6 | 105.8 |



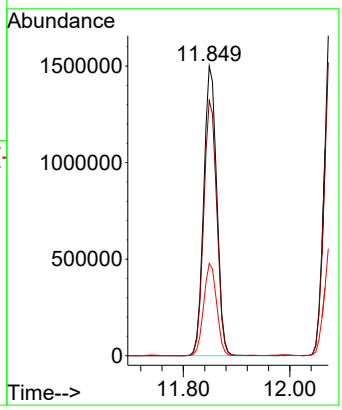


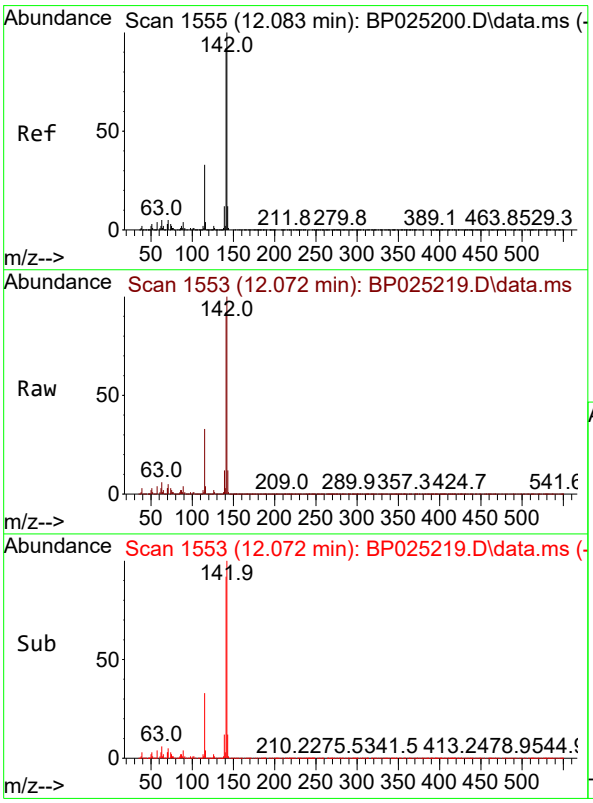

#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 11.849 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 2540259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.2 | 106.8 |
| 115 | 31.8 | 25.3 | 37.9 |

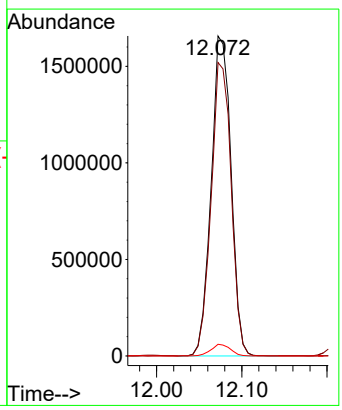


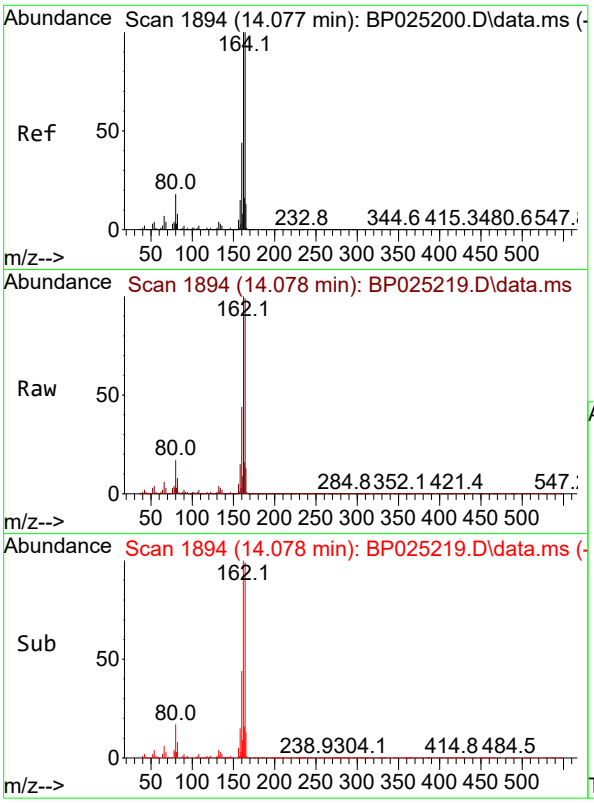




#38
1-Methylnaphthalene
Concen: 39.968 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:142 Resp: 2687973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.7 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |



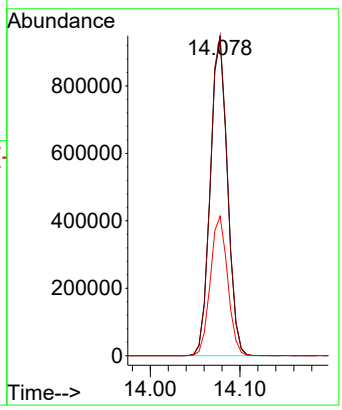


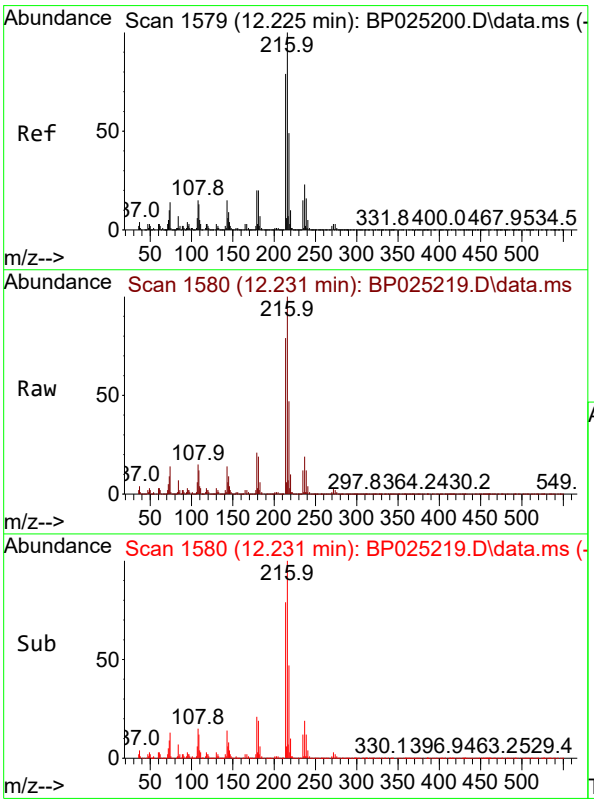

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 1245962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |

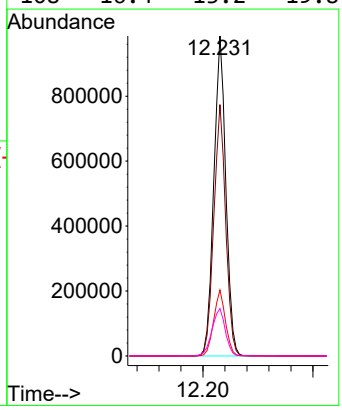


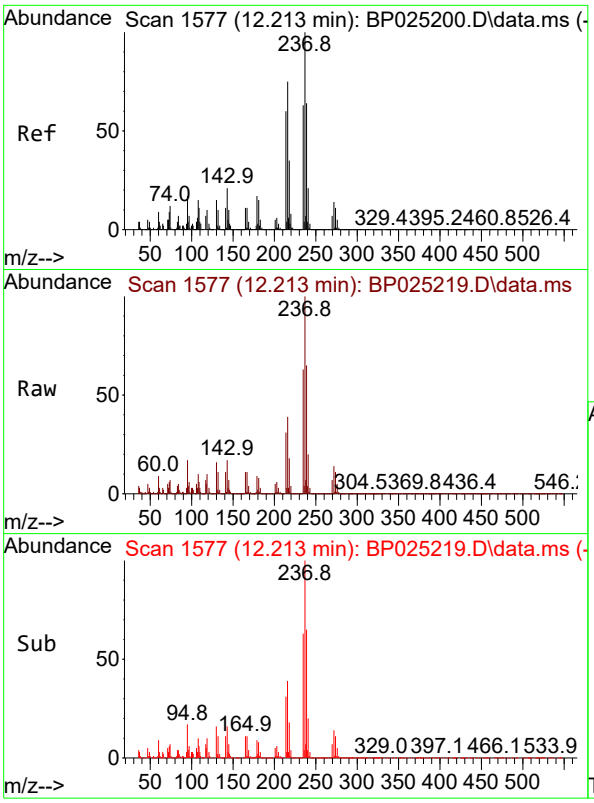




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.944 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:216 Resp: 1491819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.9 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 16.4 | 13.2 | 19.8 |



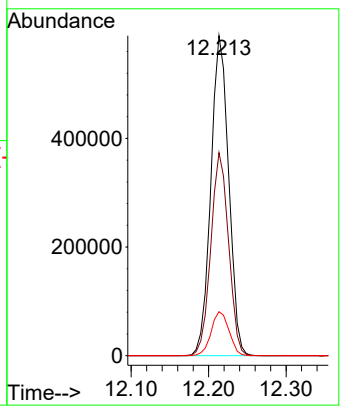


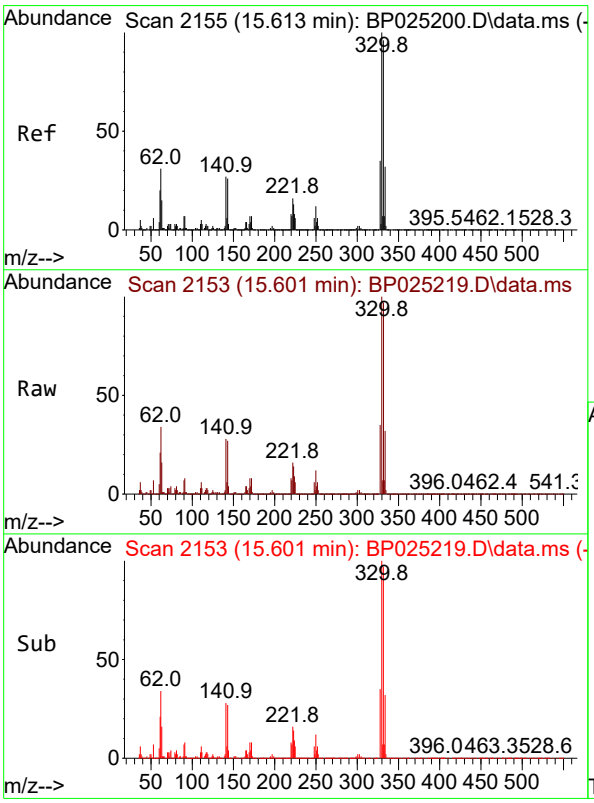

#41
Hexachlorocyclopentadiene
Concen: 42.194 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 940689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 42.7 | 82.7 |
| 272 | 13.7 | 0.0 | 33.6 |

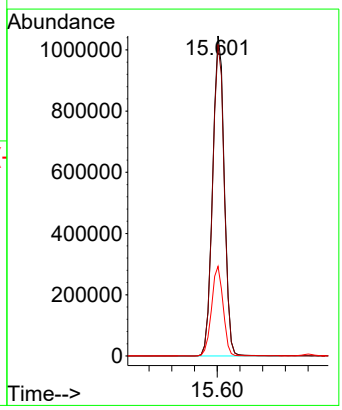


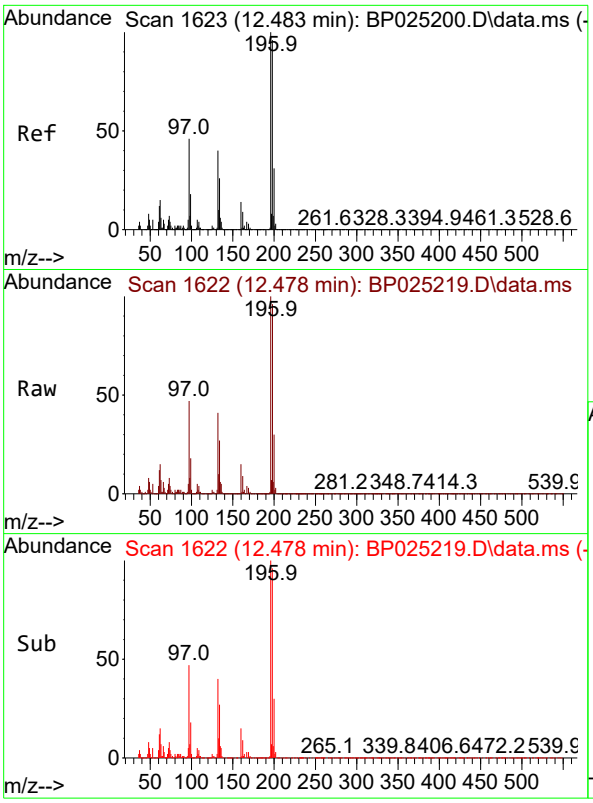




#42
2,4,6-Tribromophenol
Concen: 80.568 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:330 Resp: 1479896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 77.1 | 115.7 |
| 141 | 27.8 | 22.4 | 33.6 |



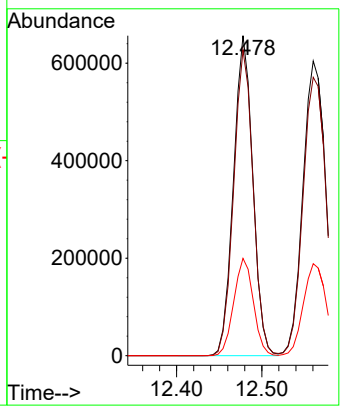


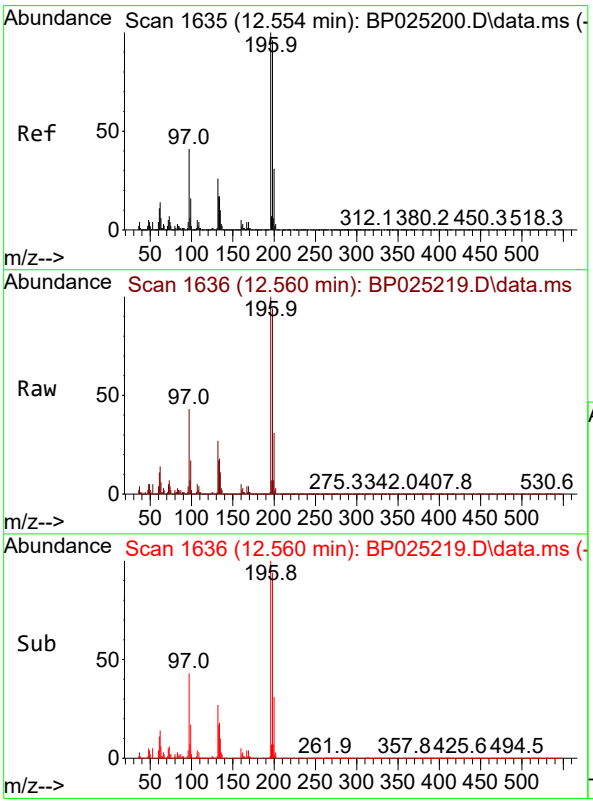

#43
2,4,6-Trichlorophenol
Concen: 40.592 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 1035854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 76.6 | 114.8 |
| 200 | 30.4 | 24.7 | 37.1 |

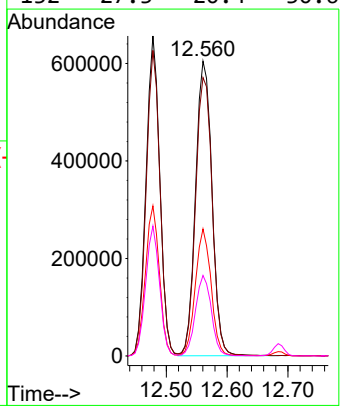


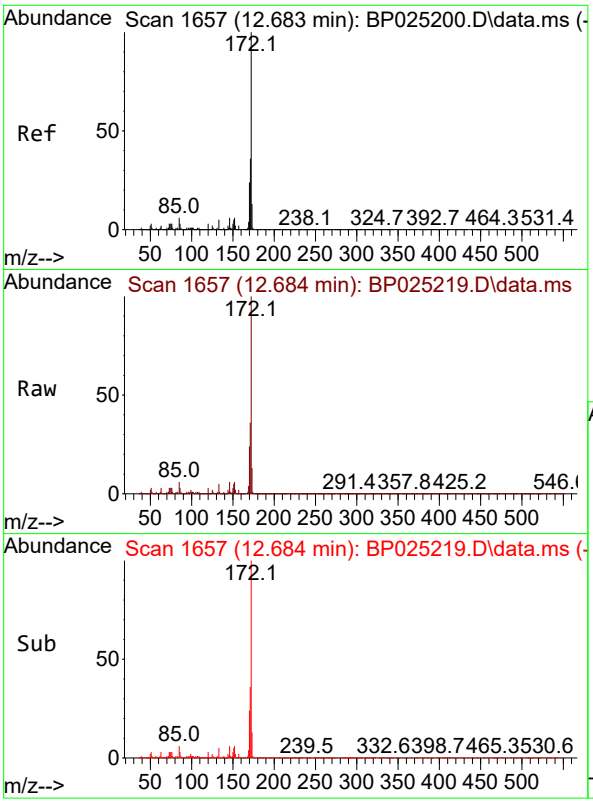




#44
2,4,5-Trichlorophenol
Concen: 40.380 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:196 Resp: 1133949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 76.7 | 115.1 |
| 97 | 43.1 | 33.0 | 49.4 |
| 132 | 27.3 | 20.4 | 30.6 |



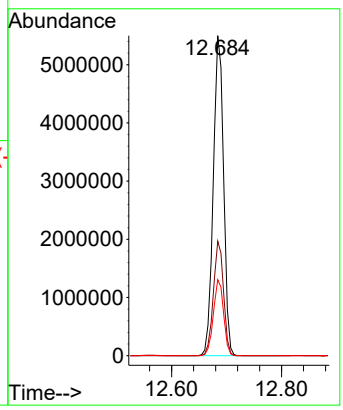


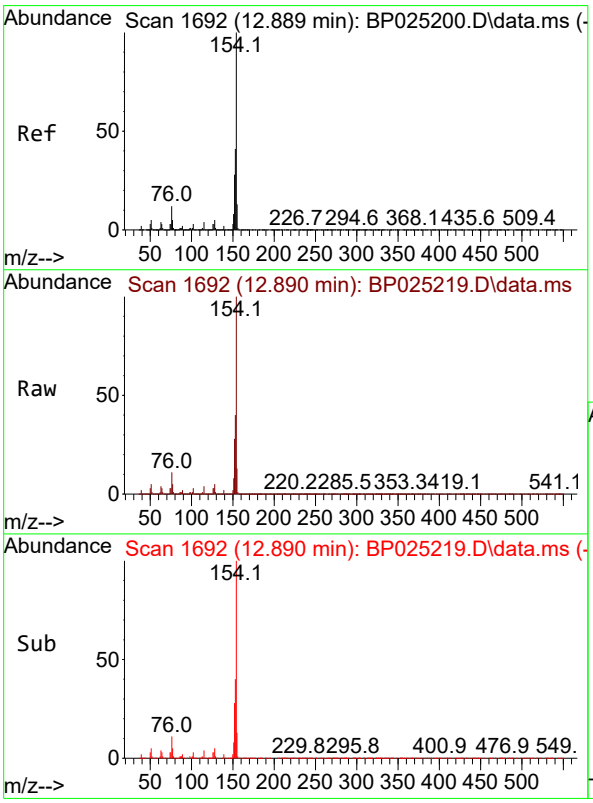

#45
2-Fluorobiphenyl
Concen: 81.023 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 7160639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.8 | 43.2 |
| 170 | 23.7 | 19.2 | 28.8 |

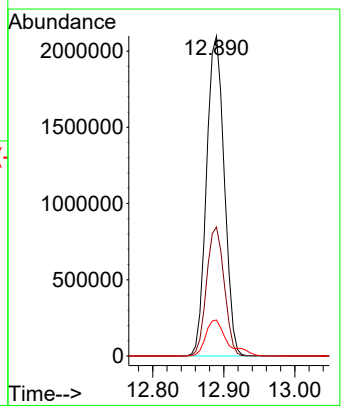


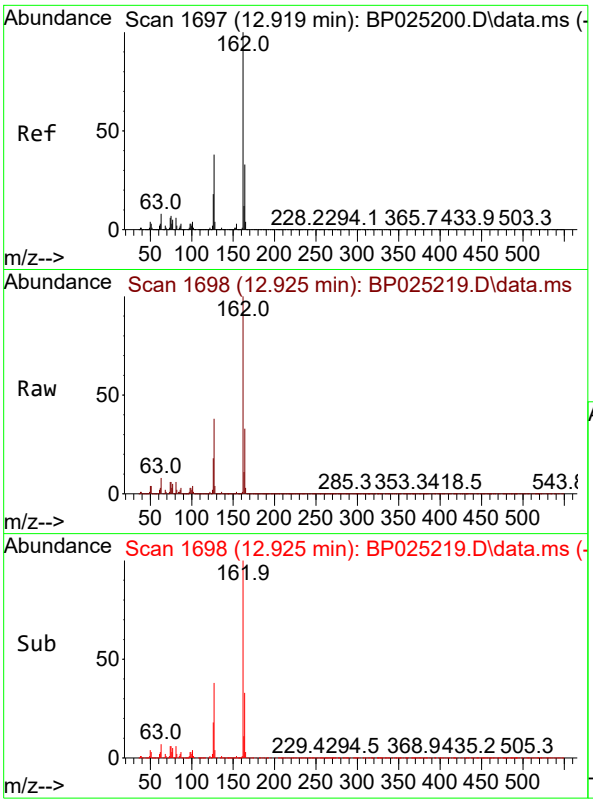




#46
1,1'-Biphenyl
Concen: 40.278 ng
RT: 12.890 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 3638037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.8 | 60.8 |
| 76 | 11.2 | 0.0 | 31.6 |



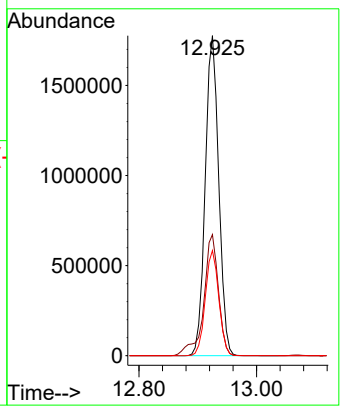


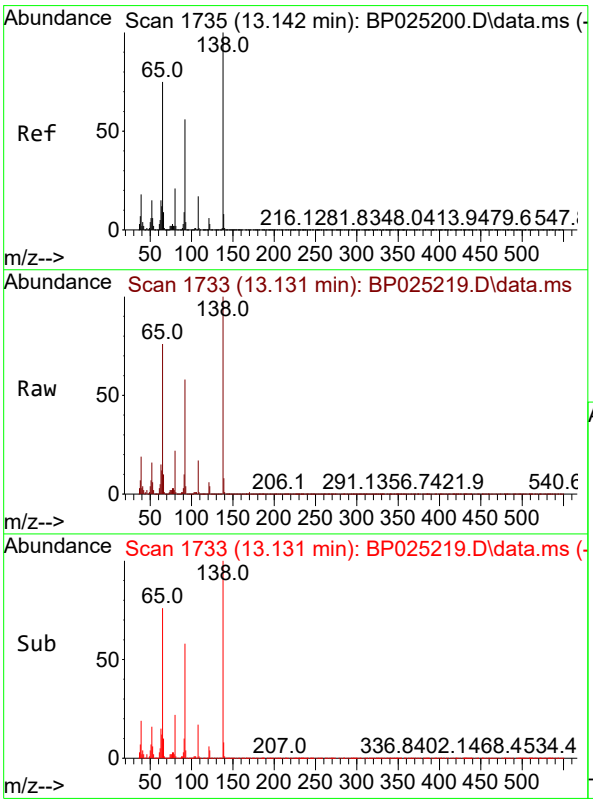

#47
2-Chloronaphthalene
Concen: 40.098 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 2827609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.1 | 45.1 |
| 164 | 32.9 | 26.5 | 39.7 |

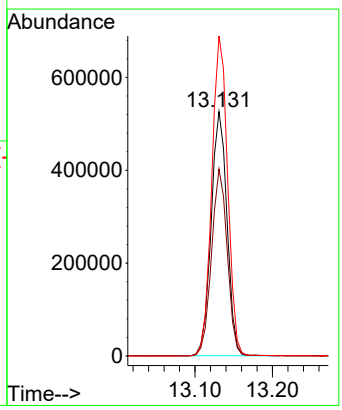


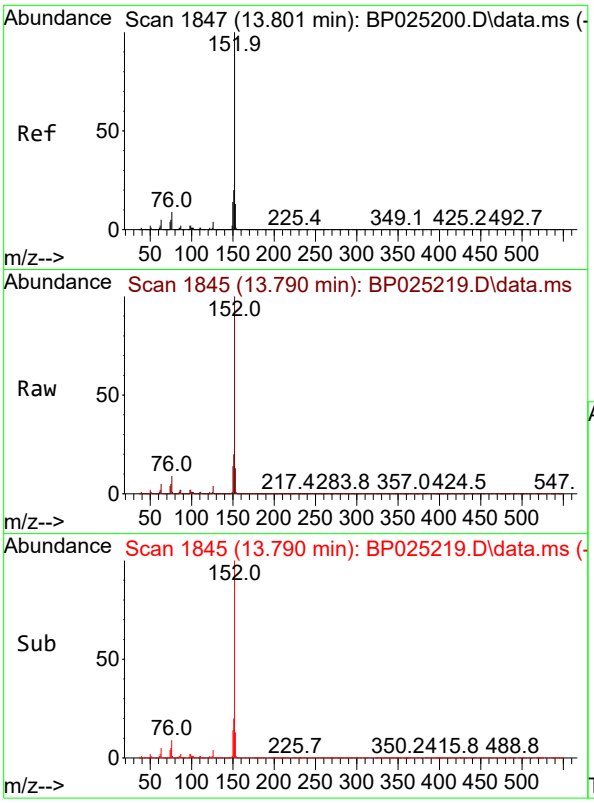




#48
2-Nitroaniline
Concen: 41.473 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion: 65 Resp: 746854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.6 | 59.9 | 89.9 |
| 138 | 131.0 | 107.1 | 160.7 |



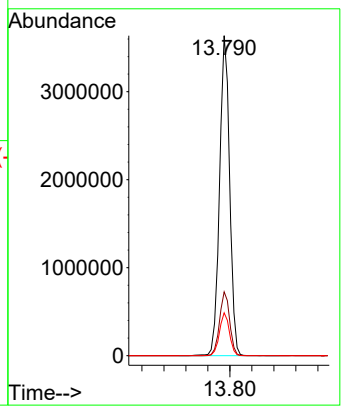


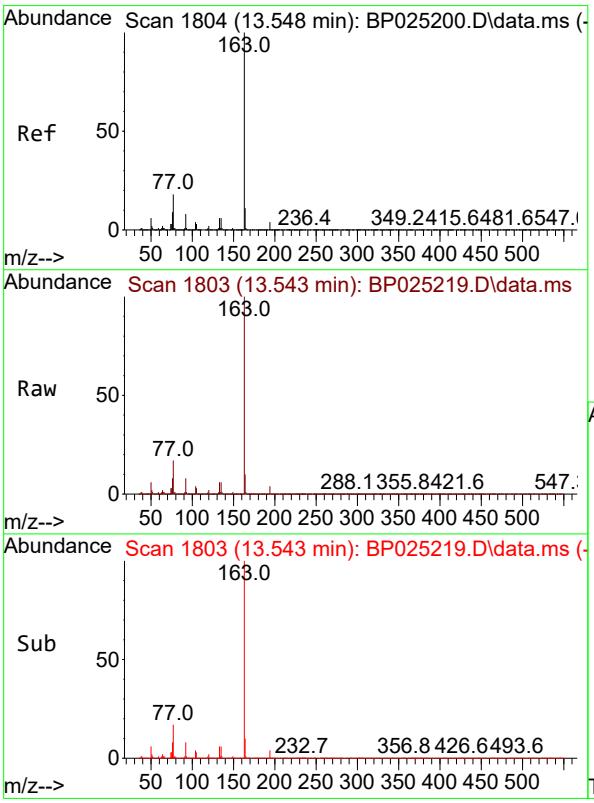

#49
Acenaphthylene
Concen: 40.533 ng
RT: 13.790 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 4622988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 15.8 |

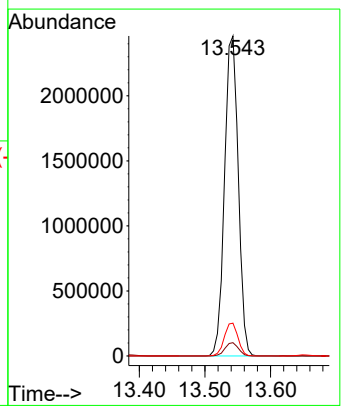


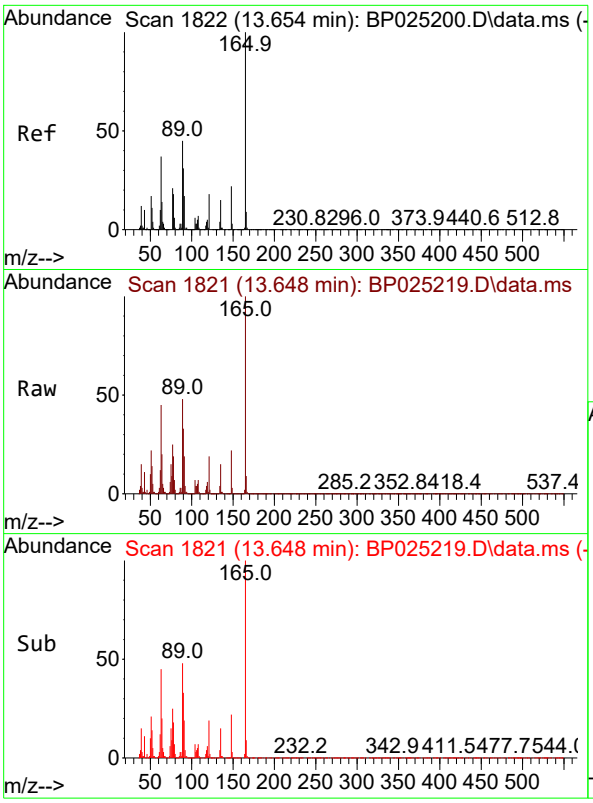




#50
Dimethylphthalate
Concen: 39.945 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:163 Resp: 3559355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.3 | 8.5 | 12.7 |



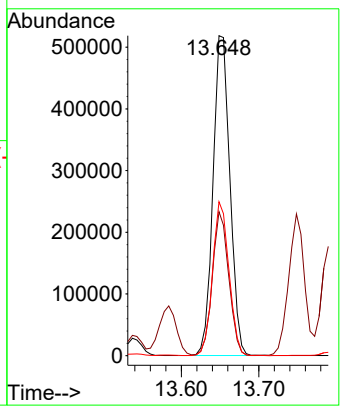


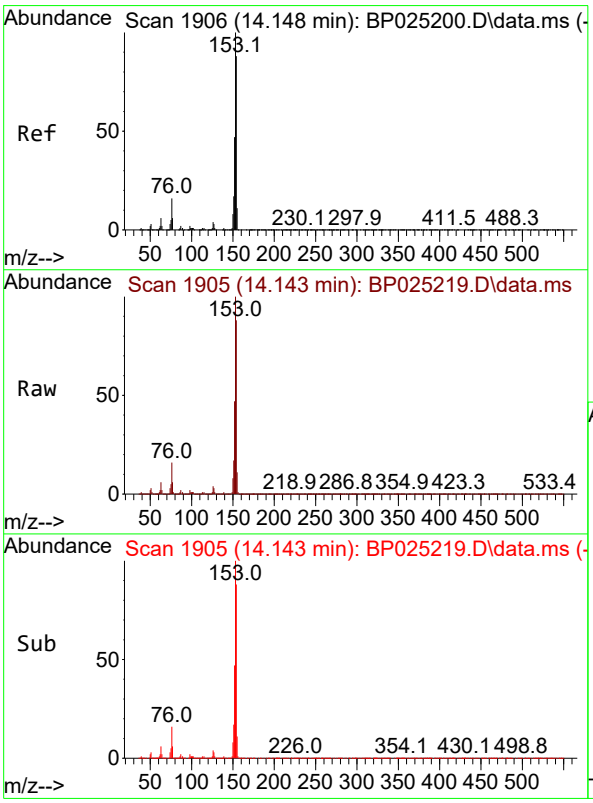

#51
2,6-Dinitrotoluene
Concen: 40.513 ng
RT: 13.648 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 784404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.0 | 33.4 | 50.2 |
| 89 | 48.1 | 36.3 | 54.5 |

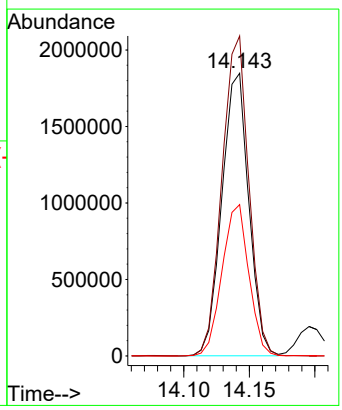


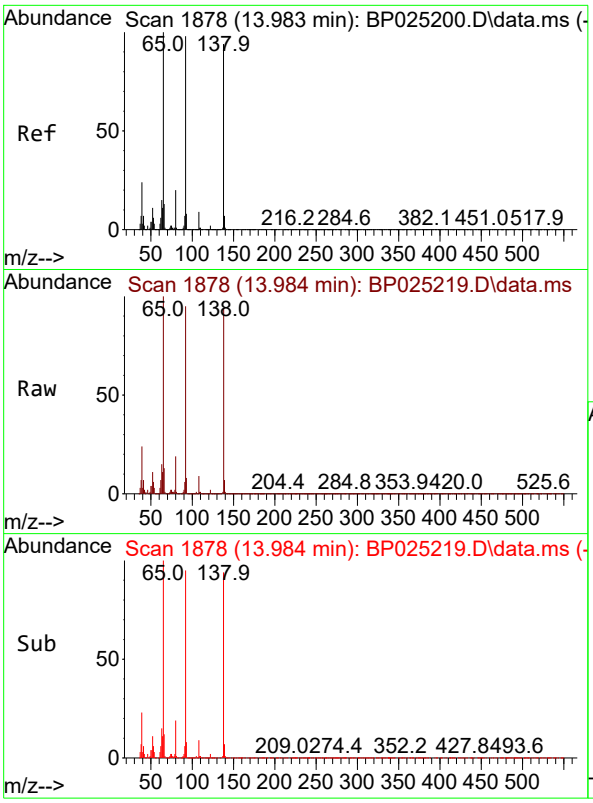




#52
Acenaphthene
Concen: 40.018 ng
RT: 14.143 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:154 Resp: 2639356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.7 | 136.1 |
| 152 | 53.5 | 42.9 | 64.3 |



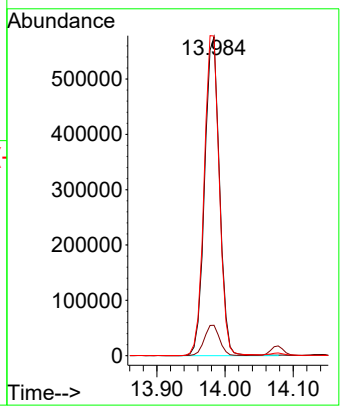


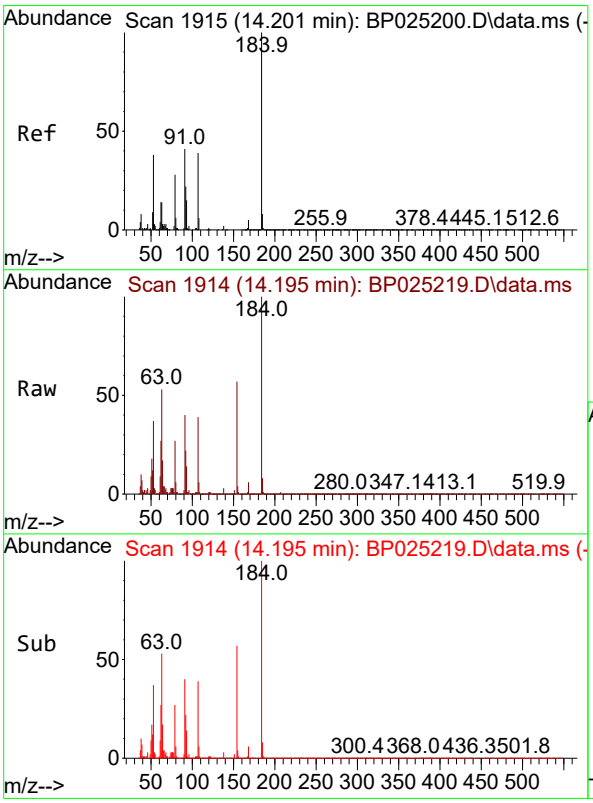

#53
3-Nitroaniline
Concen: 40.071 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 874904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.5 | 7.5 | 11.3 |
| 92 | 100.3 | 83.2 | 124.8 |

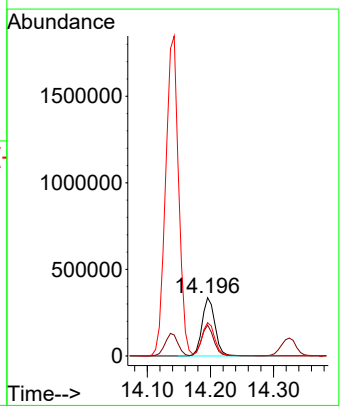


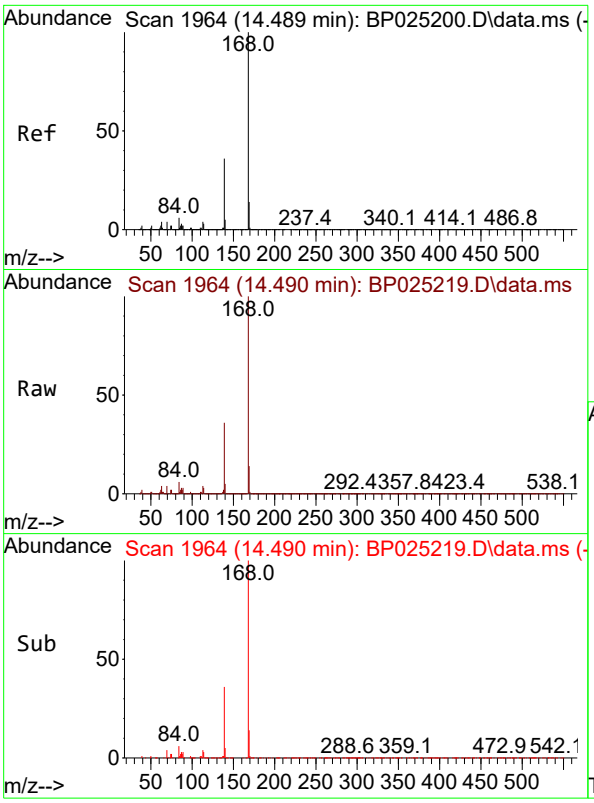




#54
2,4-Dinitrophenol
Concen: 41.472 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:184 Resp: 475756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 53.0 | 41.8 | 62.8 |
| 154 | 57.1 | 45.7 | 68.5 |



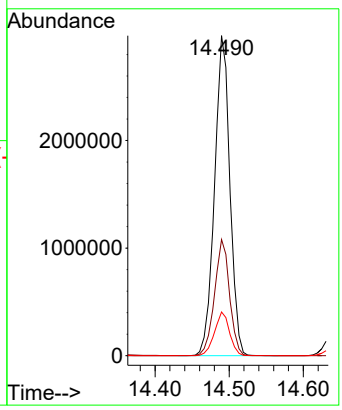


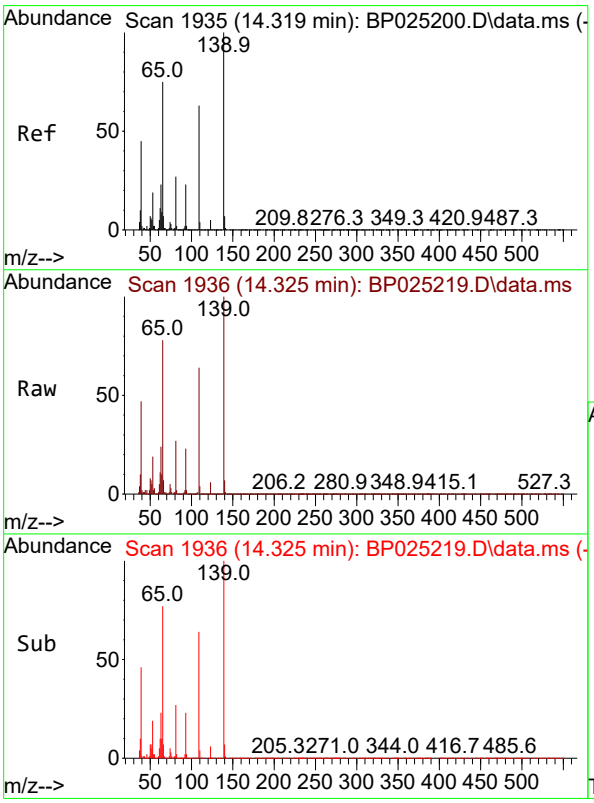

#55
Dibenzofuran
Concen: 40.066 ng
RT: 14.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 4268397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.3 | 28.7 | 43.1 |
| 169 | 13.7 | 10.9 | 16.3 |

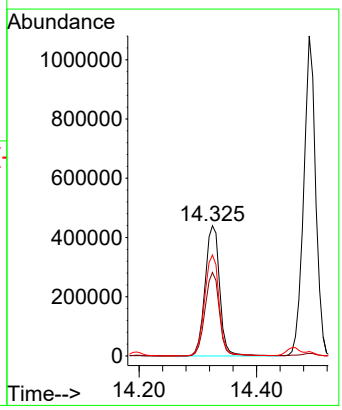


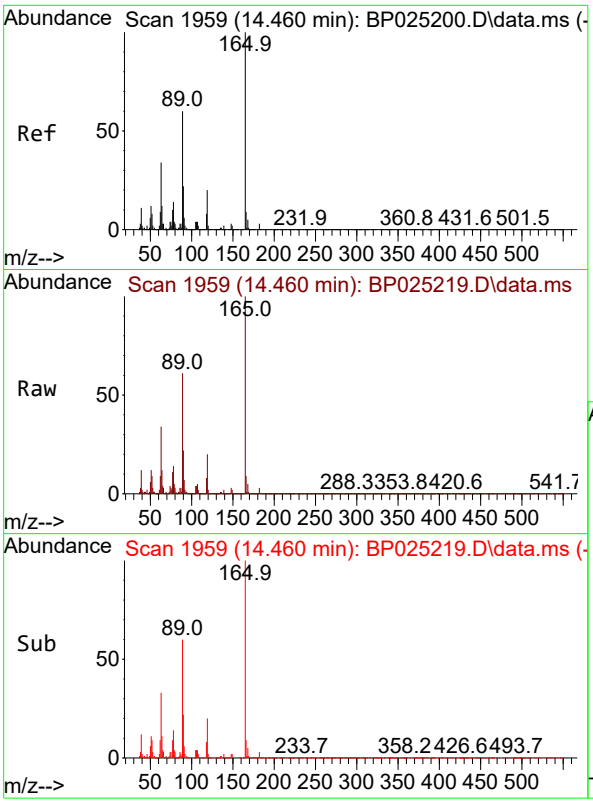




#56
4-Nitrophenol
Concen: 40.436 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:139 Resp: 755490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.1 | 42.6 | 82.6 |
| 65 | 77.5 | 55.4 | 95.4 |



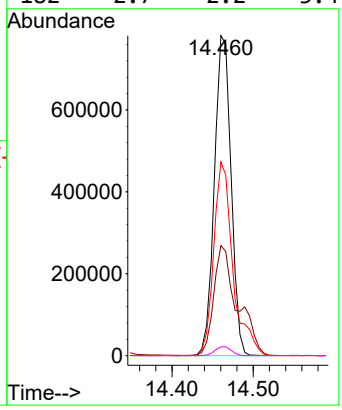


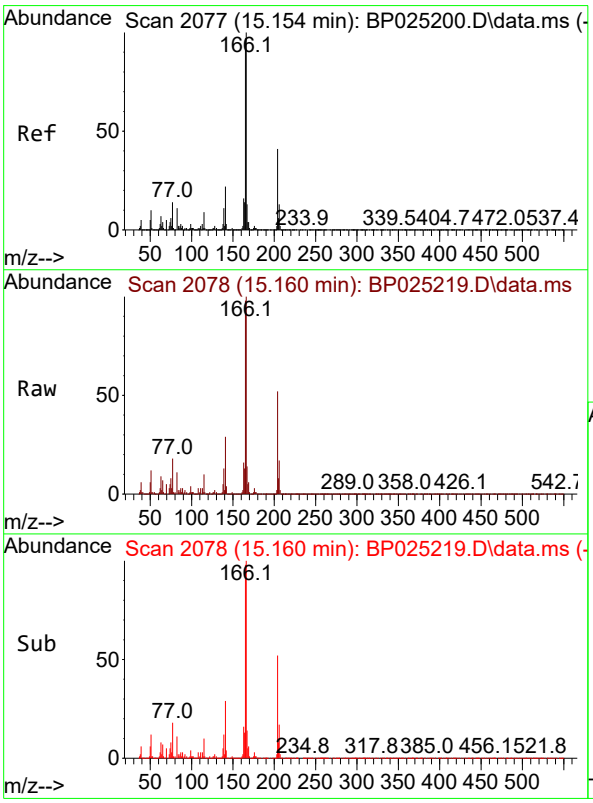

#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 1117080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.4 | 27.0 | 40.4 |
| 89 | 60.5 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |

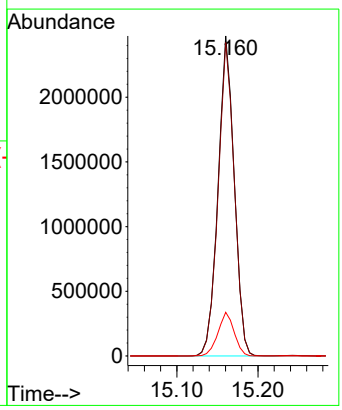


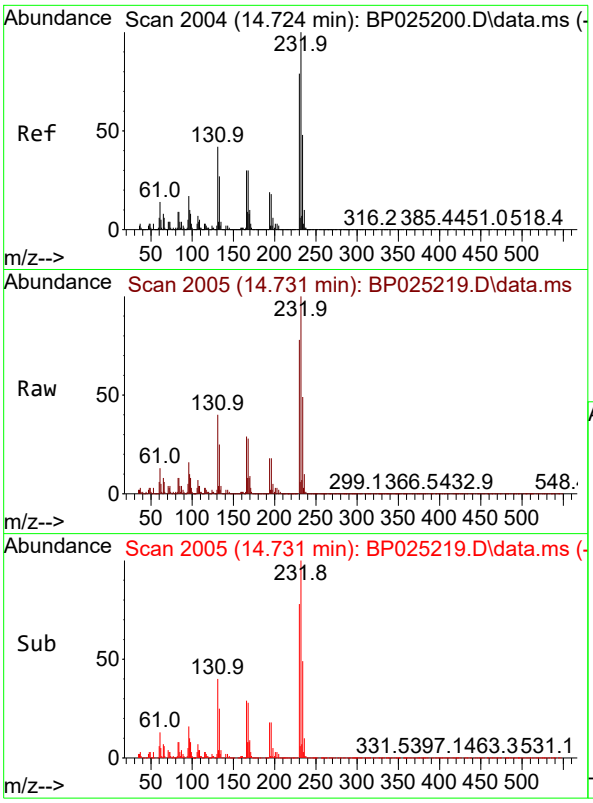




#58
Fluorene
Concen: 40.579 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:166 Resp: 3432050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



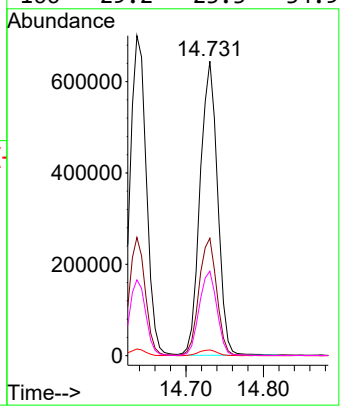


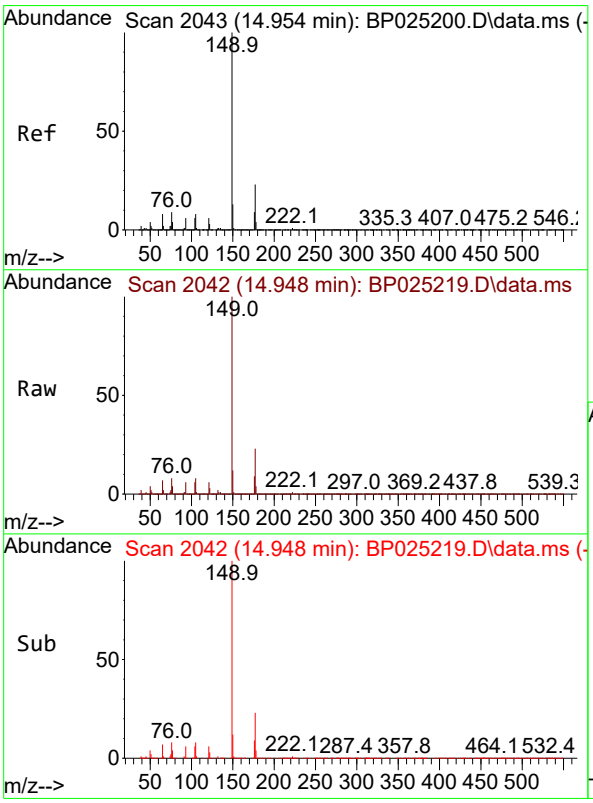

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 1007317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.5 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.2 | 23.3 | 34.9 |

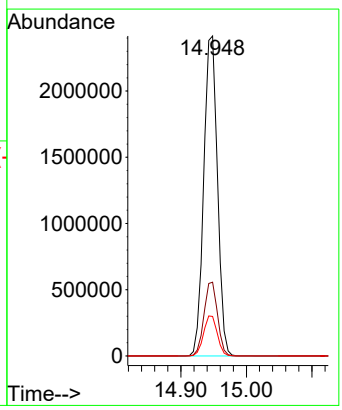


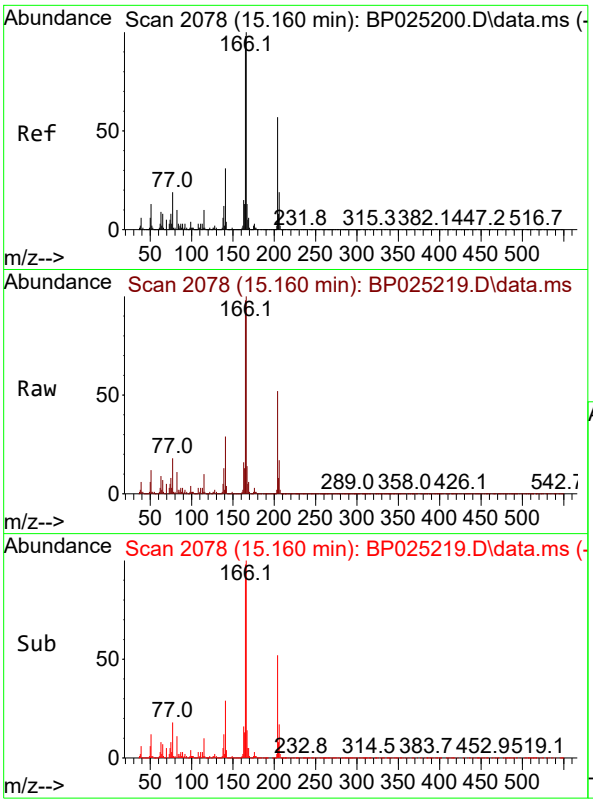




#60
Diethylphthalate
Concen: 40.011 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 3514021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.1 | 18.4 | 27.6 |
| 150 | 12.4 | 10.0 | 15.0 |



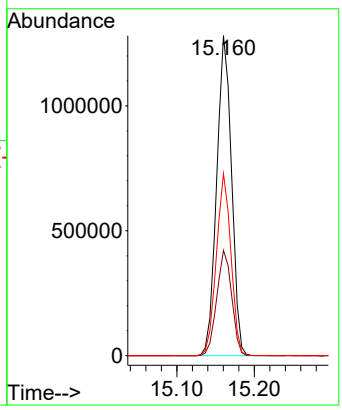


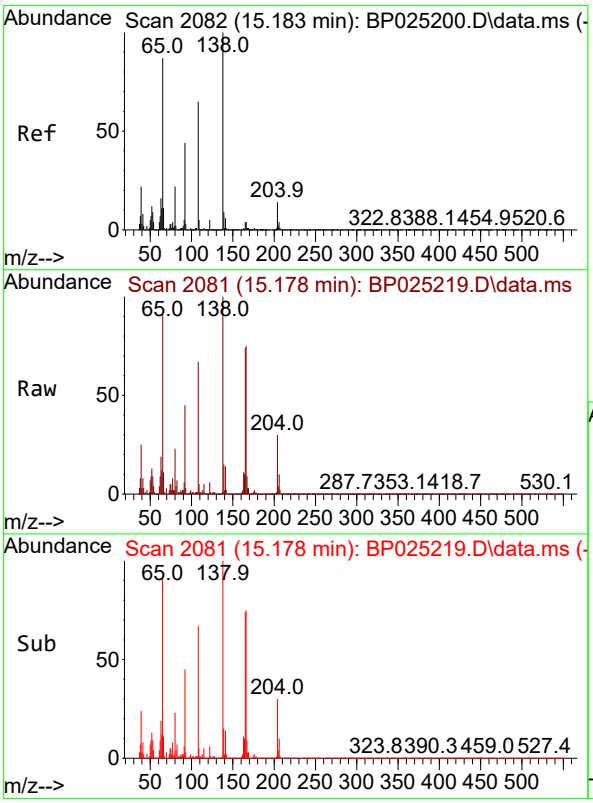

#61
4-Chlorophenyl-phenylether
Concen: 39.925 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 1706307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.3 | 39.5 |
| 141 | 56.9 | 43.0 | 64.6 |

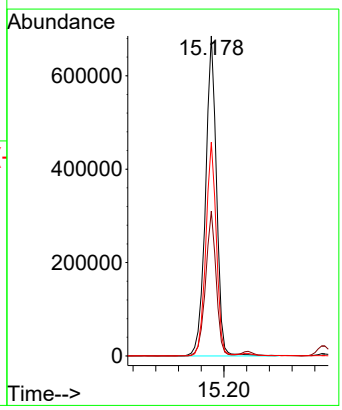


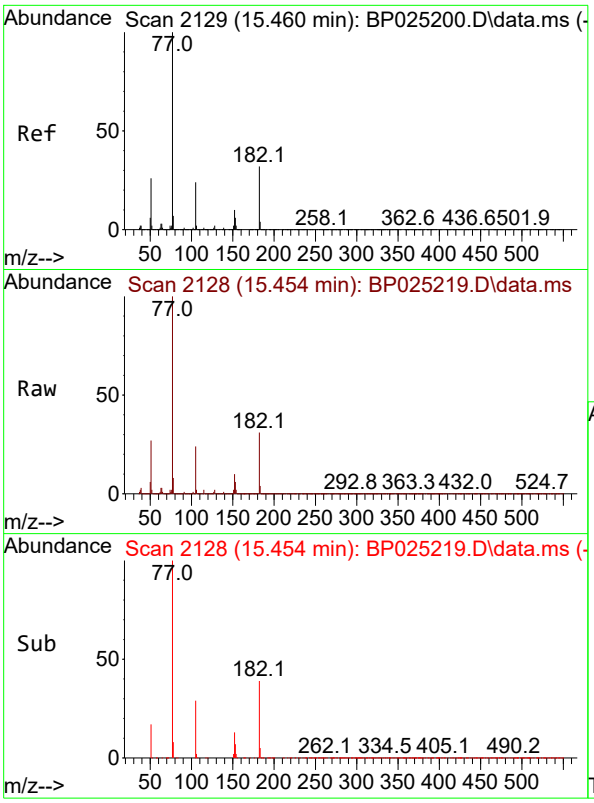




#62
4-Nitroaniline
Concen: 41.319 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:138 Resp: 917496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.2 | 24.0 | 64.0 |
| 108 | 66.8 | 44.9 | 84.9 |



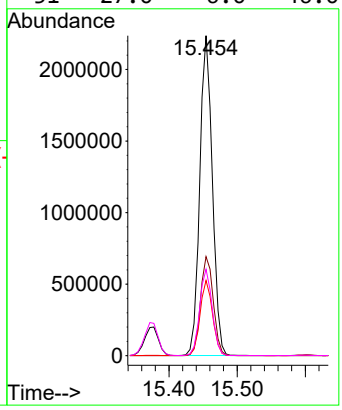


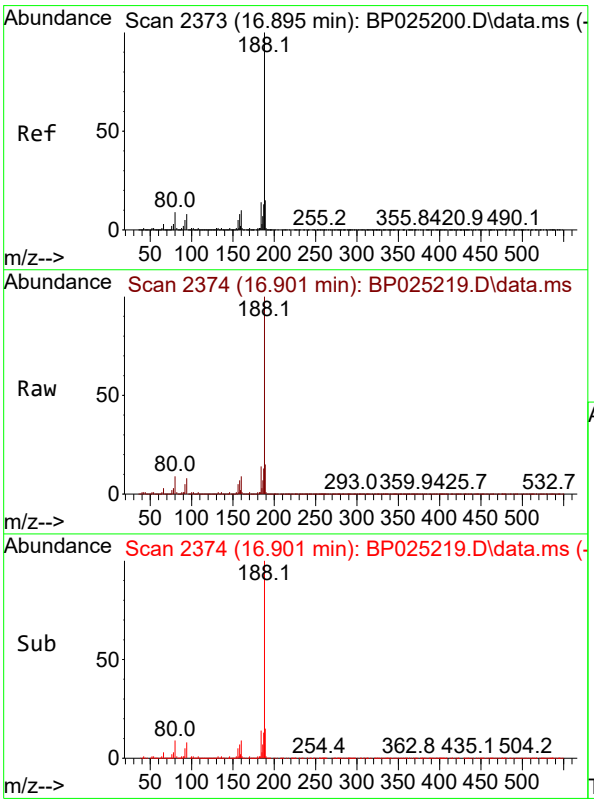

#63
Azobenzene
Concen: 40.086 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 2868934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.9 | 12.0 | 52.0 |
| 105 | 23.5 | 3.6 | 43.6 |
| 51 | 27.0 | 6.0 | 46.0 |

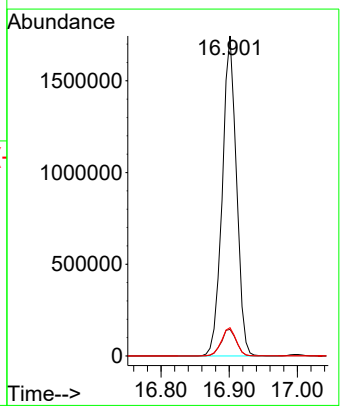


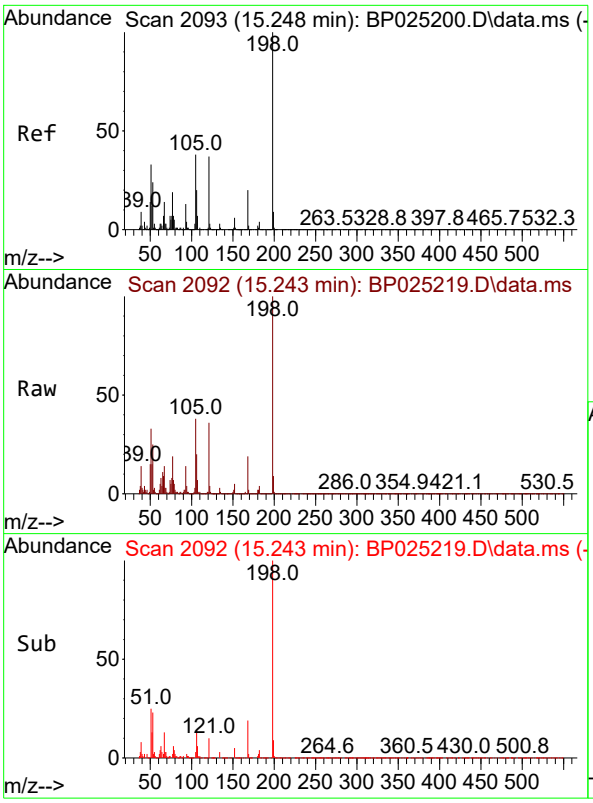




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:188 Resp: 2530825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 6.8 | 10.2 |
| 80 | 8.9 | 7.3 | 10.9 |



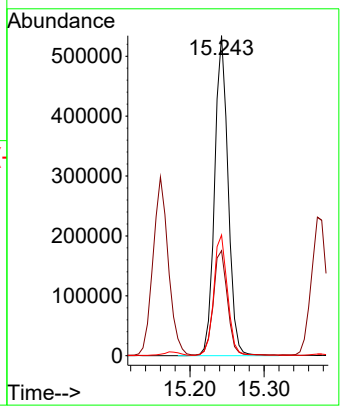


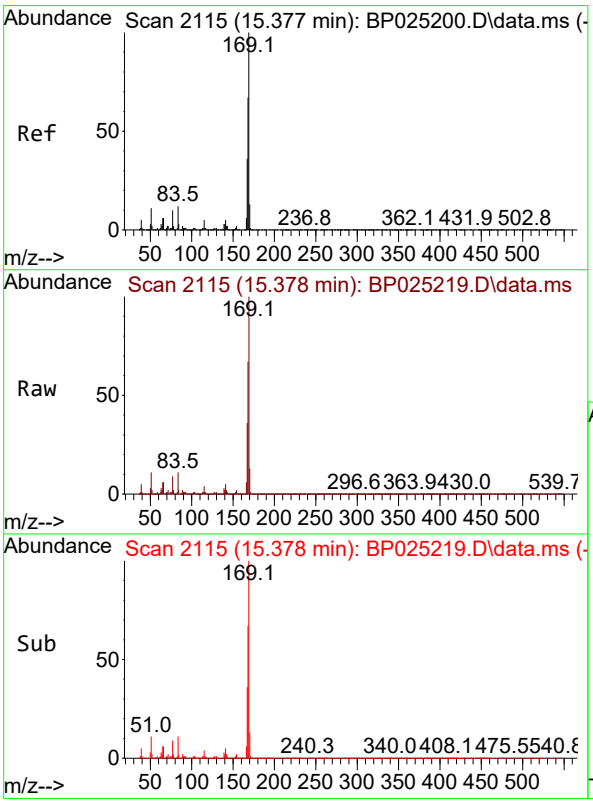

#65
4,6-Dinitro-2-methylphenol
Concen: 41.175 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 672511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.8 | 14.6 | 54.6 |
| 105 | 37.7 | 18.3 | 58.3 |

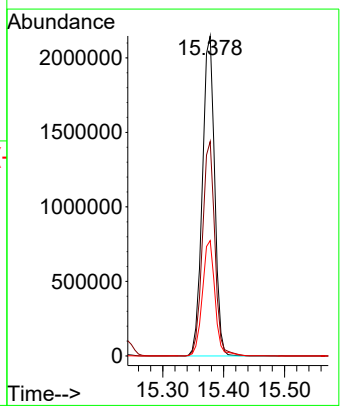


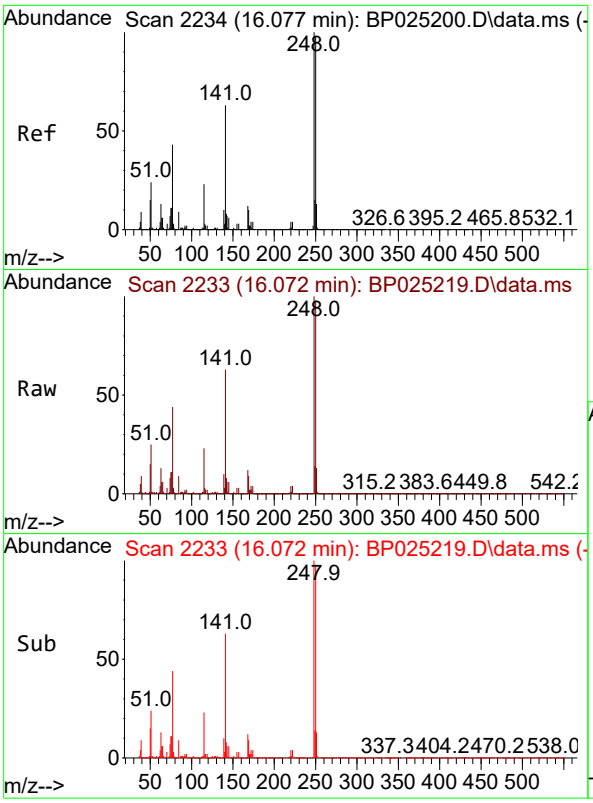




#66
n-Nitrosodiphenylamine
Concen: 39.125 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:169 Resp: 3005446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.0 | 53.7 | 80.5 |
| 167 | 36.0 | 29.0 | 43.6 |



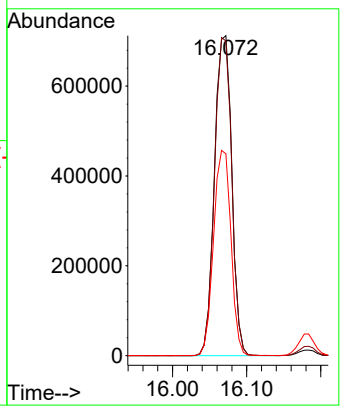


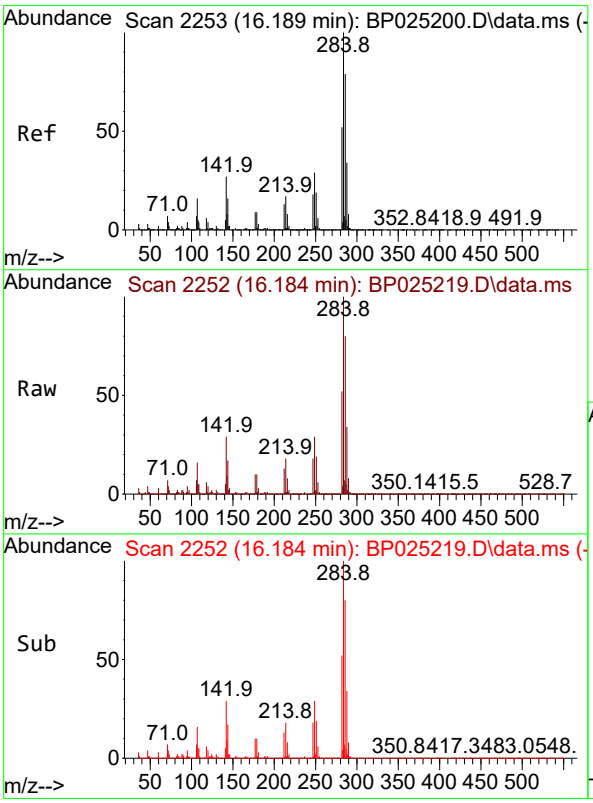

#67
4-Bromophenyl-phenylether
Concen: 39.169 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 1156900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.4 | 78.5 | 117.7 |
| 141 | 63.1 | 50.5 | 75.7 |

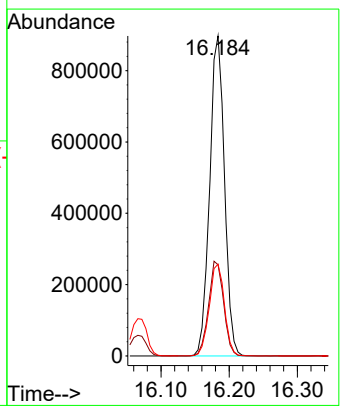


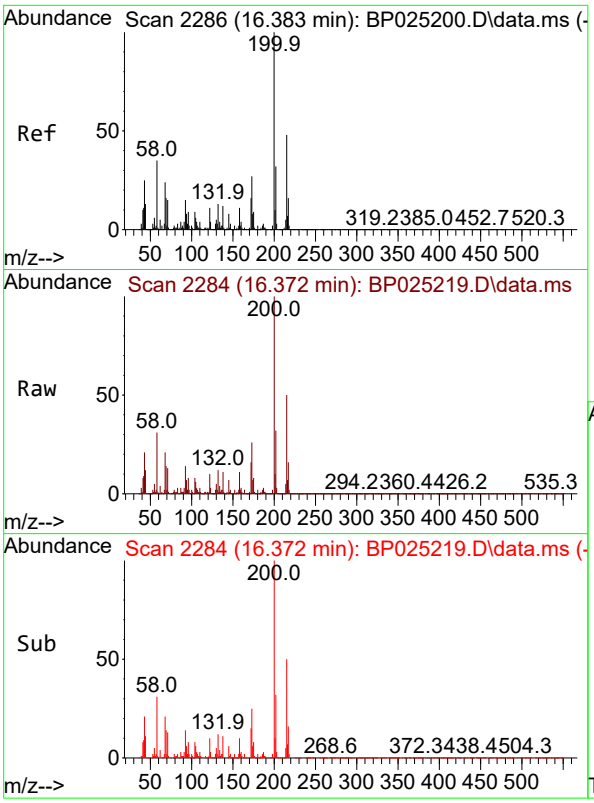




#68
Hexachlorobenzene
Concen: 38.695 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:284 Resp: 1357253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.5 | 21.5 | 32.3 |
| 249 | 28.7 | 23.4 | 35.0 |



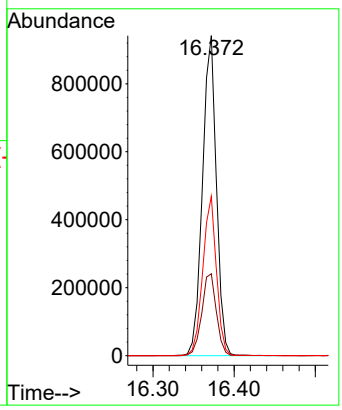


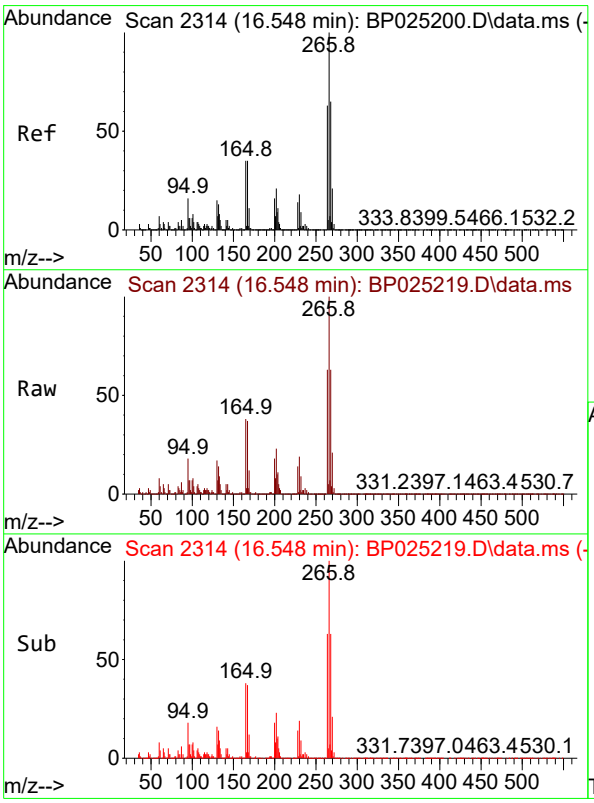

#69
Atrazine
Concen: 39.387 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 1119581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.6 | 7.4 | 47.4 |
| 215 | 49.8 | 28.5 | 68.5 |

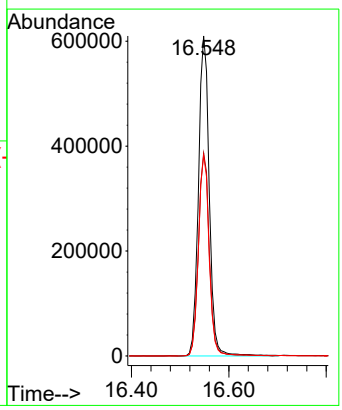


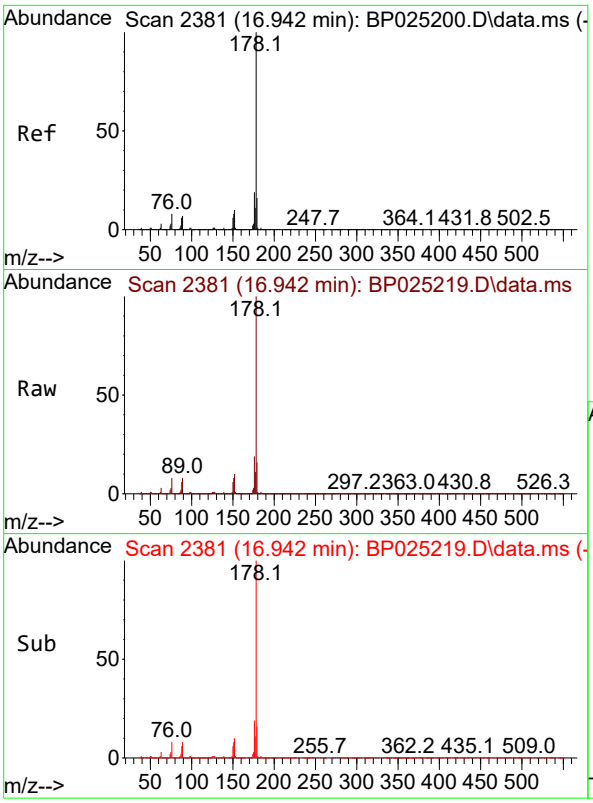




#70
Pentachlorophenol
Concen: 39.338 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:266 Resp: 938309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.8 | 77.6 |
| 264 | 62.7 | 50.3 | 75.5 |



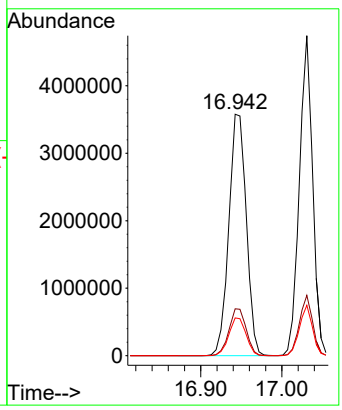


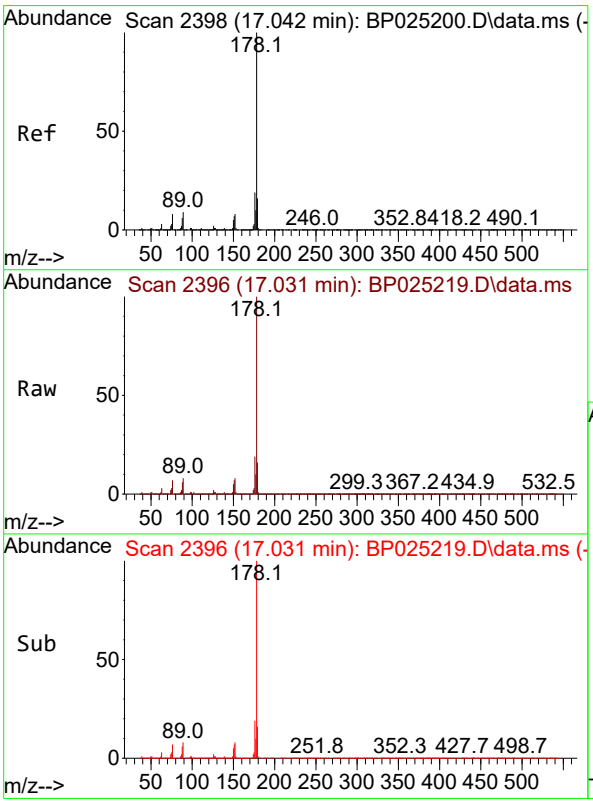

#71
Phenanthrene
Concen: 39.150 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 5343916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 15.6 | 12.5 | 18.7 |

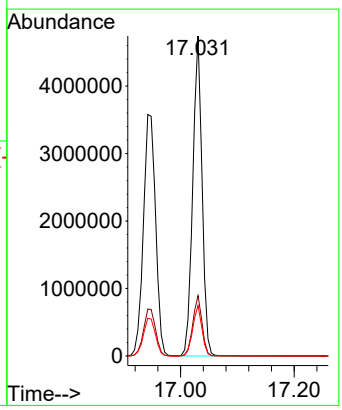


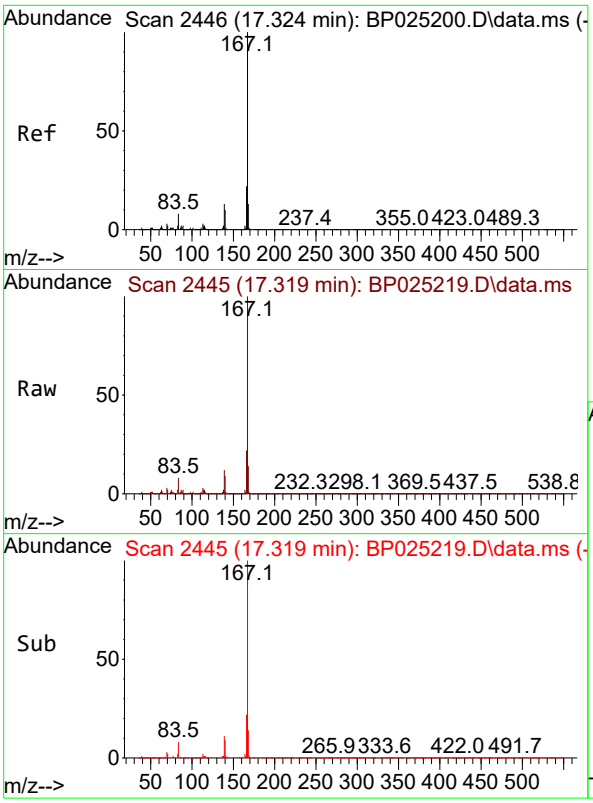




#72
Anthracene
Concen: 39.414 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:178 Resp: 5419810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.8 | 12.5 | 18.7 |



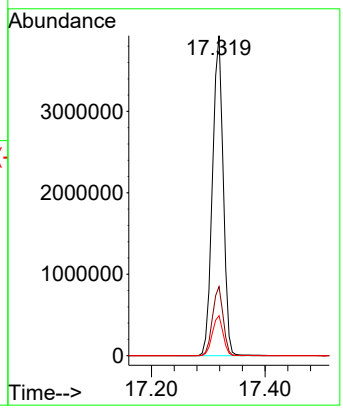


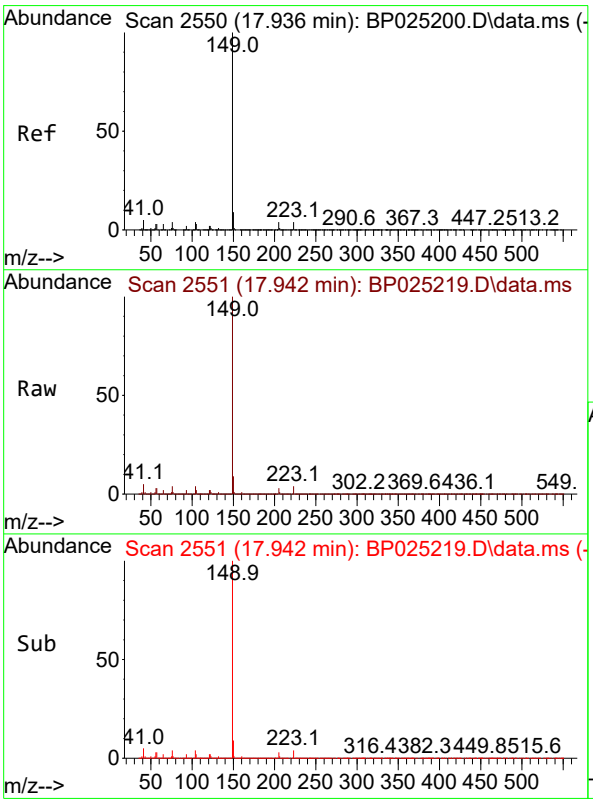

#73
Carbazole
Concen: 39.157 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 5140047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.3 | 25.9 |
| 139 | 12.5 | 10.1 | 15.1 |

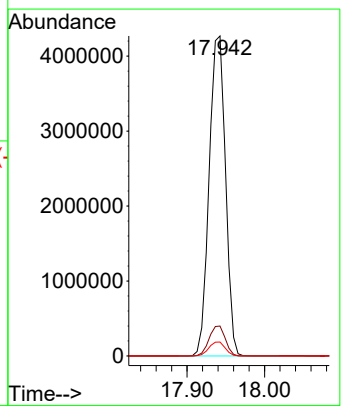


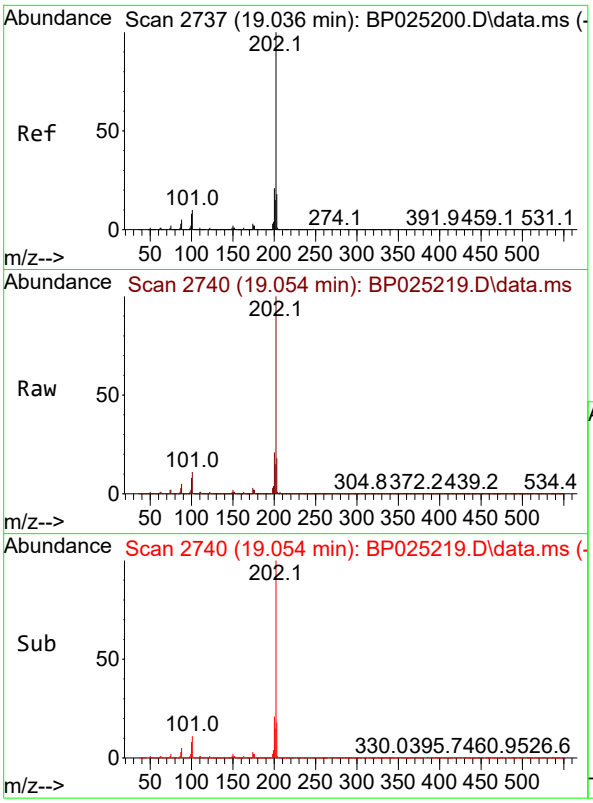




#74
Di-n-butylphthalate
Concen: 41.369 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 6265773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.6 | 11.4 |
| 104 | 4.3 | 3.5 | 5.3 |



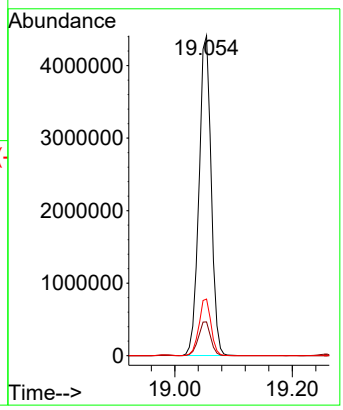


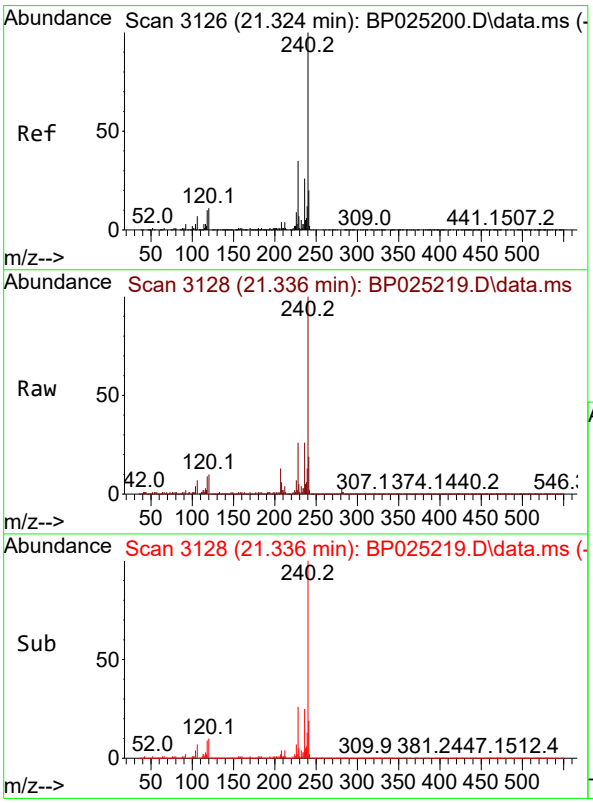

#75
Fluoranthene
Concen: 39.305 ng
RT: 19.054 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 6314252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 30.3 |
| 203 | 17.7 | 0.0 | 38.0 |

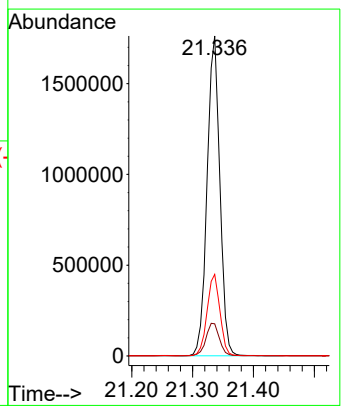


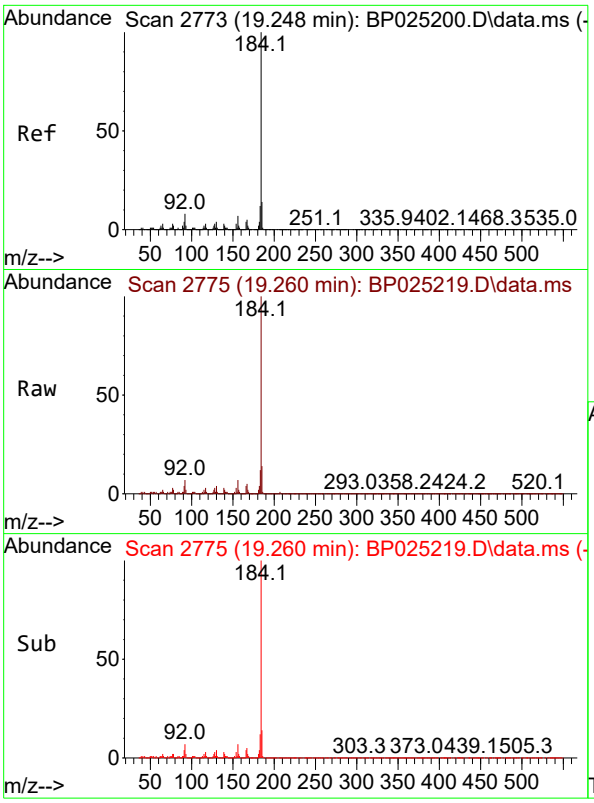




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:240 Resp: 2561119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |



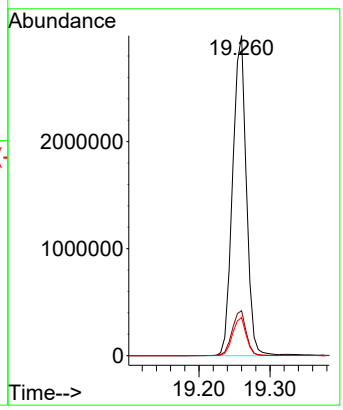


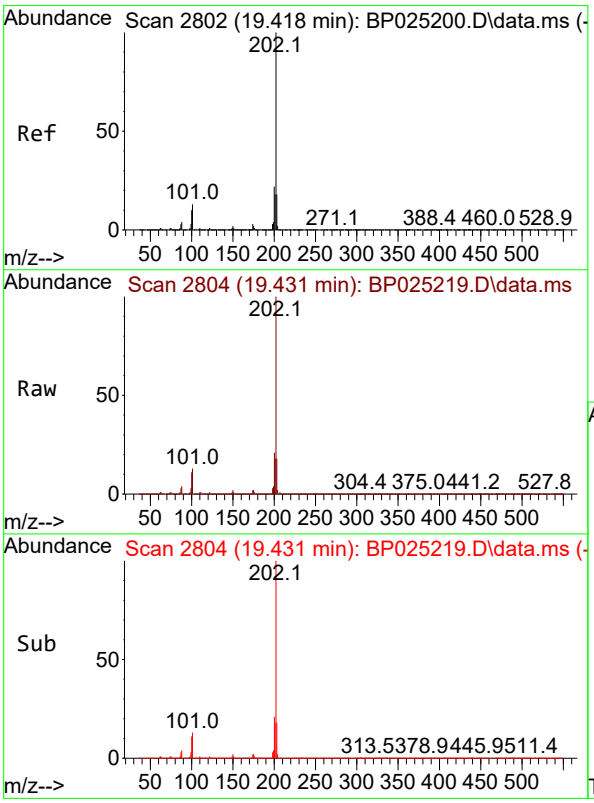

#77
Benzidine
Concen: 44.552 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 4005958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.5 | 17.3 |
| 183 | 11.9 | 9.6 | 14.4 |

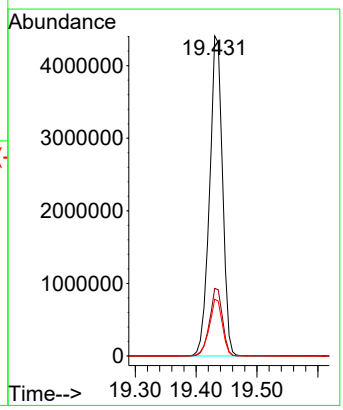


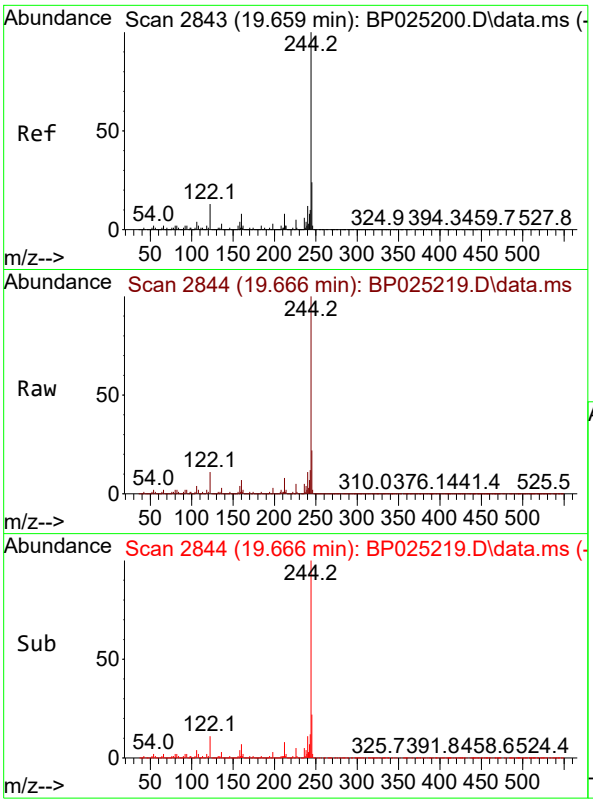




#78
Pyrene
Concen: 41.170 ng
RT: 19.431 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:202 Resp: 6501312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 17.8 | 14.3 | 21.5 |



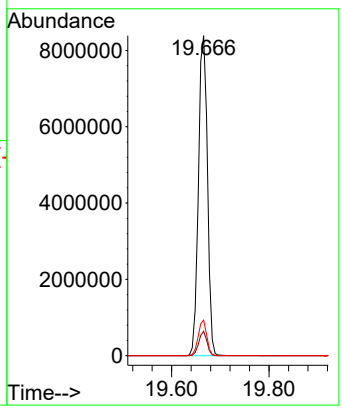


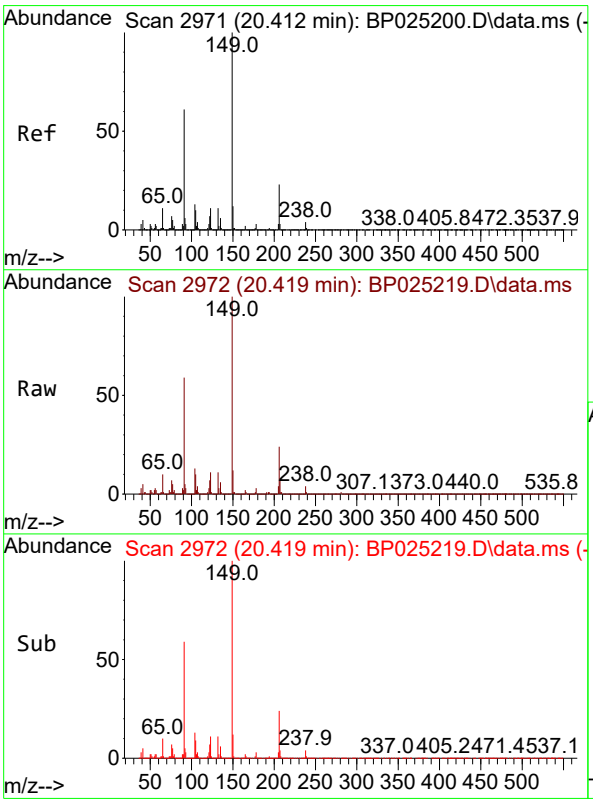

#79
Terphenyl-d14
Concen: 83.178 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp:10791584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.6 | 9.8 |
| 122 | 11.1 | 10.3 | 15.5 |

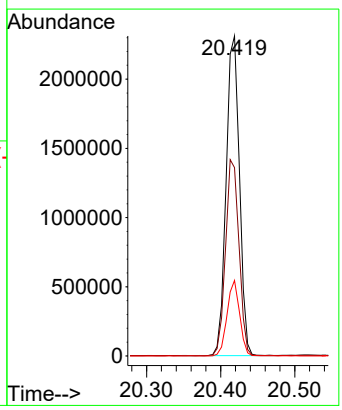


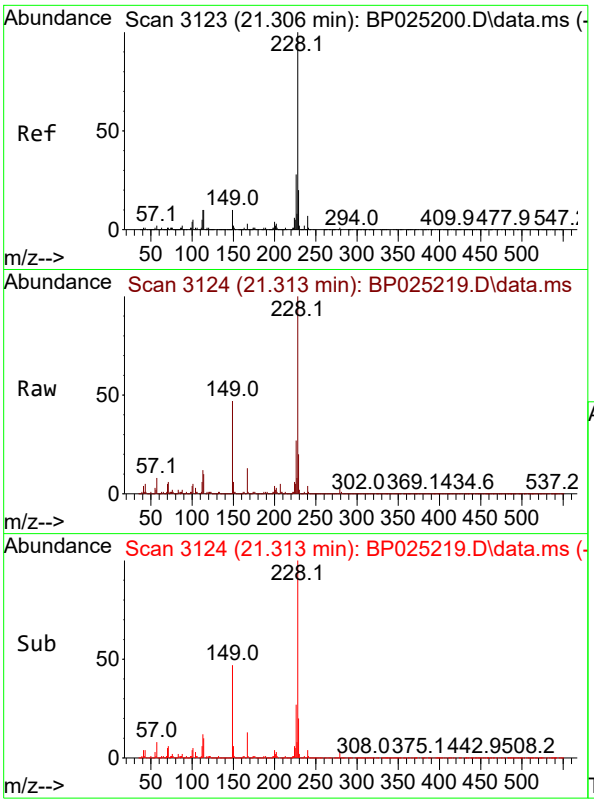




#80
Butylbenzylphthalate
Concen: 40.212 ng
RT: 20.419 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 2874425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 58.8 | 48.8 | 73.2 |
| 206 | 23.6 | 18.4 | 27.6 |



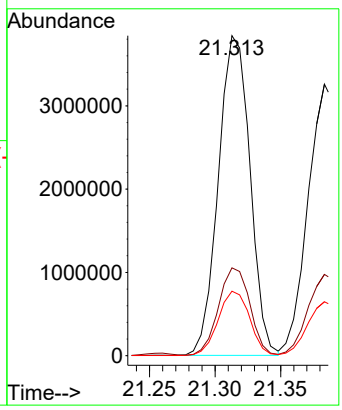


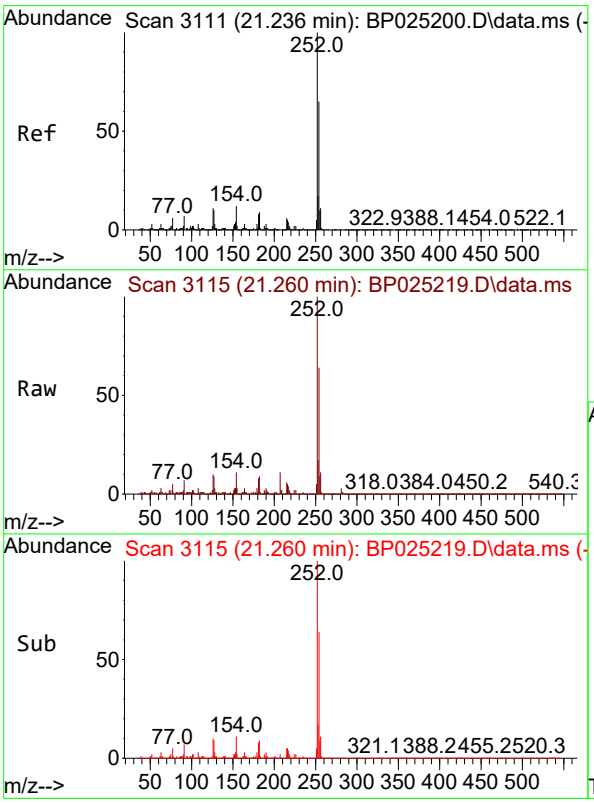

#81
Benzo(a)anthracene
Concen: 39.878 ng
RT: 21.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 6449789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.3 | 33.5 |
| 229 | 20.1 | 16.2 | 24.2 |

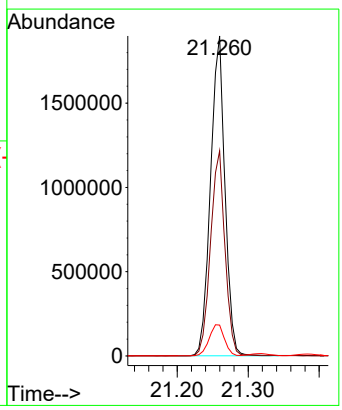


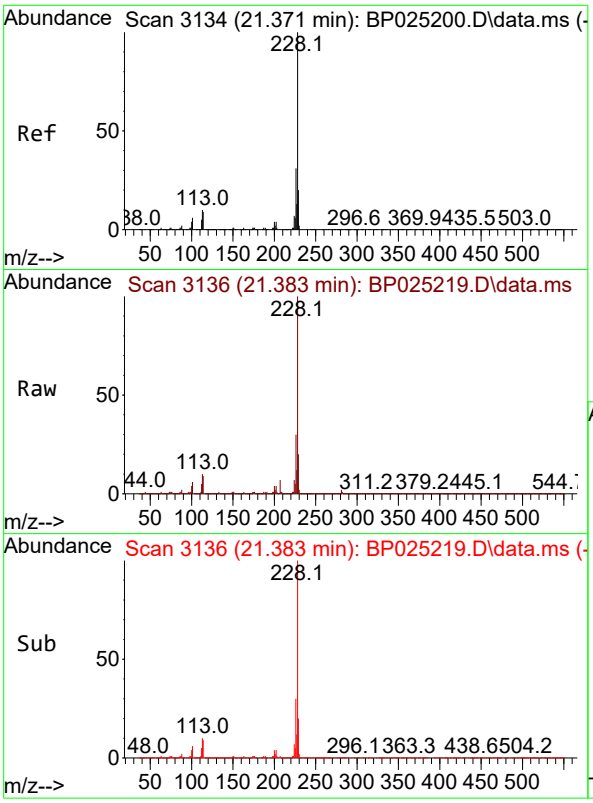




#82
3,3'-Dichlorobenzidine
Concen: 39.849 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 2671574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.1 | 52.1 | 78.1 |
| 126 | 9.6 | 8.6 | 12.8 |



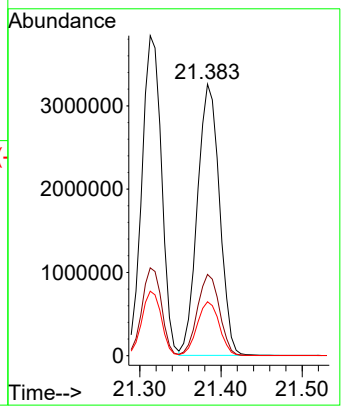


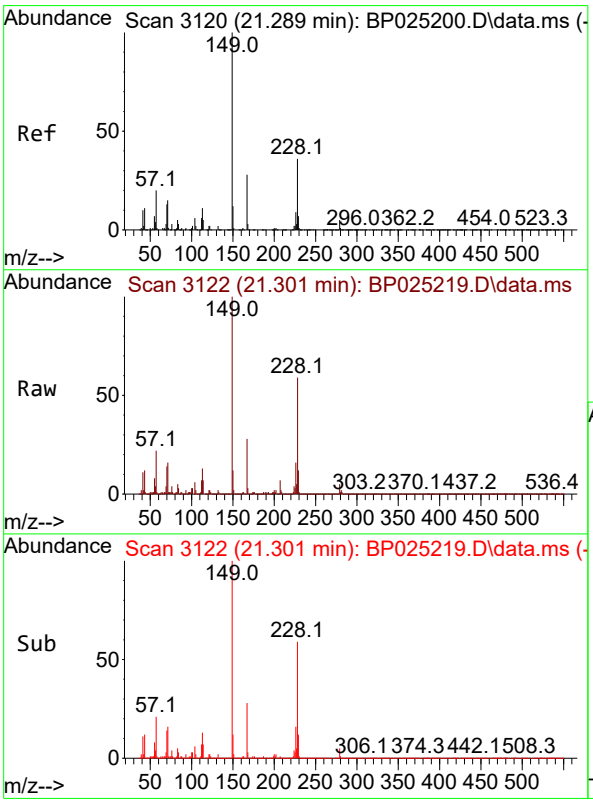

#83
Chrysene
Concen: 40.790 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 6158415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.6 | 37.0 |
| 229 | 19.9 | 16.0 | 24.0 |

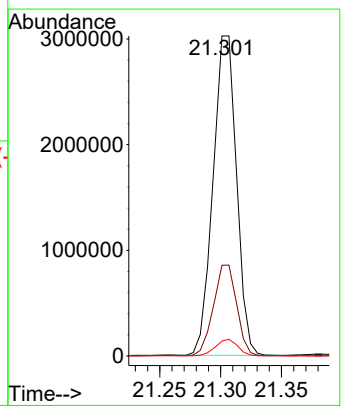


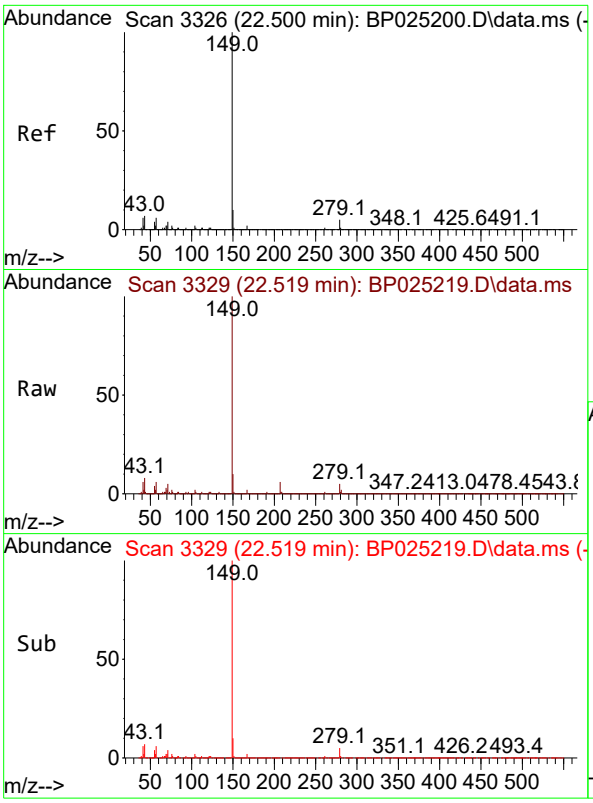




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.770 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:149 Resp: 4064933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |



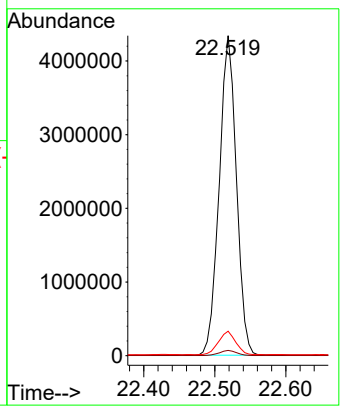


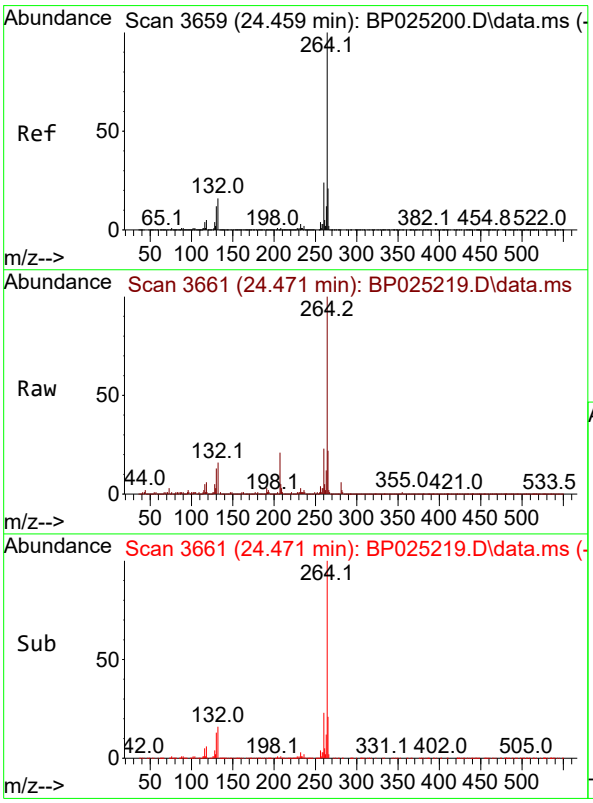

#85
Di-n-octyl phthalate
Concen: 41.223 ng
RT: 22.519 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 7275962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.3 | 6.1 | 9.1 |

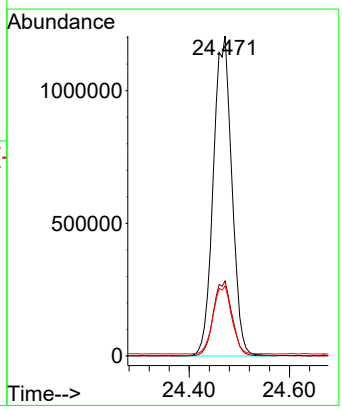


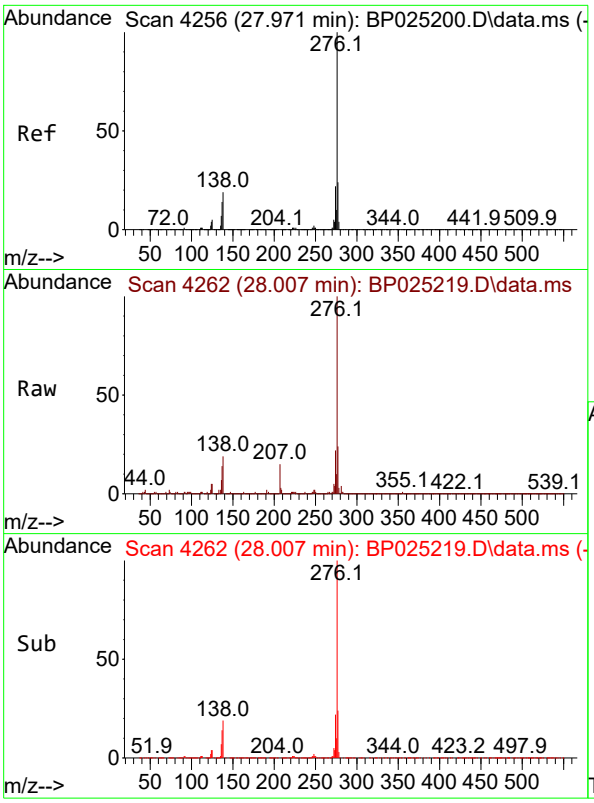




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:264 Resp: 3092373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 21.9 | 17.5 | 26.3 |



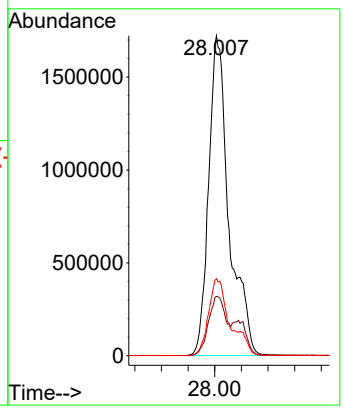


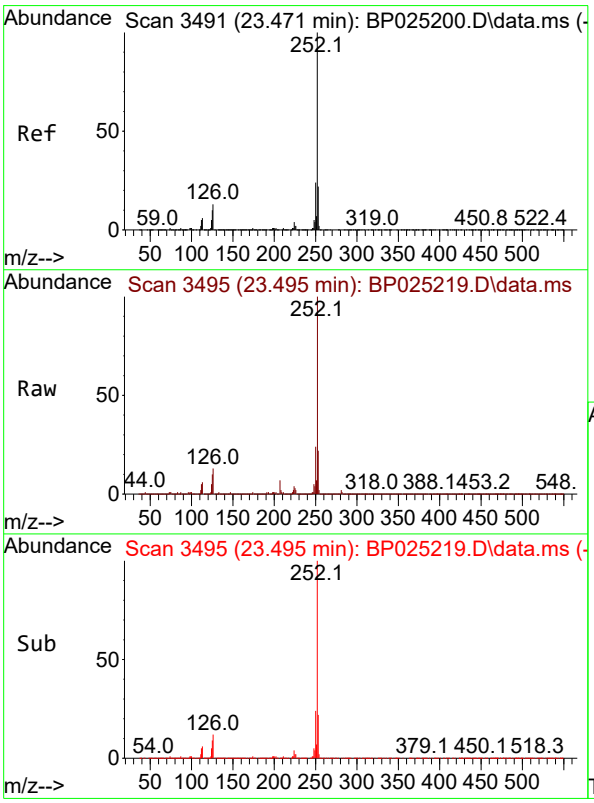

#87
Indeno(1,2,3-cd)pyrene
Concen: 40.332 ng
RT: 28.007 min Scan# 4
Delta R.T. 0.036 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 9114238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.1 | 12.8 | 19.2 |
| 277 | 22.5 | 20.3 | 30.5 |

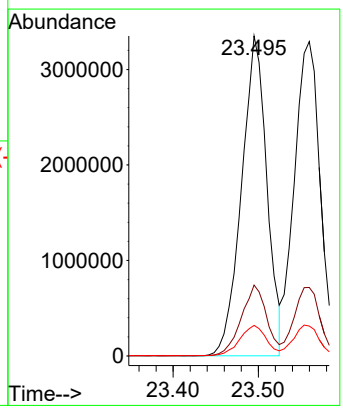


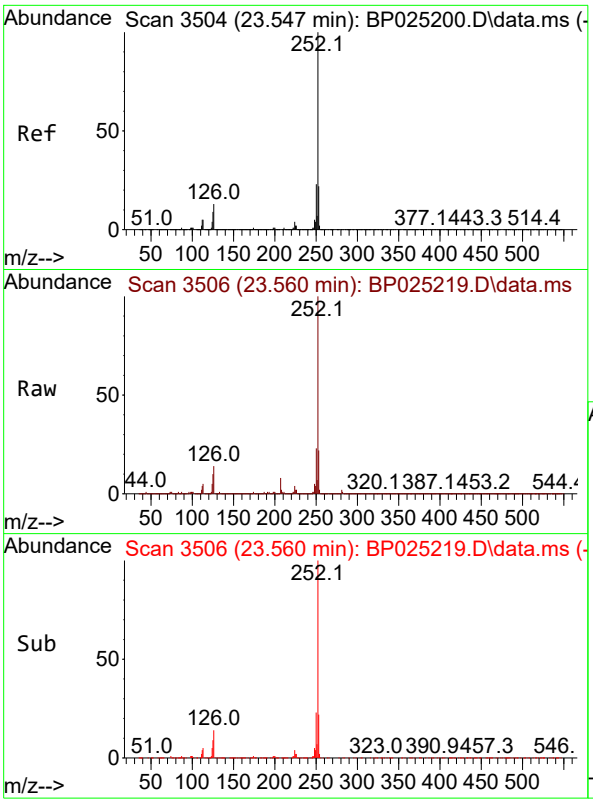




#88
Benzo(b)fluoranthene
Concen: 39.151 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6930203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 9.6 | 7.8 | 11.8 |



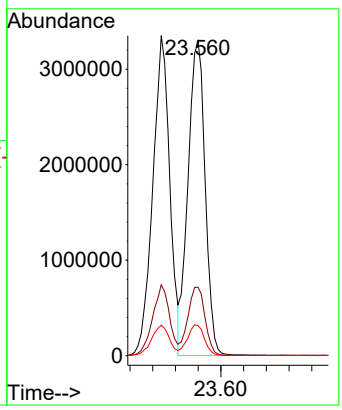


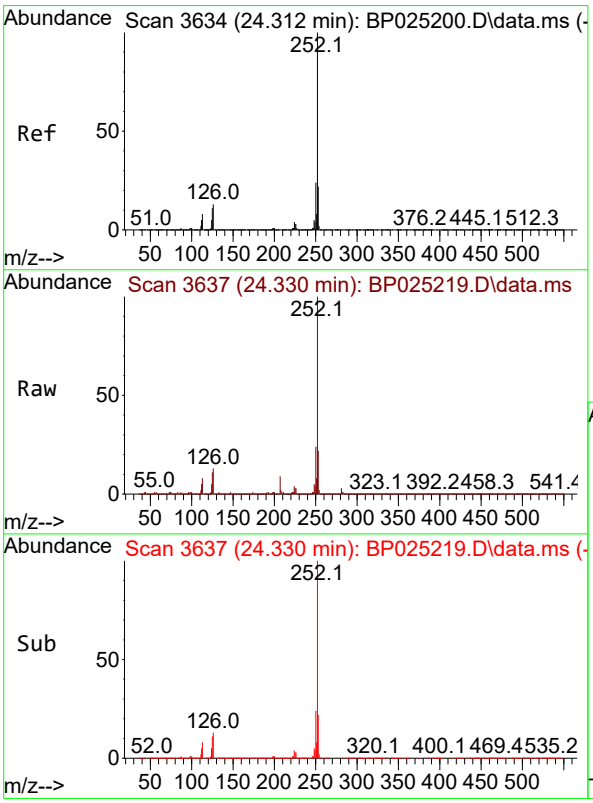

#89
Benzo(k)fluoranthene
Concen: 39.505 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 6903516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.5 | 7.5 | 11.3 |

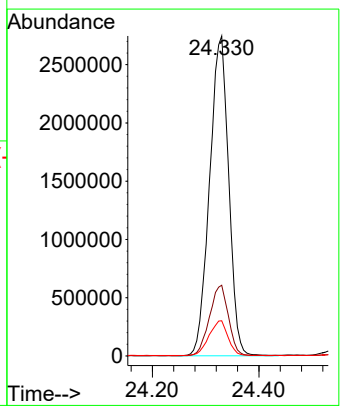


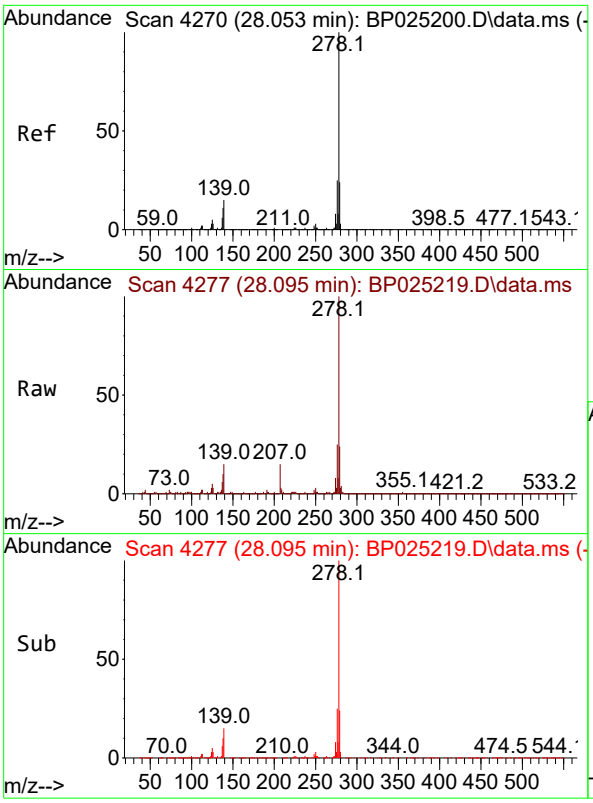




#90
Benzo(a)pyrene
Concen: 39.488 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:252 Resp: 6819808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 11.0 | 8.6 | 12.8 |



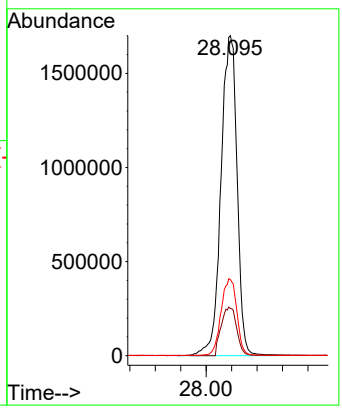


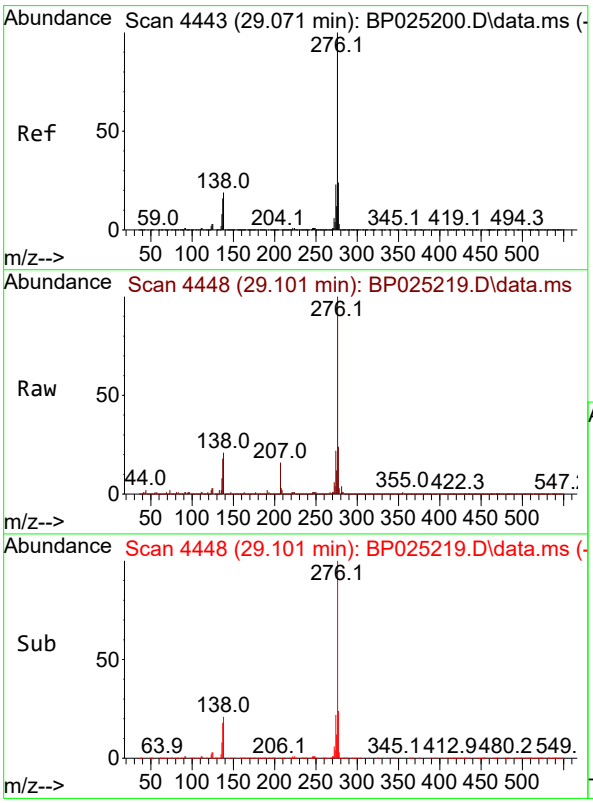

#91
Dibenzo(a,h)anthracene
Concen: 40.499 ng
RT: 28.095 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 7466678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 12.0 | 18.0 |
| 279 | 23.8 | 19.5 | 29.3 |

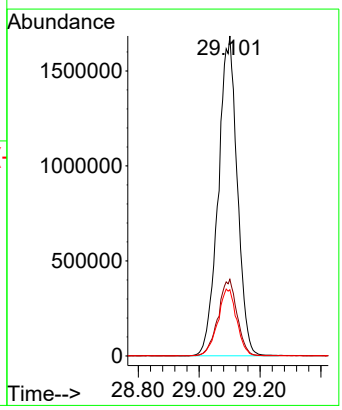



#92
Benzo(g,h,i)perylene
Concen: 40.219 ng
RT: 29.101 min Scan# 4448
Delta R.T. 0.030 min
Lab File: BP025219.D
Acq: 23 Jul 2025 11:22

Tgt Ion:276 Resp: 7287179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.2 | 28.8 |
| 138 | 20.7 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 65 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.442 | 0.5 | 67 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.182 | 0.5 | 66 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.467 | 0.8 | 65 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.179 | 0.4 | 66 | 0.00 |
| 6 | | Aniline | 1.916 | 1.952 | -1.9 | 66 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.476 | -0.7 | 65 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.350 | -0.5 | 66 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.962 | 3.2 | 56 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.537 | -1.1 | 66 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.175 | -0.8 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.485 | 1.7 | 65 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.514 | 0.7 | 65 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.463 | 0.3 | 66 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.081 | -2.3 | 66 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.471 | 1.3 | 64 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.073 | -1.8 | 66 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.519 | 1.0 | 65 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.913 | -3.5 | 67 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.469 | -2.2 | 66 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 65 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.463 | 0.4 | 67 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.360 | 0.0 | 66 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.322 | -0.3 | 66 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.629 | 0.6 | 65 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.188 | -2.2 | 67 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.308 | 0.0 | 66 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.392 | 1.0 | 66 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.318 | -0.3 | 66 | 0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.336 | 2.9 | 65 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.020 | 0.3 | 66 | 0.00 |
| 32 | | Benzoic acid | 0.235 | 0.226 | 3.8 | 62 | 0.00 |
| 33 | | 4-Chloroaniline | 0.450 | 0.456 | -1.3 | 68 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.203 | 2.4 | 65 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.106 | -1.0 | 68 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.321 | -1.3 | 68 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.659 | 0.9 | 66 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.698 | 0.0 | 66 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.599 | 0.0 | 67 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.377 | -5.3 | 70 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.297 | -0.7 | 68 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.416 | -1.5 | 67 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.455 | -0.9 | 66 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.437 | -1.3 | 67 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.460 | -0.7 | 67 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.135 | -0.3 | 67 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.300 | -3.8 | 68 | -0.01 |
| 49 | | Acenaphthylene | 1.831 | 1.855 | -1.3 | 67 | -0.01 |
| 50 | | Dimethylphthalate | 1.430 | 1.428 | 0.1 | 68 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.315 | -1.3 | 67 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.059 | 0.0 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.351 | -0.3 | 67 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.191 | -3.8 | 69 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.713 | -0.2 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.303 | -1.0 | 69 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.448 | -3.0 | 68 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.377 | -1.4 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.404 | -1.3 | 68 | 0.00 |
| 60 | | Diethylphthalate | 1.410 | 1.410 | 0.0 | 67 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.685 | 0.1 | 67 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.368 | -3.4 | 70 | 0.00 |
| 63 | | Azobenzene | 1.149 | 1.151 | -0.2 | 67 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.133 | -3.1 | 70 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.594 | 2.1 | 68 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.229 | 1.7 | 68 | 0.00 |
| 68 | | Hexachlorobenzene | 0.277 | 0.268 | 3.2 | 66 | 0.00 |
| 69 | | Atrazine | 0.225 | 0.221 | 1.8 | 69 | -0.01 |
| 70 | C | Pentachlorophenol | 0.188 | 0.185 | 1.6 | 67 | 0.00 |
| 71 | | Phenanthrene | 1.079 | 1.056 | 2.1 | 68 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.071 | 1.5 | 68 | -0.01 |
| 73 | | Carbazole | 1.037 | 1.015 | 2.1 | 68 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.238 | -3.4 | 71 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.247 | 1.8 | 69 | 0.02 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 70 | 0.01 |
| 77 | | Benzidine | 0.702 | 0.782 | -11.4 | 64 | 0.01 |
| 78 | | Pyrene | 1.233 | 1.269 | -2.9 | 70 | 0.01 |
| 79 | S | Terphenyl-d14 | 1.013 | 1.053 | -3.9 | 82 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.561 | -0.5 | 69 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.259 | 0.3 | 70 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.522 | 0.4 | 71 | 0.02 |
| 83 | | Chrysene | 1.179 | 1.202 | -2.0 | 72 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.794 | 0.5 | 69 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.420 | -3.0 | 71 | 0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 71 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.474 | -0.8 | 74 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.121 | 2.1 | 70 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.116 | 1.2 | 70 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.103 | 1.3 | 71 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.207 | -1.3 | 73 | 0.04 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.178 | -0.5 | 73 | 0.03 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 65 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.868 | 0.3 | 67 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.826 | 0.4 | 66 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.659 | 0.9 | 65 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.702 | 0.4 | 66 | 0.00 |
| 6 | | Aniline | 40.000 | 40.744 | -1.9 | 66 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 80.555 | -0.7 | 65 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.208 | -0.5 | 66 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 38.721 | 3.2 | 56 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.446 | -1.1 | 66 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.333 | -0.8 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.335 | 1.7 | 65 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.724 | 0.7 | 65 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.912 | 0.2 | 66 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.898 | -2.2 | 66 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.458 | 1.4 | 64 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.716 | -1.8 | 66 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.625 | 0.9 | 65 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.403 | -3.5 | 67 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.863 | -2.2 | 66 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 65 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.833 | 0.4 | 67 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.111 | -0.1 | 66 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.088 | -0.2 | 66 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.759 | 0.6 | 65 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.821 | -2.1 | 67 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.011 | -0.0 | 66 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.596 | 1.0 | 66 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.108 | -0.3 | 66 | 0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.895 | 2.8 | 65 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.861 | 0.3 | 66 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 38.480 | 3.8 | 62 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.557 | -1.4 | 68 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.076 | 2.3 | 65 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.170 | -0.4 | 68 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.618 | -1.5 | 68 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.677 | 0.8 | 66 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.968 | 0.1 | 66 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.944 | 0.1 | 67 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 42.194 | -5.5 | 70 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.568 | -0.7 | 68 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.592 | -1.5 | 67 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.380 | -1.0 | 66 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 81.023 | -1.3 | 67 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 40.278 | -0.7 | 67 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.098 | -0.2 | 67 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.473 | -3.7 | 68 | -0.01 |
| 49 | | Acenaphthylene | 40.000 | 40.533 | -1.3 | 67 | -0.01 |
| 50 | | Dimethylphthalate | 40.000 | 39.945 | 0.1 | 68 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.513 | -1.3 | 67 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.018 | -0.0 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 40.071 | -0.2 | 67 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 41.472 | -3.7 | 69 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.066 | -0.2 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.436 | -1.1 | 69 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.217 | -3.0 | 68 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.579 | -1.4 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.533 | -1.3 | 68 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.011 | -0.0 | 67 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.925 | 0.2 | 67 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.319 | -3.3 | 70 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.086 | -0.2 | 67 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 69 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.175 | -2.9 | 70 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.125 | 2.2 | 68 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.169 | 2.1 | 68 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 38.695 | 3.3 | 66 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.387 | 1.5 | 69 | -0.01 |
| 70 | C | Pentachlorophenol | 40.000 | 39.338 | 1.7 | 67 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.150 | 2.1 | 68 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.414 | 1.5 | 68 | -0.01 |
| 73 | | Carbazole | 40.000 | 39.157 | 2.1 | 68 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 41.369 | -3.4 | 71 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.305 | 1.7 | 69 | 0.02 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 70 | 0.01 |
| 77 | | Benzidine | 40.000 | 44.552 | -11.4 | 64 | 0.01 |
| 78 | | Pyrene | 40.000 | 41.170 | -2.9 | 70 | 0.01 |
| 79 | S | Terphenyl-d14 | 80.000 | 83.178 | -4.0 | 82 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.212 | -0.5 | 69 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.878 | 0.3 | 70 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.849 | 0.4 | 71 | 0.02 |
| 83 | | Chrysene | 40.000 | 40.790 | -2.0 | 72 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.770 | 0.6 | 69 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 41.223 | -3.1 | 71 | 0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 71 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.332 | -0.8 | 74 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.151 | 2.1 | 70 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.505 | 1.2 | 70 | 0.01 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.488 | 1.3 | 71 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.499 | -1.2 | 73 | 0.04 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.219 | -0.5 | 73 | 0.03 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 16:13

Lab File ID: BP025226.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.173 | | -0.9 | 50.0 |
| Phenol-d6 | 1.466 | 1.495 | | 2.0 | 50.0 |
| Nitrobenzene-d5 | 0.360 | 0.364 | | 1.1 | 50.0 |
| Naphthalene | 1.023 | 1.020 | | -0.3 | 50.0 |
| 2-Methylnaphthalene | 0.665 | 0.662 | | -0.5 | 50.0 |
| 2-Fluorobiphenyl | 1.419 | 1.428 | | 0.6 | 50.0 |
| Acenaphthylene | 1.831 | 1.873 | | 2.3 | 50.0 |
| Acenaphthene | 1.059 | 1.072 | | 1.2 | 50.0 |
| Fluorene | 1.358 | 1.427 | | 5.1 | 50.0 |
| 2,4,6-Tribromophenol | 0.295 | 0.324 | | 9.8 | 50.0 |
| Phenanthrene | 1.079 | 1.093 | | 1.3 | 50.0 |
| Anthracene | 1.087 | 1.138 | | 4.7 | 50.0 |
| Fluoranthene | 1.270 | 1.306 | | 2.8 | 50.0 |
| Pyrene | 1.233 | 1.277 | | 3.6 | 50.0 |
| Terphenyl-d14 | 1.013 | 1.077 | | 6.3 | 50.0 |
| Benzo(a)anthracene | 1.263 | 1.287 | | 1.9 | 50.0 |
| Chrysene | 1.179 | 1.189 | | 0.8 | 50.0 |
| Benzo(b)fluoranthene | 1.145 | 1.126 | | -1.7 | 50.0 |
| Benzo(k)fluoranthene | 1.130 | 1.145 | | 1.3 | 50.0 |
| Benzo(a)pyrene | 1.117 | 1.103 | | -1.3 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.426 | | -2.5 | 50.0 |
| Dibenzo(a,h)anthracene | 1.192 | 1.164 | | -2.3 | 50.0 |
| Benzo(g,h,i)perylene | 1.172 | 1.140 | | -2.7 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 421897 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 1750040 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1174318 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 2549406 | 20.000 | ng | 0.01 |
| 76) Chrysene-d12 | 21.348 | 240 | 2750456 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.489 | 264 | 3266187 | 20.000 | ng | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1978949 | 79.254 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2523247 | 81.590 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 2547924 | 80.910 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.619 | 330 | 1523626 | 88.010 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 6706884 | 80.519 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11843736 | 85.004 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 362391 | 38.724 | ng | 99 |
| 3) Pyridine | 3.490 | 79 | 970000 | 38.721 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 391174 | 39.375 | ng | 95 |
| 6) Aniline | 6.778 | 93 | 1645967 | 40.717 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1145574 | 40.435 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 821679 | 39.187 | ng | 100 |
| 10) Phenol | 6.666 | 94 | 1310286 | 40.854 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 968101 | 39.372 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1257357 | 39.465 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1281149 | 39.837 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 1232371 | 39.835 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 914524 | 40.996 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.960 | 45 | 1228018 | 39.032 | ng | 99 |
| 17) 2-Methylphenol | 7.884 | 107 | 918321 | 41.301 | ng | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 429581 | 38.843 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 762902 | 41.006 | ng | 100 |
| 20) 3+4-Methylphenols | 8.202 | 107 | 1255779 | 41.404 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1626199 | 39.934 | ng | 98 |
| 24) Nitrobenzene | 8.607 | 77 | 1134306 | 40.408 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 2165372 | 39.102 | ng | 100 |
| 26) 2-Nitrophenol | 9.313 | 139 | 672219 | 41.700 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.390 | 122 | 1088351 | 40.348 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 1342968 | 38.771 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 1139279 | 41.112 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.054 | 180 | 1203645 | 39.767 | ng | 99 |
| 31) Naphthalene | 10.231 | 128 | 3569658 | 39.861 | ng | 99 |
| 32) Benzoic acid | 9.537 | 122 | 988555 | 48.005 | ng | 99 |
| 33) 4-Chloroaniline | 10.343 | 127 | 1623996 | 41.255 | ng | 100 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 713422 | 39.161 | ng | 99 |
| 35) Caprolactam | 11.137 | 113 | 387211 | 42.101 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.490 | 107 | 1163924 | 42.016 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 2317760 | 39.858 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 2485497 | 40.690 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1395264 | 39.638 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.225 | 237 | 559822 | 26.642 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.490 | 196 | 982275 | 40.841 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.572 | 196 | 1087142 | 41.075 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.901 | 154 | 3358747 | 39.455 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.943 | 162 | 2671858 | 40.201 | ng | 99 |
| 48) 2-Nitroaniline | 13.148 | 65 | 710602 | 41.867 | ng | 99 |
| 49) Acenaphthylene | 13.795 | 152 | 4399537 | 40.927 | ng | 100 |
| 50) Dimethylphthalate | 13.554 | 163 | 3275604 | 39.003 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.660 | 165 | 748217 | 41.002 | ng | 96 |
| 52) Acenaphthene | 14.154 | 154 | 2517373 | 40.497 | ng | 100 |
| 53) 3-Nitroaniline | 13.995 | 138 | 874454 | 42.494 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 327781 | 30.316 | ng | 98 |
| 55) Dibenzofuran | 14.495 | 168 | 4104990 | 40.883 | ng | 99 |
| 56) 4-Nitrophenol | 14.342 | 139 | 779949 | 44.292 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.466 | 165 | 1099838 | 43.057 | ng | 96 |
| 58) Fluorene | 15.160 | 166 | 3352512 | 42.056 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.742 | 232 | 1007332 | 43.006 | ng | 100 |
| 60) Diethylphthalate | 14.954 | 149 | 3330481 | 40.235 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.166 | 204 | 1645291 | 40.846 | ng | 99 |
| 62) 4-Nitroaniline | 15.184 | 138 | 938362 | 44.837 | ng | 99 |
| 63) Azobenzene | 15.466 | 77 | 2832864 | 41.997 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.254 | 198 | 483541 | 29.390 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.389 | 169 | 2952463 | 38.155 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.089 | 248 | 1134789 | 38.140 | ng | 99 |
| 68) Hexachlorobenzene | 16.195 | 284 | 1386355 | 39.236 | ng | 97 |
| 69) Atrazine | 16.384 | 200 | 1142872 | 39.913 | ng | 99 |
| 70) Pentachlorophenol | 16.554 | 266 | 1017463 | 42.346 | ng | 100 |
| 71) Phenanthrene | 16.942 | 178 | 5574744 | 40.543 | ng | 100 |
| 72) Anthracene | 17.036 | 178 | 5802800 | 41.892 | ng | 99 |
| 73) Carbazole | 17.319 | 167 | 5518563 | 41.734 | ng | 100 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 6332663 | 41.506 | ng | 100 |
| 75) Fluoranthene | 19.048 | 202 | 6660238 | 41.156 | ng | 99 |
| 77) Benzidine | 19.248 | 184 | 4198464 | 43.479 | ng | 99 |
| 78) Pyrene | 19.430 | 202 | 7026109 | 41.430 | ng | 100 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3175224 | 41.362 | ng | 98 |
| 81) Benzo(a)anthracene | 21.330 | 228 | 7079313 | 40.758 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.254 | 252 | 2912207 | 40.448 | ng | 99 |
| 83) Chrysene | 21.389 | 228 | 6542329 | 40.349 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 4635740 | 42.232 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.518 | 149 | 7969743 | 42.046 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.036 | 276 | 9317715m | 39.038 | ng | |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 7353598 | 39.332 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.554 | 252 | 7478960 | 40.521 | ng | 100 |
| 90) Benzo(a)pyrene | 24.330 | 252 | 7205655 | 39.502 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.106 | 278 | 7603495 | 39.046 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.106 | 276 | 7447383 | 38.916 | ng | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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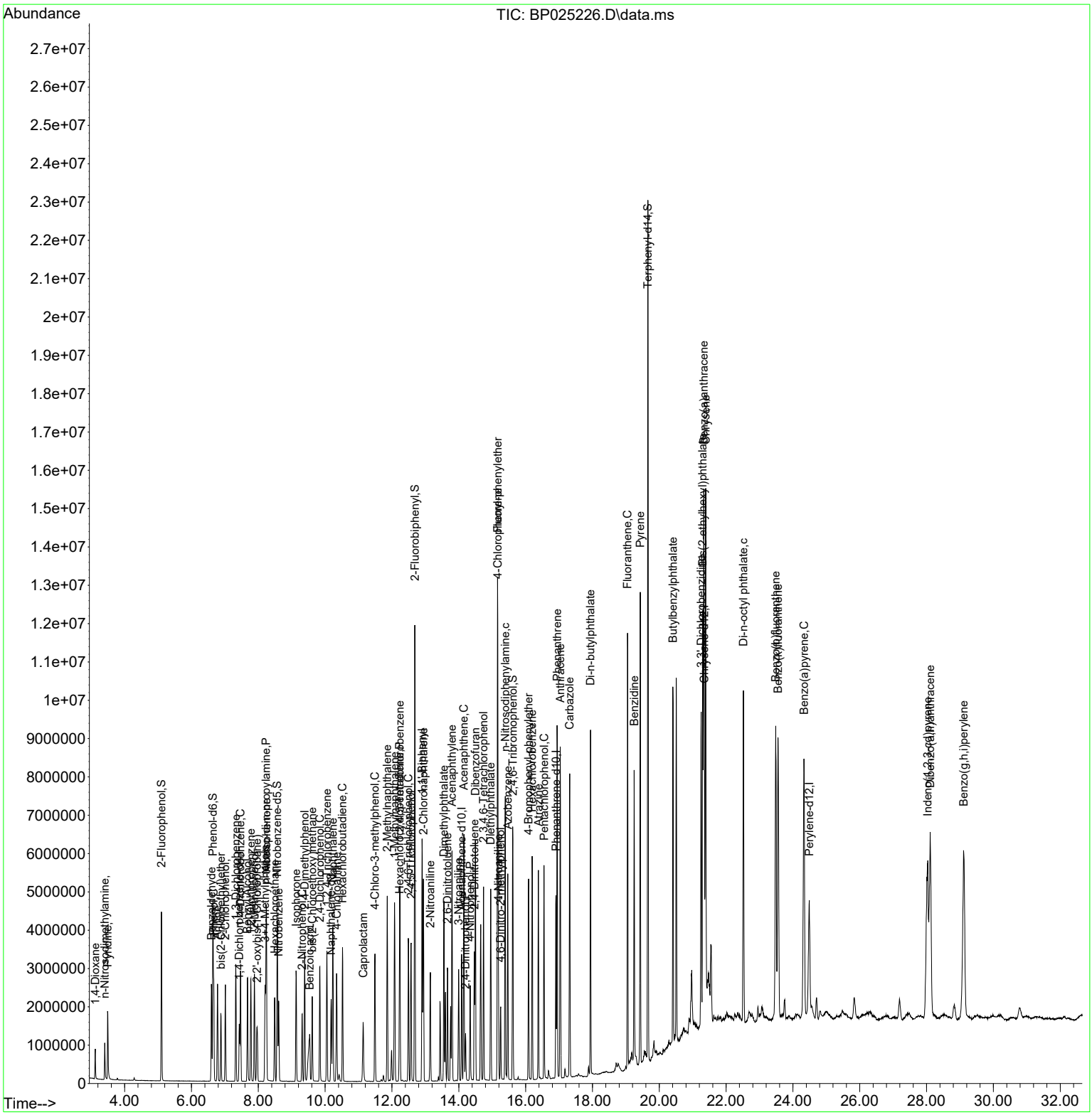
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

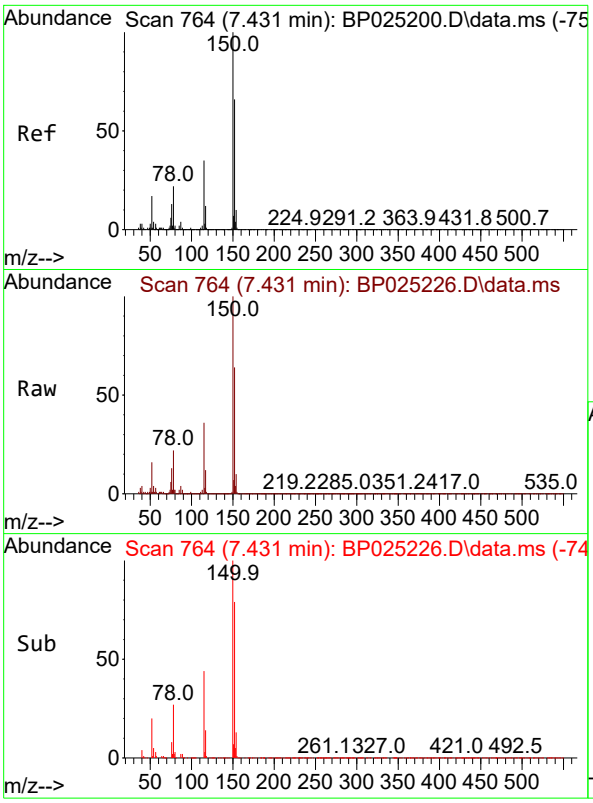
Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

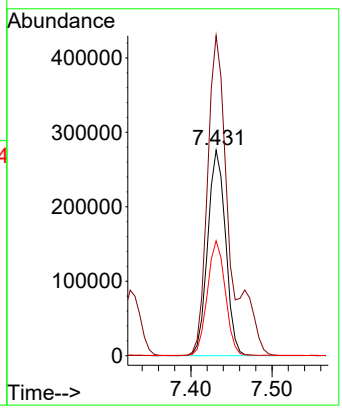





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:152 Resp: 42189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 121.9 | 182.9 |
| 115 | 55.9 | 43.0 | 64.6 |




**Instrument :**
BNA_P
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SSTDCCC040EC

**Manual Integrations**
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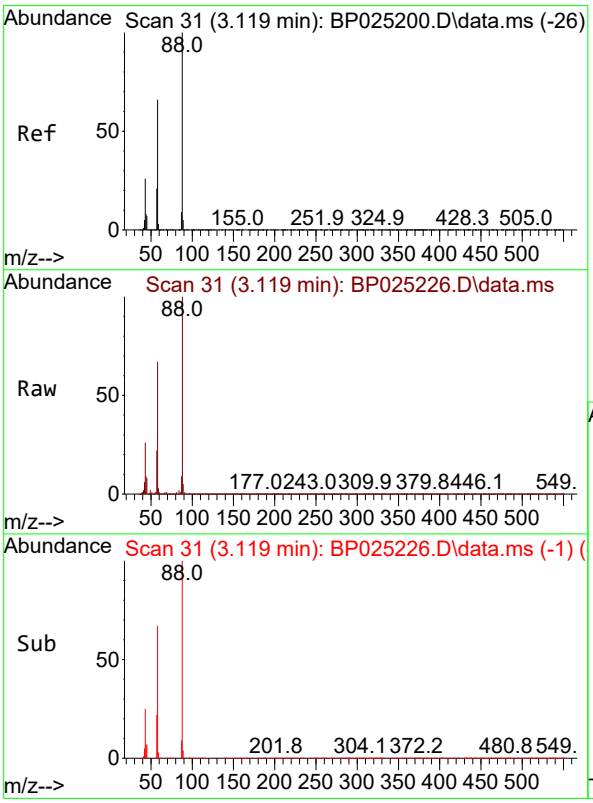
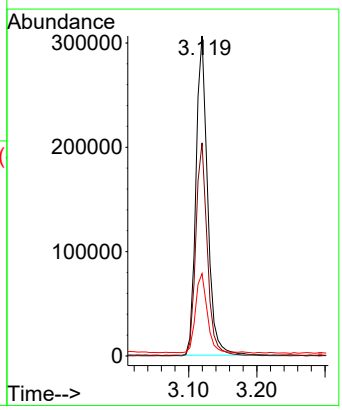
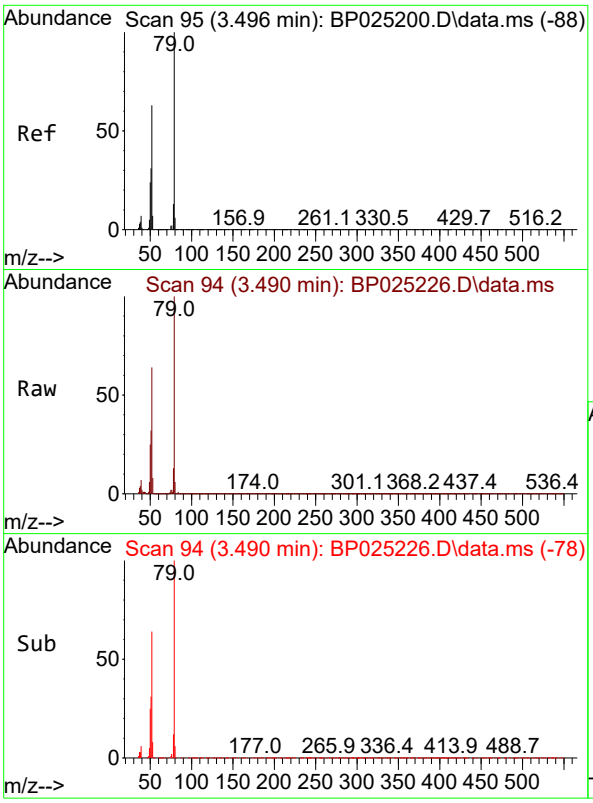



#2
1,4-Dioxane
Concen: 38.724 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 88 Resp: 362391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 53.5 | 80.3 |
| 43 | 24.9 | 20.8 | 31.2 |

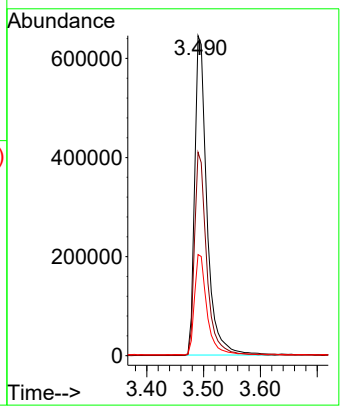





#3
Pyridine
Concen: 38.721 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 79 Resp: 97000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.5 | 50.2 | 75.4 |
| 51 | 31.6 | 25.0 | 37.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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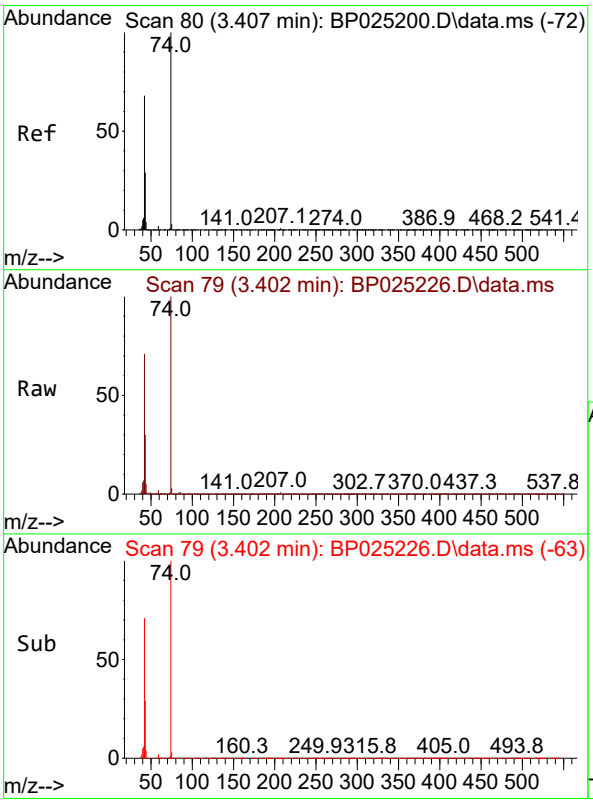
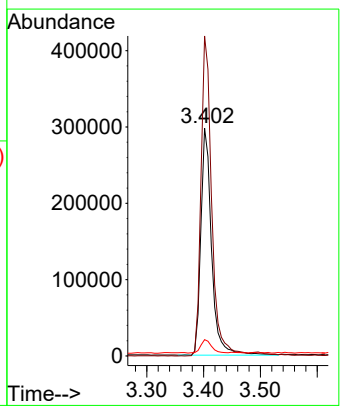
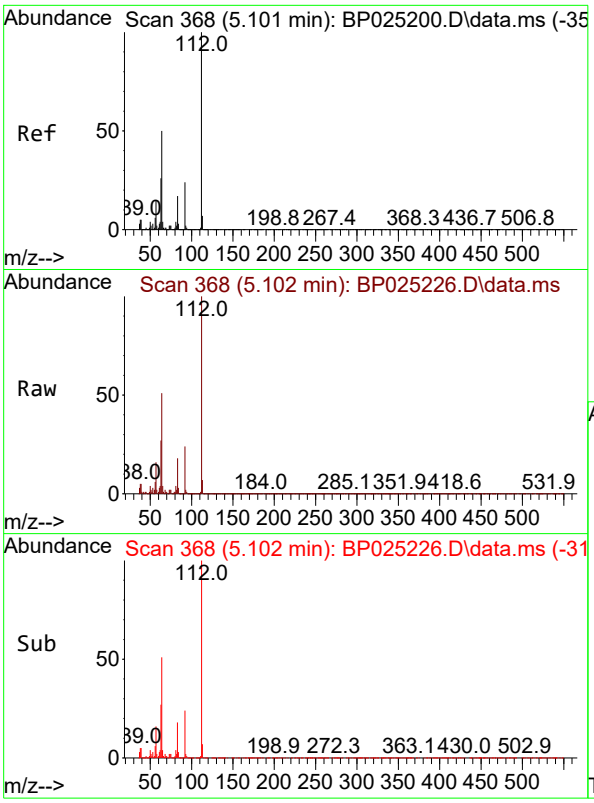



#4
n-Nitrosodimethylamine
Concen: 39.375 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 42 Resp: 391174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.4 | 118.0 | 177.0 |
| 44 | 7.1 | 5.5 | 8.3 |






#5
2-Fluorophenol
Concen: 79.254 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:112 Resp: 197894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.1 | 39.8 | 59.6 |
| 63 | 26.8 | 20.5 | 30.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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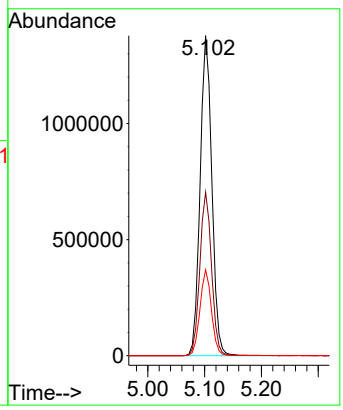
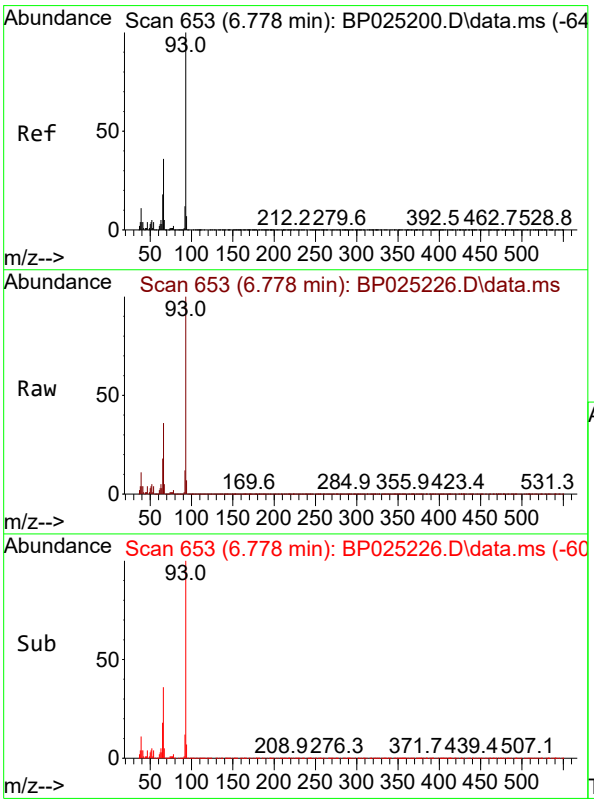
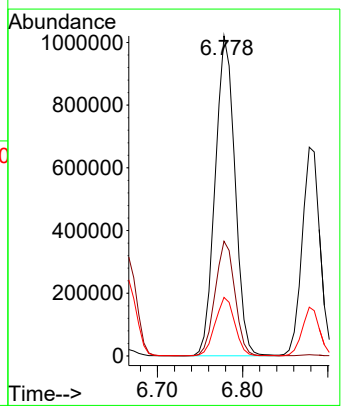


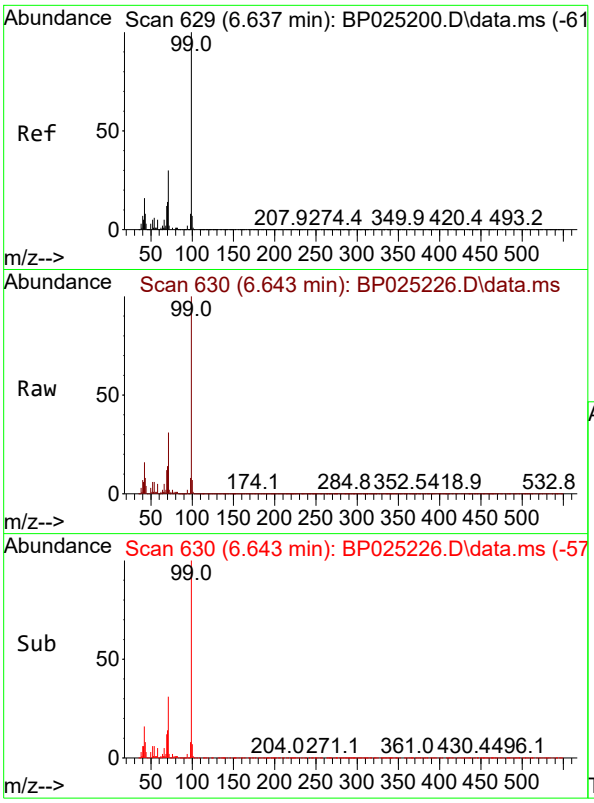




#6
Aniline
Concen: 40.717 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1645967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.8 | 28.6 | 43.0 |
| 65 | 18.3 | 14.6 | 21.8 |

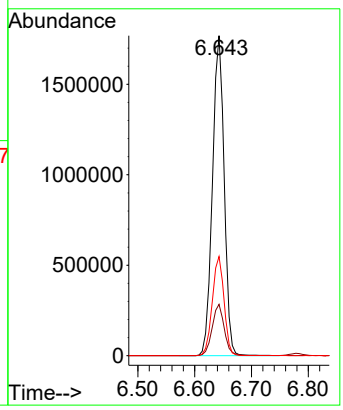





#7
Phenol-d6
Concen: 81.590 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 99 Resp: 252324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.5 | 18.7 |
| 71 | 31.0 | 24.2 | 36.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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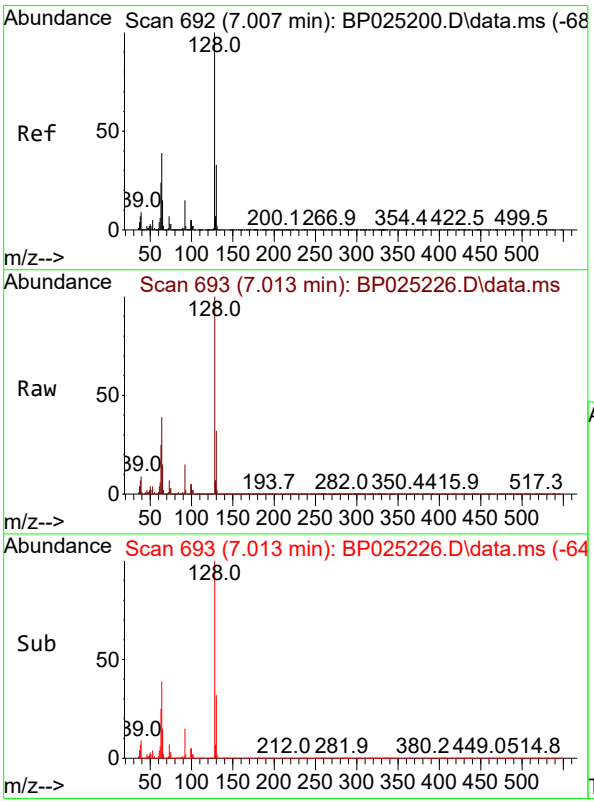
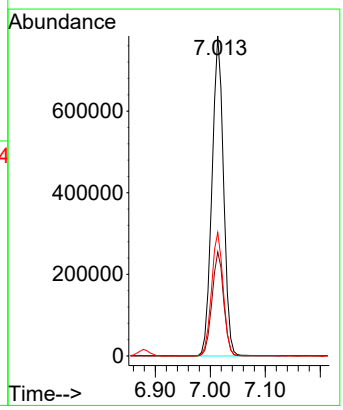
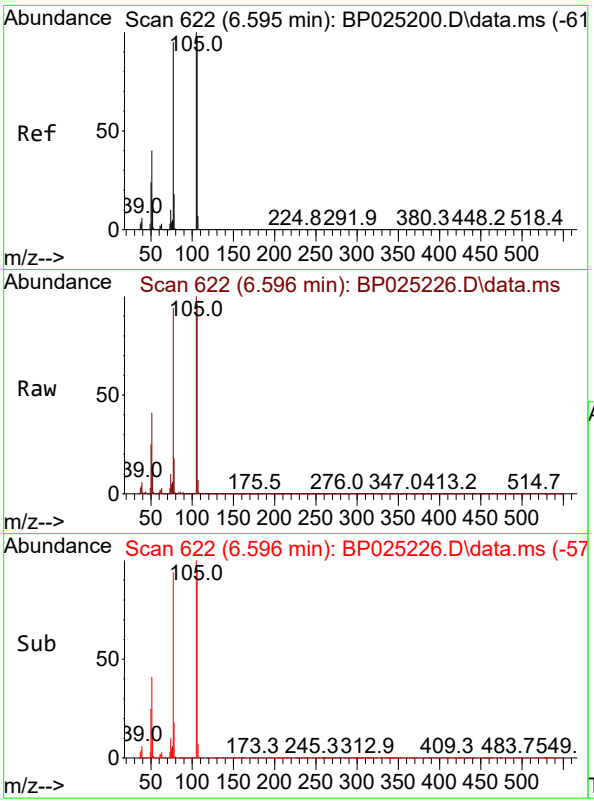



#8
2-Chlorophenol
Concen: 40.435 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 1145574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.9 | 52.9 |
| 64 | 38.6 | 19.2 | 59.2 |

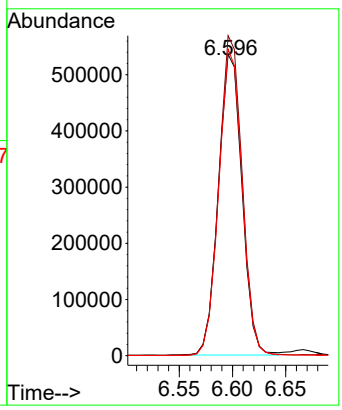





#9
Benzaldehyde
Concen: 39.187 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 82167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.1 | 85.5 | 125.5 |
| 106 | 101.6 | 81.9 | 121.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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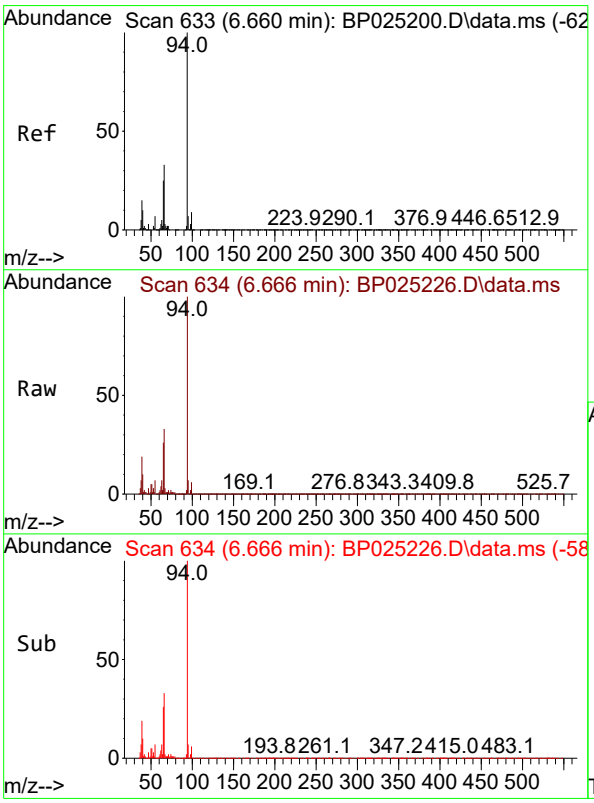
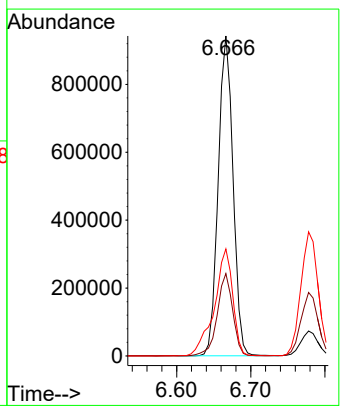
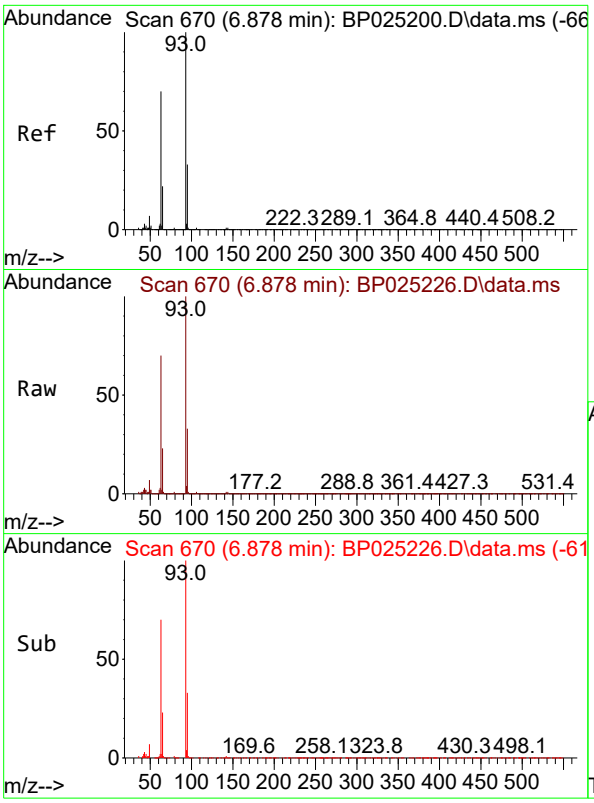



#10
Phenol
Concen: 40.854 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 94 Resp: 1310286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.8 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |

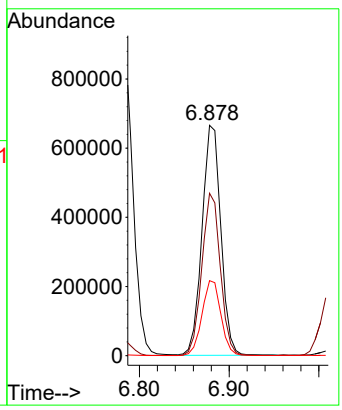





#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 96810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.5 | 50.0 | 90.0 |
| 95 | 32.6 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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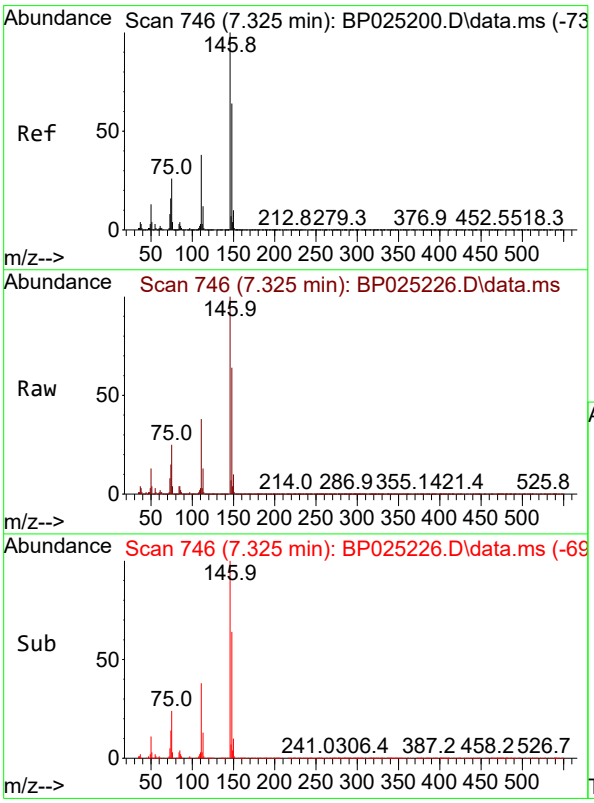
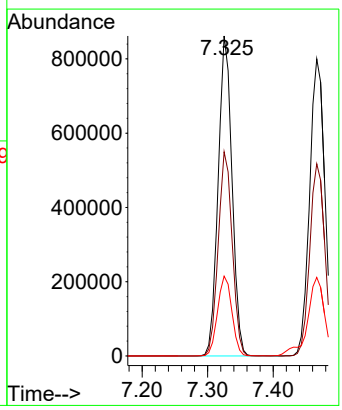
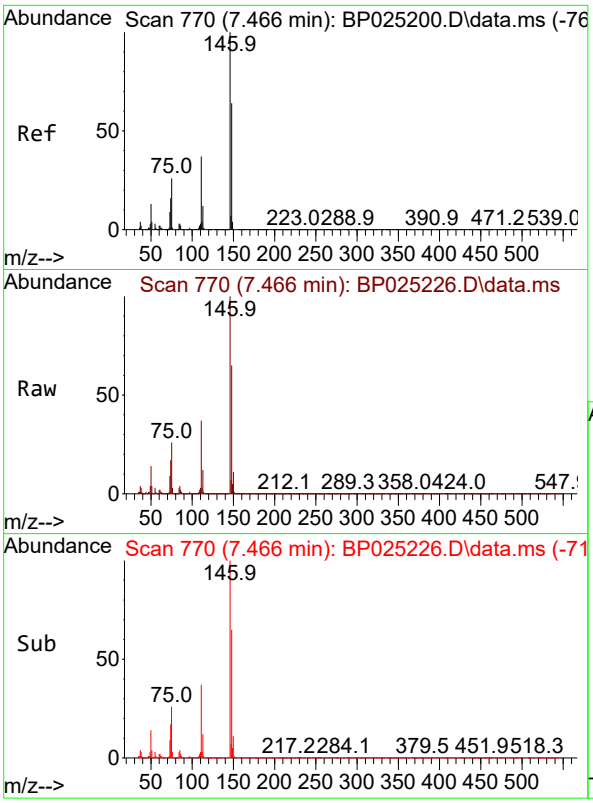



#12
1,3-Dichlorobenzene
Concen: 39.465 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1257357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.4 | 77.0 |
| 75 | 25.0 | 20.6 | 31.0 |

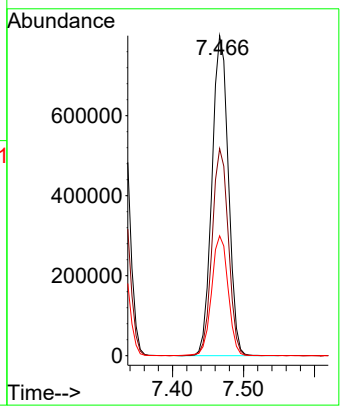





#13
1,4-Dichlorobenzene
Concen: 39.837 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 128114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 37.5 | 29.9 | 44.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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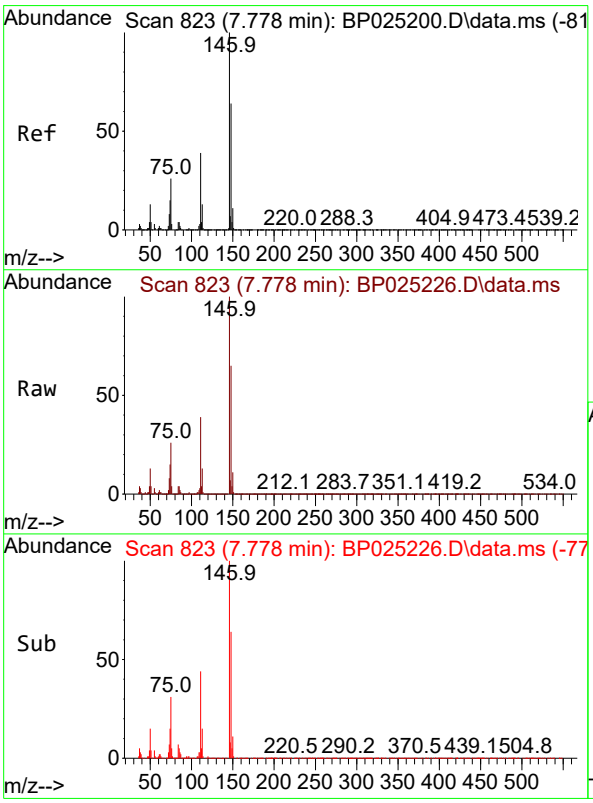
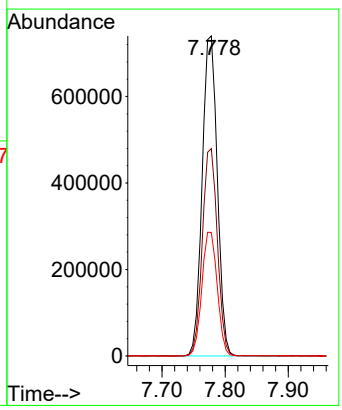
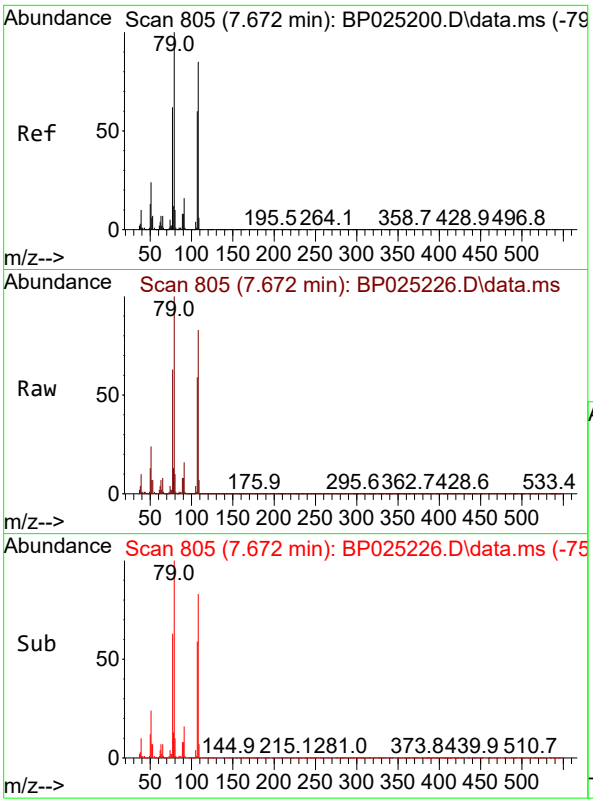



#14
1,2-Dichlorobenzene
Concen: 39.835 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1232371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.5 | 77.3 |
| 111 | 38.6 | 31.3 | 46.9 |






#15
Benzyl Alcohol
Concen: 40.996 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 79 Resp: 91452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.8 | 67.8 | 101.6 |
| 77 | 63.0 | 49.9 | 74.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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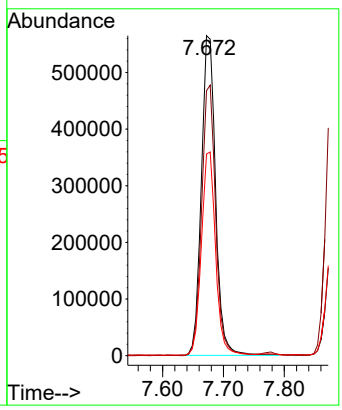
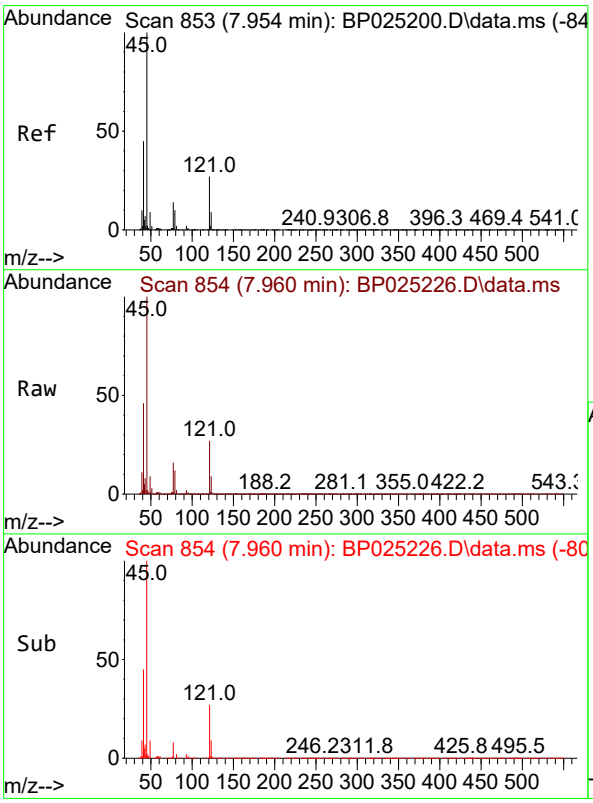
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

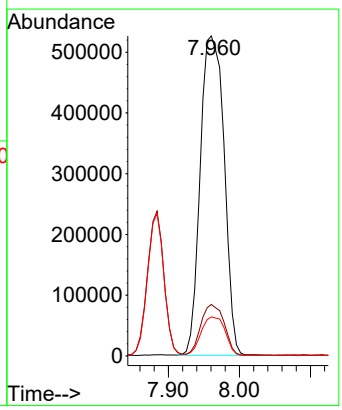


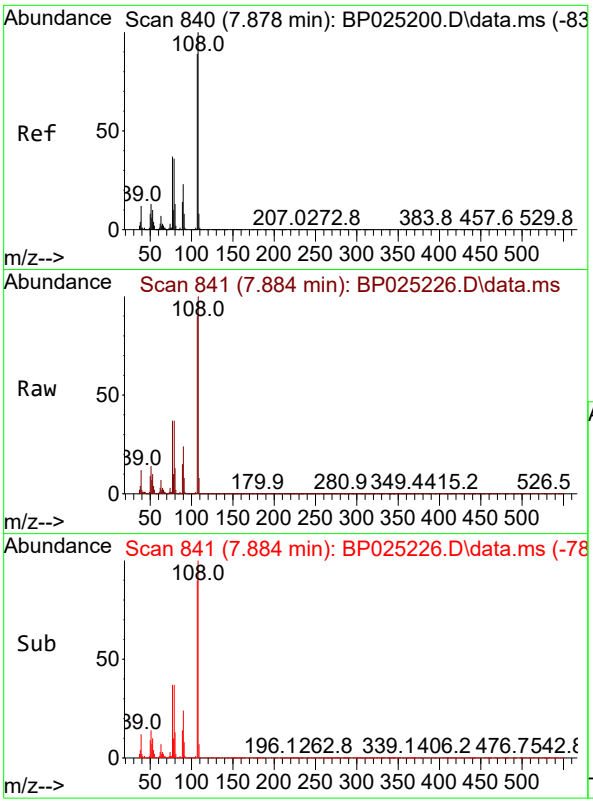




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.960 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 45 Resp: 1228018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.1 | 0.0 | 36.0 |
| 79 | 12.2 | 0.0 | 31.7 |

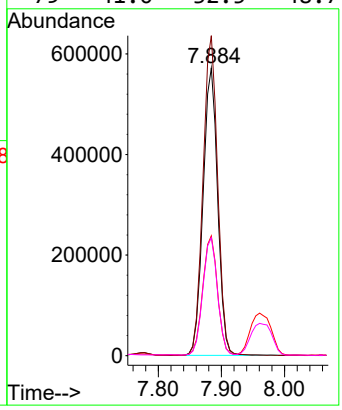





#17
2-Methylphenol
Concen: 41.301 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 91832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.2 | 89.8 | 134.8 |
| 77 | 41.7 | 33.2 | 49.8 |
| 79 | 41.0 | 32.5 | 48.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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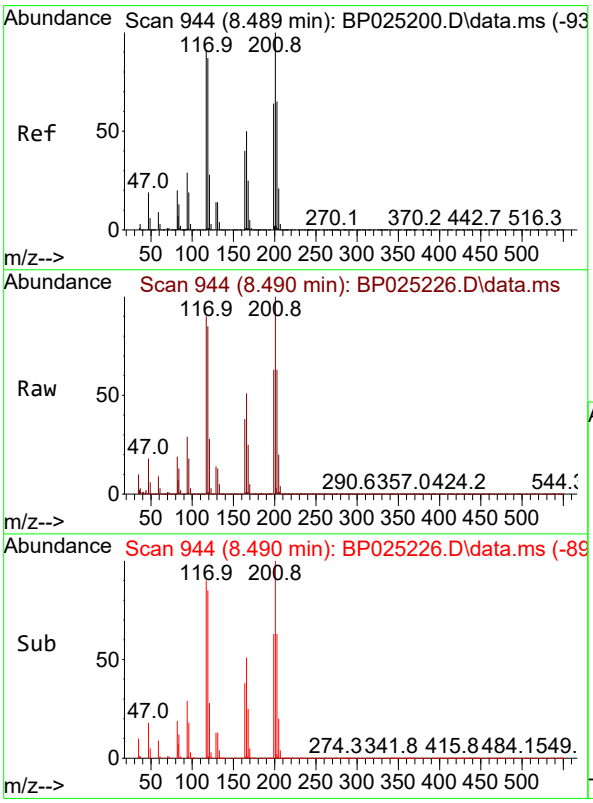
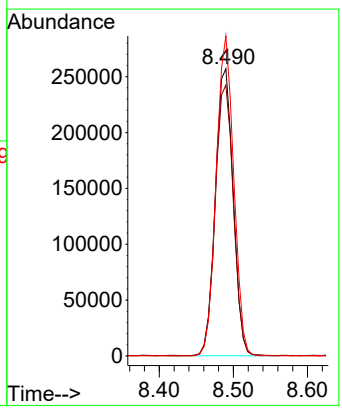
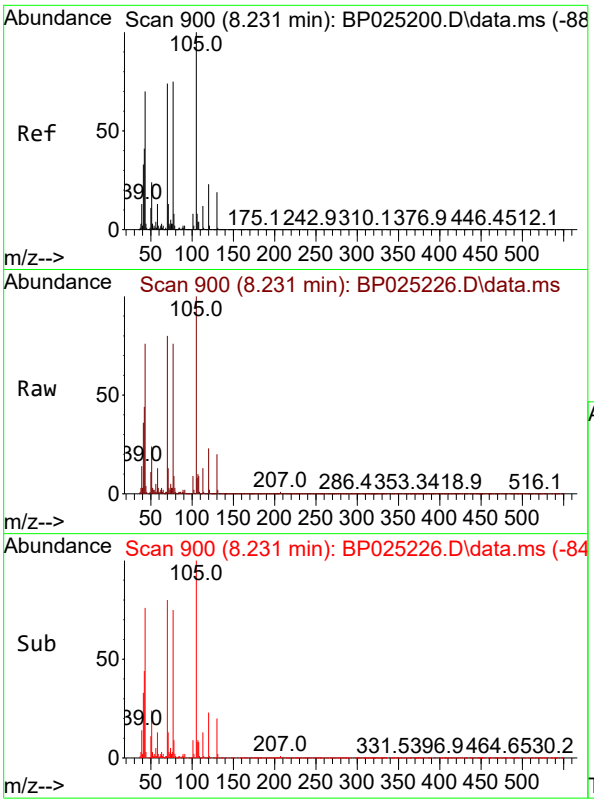



#18
Hexachloroethane
Concen: 38.843 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:117 Resp: 429581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 77.0 | 115.6 |
| 201 | 111.4 | 88.3 | 132.5 |

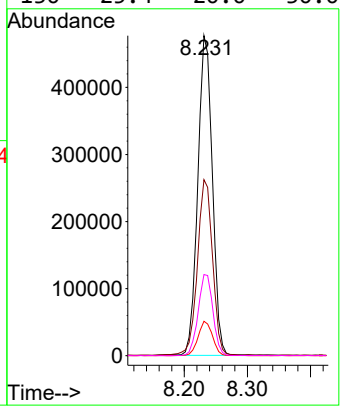





#19
n-Nitroso-di-n-propylamine
Concen: 41.006 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 70 Resp: 76290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.0 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 25.4 | 20.0 | 30.0 |




**Instrument :**
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**ClientSampleId :**
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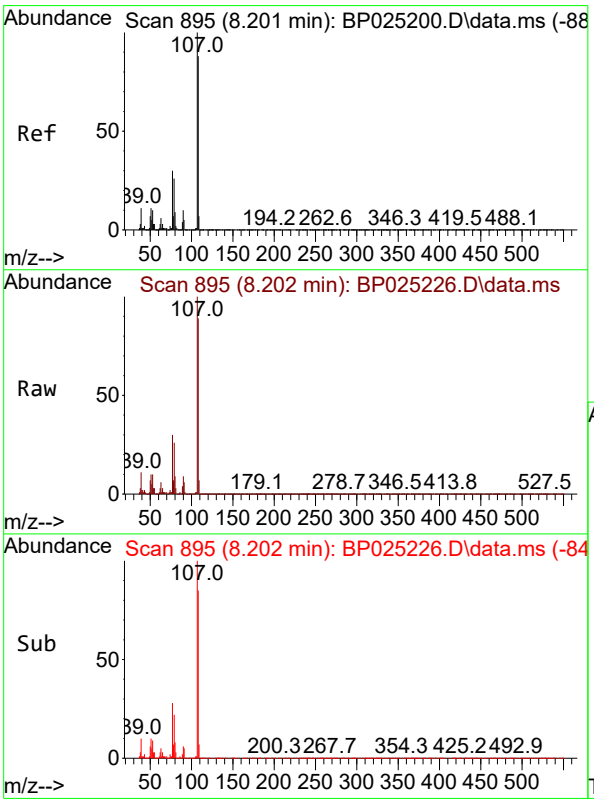
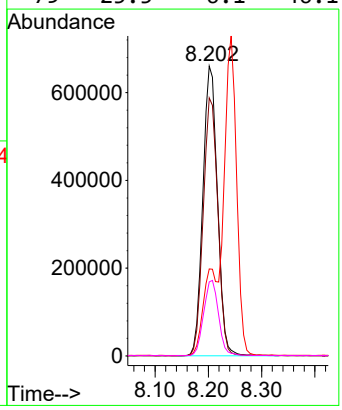
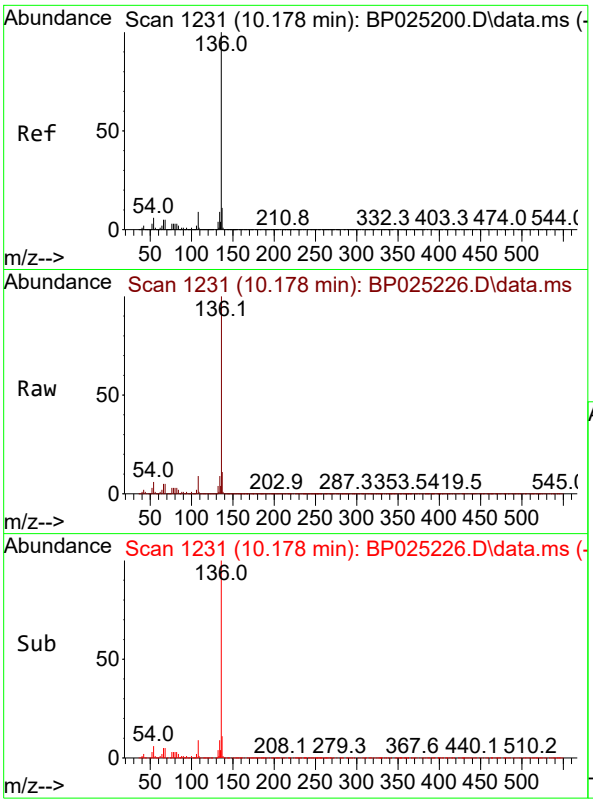



#20
3+4-Methylphenols
Concen: 41.404 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1255779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 67.8 | 107.8 |
| 77 | 30.0 | 10.3 | 50.3 |
| 79 | 25.5 | 6.1 | 46.1 |

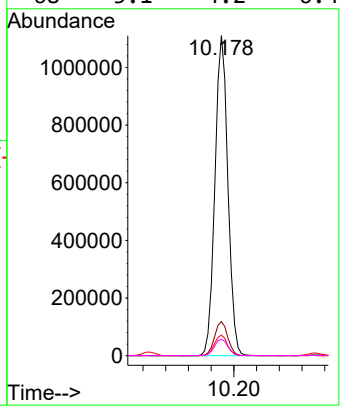





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:136 Resp: 175004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.1 | 4.2 | 6.4 |

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**ClientSampleId :**
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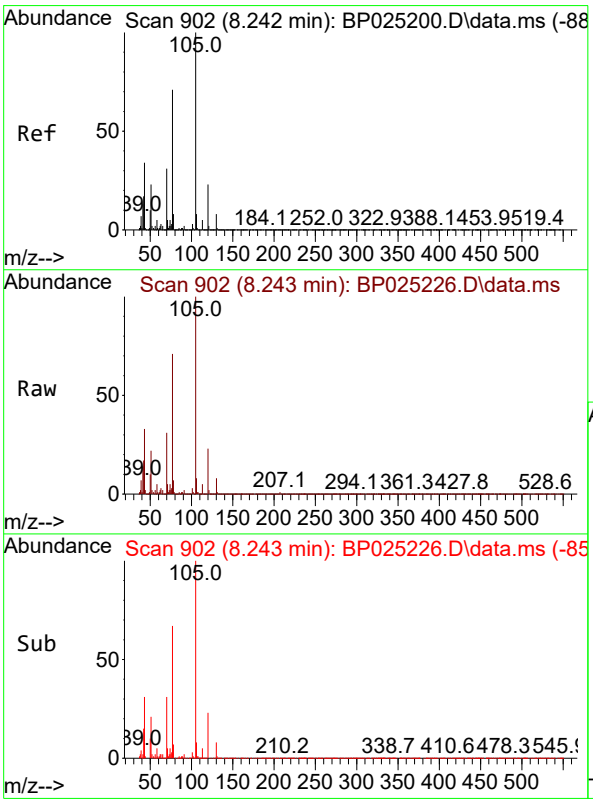
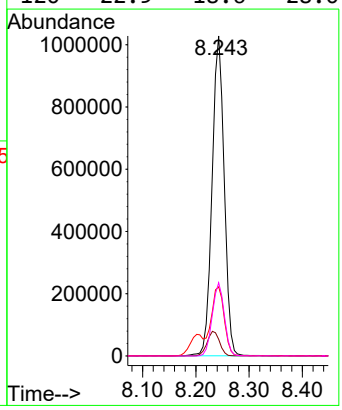
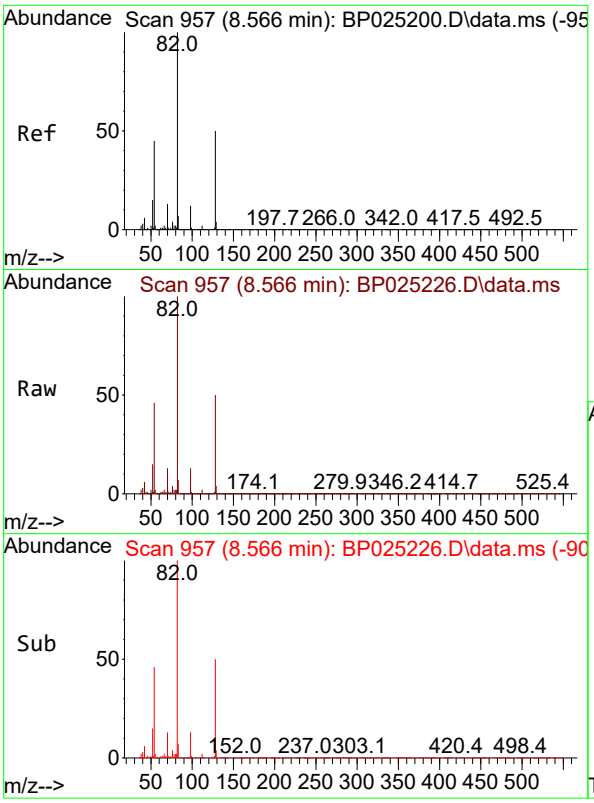



#22
Acetophenone
Concen: 39.934 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:105 Resp: 1626199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.2 | 4.1 | 6.1 |
| 51 | 21.6 | 18.5 | 27.7 |
| 120 | 22.9 | 18.6 | 28.0 |

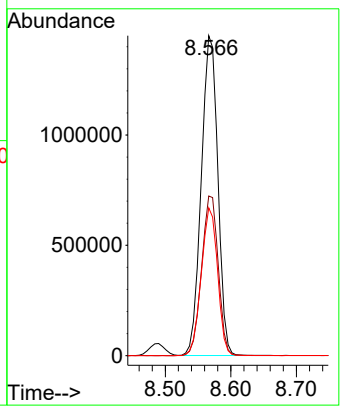





#23
Nitrobenzene-d5
Concen: 80.910 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 82 Resp: 254792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 40.2 | 60.4 |
| 54 | 46.2 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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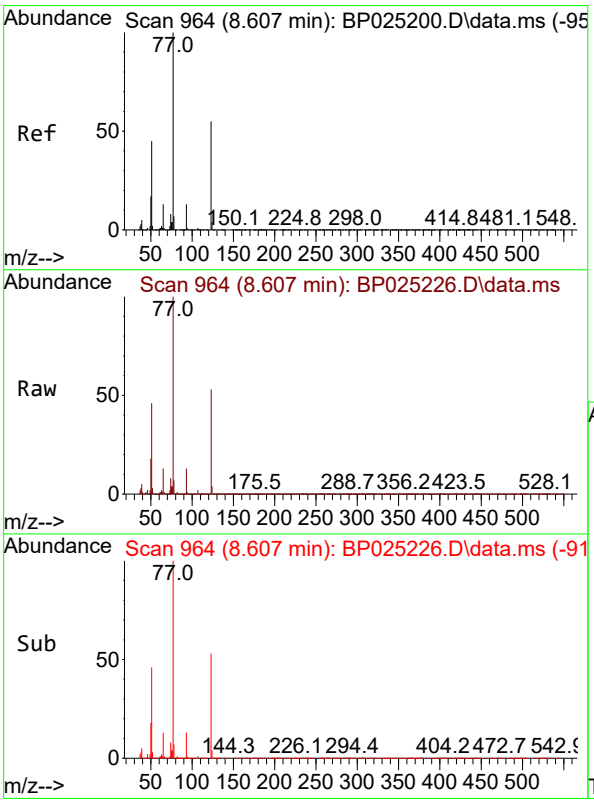
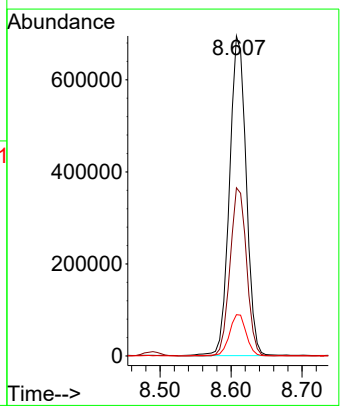
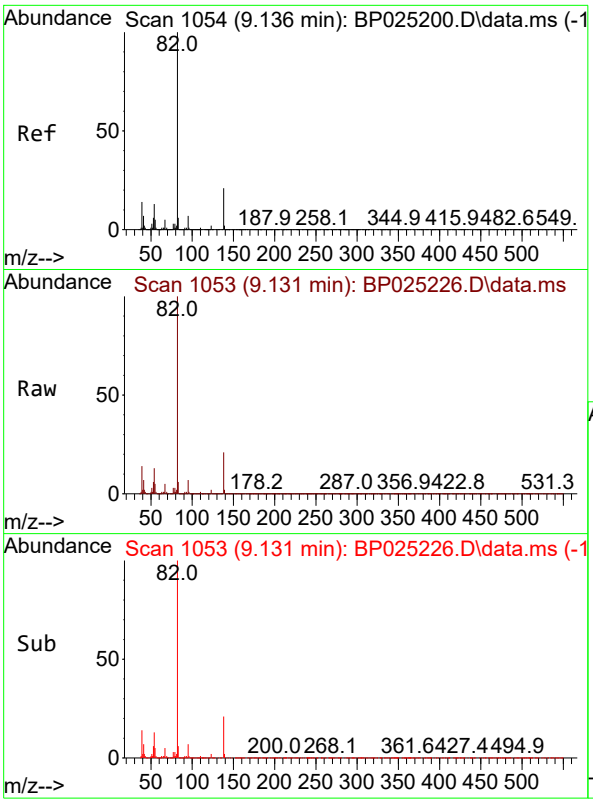



#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 1134306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.5 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |






#25
Isophorone
Concen: 39.102 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 216537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 20.6 | 16.6 | 25.0 |

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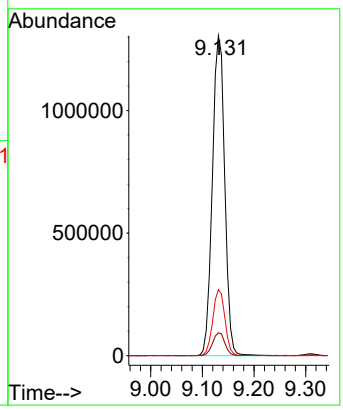
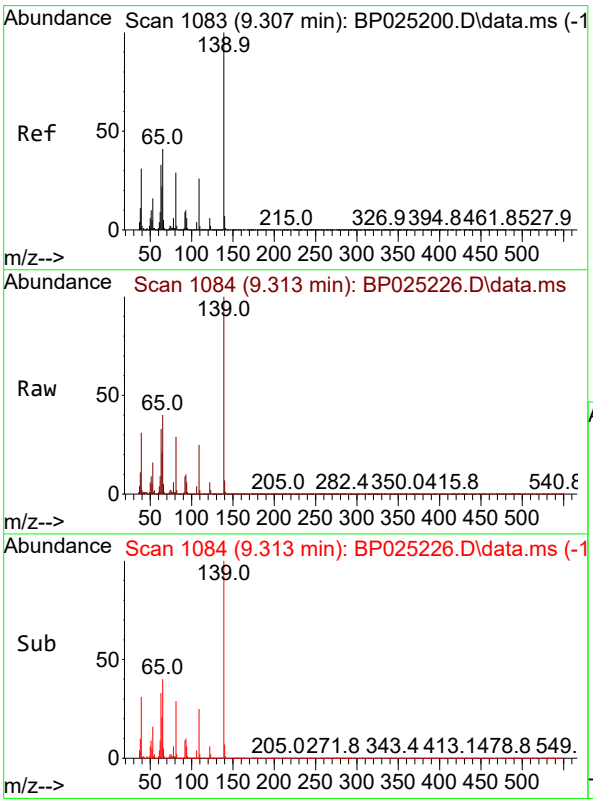
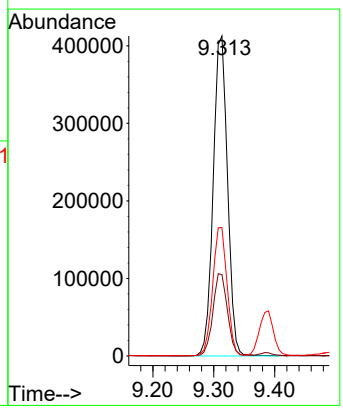


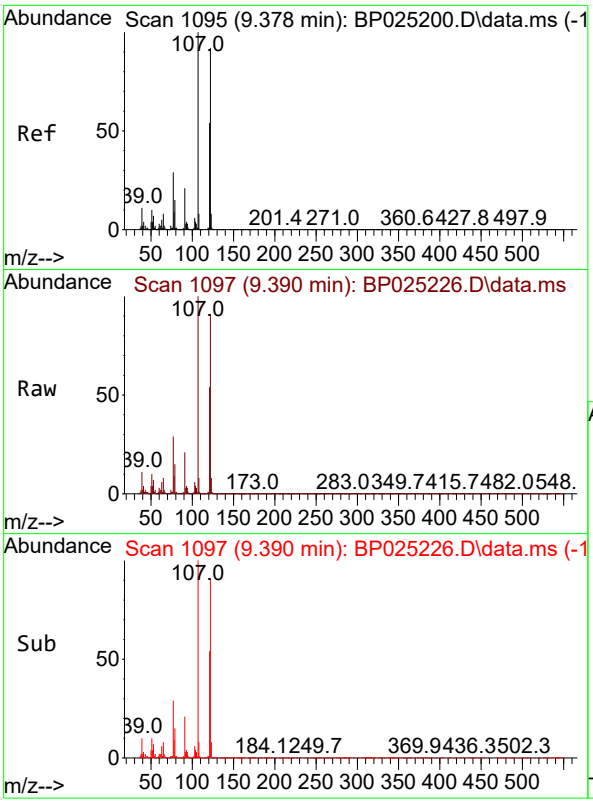




#26
2-Nitrophenol
Concen: 41.700 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 672219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.5 | 21.0 | 31.6 |
| 65 | 40.2 | 32.7 | 49.1 |






#27
2,4-Dimethylphenol
Concen: 40.348 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:122 Resp: 108835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.5 | 87.0 | 130.4 |
| 121 | 58.6 | 46.7 | 70.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
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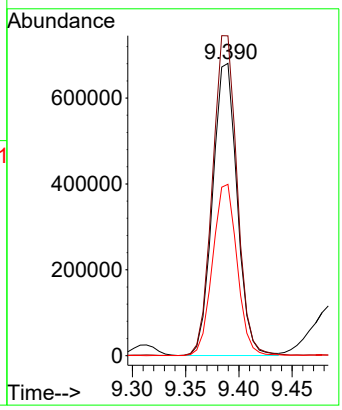
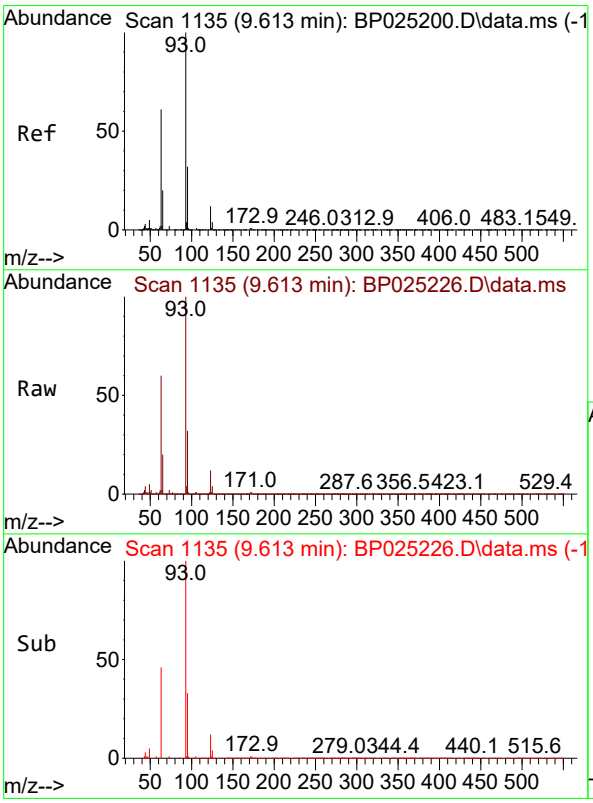
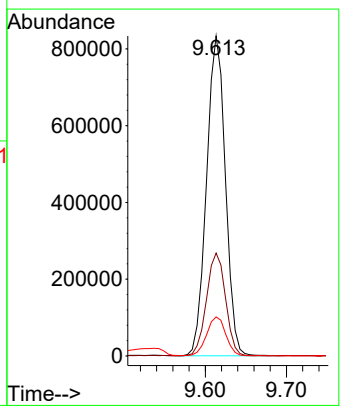


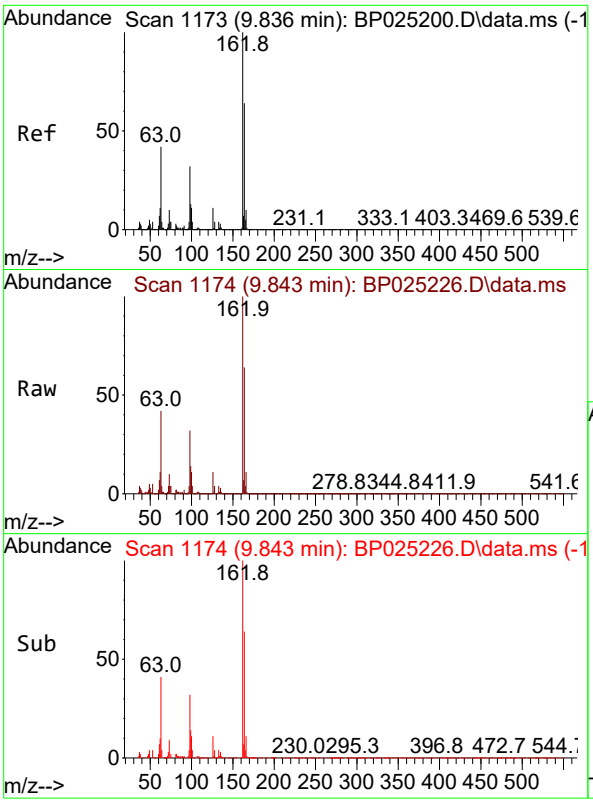




#28
bis(2-Chloroethoxy)methane
Concen: 38.771 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1342968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |






#29
2,4-Dichlorophenol
Concen: 41.112 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:162 Resp: 113927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 31.8 | 11.7 | 51.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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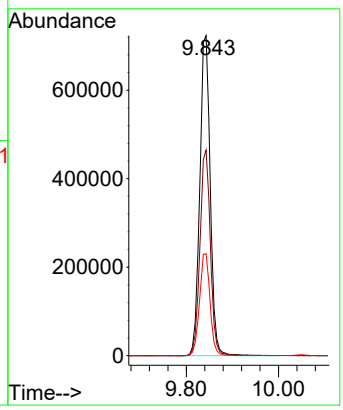
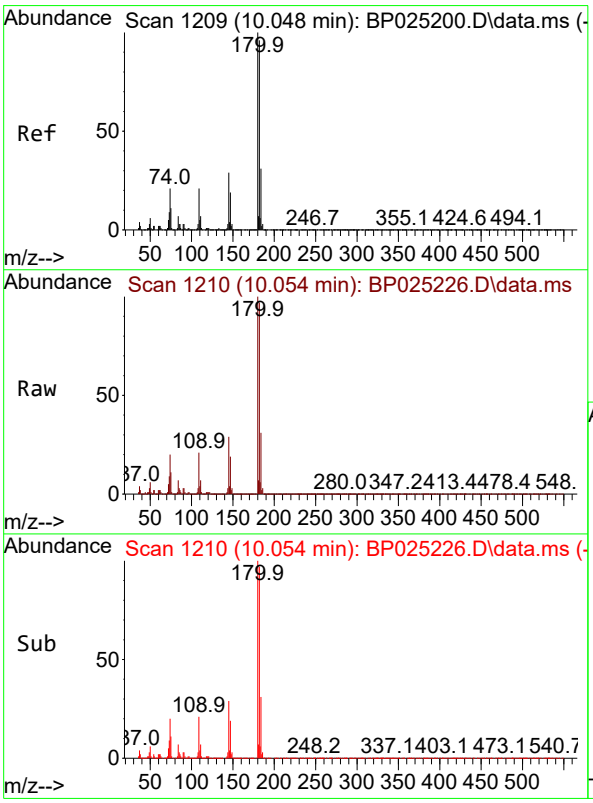
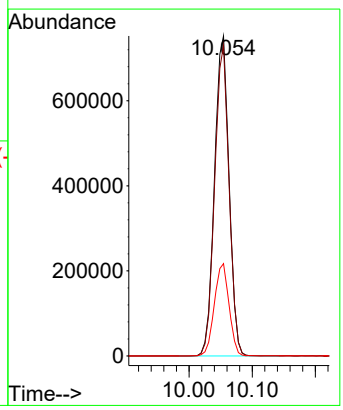


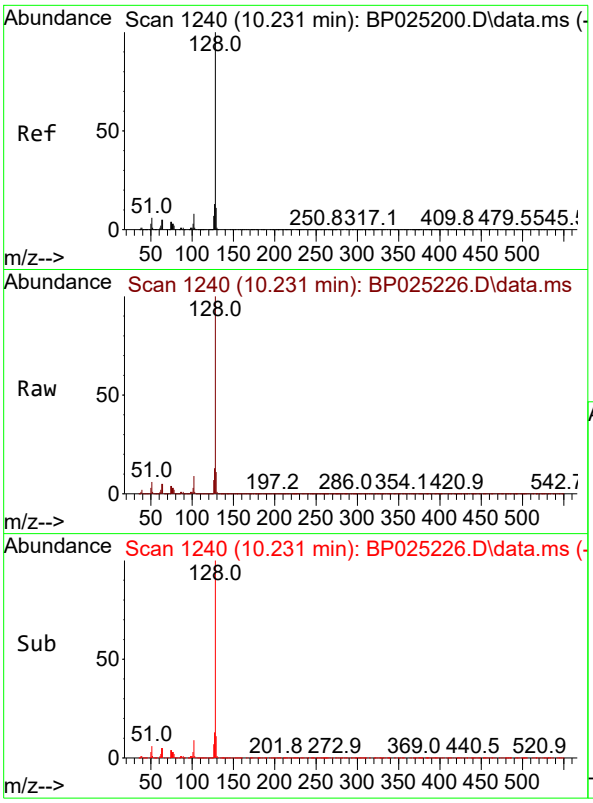




#30
1,2,4-Trichlorobenzene
Concen: 39.767 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:180 Resp: 1203645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 76.7 | 115.1 |
| 145 | 28.8 | 23.5 | 35.3 |

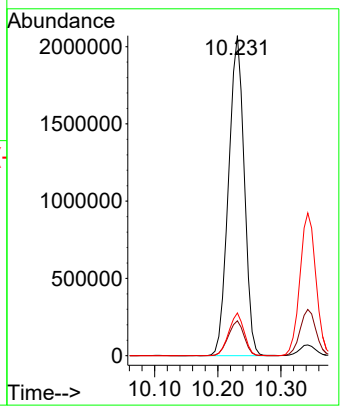





#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 356965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.4 |
| 127 | 13.4 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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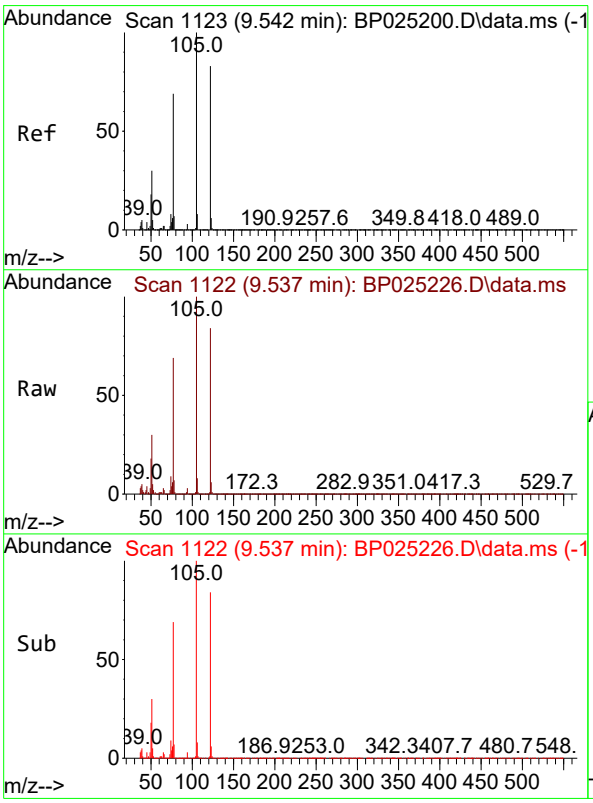
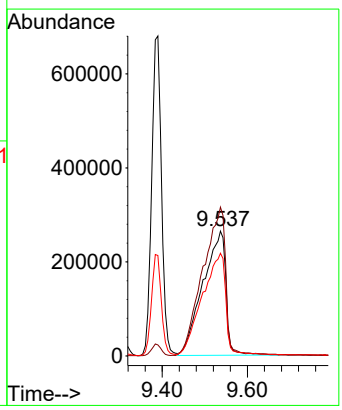
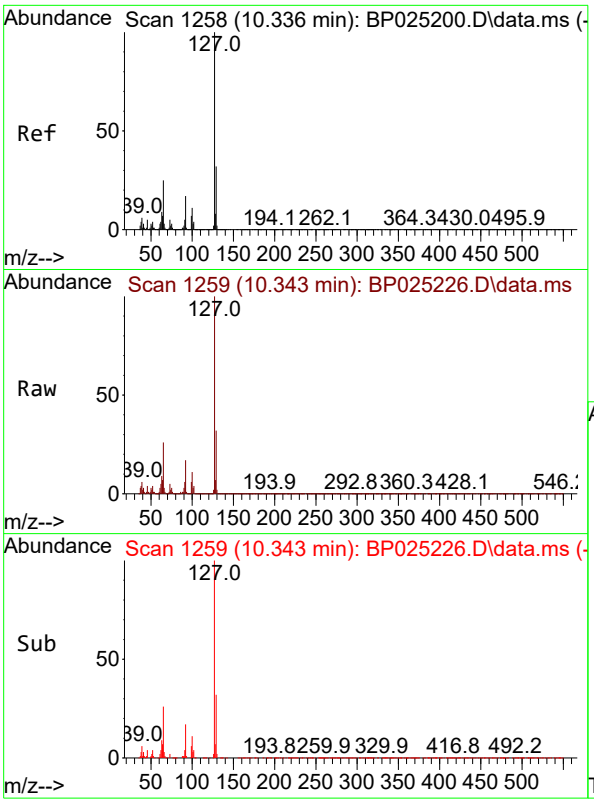



#32
Benzoic acid
Concen: 48.005 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:122 Resp: 988555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.2 | 98.1 | 138.1 |
| 77 | 82.4 | 62.7 | 102.7 |

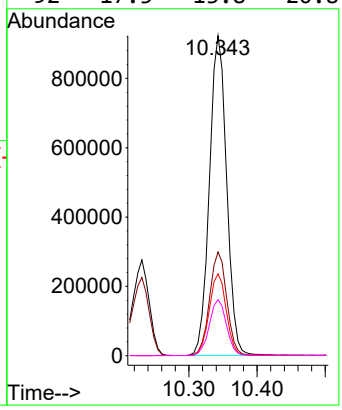





#33
4-Chloroaniline
Concen: 41.255 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:127 Resp: 162399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.9 | 38.9 |
| 65 | 25.6 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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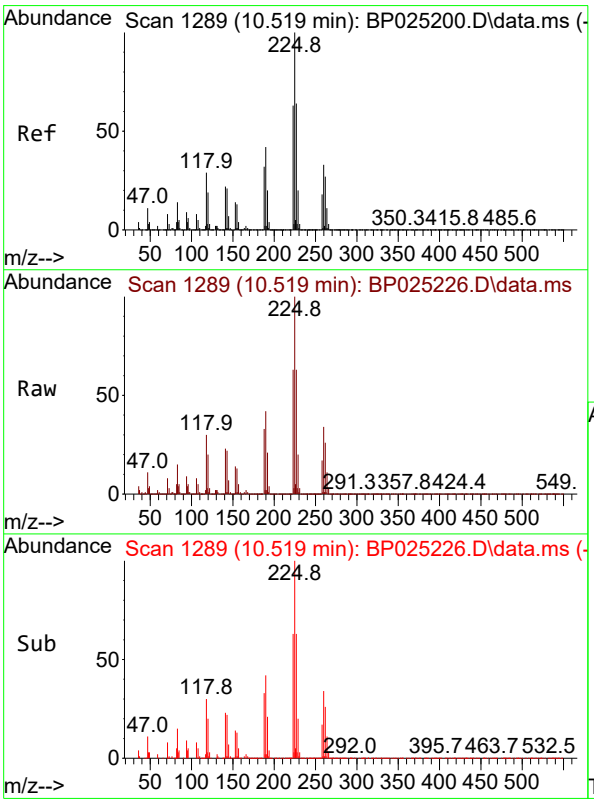
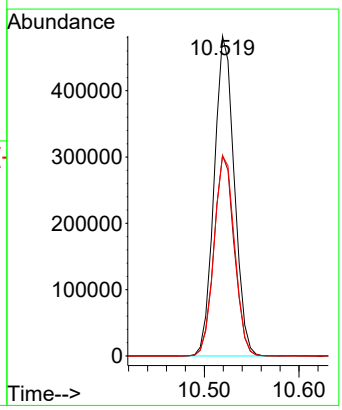
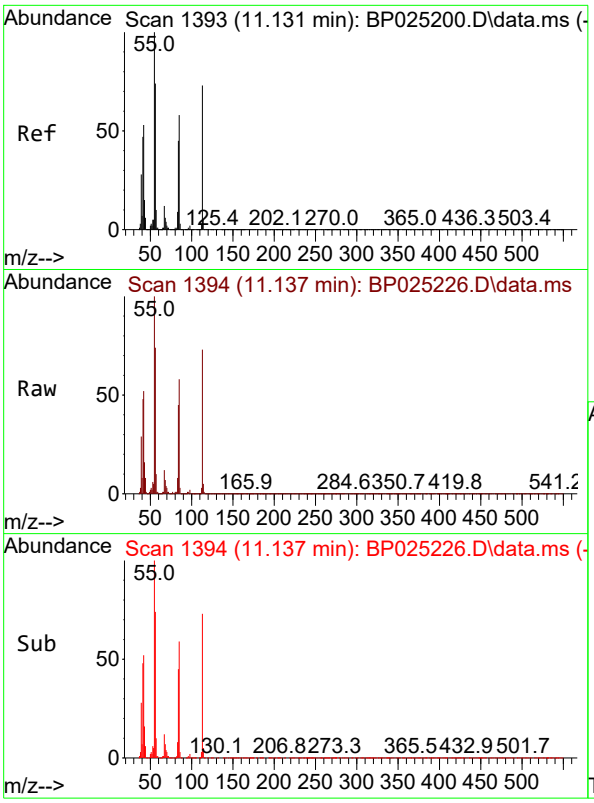



#34
Hexachlorobutadiene
Concen: 39.161 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:225 Resp: 713422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 50.1 | 75.1 |
| 227 | 62.6 | 51.4 | 77.0 |






#35
Caprolactam
Concen: 42.101 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:113 Resp: 38721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.6 | 117.6 | 157.6 |
| 56 | 101.7 | 82.4 | 122.4 |

**Instrument :**
BNA_P
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SSTDCCC040EC

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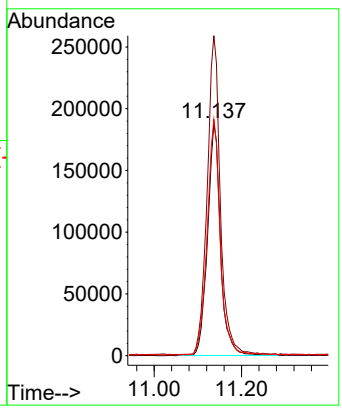
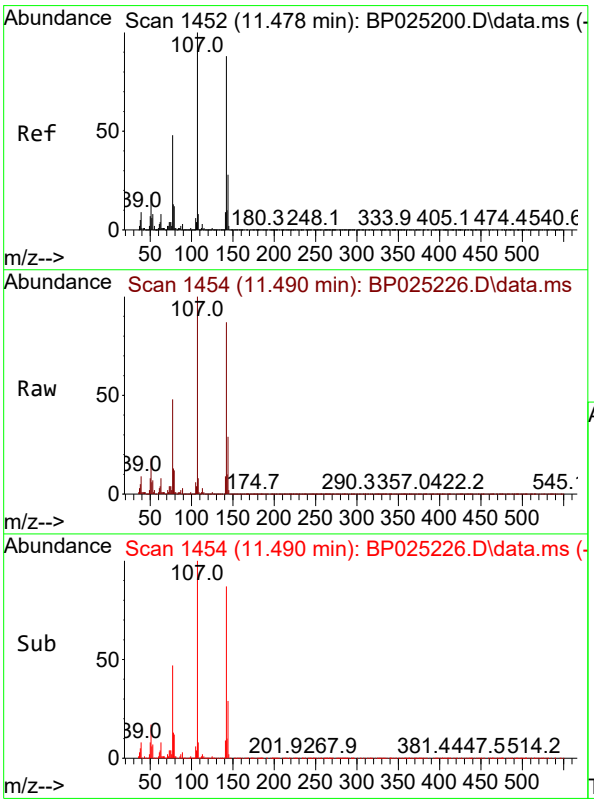
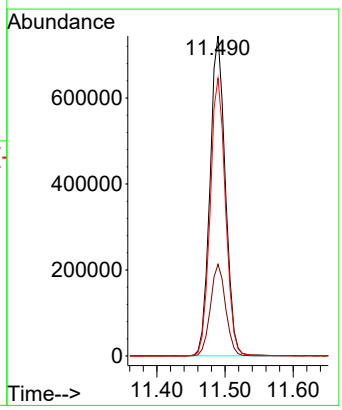


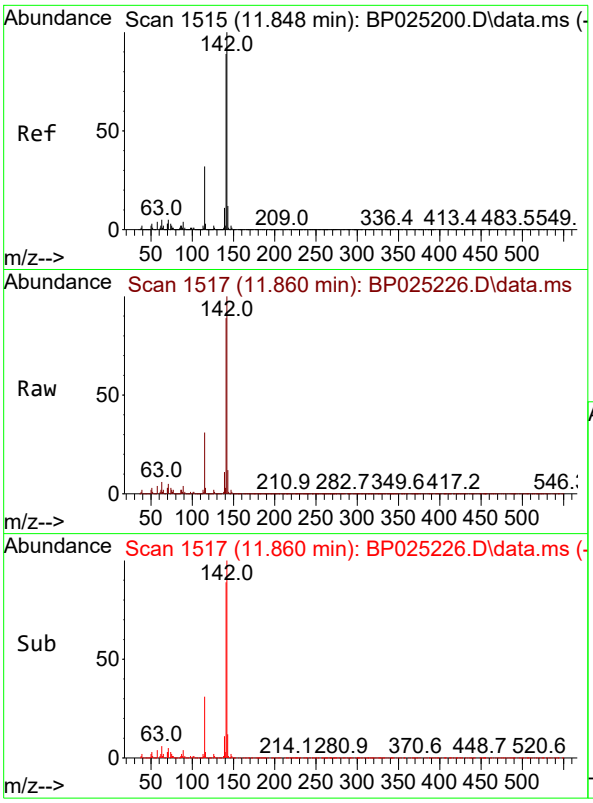




#36
4-Chloro-3-methylphenol
Concen: 42.016 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1163924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.7 | 22.5 | 33.7 |
| 142 | 86.8 | 70.6 | 105.8 |

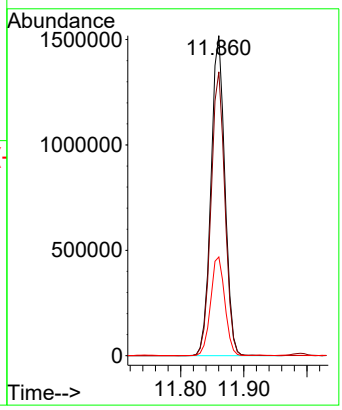





#37
2-Methylnaphthalene
Concen: 39.858 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 231776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.2 | 106.8 |
| 115 | 30.9 | 25.3 | 37.9 |




**Instrument :**
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**ClientSampleId :**
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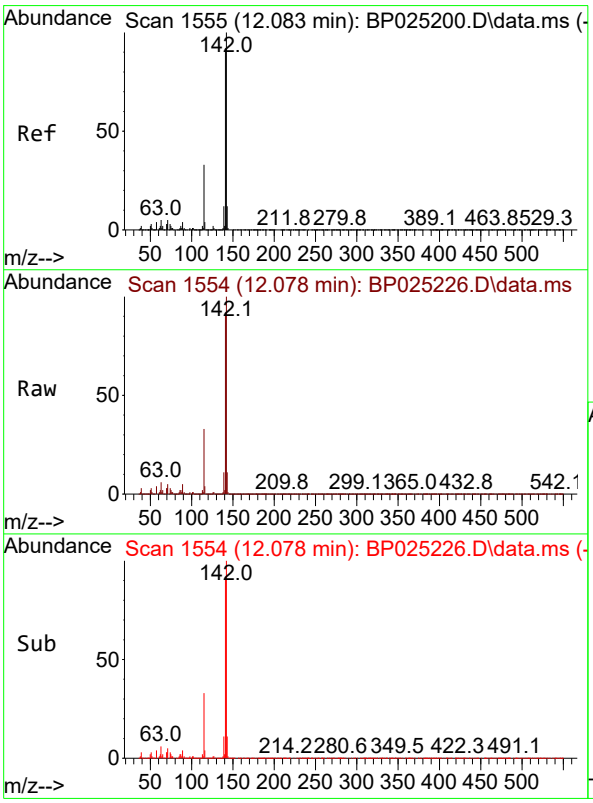
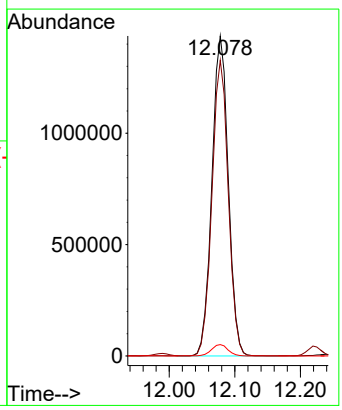
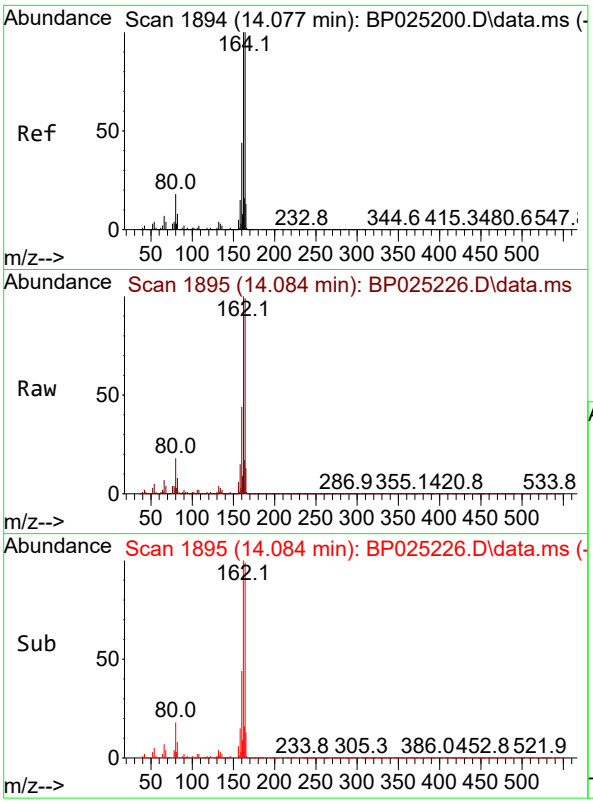



#38
1-Methylnaphthalene
Concen: 40.690 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 2485497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |

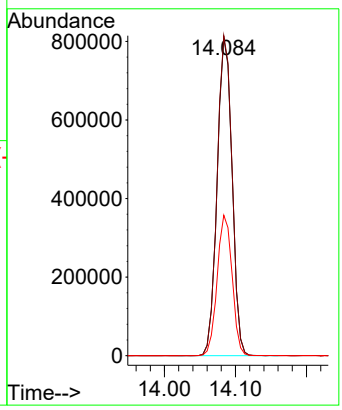





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:164 Resp: 117431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.3 | 120.5 |
| 160 | 44.2 | 35.7 | 53.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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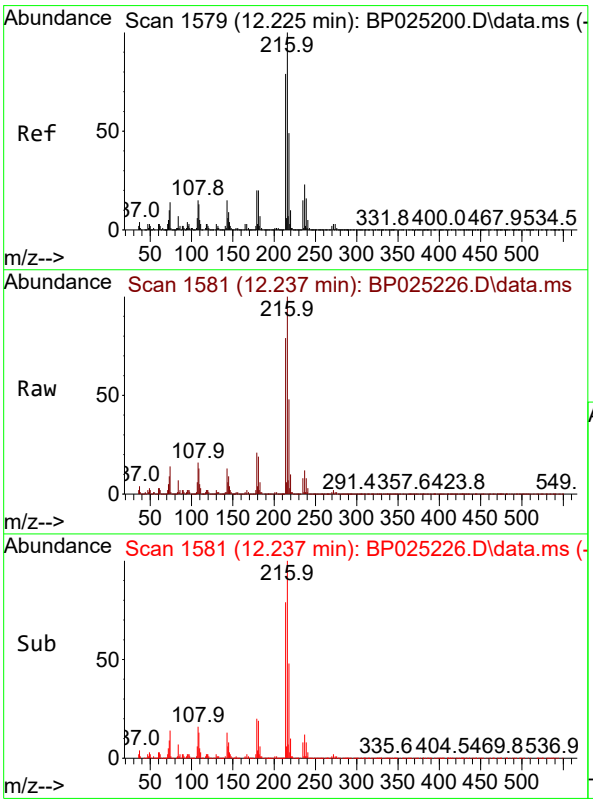
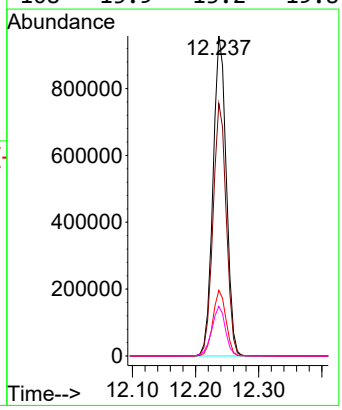
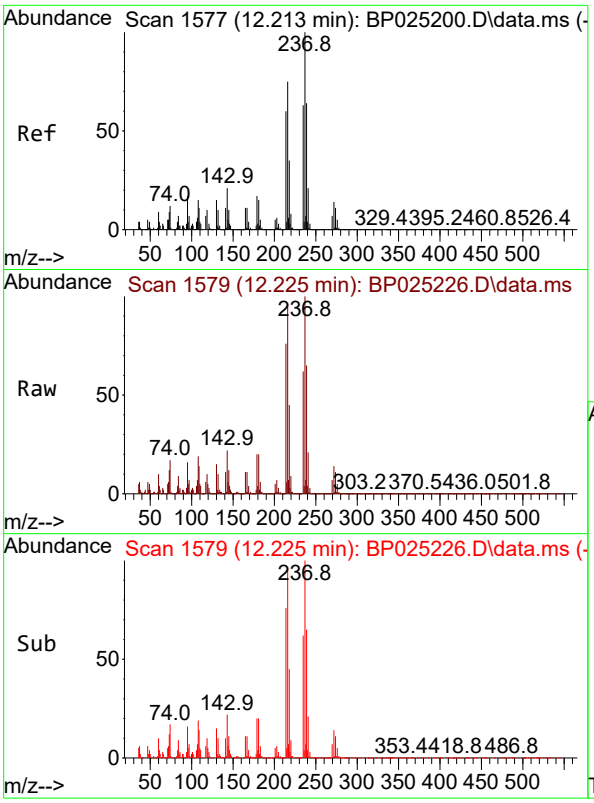



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.638 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:216 Resp: 1395264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 15.9 | 13.2 | 19.8 |






#41
Hexachlorocyclopentadiene
Concen: 26.642 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:237 Resp: 55982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.5 | 42.7 | 82.7 |
| 272 | 13.9 | 0.0 | 33.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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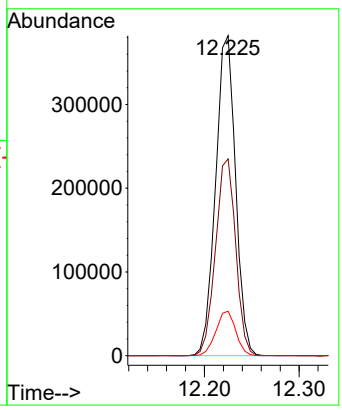
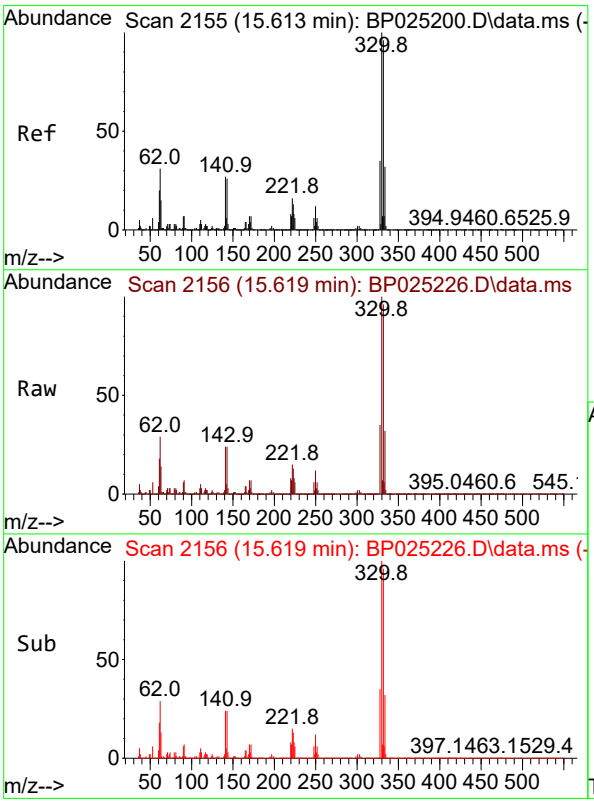
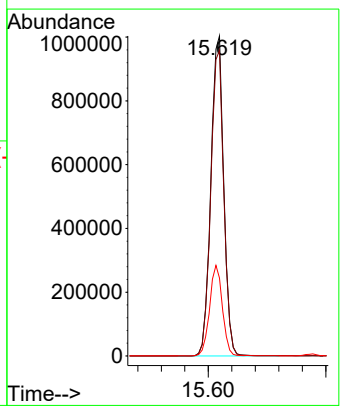


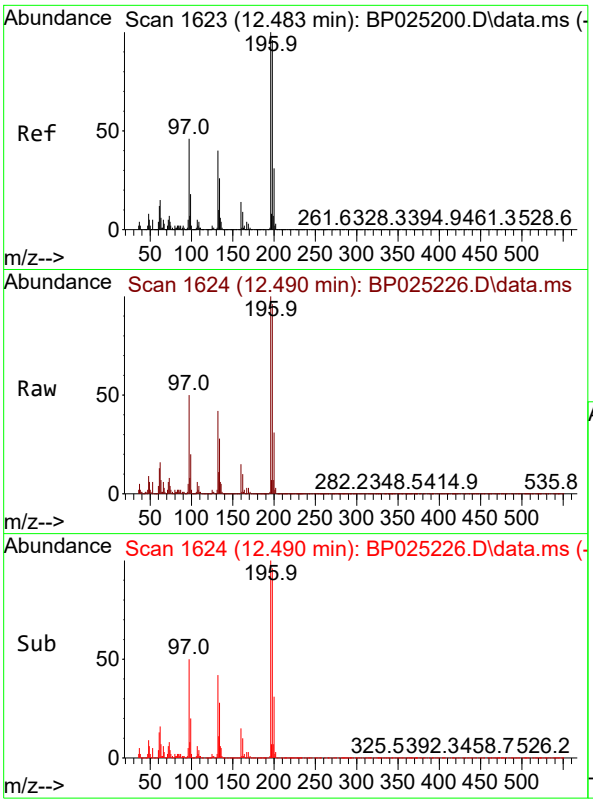




#42
2,4,6-Tribromophenol
Concen: 88.010 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:330 Resp: 1523626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 28.0 | 22.4 | 33.6 |

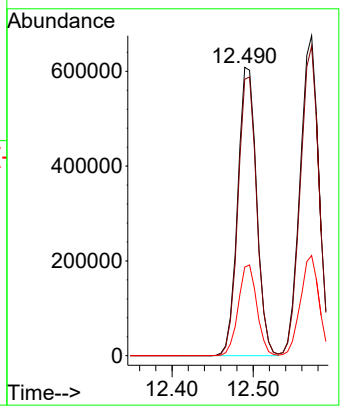





#43
2,4,6-Trichlorophenol
Concen: 40.841 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:196 Resp: 98227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.6 | 114.8 |
| 200 | 30.7 | 24.7 | 37.1 |

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BNA_P
**ClientSampleId :**
SSTDCCC040EC

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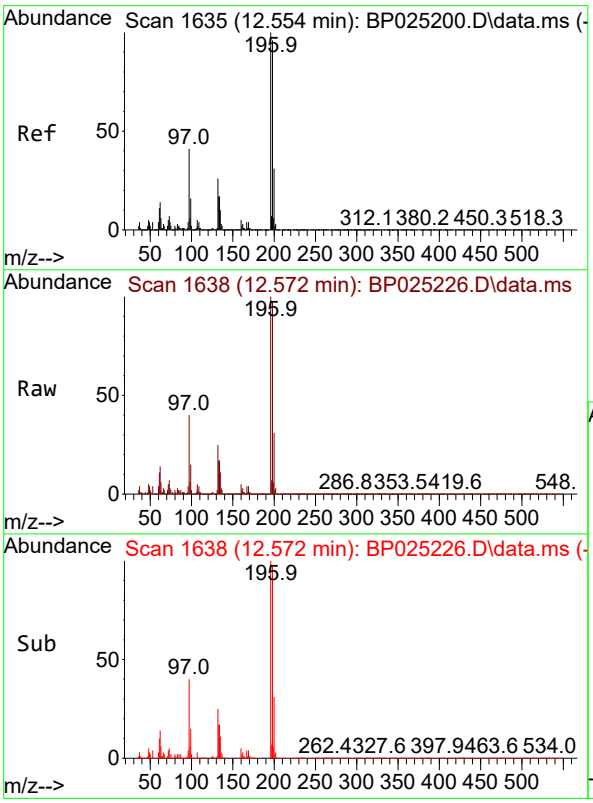
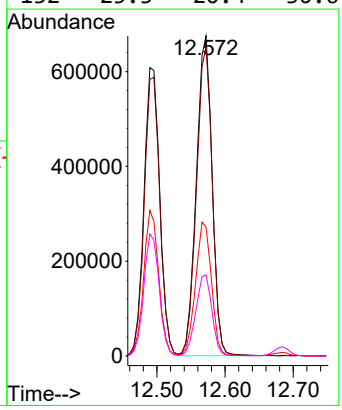
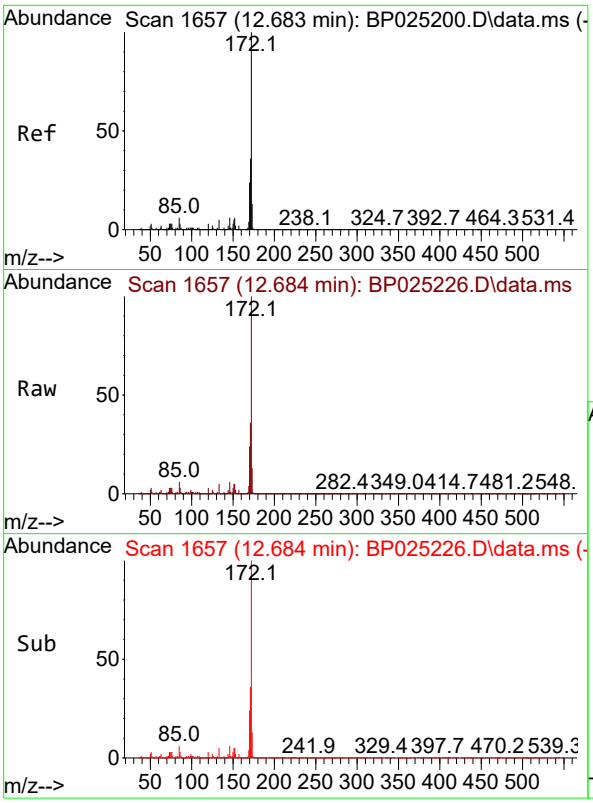



#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:196 Resp: 1087142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 76.7 | 115.1 |
| 97 | 40.2 | 33.0 | 49.4 |
| 132 | 25.3 | 20.4 | 30.6 |

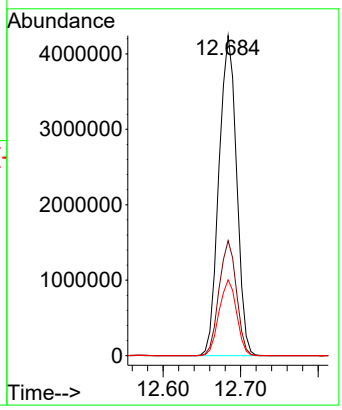





#45
2-Fluorobiphenyl
Concen: 80.519 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:172 Resp: 670688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.8 | 43.2 |
| 170 | 23.7 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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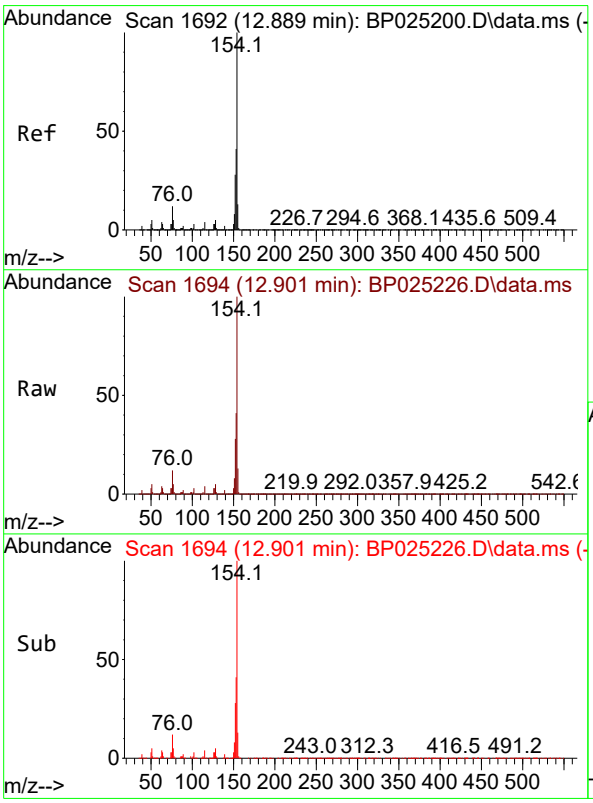
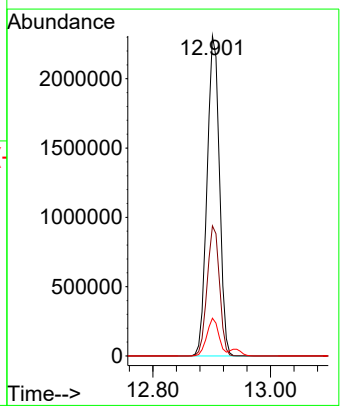
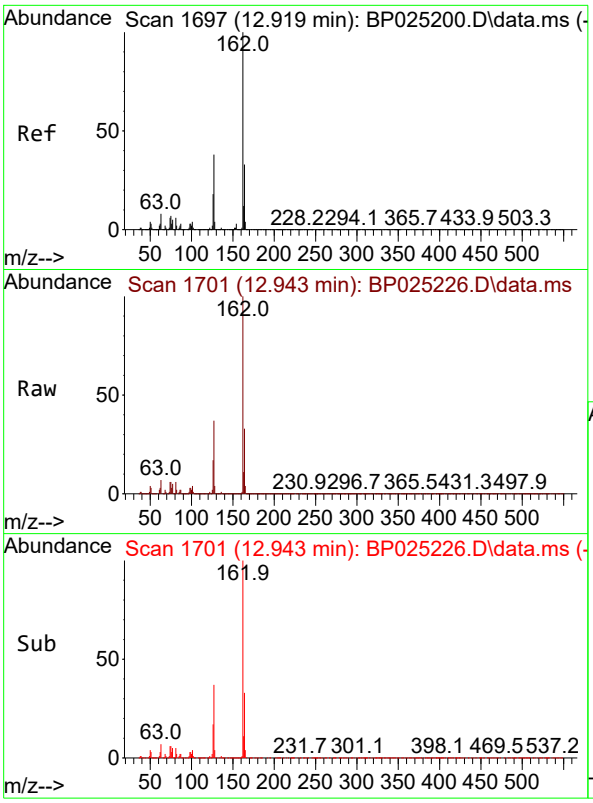



#46
1,1'-Biphenyl
Concen: 39.455 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 3358747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.8 | 60.8 |
| 76 | 11.8 | 0.0 | 31.6 |

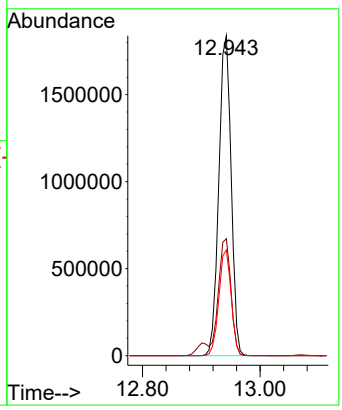





#47
2-Chloronaphthalene
Concen: 40.201 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:162 Resp: 267185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.5 | 30.1 | 45.1 |
| 164 | 33.1 | 26.5 | 39.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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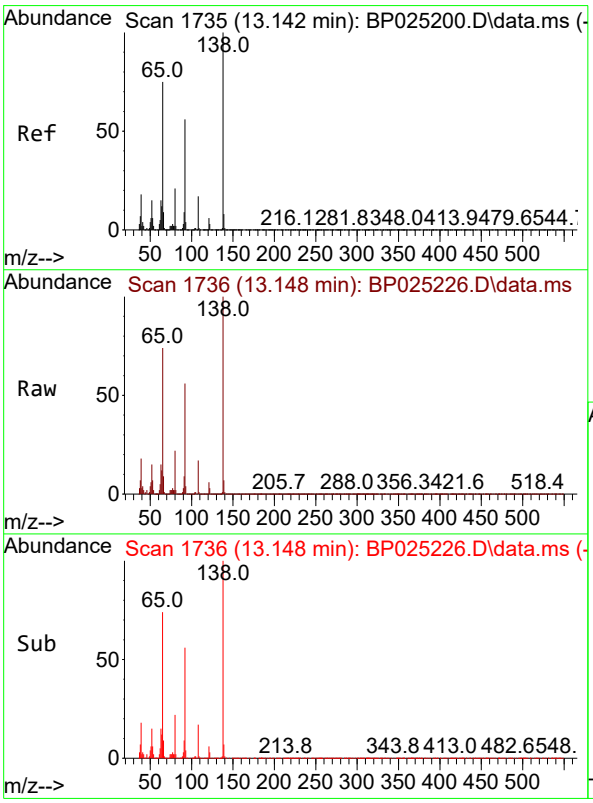
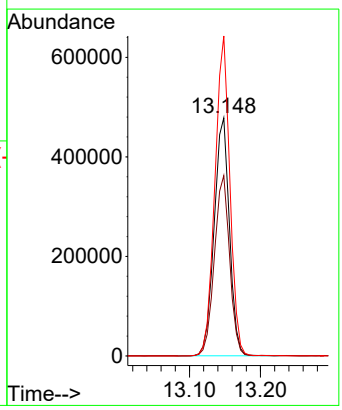
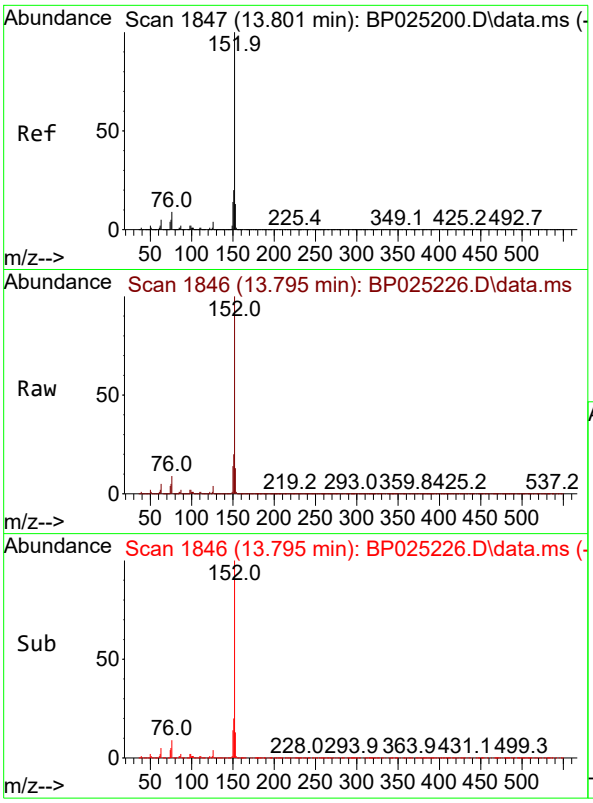



#48
2-Nitroaniline
Concen: 41.867 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 710602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.7 | 59.9 | 89.9 |
| 138 | 134.4 | 107.1 | 160.7 |

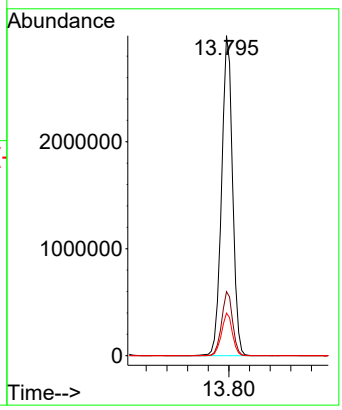





#49
Acenaphthylene
Concen: 40.927 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:152 Resp: 439953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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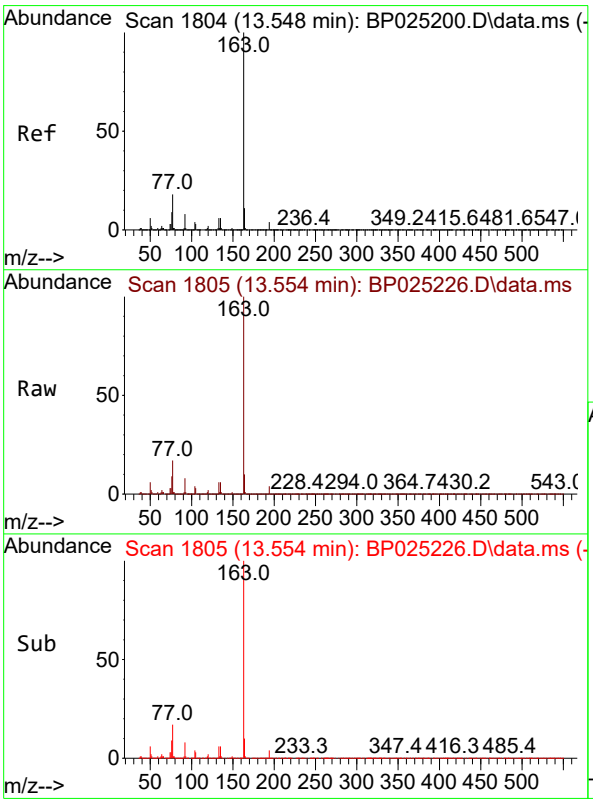
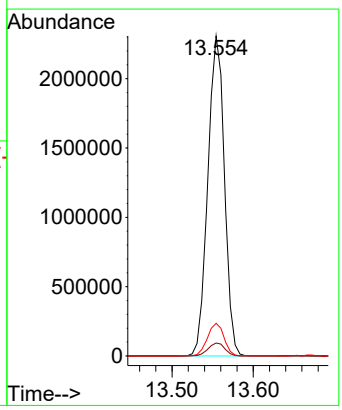
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

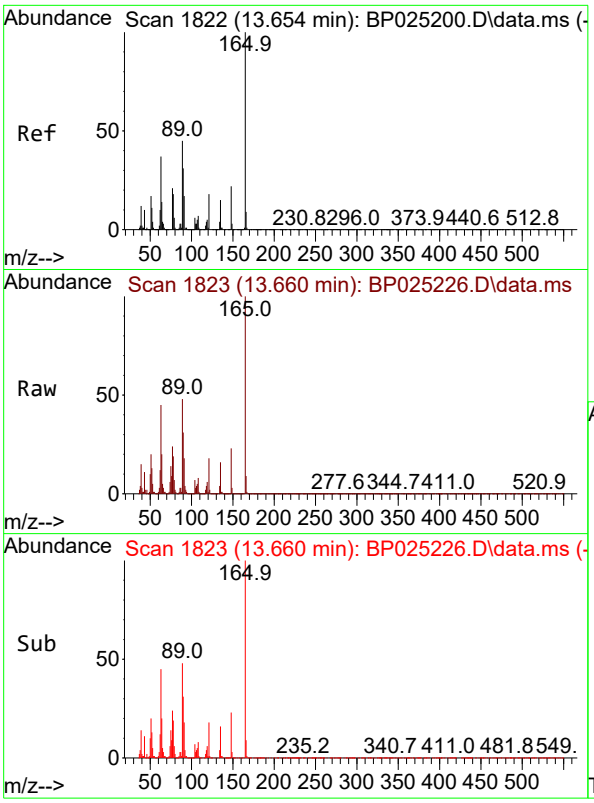



#50
Dimethylphthalate
Concen: 39.003 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:163 Resp: 3275604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |

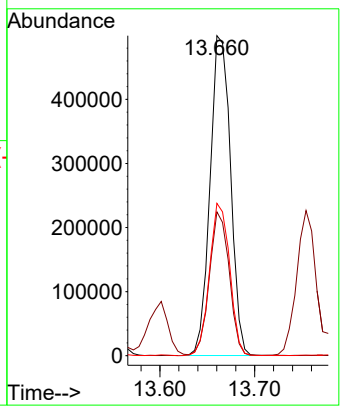





#51
2,6-Dinitrotoluene
Concen: 41.002 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:165 Resp: 74821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.0 | 33.4 | 50.2 |
| 89 | 47.6 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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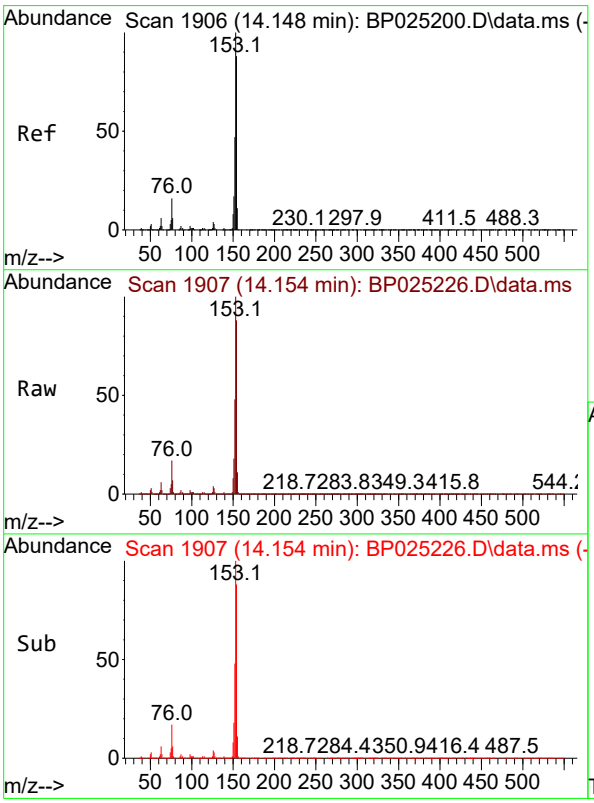
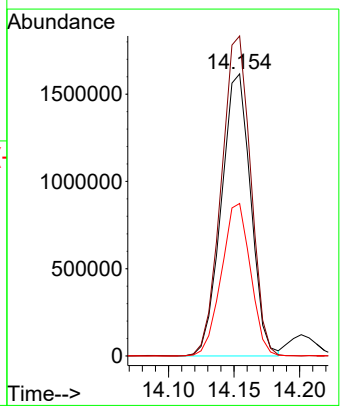
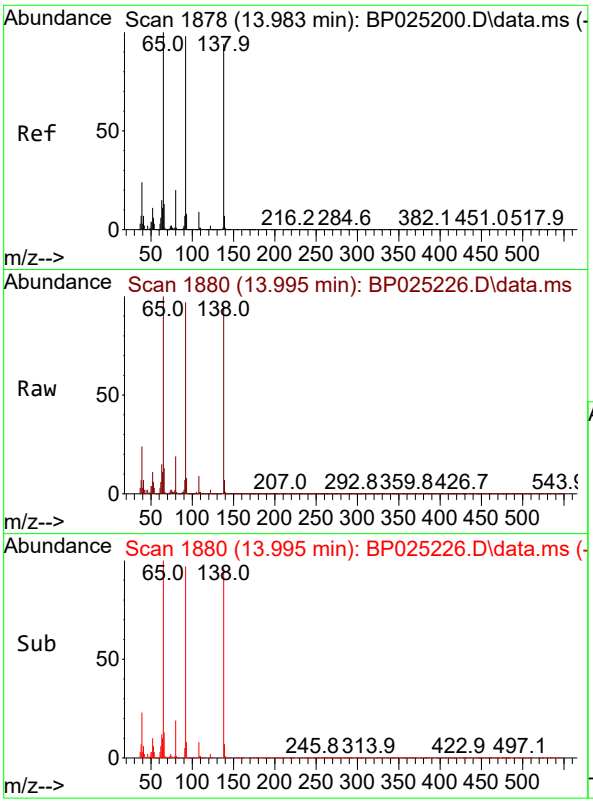



#52
Acenaphthene
Concen: 40.497 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 2517373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.7 | 136.1 |
| 152 | 54.0 | 42.9 | 64.3 |






#53
3-Nitroaniline
Concen: 42.494 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 87445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.5 | 7.5 | 11.3 |
| 92 | 101.4 | 83.2 | 124.8 |

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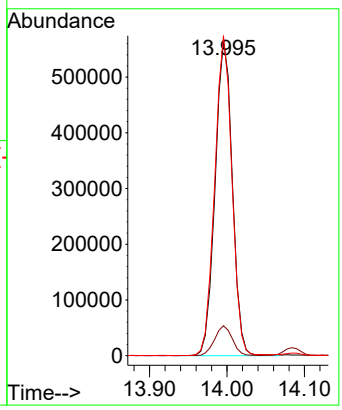
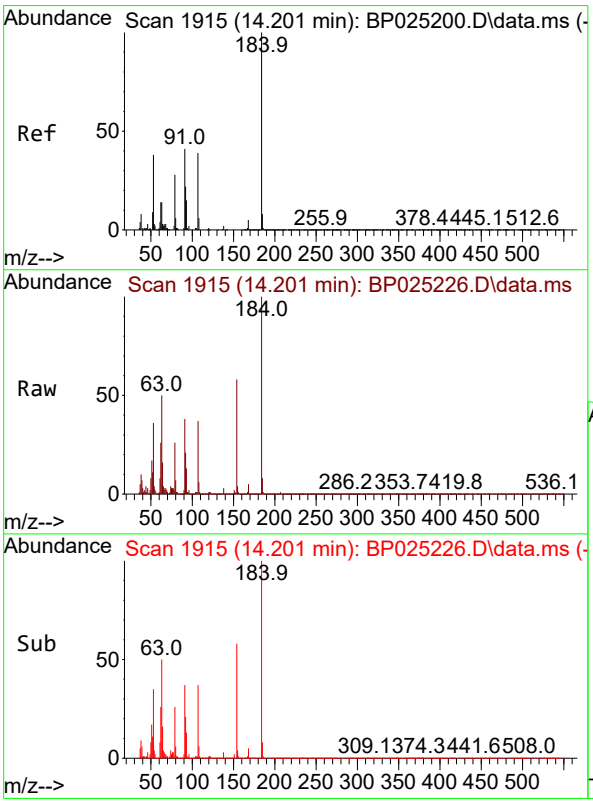
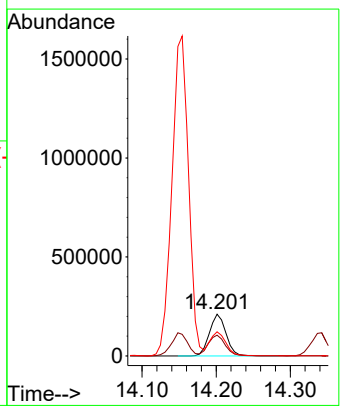


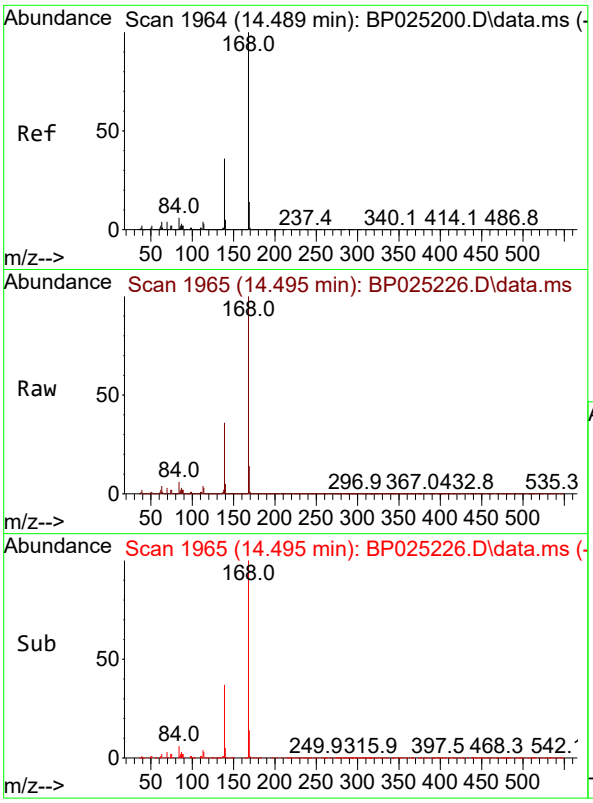




#54
2,4-Dinitrophenol
Concen: 30.316 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 327781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 49.9 | 41.8 | 62.8 |
| 154 | 57.9 | 45.7 | 68.5 |

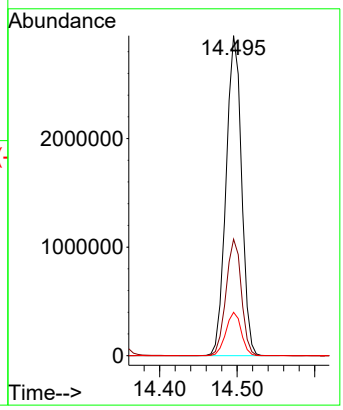





#55
Dibenzofuran
Concen: 40.883 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:168 Resp: 410499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 28.7 | 43.1 |
| 169 | 13.6 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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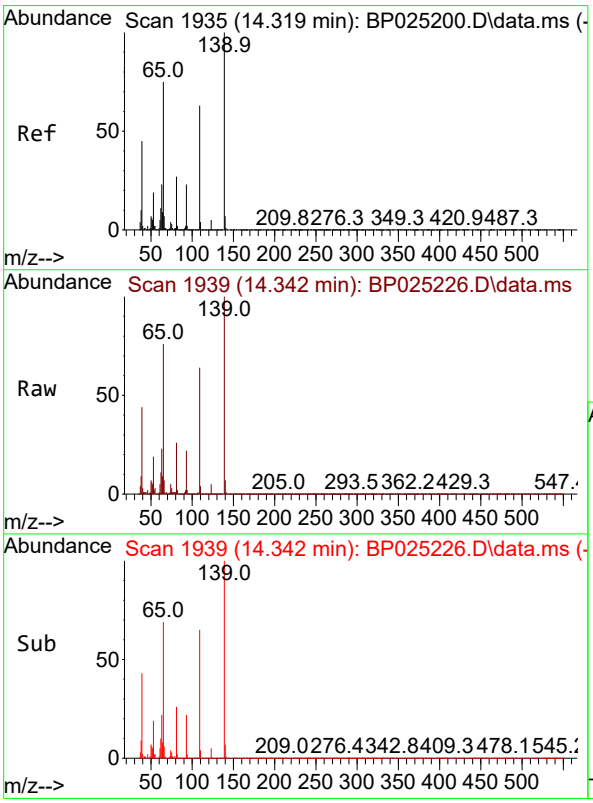
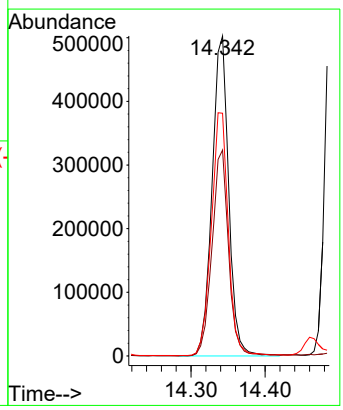
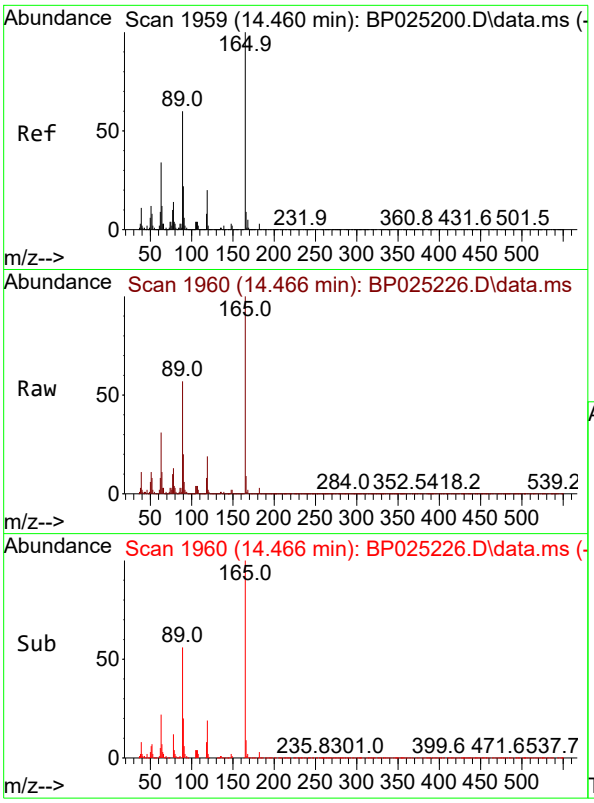



#56
4-Nitrophenol
Concen: 44.292 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 779949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.4 | 42.6 | 82.6 |
| 65 | 75.8 | 55.4 | 95.4 |

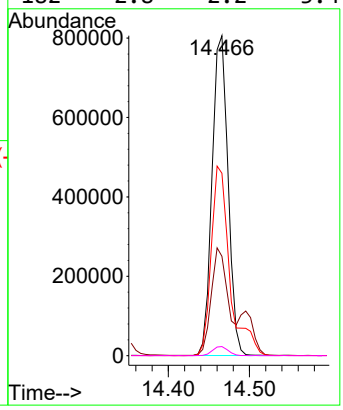





#57
2,4-Dinitrotoluene
Concen: 43.057 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:165 Resp: 109983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.0 | 27.0 | 40.4 |
| 89 | 57.0 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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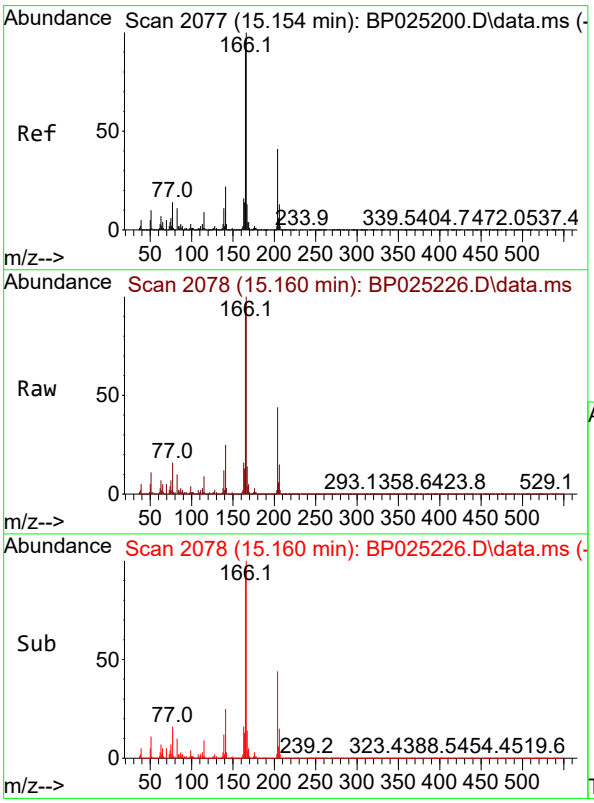
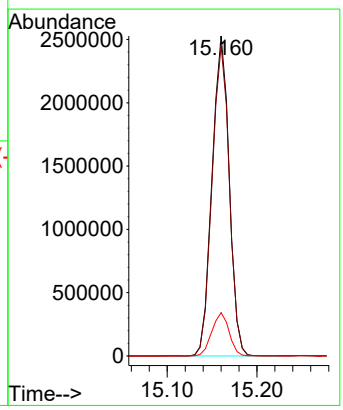
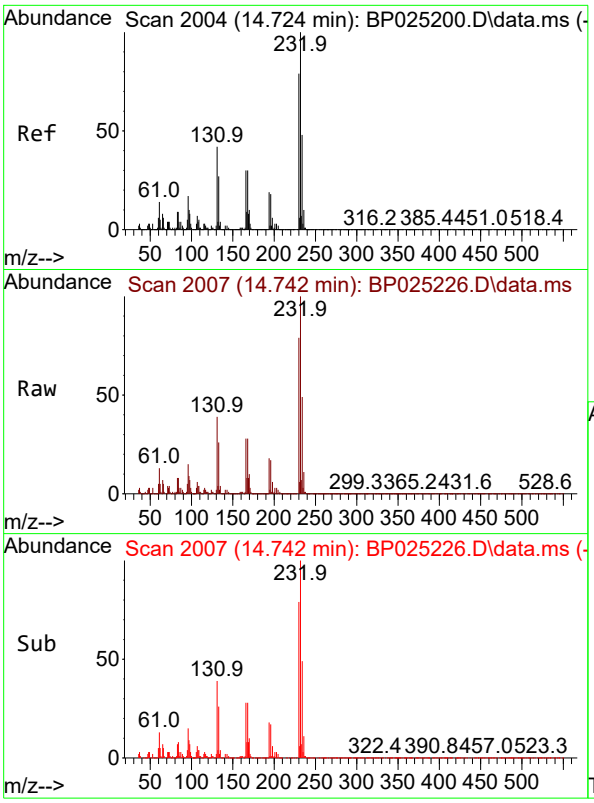



#58
Fluorene
Concen: 42.056 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:166 Resp: 3352512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |

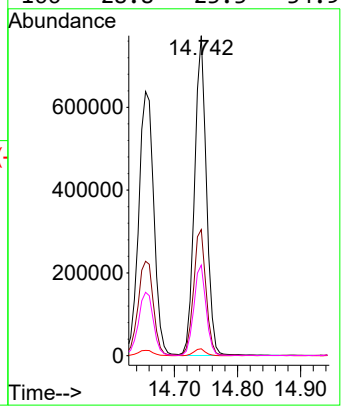





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:232 Resp: 100733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.9 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 28.8 | 23.3 | 34.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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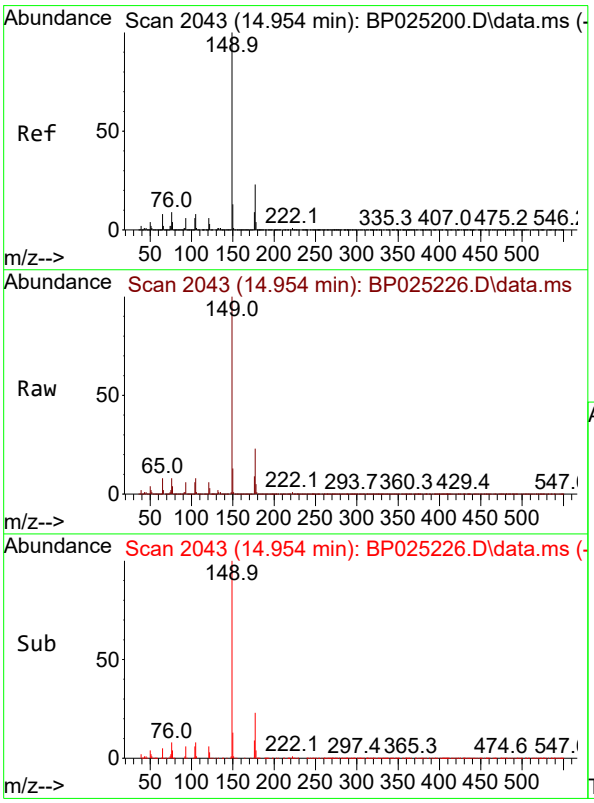
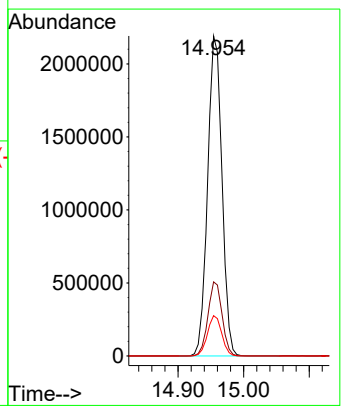
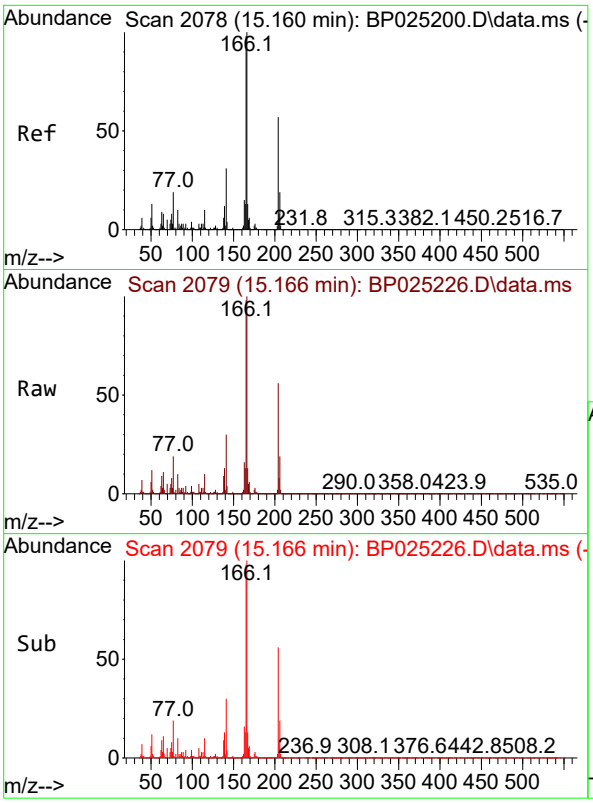



#60
Diethylphthalate
Concen: 40.235 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3330481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.4 | 27.6 |
| 150 | 12.6 | 10.0 | 15.0 |






#61
4-Chlorophenyl-phenylether
Concen: 40.846 ng
RT: 15.166 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 164529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 26.3 | 39.5 |
| 141 | 54.4 | 43.0 | 64.6 |

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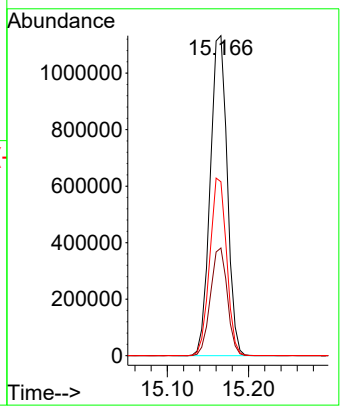
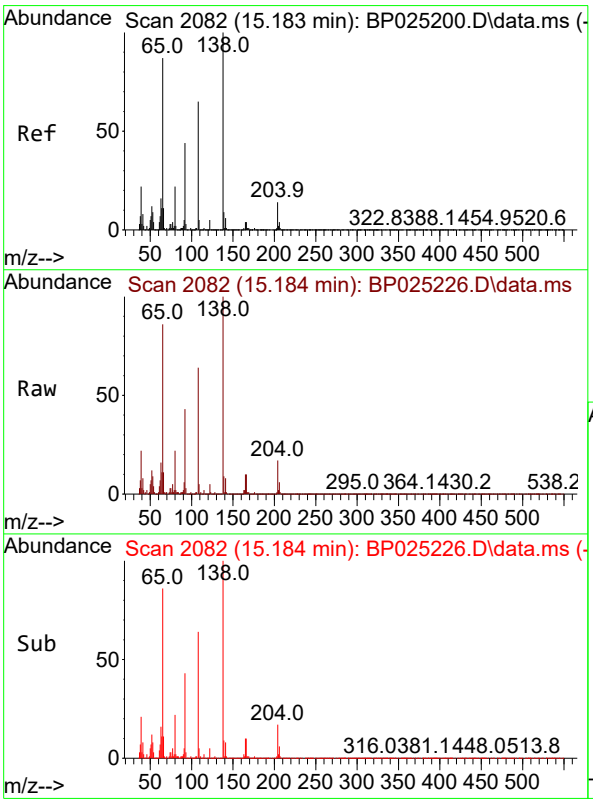
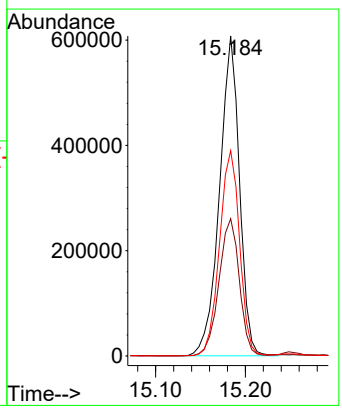


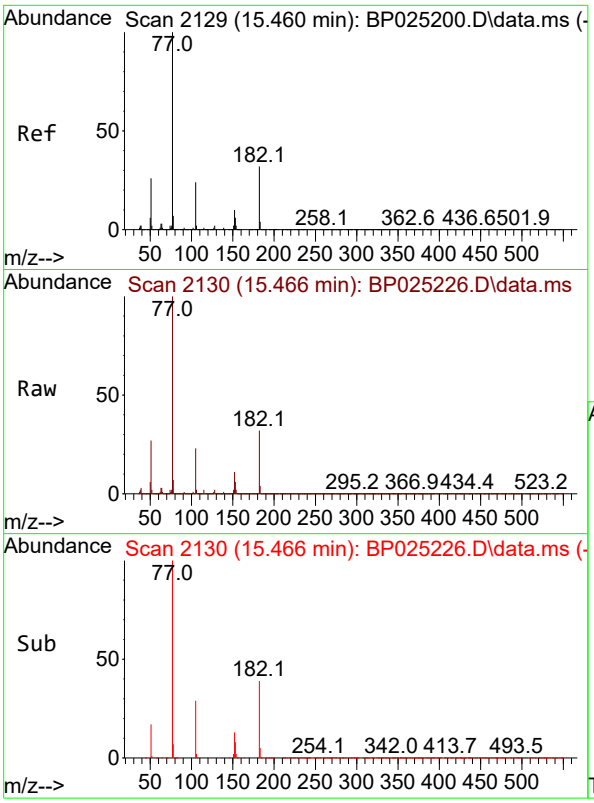




#62
4-Nitroaniline
Concen: 44.837 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:138 Resp: 938362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 42.9 | 24.0 | 64.0 |
| 108 | 64.2 | 44.9 | 84.9 |

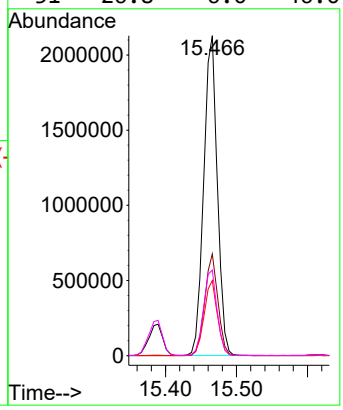





#63
Azobenzene
Concen: 41.997 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 283286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.8 | 12.0 | 52.0 |
| 105 | 23.5 | 3.6 | 43.6 |
| 51 | 26.8 | 6.0 | 46.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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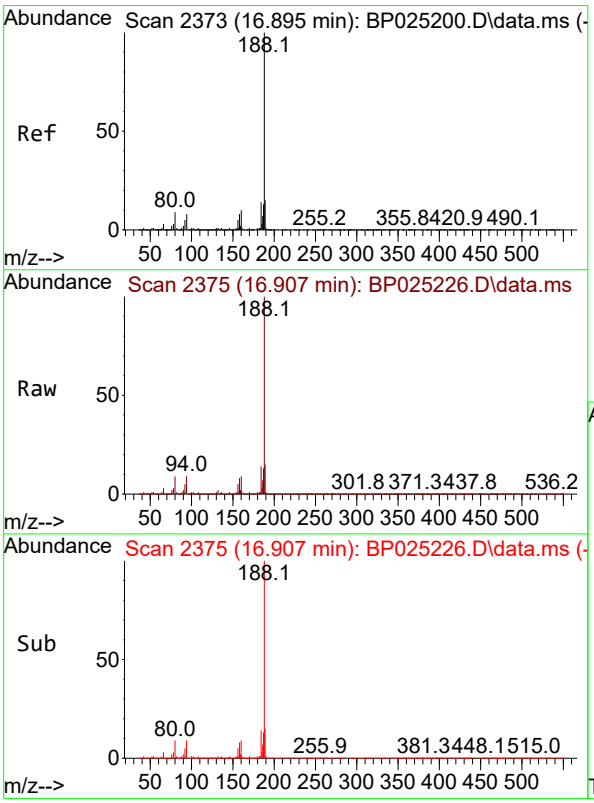
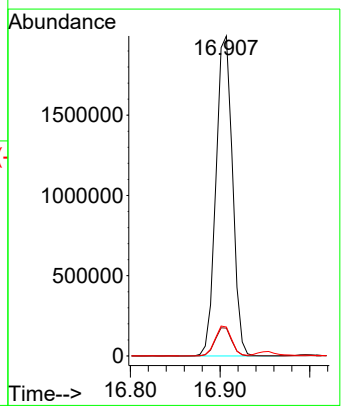
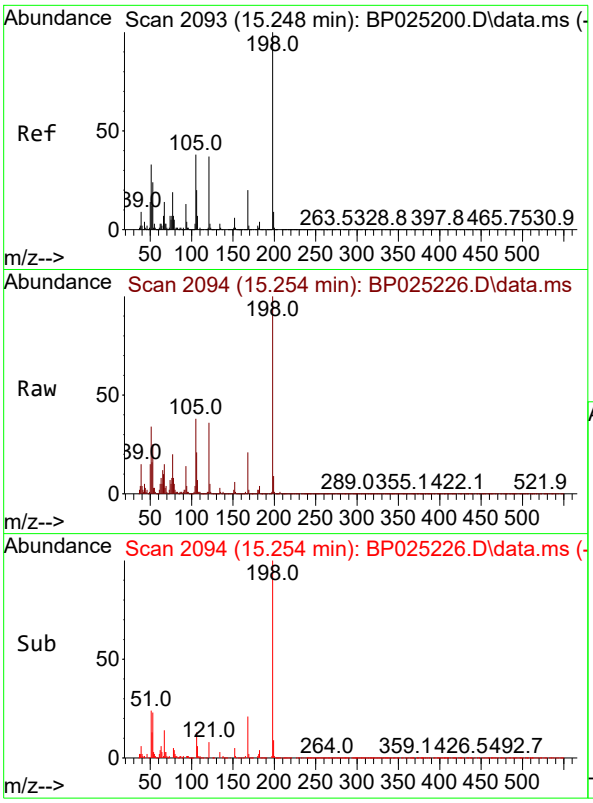



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:188 Resp: 2549406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.0 | 7.3 | 10.9 |






#65
4,6-Dinitro-2-methylphenol
Concen: 29.390 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 48354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.7 | 14.6 | 54.6 |
| 105 | 38.4 | 18.3 | 58.3 |

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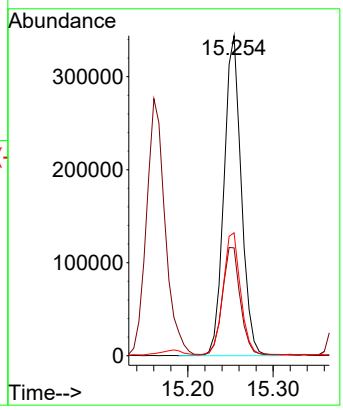
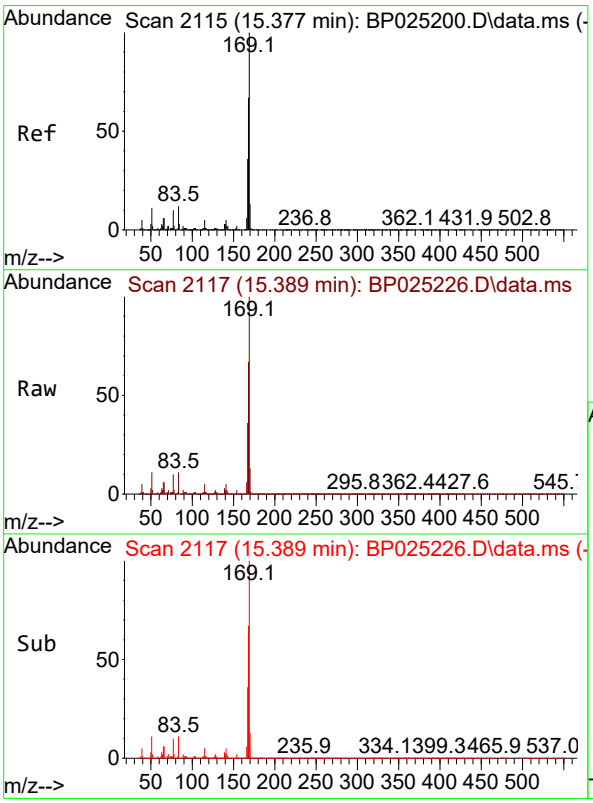
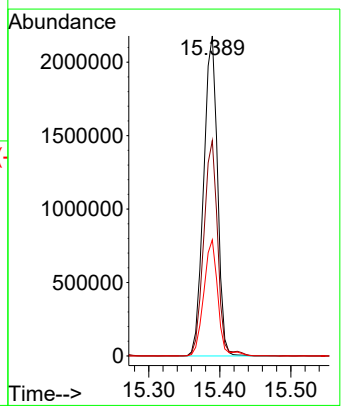


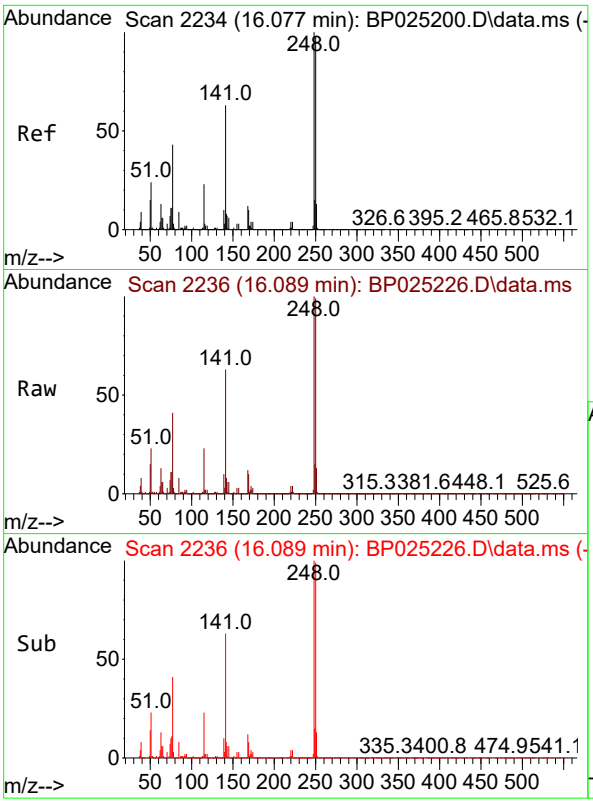




#66
n-Nitrosodiphenylamine
Concen: 38.155 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:169 Resp: 2952463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |






#67
4-Bromophenyl-phenylether
Concen: 38.140 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:248 Resp: 113478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 78.5 | 117.7 |
| 141 | 63.3 | 50.5 | 75.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
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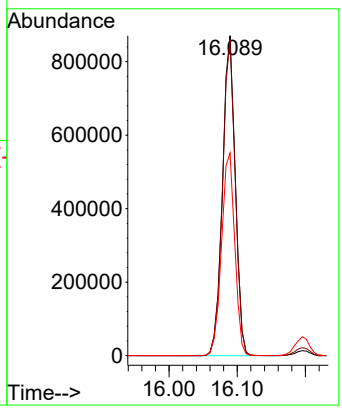
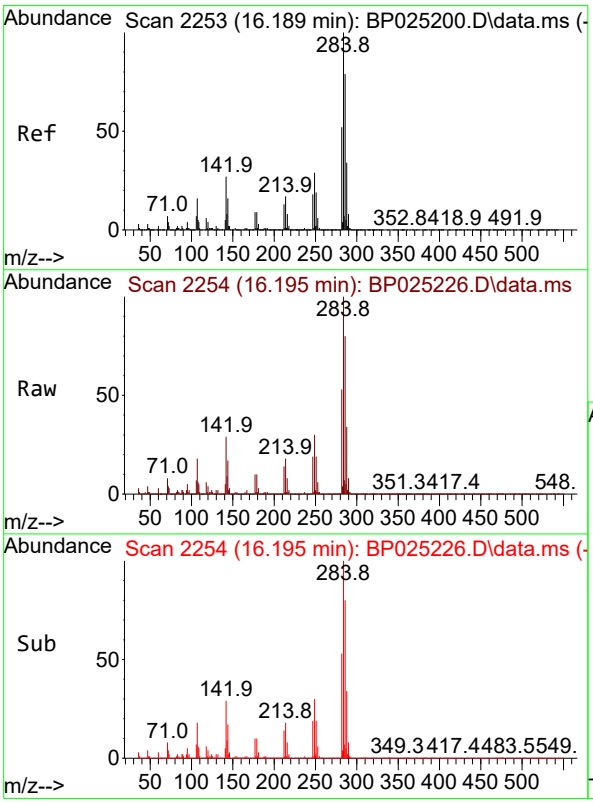
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

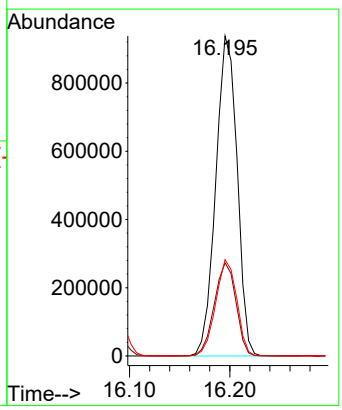


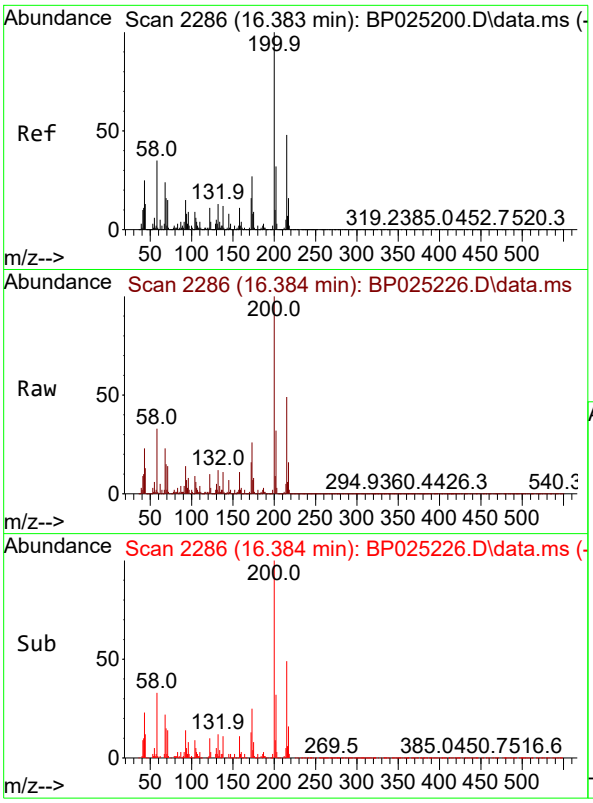




#68
Hexachlorobenzene
Concen: 39.236 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:284 Resp: 1386355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.1 | 21.5 | 32.3 |
| 249 | 30.1 | 23.4 | 35.0 |

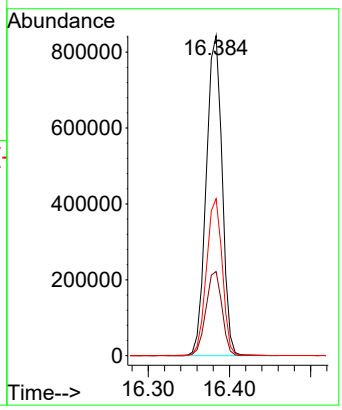





#69
Atrazine
Concen: 39.913 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:200 Resp: 114287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 49.1 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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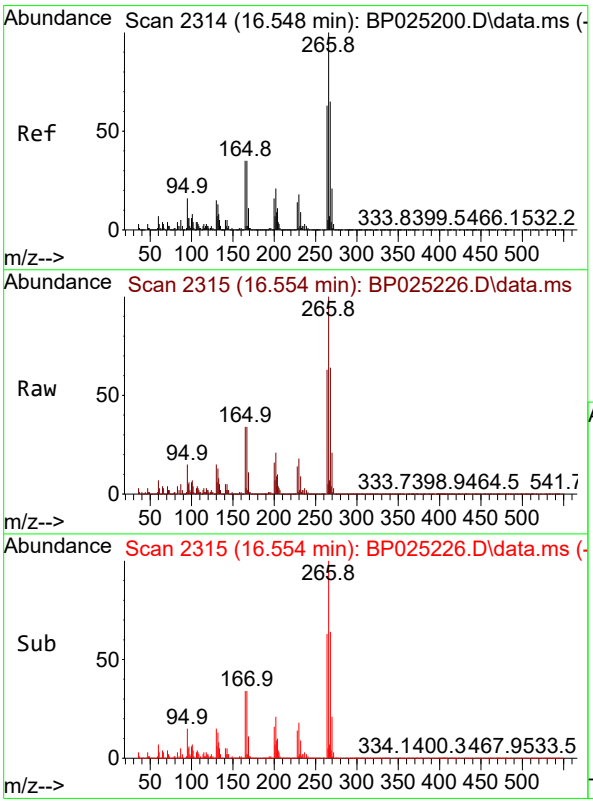
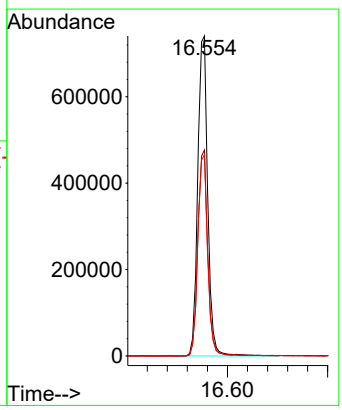
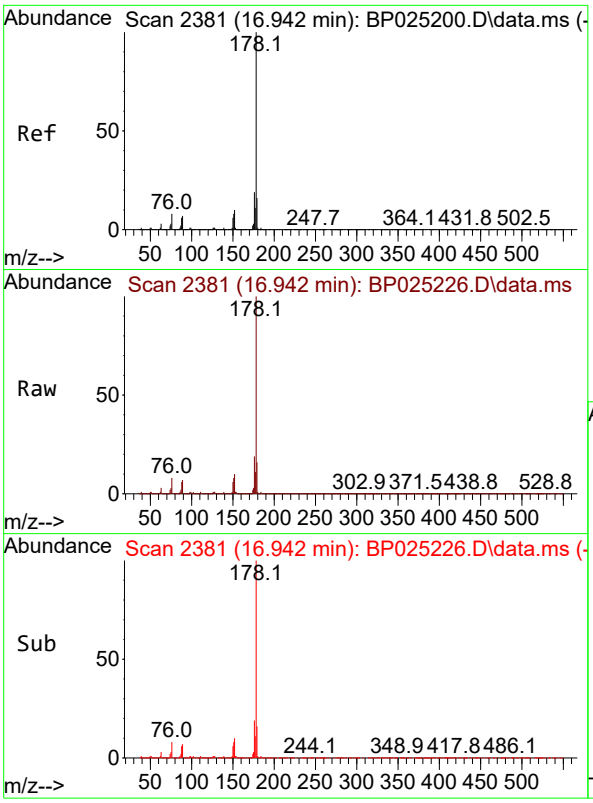



#70
Pentachlorophenol
Concen: 42.346 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:266 Resp: 1017463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.8 | 77.6 |
| 264 | 62.9 | 50.3 | 75.5 |

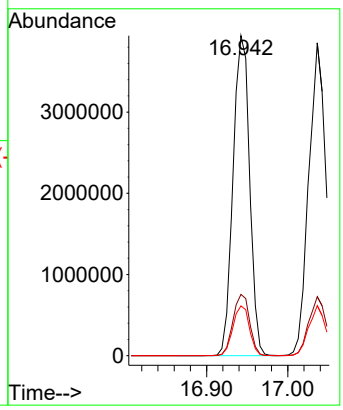





#71
Phenanthrene
Concen: 40.543 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 557474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.6 | 23.4 |
| 179 | 15.5 | 12.5 | 18.7 |




**Instrument :**
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**ClientSampleId :**
SSTDCCC040EC

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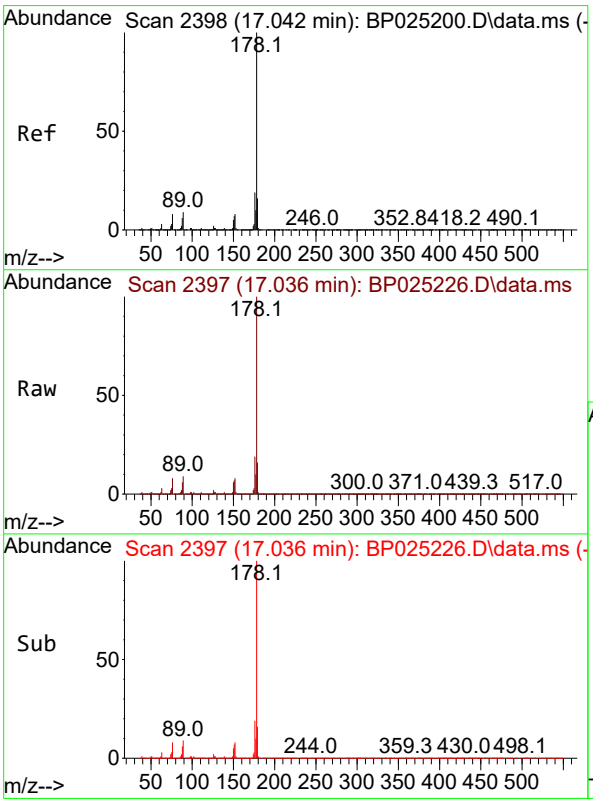
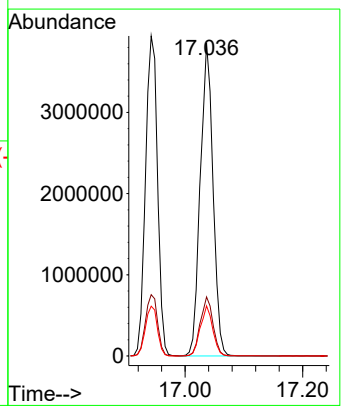
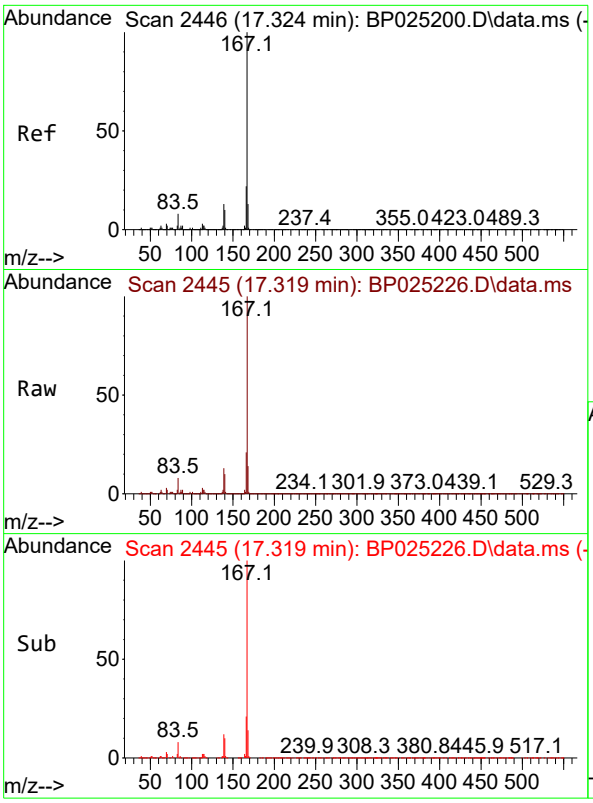



#72
Anthracene
Concen: 41.892 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 5802800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 16.0 | 12.5 | 18.7 |






#73
Carbazole
Concen: 41.734 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:167 Resp: 551856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.3 | 25.9 |
| 139 | 12.7 | 10.1 | 15.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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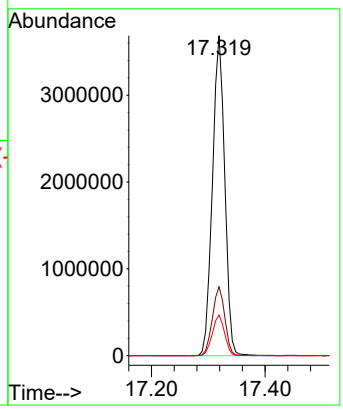
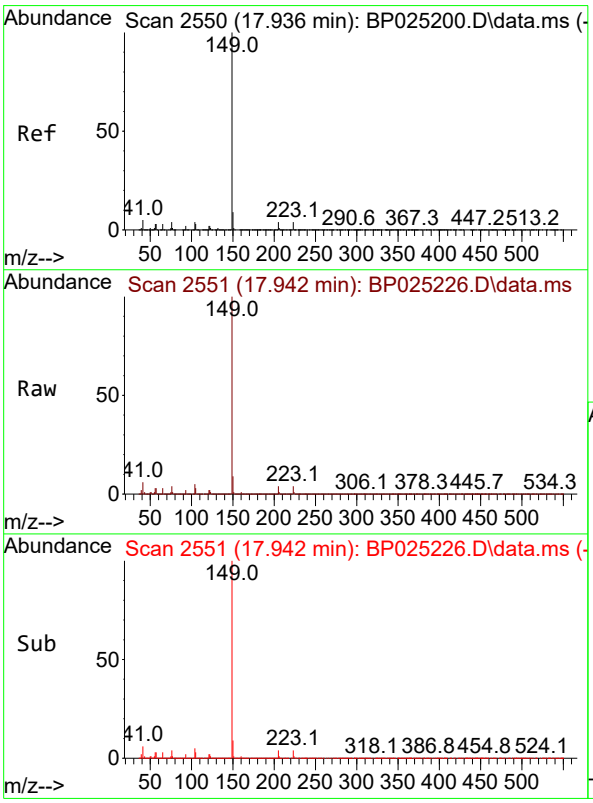
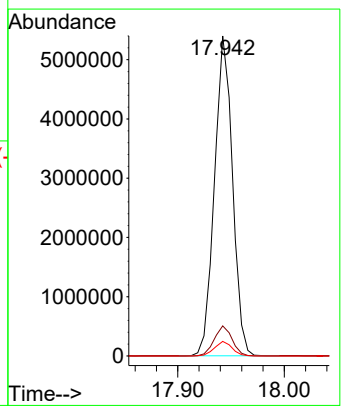


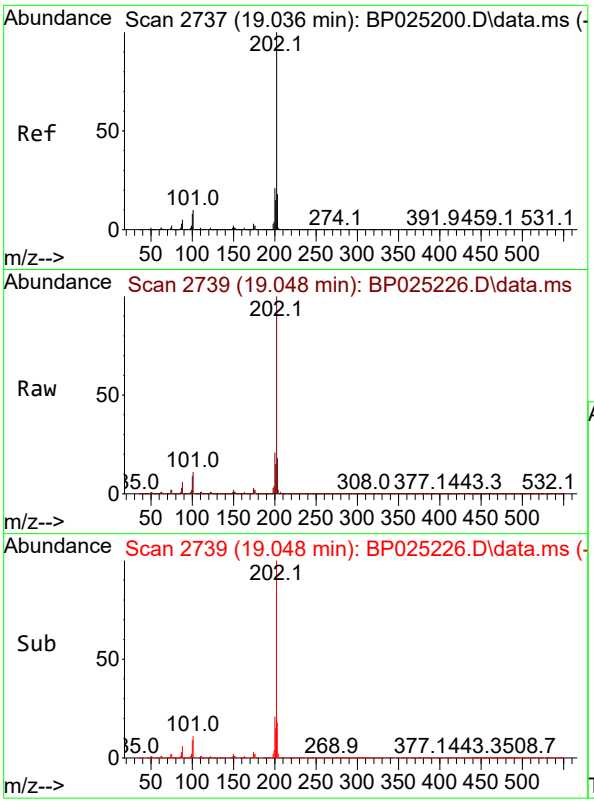




#74
Di-n-butylphthalate
Concen: 41.506 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 6332663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.6 | 11.4 |
| 104 | 4.6 | 3.5 | 5.3 |

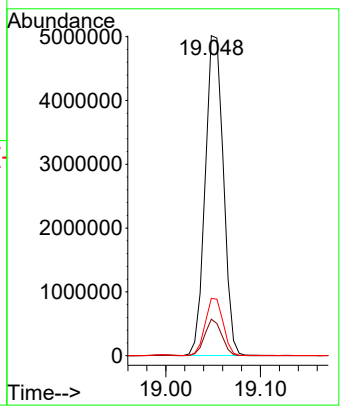





#75
Fluoranthene
Concen: 41.156 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:202 Resp: 666023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 30.3 |
| 203 | 17.9 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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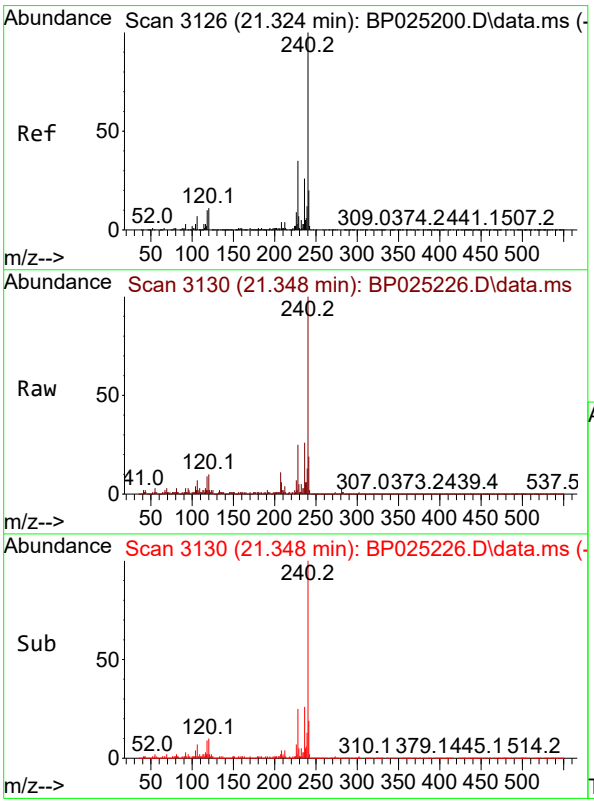
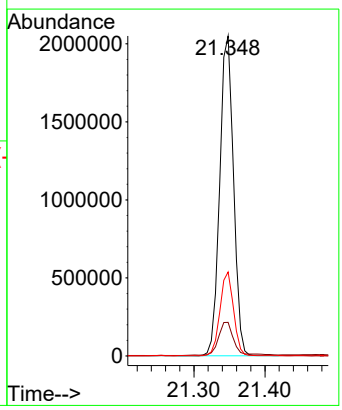
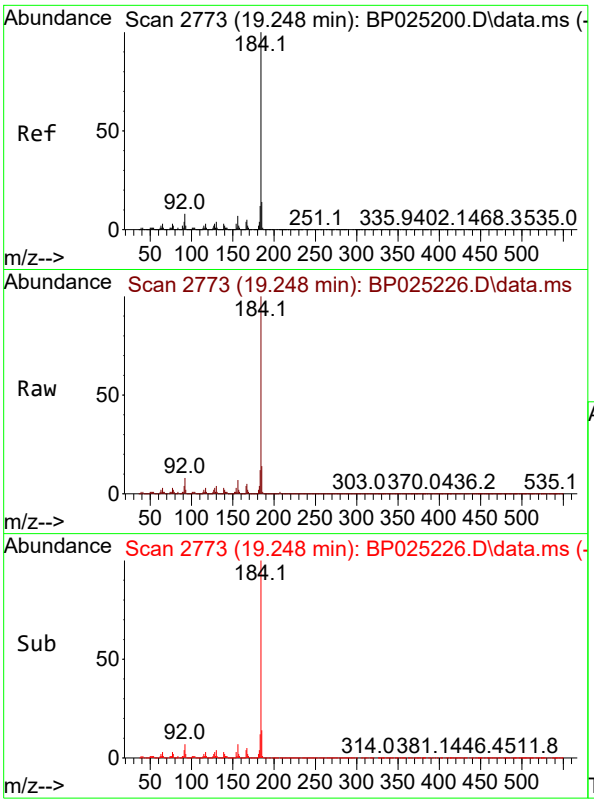



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:240 Resp: 2750456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 8.8 | 13.2 |
| 236 | 26.3 | 20.9 | 31.3 |

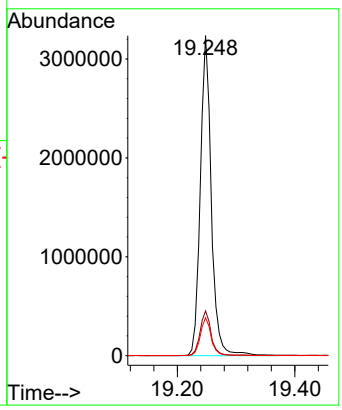





#77
Benzidine
Concen: 43.479 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 419846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.5 | 17.3 |
| 183 | 11.9 | 9.6 | 14.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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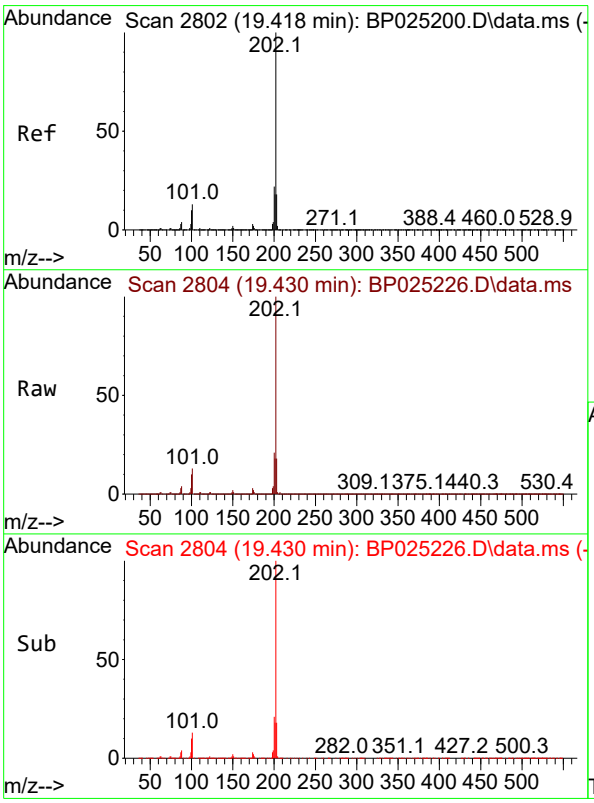
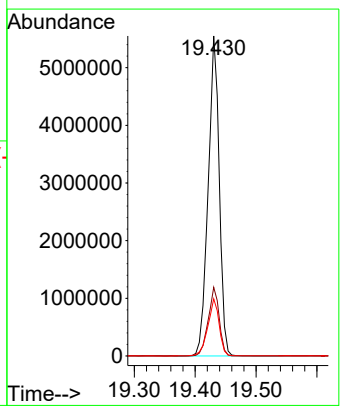
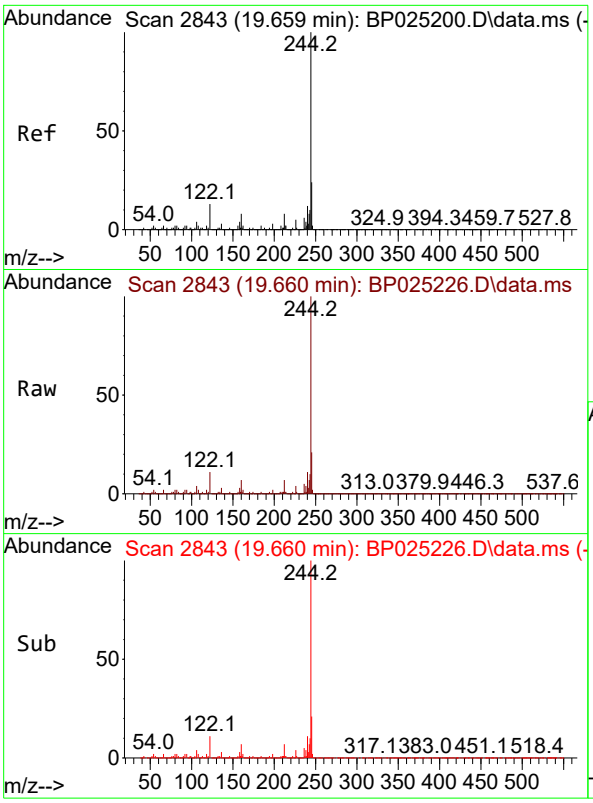



#78
Pyrene
Concen: 41.430 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:202 Resp: 7026109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |

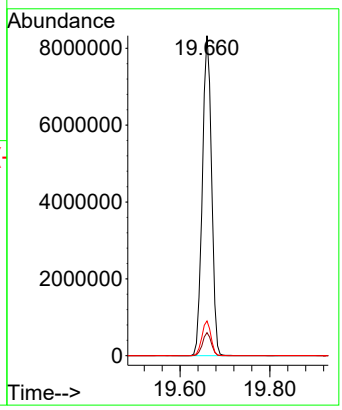





#79
Terphenyl-d14
Concen: 85.004 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:244 Resp:1184373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.6 | 9.8 |
| 122 | 10.8 | 10.3 | 15.5 |




**Instrument :**
BNA_P
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SSTDCCC040EC

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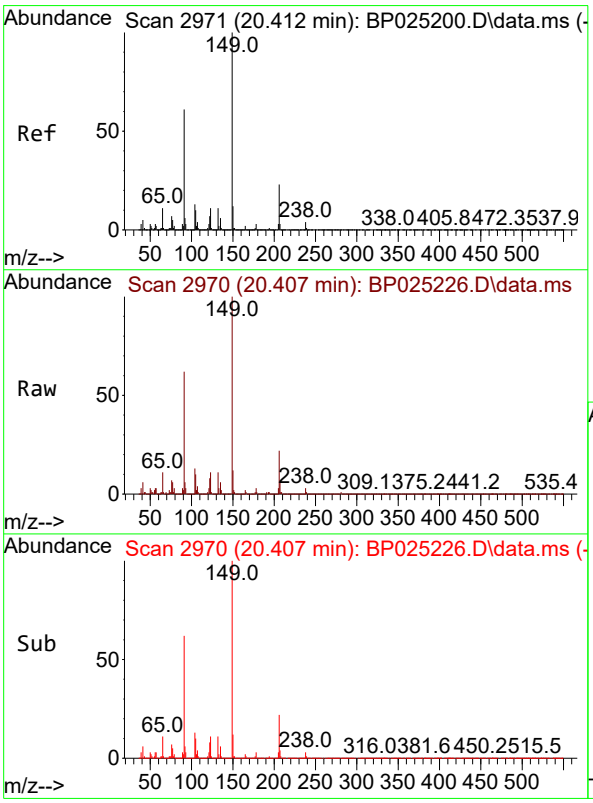
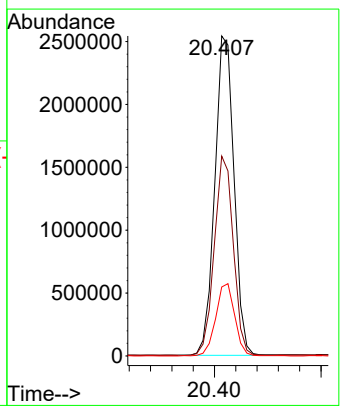
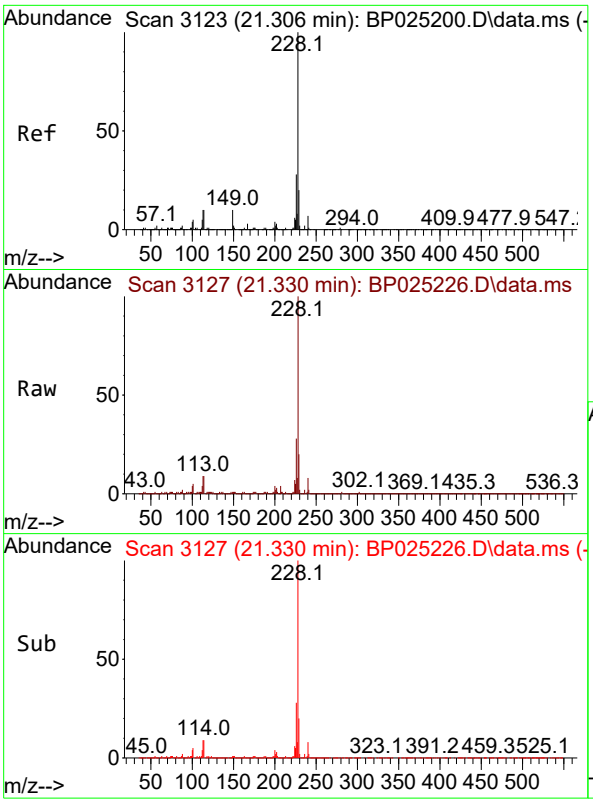



#80
Butylbenzylphthalate
Concen: 41.362 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3175224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.4 | 48.8 | 73.2 |
| 206 | 21.6 | 18.4 | 27.6 |

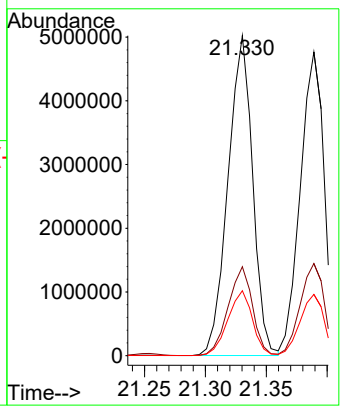





#81
Benzo(a)anthracene
Concen: 40.758 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:228 Resp: 707931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.3 | 33.5 |
| 229 | 20.3 | 16.2 | 24.2 |

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BNA_P
**ClientSampleId :**
SSTDCCC040EC

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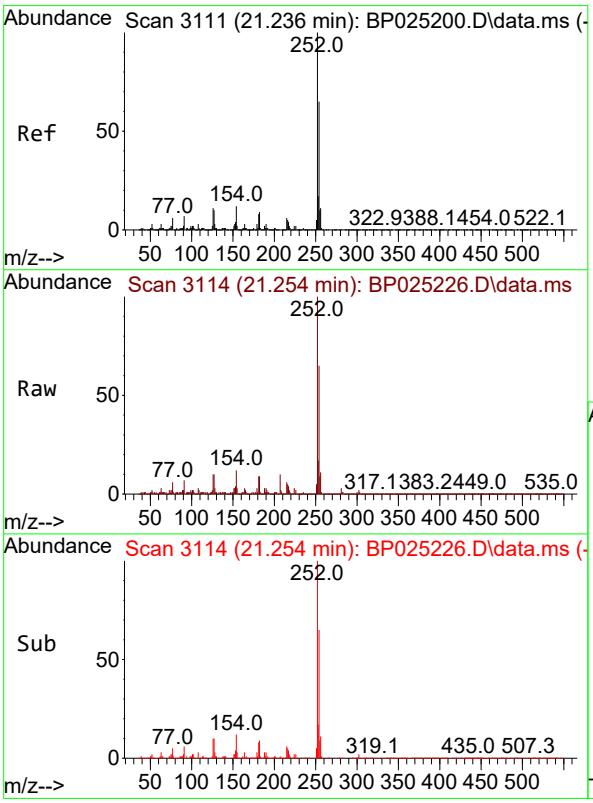
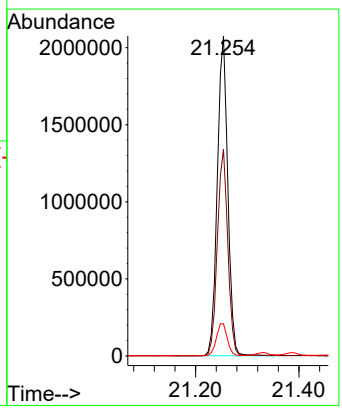
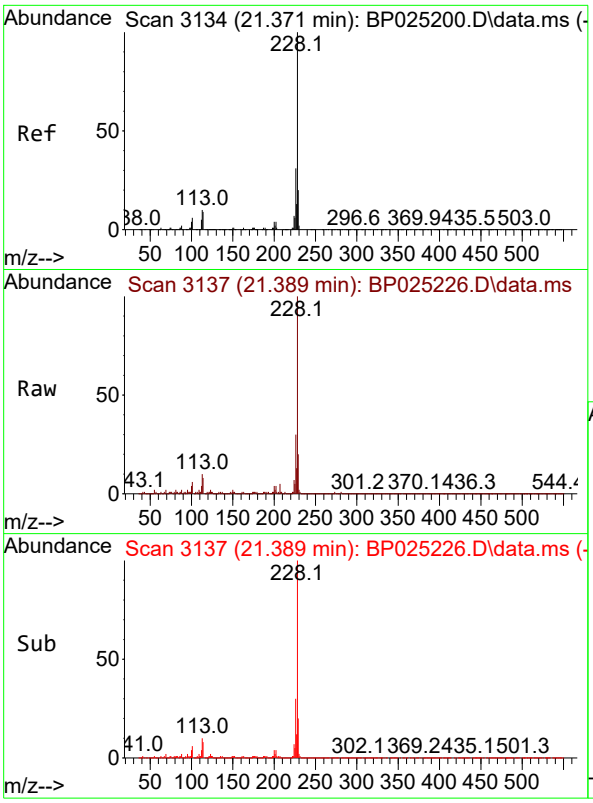



#82
3,3'-Dichlorobenzidine
Concen: 40.448 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 2912207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 52.1 | 78.1 |
| 126 | 10.1 | 8.6 | 12.8 |

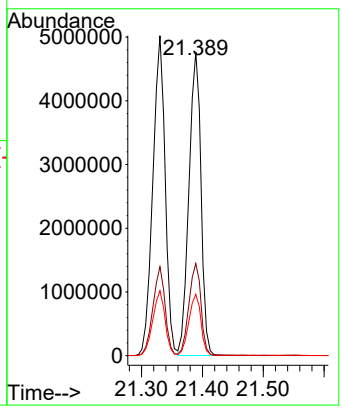





#83
Chrysene
Concen: 40.349 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:228 Resp: 654232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

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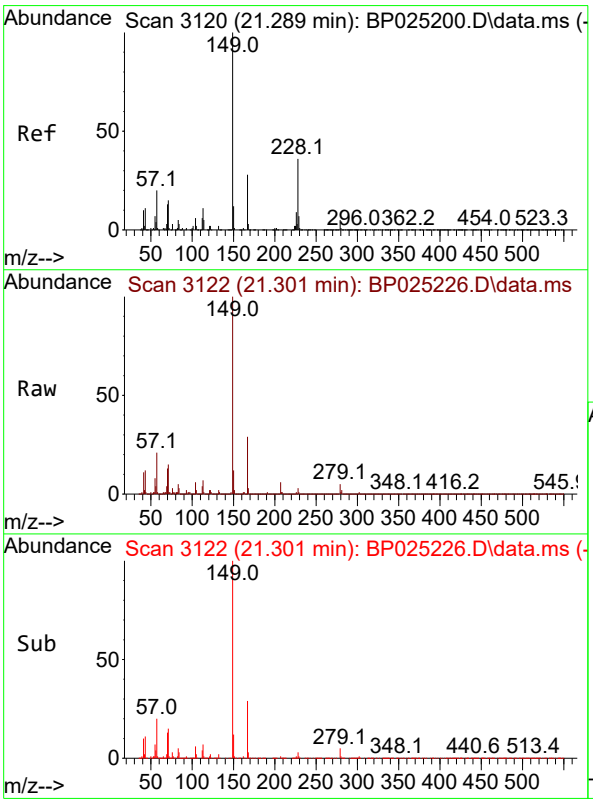
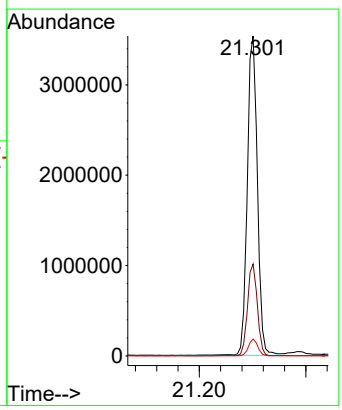
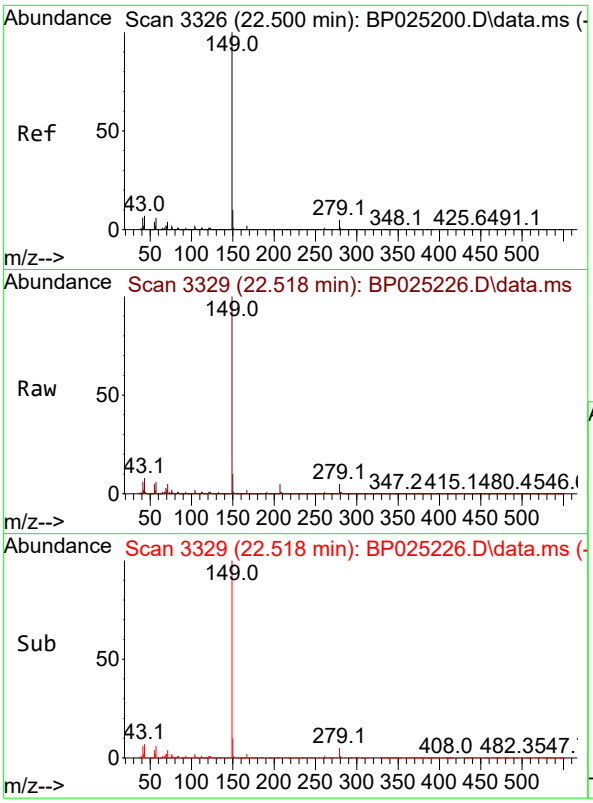



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.232 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 4635740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.7 | 22.6 | 34.0 |
| 279 | 5.3 | 4.0 | 6.0 |

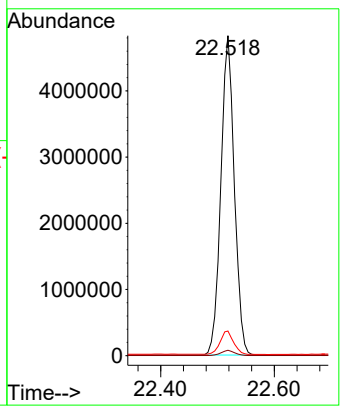





#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 22.518 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 796974

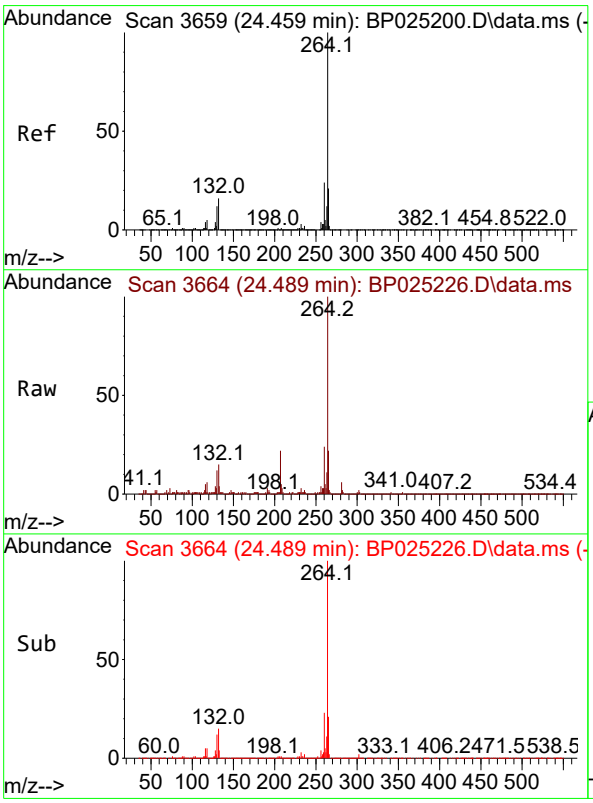
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
**APPROVED**

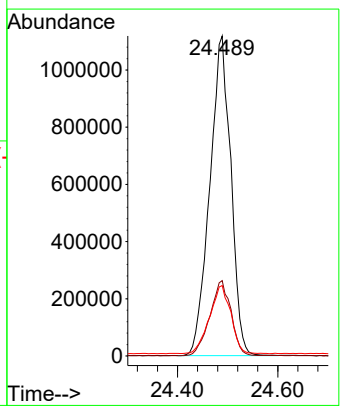
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

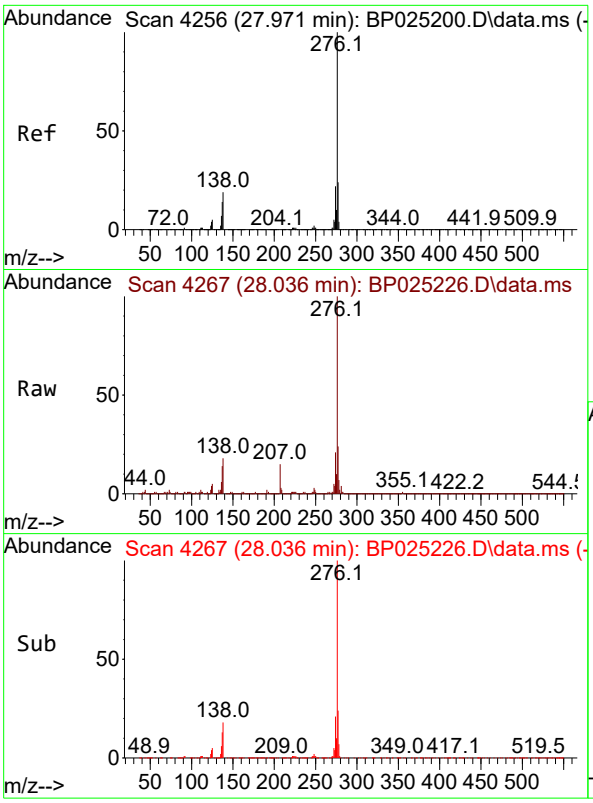



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. 0.030 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:264 Resp: 3266187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |

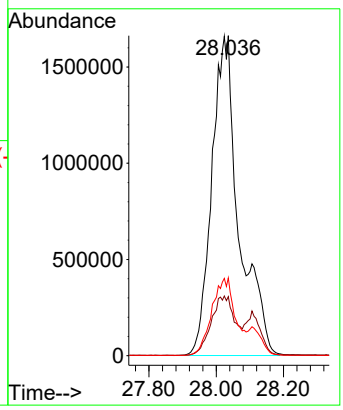





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.038 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 931771

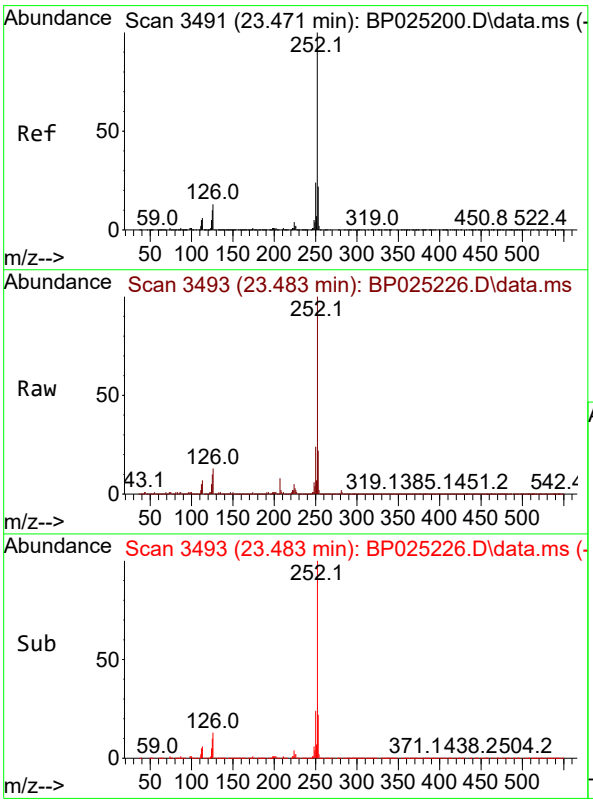
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 12.8 | 19.2 |
| 277 | 21.0 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**

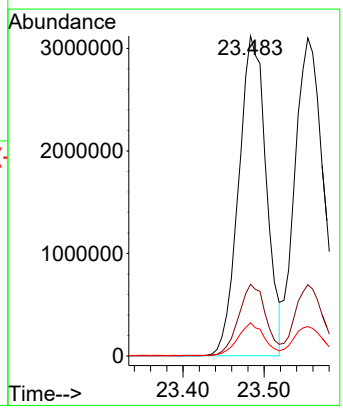
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

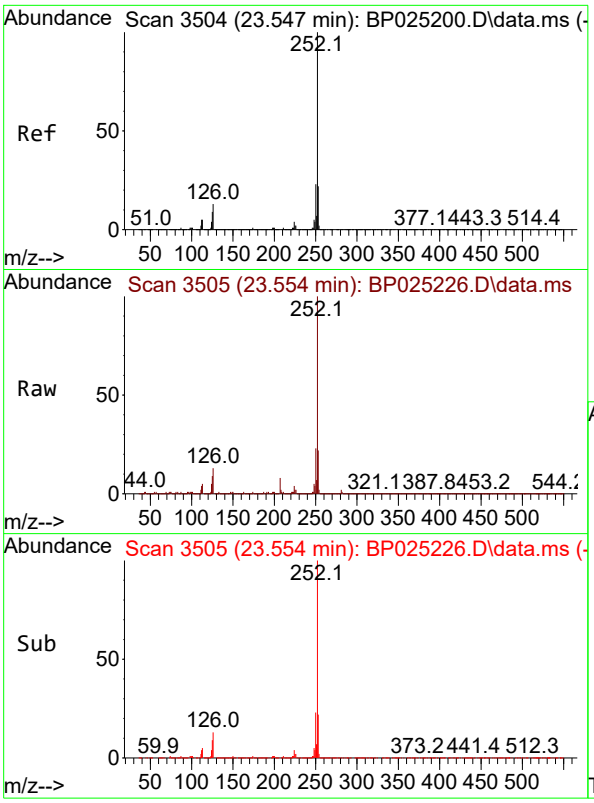



#88
Benzo(b)fluoranthene
Concen: 39.332 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7353598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 10.3 | 7.8 | 11.8 |






#89
Benzo(k)fluoranthene
Concen: 40.521 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

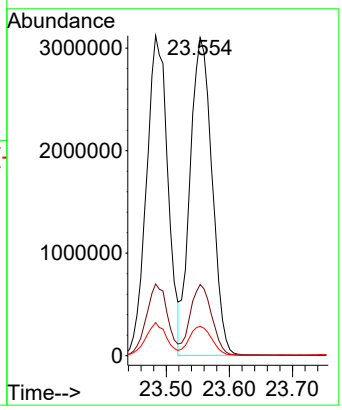
Tgt Ion:252 Resp: 747896

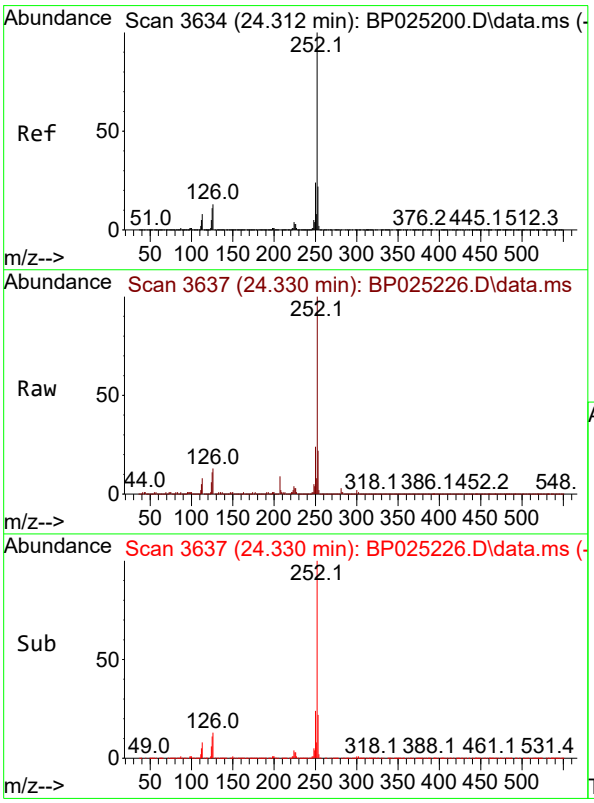
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 9.3 | 7.5 | 11.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

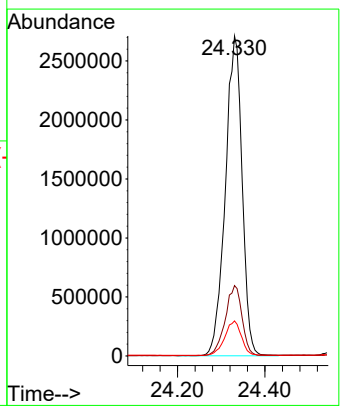


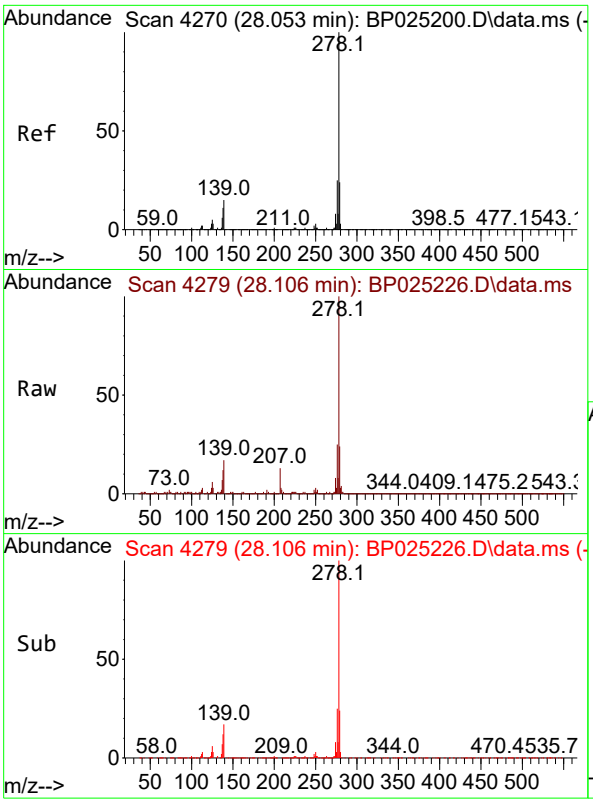




#90
Benzo(a)pyrene
Concen: 39.502 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7205655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.9 | 8.6 | 12.8 |

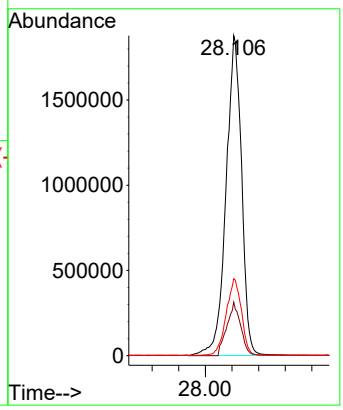





#91
Dibenzo(a,h)anthracene
Concen: 39.046 ng
RT: 28.106 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:278 Resp: 760349

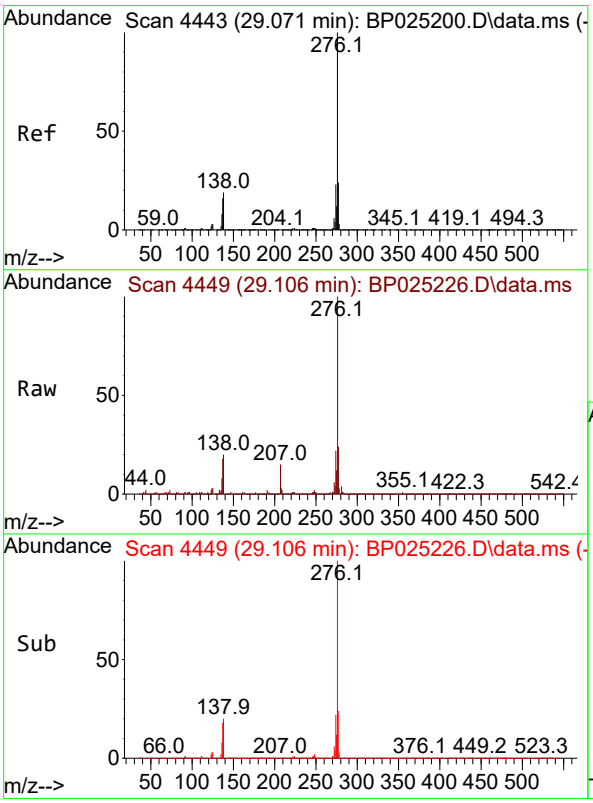
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 12.0 | 18.0 |
| 279 | 24.0 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations**
**APPROVED**

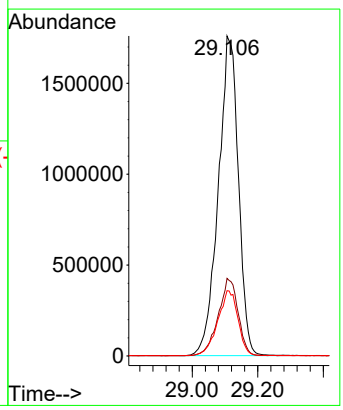
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025




#92
Benzo(g,h,i)perylene
Concen: 38.916 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 7447383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 20.4 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 59 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.429 | 3.4 | 59 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.150 | 3.2 | 58 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.464 | 1.5 | 58 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.173 | 0.9 | 59 | 0.00 |
| 6 | | Aniline | 1.916 | 1.951 | -1.8 | 60 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.495 | -2.0 | 60 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.358 | -1.1 | 60 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.974 | 2.0 | 52 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.553 | -2.2 | 60 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.147 | 1.6 | 58 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.490 | 1.3 | 59 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.518 | 0.5 | 59 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.461 | 0.4 | 59 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.084 | -2.6 | 60 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.455 | 2.4 | 58 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.088 | -3.2 | 61 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.509 | 2.9 | 58 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.904 | -2.5 | 60 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.488 | -3.5 | 61 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 59 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.465 | 0.0 | 61 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.364 | -1.1 | 61 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.324 | -0.9 | 61 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.619 | 2.2 | 58 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.192 | -4.3 | 62 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.311 | -1.0 | 60 | 0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.384 | 3.0 | 59 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.326 | -2.8 | 61 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.344 | 0.6 | 61 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.020 | 0.3 | 60 | 0.00 |
| 32 | | Benzoic acid | 0.235 | 0.282 | -20.0 | 71 | 0.00 |
| 33 | | 4-Chloroaniline | 0.450 | 0.464 | -3.1 | 62 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.204 | 1.9 | 59 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.111 | -5.7 | 65 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.333 | -5.0 | 64 | 0.01 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.662 | 0.5 | 60 | 0.01 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.710 | -1.7 | 61 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 62 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.594 | 0.8 | 62 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.238 | 33.5# | 42# | 0.01 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.324 | -9.8 | 70 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.418 | -2.0 | 63 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.463 | -2.7 | 64 | 0.02 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.428 | -0.6 | 63 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.430 | 1.4 | 62 | 0.01 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.138 | -0.5 | 64 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.303 | -4.8 | 65 | 0.00 |
| 49 | | Acenaphthylene | 1.831 | 1.873 | -2.3 | 64 | 0.00 |
| 50 | | Dimethylphthalate | 1.430 | 1.395 | 2.4 | 63 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.319 | -2.6 | 64 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.072 | -1.2 | 64 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.372 | -6.3 | 67 | 0.01 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.140 | 23.9 | 48# | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.748 | -2.2 | 64 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.332 | -10.7 | 71 | 0.02 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.468 | -7.6 | 67 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.427 | -5.1 | 67 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.429 | -7.5 | 68 | 0.02 |
| 60 | | Diethylphthalate | 1.410 | 1.418 | -0.6 | 64 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.701 | -2.2 | 64 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.400 | -12.4 | 71 | 0.00 |
| 63 | | Azobenzene | 1.149 | 1.206 | -5.0 | 67 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 70 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.095 | 26.4# | 50 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.579 | 4.6 | 67 | 0.01 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.223 | 4.3 | 67 | 0.01 |
| 68 | | Hexachlorobenzene | 0.277 | 0.272 | 1.8 | 68 | 0.00 |
| 69 | | Atrazine | 0.225 | 0.224 | 0.4 | 71 | 0.00 |
| 70 | C | Pentachlorophenol | 0.188 | 0.200 | -6.4 | 73 | 0.00 |
| 71 | | Phenanthrene | 1.079 | 1.093 | -1.3 | 71 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.138 | -4.7 | 73 | 0.00 |
| 73 | | Carbazole | 1.037 | 1.082 | -4.3 | 73 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.242 | -3.8 | 71 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.306 | -2.8 | 73 | 0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 75 | 0.02 |
| 77 | | Benzidine | 0.702 | 0.763 | -8.7 | 67 | 0.00 |
| 78 | | Pyrene | 1.233 | 1.277 | -3.6 | 76 | 0.01 |
| 79 | S | Terphenyl-d14 | 1.013 | 1.077 | -6.3 | 90 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.577 | -3.4 | 77 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.287 | -1.9 | 77 | 0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.529 | -1.0 | 78 | 0.02 |
| 83 | | Chrysene | 1.179 | 1.189 | -0.8 | 77 | 0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.843 | -5.6 | 79 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.449 | -5.2 | 78 | 0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 75 | 0.03 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.426 | 2.5 | 75 | 0.07 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.126 | 1.7 | 75 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.145 | -1.3 | 76 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.103 | 1.3 | 75 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.164 | 2.3 | 74 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.140 | 2.7 | 75 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 59 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 38.724 | 3.2 | 59 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.721 | 3.2 | 58 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.375 | 1.6 | 58 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.254 | 0.9 | 59 | 0.00 |
| 6 | | Aniline | 40.000 | 40.717 | -1.8 | 60 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.590 | -2.0 | 60 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.435 | -1.1 | 60 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.187 | 2.0 | 52 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.854 | -2.1 | 60 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.372 | 1.6 | 58 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.465 | 1.3 | 59 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.837 | 0.4 | 59 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.835 | 0.4 | 59 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.996 | -2.5 | 60 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.032 | 2.4 | 58 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 41.301 | -3.3 | 61 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.843 | 2.9 | 58 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.006 | -2.5 | 60 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.404 | -3.5 | 61 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 59 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.934 | 0.2 | 61 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.910 | -1.1 | 61 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.408 | -1.0 | 61 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.102 | 2.2 | 58 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 41.700 | -4.3 | 62 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.348 | -0.9 | 60 | 0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.771 | 3.1 | 59 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.112 | -2.8 | 61 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.767 | 0.6 | 61 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.861 | 0.3 | 60 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 48.005 | -20.0 | 71 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 41.255 | -3.1 | 62 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.161 | 2.1 | 59 | 0.00 |
| 35 | | Caprolactam | 40.000 | 42.101 | -5.3 | 65 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 42.016 | -5.0 | 64 | 0.01 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.858 | 0.4 | 60 | 0.01 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.690 | -1.7 | 61 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 62 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.638 | 0.9 | 62 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 26.642 | 33.4# | 42 | 0.01 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 88.010 | -10.0 | 70 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.841 | -2.1 | 63 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.075 | -2.7 | 64 | 0.02 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 80.519 | -0.6 | 63 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.455 | 1.4 | 62 | 0.01 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.201 | -0.5 | 64 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.867 | -4.7 | 65 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.927 | -2.3 | 64 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.003 | 2.5 | 63 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.002 | -2.5 | 64 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.497 | -1.2 | 64 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.494 | -6.2 | 67 | 0.01 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 30.316 | 24.2 | 48 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.883 | -2.2 | 64 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 44.292 | -10.7 | 71 | 0.02 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 43.057 | -7.6 | 67 | 0.00 |
| 58 | | Fluorene | 40.000 | 42.056 | -5.1 | 67 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 43.006 | -7.5 | 68 | 0.02 |
| 60 | | Diethylphthalate | 40.000 | 40.235 | -0.6 | 64 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.846 | -2.1 | 64 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 44.837 | -12.1 | 71 | 0.00 |
| 63 | | Azobenzene | 40.000 | 41.997 | -5.0 | 67 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 70 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 29.390 | 26.5# | 50 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.155 | 4.6 | 67 | 0.01 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.140 | 4.6 | 67 | 0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 39.236 | 1.9 | 68 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.913 | 0.2 | 71 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.346 | -5.9 | 73 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.543 | -1.4 | 71 | 0.00 |
| 72 | | Anthracene | 40.000 | 41.892 | -4.7 | 73 | 0.00 |
| 73 | | Carbazole | 40.000 | 41.734 | -4.3 | 73 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 41.506 | -3.8 | 71 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 41.156 | -2.9 | 73 | 0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 75 | 0.02 |
| 77 | | Benzidine | 40.000 | 43.479 | -8.7 | 67 | 0.00 |
| 78 | | Pyrene | 40.000 | 41.430 | -3.6 | 76 | 0.01 |
| 79 | S | Terphenyl-d14 | 80.000 | 85.004 | -6.3 | 90 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 41.362 | -3.4 | 77 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.758 | -1.9 | 77 | 0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.448 | -1.1 | 78 | 0.02 |
| 83 | | Chrysene | 40.000 | 40.349 | -0.9 | 77 | 0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 42.232 | -5.6 | 79 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 42.046 | -5.1 | 78 | 0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 75 | 0.03 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.038 | 2.4 | 75 | 0.07 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.332 | 1.7 | 75 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.521 | -1.3 | 76 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.502 | 1.2 | 75 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.046 | 2.4 | 74 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.916 | 2.7 | 75 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 18:16

Lab File ID: BP025228.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.154 | | -2.5 | |
| Phenol-d6 | 1.466 | 1.503 | | 2.5 | |
| Nitrobenzene-d5 | 0.360 | 0.357 | | -0.8 | |
| Naphthalene | 1.023 | 1.014 | | -0.9 | |
| 2-Methylnaphthalene | 0.665 | 0.679 | | 2.1 | |
| 2-Fluorobiphenyl | 1.419 | 1.419 | | 0.0 | |
| Acenaphthylene | 1.831 | 1.860 | | 1.6 | |
| Acenaphthene | 1.059 | 1.066 | | 0.7 | 20.0 |
| Fluorene | 1.358 | 1.396 | | 2.8 | |
| 2,4,6-Tribromophenol | 0.295 | 0.310 | | 5.1 | |
| Phenanthrene | 1.079 | 1.084 | | 0.5 | |
| Anthracene | 1.087 | 1.115 | | 2.6 | |
| Fluoranthene | 1.270 | 1.277 | | 0.6 | 20.0 |
| Pyrene | 1.233 | 1.277 | | 3.6 | |
| Terphenyl-d14 | 1.013 | 1.070 | | 5.6 | |
| Benzo(a)anthracene | 1.263 | 1.244 | | -1.5 | |
| Chrysene | 1.179 | 1.183 | | 0.3 | |
| Benzo(b)fluoranthene | 1.145 | 1.141 | | -0.3 | |
| Benzo(k)fluoranthene | 1.130 | 1.115 | | -1.3 | |
| Benzo(a)pyrene | 1.117 | 1.105 | | -1.1 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.429 | | -2.3 | |
| Dibenzo(a,h)anthracene | 1.192 | 1.156 | | -3.0 | |
| Benzo(g,h,i)perylene | 1.172 | 1.126 | | -3.9 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 475755 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2010398 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1363058 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 2867783 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2918399 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.483 | 264 | 3385440 | 20.000 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2196567 | 78.011 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2861029 | 82.039 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 2873708 | 79.438 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 1690516 | 84.128 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.683 | 172 | 7739219 | 80.047 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 12492781 | 84.502 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 393587 | 37.296 | ng | 100 |
| 3) Pyridine | 3.490 | 79 | 1090608 | 38.607 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 435495 | 38.874 | ng | 95 |
| 6) Aniline | 6.784 | 93 | 1852487 | 40.638 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1296331 | 40.576 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 930250 | 39.343 | ng | 99 |
| 10) Phenol | 6.666 | 94 | 1467116 | 40.566 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1103356 | 39.793 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1409952 | 39.245 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 1433228 | 39.521 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 1397689 | 40.064 | ng | 100 |
| 15) Benzyl Alcohol | 7.678 | 79 | 1042913 | 41.459 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 1399883 | 39.458 | ng | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 1036790 | 41.350 | ng | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 493527 | 39.573 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 861892 | 41.082 | ng | 99 |
| 20) 3+4-Methylphenols | 8.201 | 107 | 1427970 | 41.751 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1831992 | 39.161 | ng | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 1277454 | 39.614 | ng | 97 |
| 25) Isophorone | 9.131 | 82 | 2499307 | 39.287 | ng | 99 |
| 26) 2-Nitrophenol | 9.301 | 139 | 754572 | 40.747 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1242956 | 40.112 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 1537420 | 38.637 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.837 | 162 | 1301415 | 40.880 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 1377874 | 39.627 | ng | 100 |
| 31) Naphthalene | 10.231 | 128 | 4078359 | 39.644 | ng | 100 |
| 32) Benzoic acid | 9.542 | 122 | 1130735 | 47.799 | ng | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 1843296 | 40.762 | ng | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 820021 | 39.183 | ng | 100 |
| 35) Caprolactam | 11.131 | 113 | 442265 | 41.859 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1343300 | 42.212 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 2729444 | 40.859 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 2849738 | 40.612 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 1603484 | 39.246 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 686433 | 28.144 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.478 | 196 | 1125399 | 40.313 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 1268169 | 41.280 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.883 | 154 | 3899850 | 39.468 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 3060262 | 39.669 | ng | 100 |
| 48) 2-Nitroaniline | 13.136 | 65 | 801067 | 40.662 | ng | 98 |
| 49) Acenaphthylene | 13.789 | 152 | 5069233 | 40.627 | ng | 100 |
| 50) Dimethylphthalate | 13.542 | 163 | 3841185 | 39.404 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 869516 | 41.051 | ng | 99 |
| 52) Acenaphthene | 14.142 | 154 | 2905616 | 40.271 | ng | 99 |
| 53) 3-Nitroaniline | 13.983 | 138 | 989939 | 41.445 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 388691 | 30.972 | ng | 99 |
| 55) Dibenzofuran | 14.483 | 168 | 4751994 | 40.773 | ng | 99 |
| 56) 4-Nitrophenol | 14.325 | 139 | 863006 | 42.223 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1246666 | 42.047 | ng | 97 |
| 58) Fluorene | 15.154 | 166 | 3806233 | 41.137 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.725 | 232 | 1149936 | 42.296 | ng | 99 |
| 60) Diethylphthalate | 14.942 | 149 | 3976402 | 41.387 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 1882300 | 40.260 | ng | 98 |
| 62) 4-Nitroaniline | 15.172 | 138 | 1023508 | 42.134 | ng | 97 |
| 63) Azobenzene | 15.460 | 77 | 3266015 | 41.714 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 581859 | 31.439 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.377 | 169 | 3454679 | 39.689 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.066 | 248 | 1298184 | 38.788 | ng | 99 |
| 68) Hexachlorobenzene | 16.183 | 284 | 1585091 | 39.880 | ng | 98 |
| 69) Atrazine | 16.377 | 200 | 1295226 | 40.212 | ng | 100 |
| 70) Pentachlorophenol | 16.548 | 266 | 1118886 | 41.397 | ng | 100 |
| 71) Phenanthrene | 16.942 | 178 | 6216763 | 40.193 | ng | 100 |
| 72) Anthracene | 17.036 | 178 | 6397046 | 41.055 | ng | 100 |
| 73) Carbazole | 17.319 | 167 | 5947679 | 39.986 | ng | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 7287726 | 42.462 | ng | 100 |
| 75) Fluoranthene | 19.048 | 202 | 7323528 | 40.231 | ng | 99 |
| 77) Benzidine | 19.254 | 184 | 4620449 | 45.096 | ng | 99 |
| 78) Pyrene | 19.424 | 202 | 7452139 | 41.413 | ng | 99 |
| 80) Butylbenzylphthalate | 20.412 | 149 | 3474816 | 42.660 | ng | 99 |
| 81) Benzo(a)anthracene | 21.318 | 228 | 7258836 | 39.386 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3081562 | 40.337 | ng | 100 |
| 83) Chrysene | 21.383 | 228 | 6904059 | 40.130 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 5131749 | 44.060 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.512 | 149 | 8746357 | 43.487 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.012 | 276 | 9674949m | 39.107 | ng | |
| 88) Benzo(b)fluoranthene | 23.495 | 252 | 7728646 | 39.882 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.571 | 252 | 7546215 | 39.445 | ng | 99 |
| 90) Benzo(a)pyrene | 24.342 | 252 | 7480970 | 39.566 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.100 | 278 | 7830236 | 38.794 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.112 | 276 | 7622690 | 38.429 | ng | 99 |

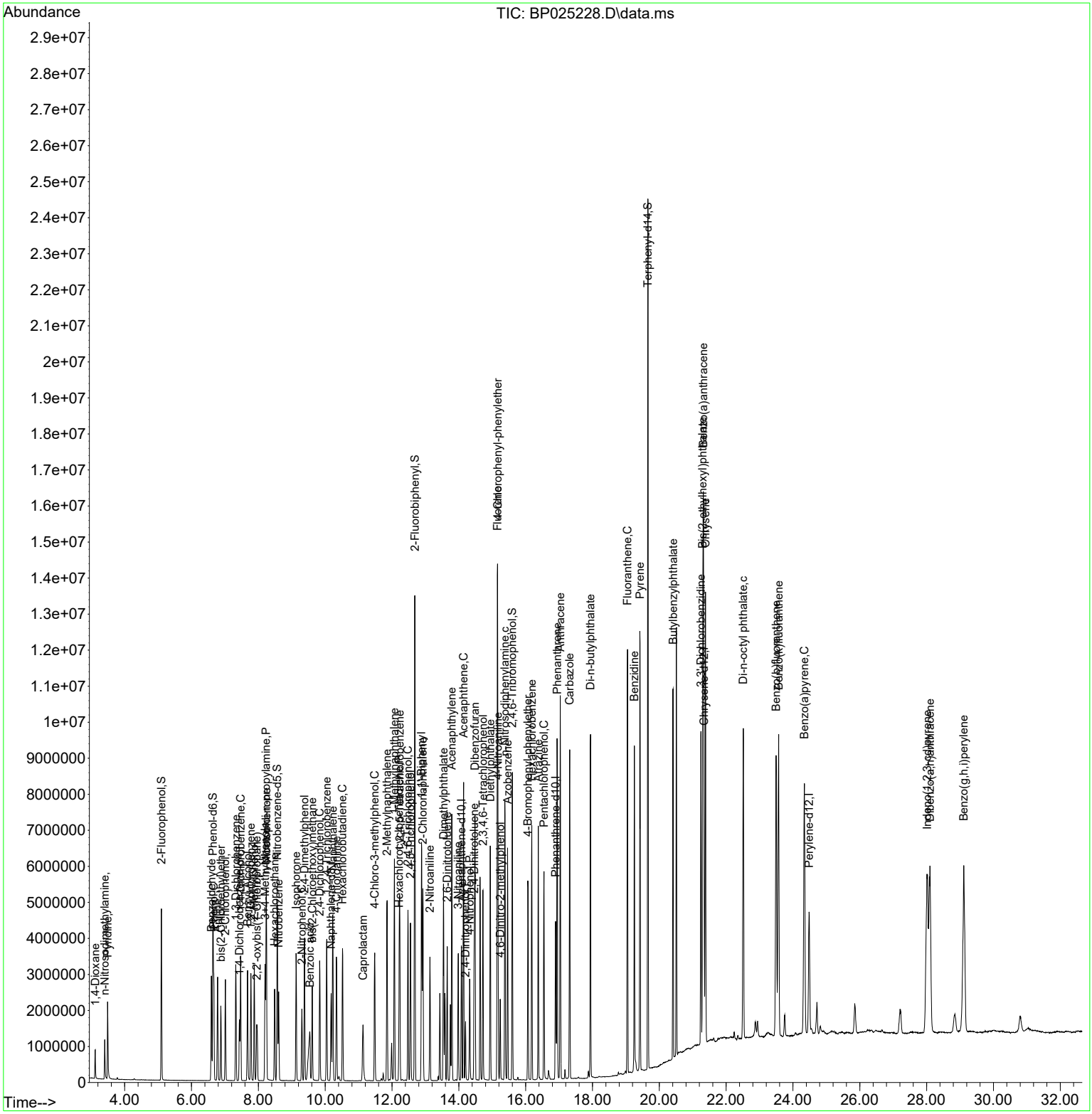
(#) = qualifier out of range (m) = manual integration (+) = signals summed

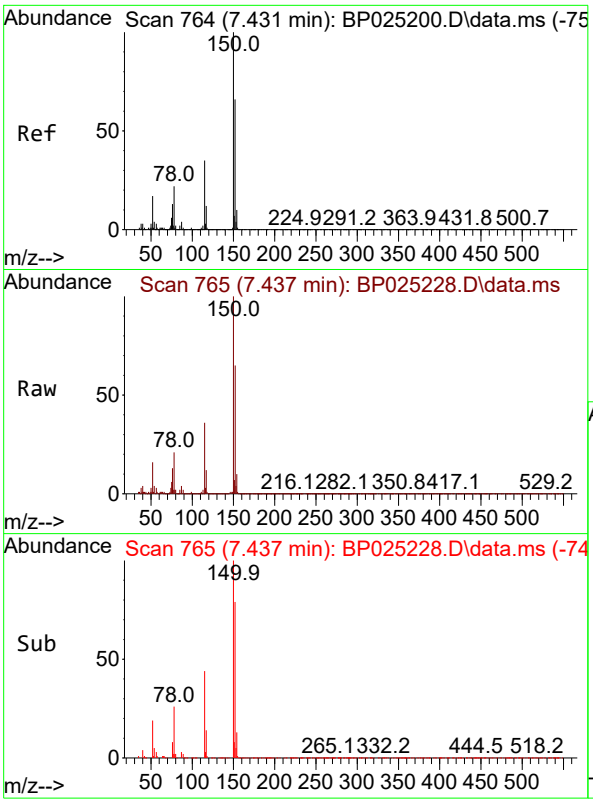
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

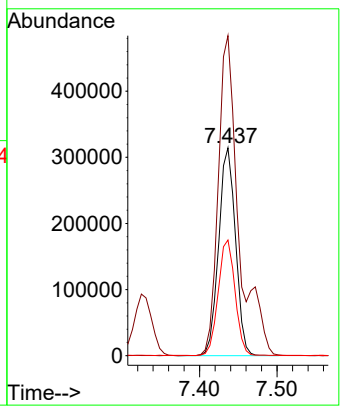





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 47575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.9 | 121.9 | 182.9 |
| 115 | 55.7 | 43.0 | 64.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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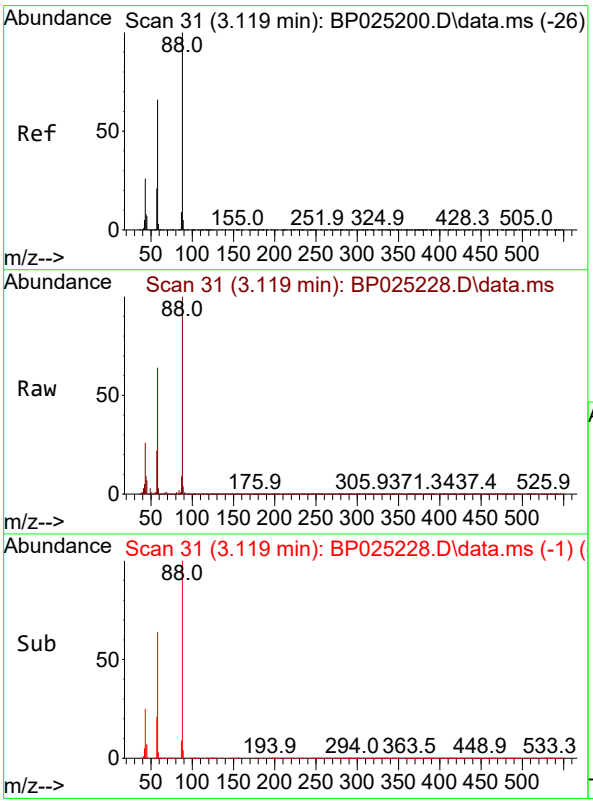
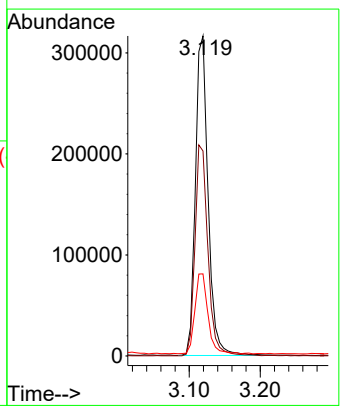
Supervised By :Jagrut Upadhyay 07/24/2025

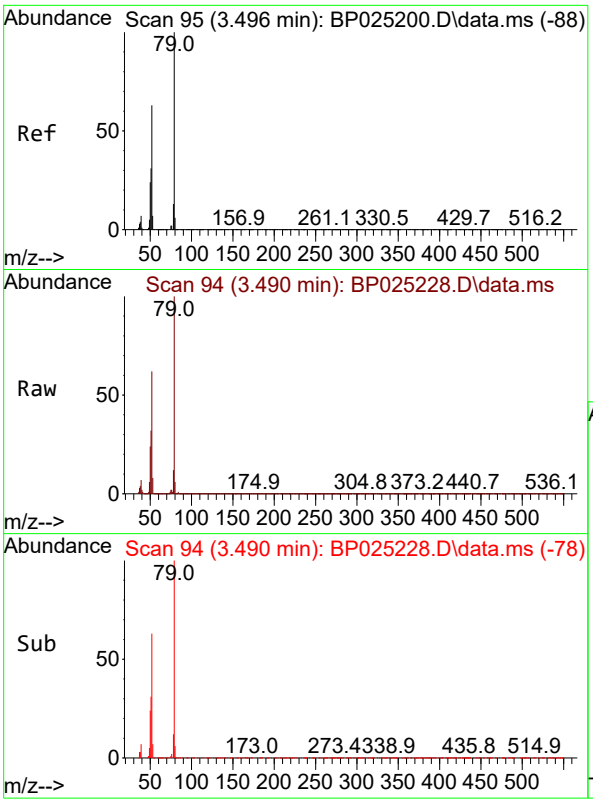



#2
1,4-Dioxane
Concen: 37.296 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 88 Resp: 393587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.0 | 53.5 | 80.3 |
| 43 | 25.7 | 20.8 | 31.2 |

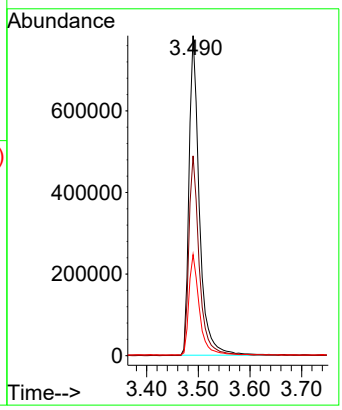





#3
Pyridine
Concen: 38.607 ng
RT: 3.490 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 79 Resp: 109060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.5 | 50.2 | 75.4 |
| 51 | 31.6 | 25.0 | 37.4 |




**Instrument :**
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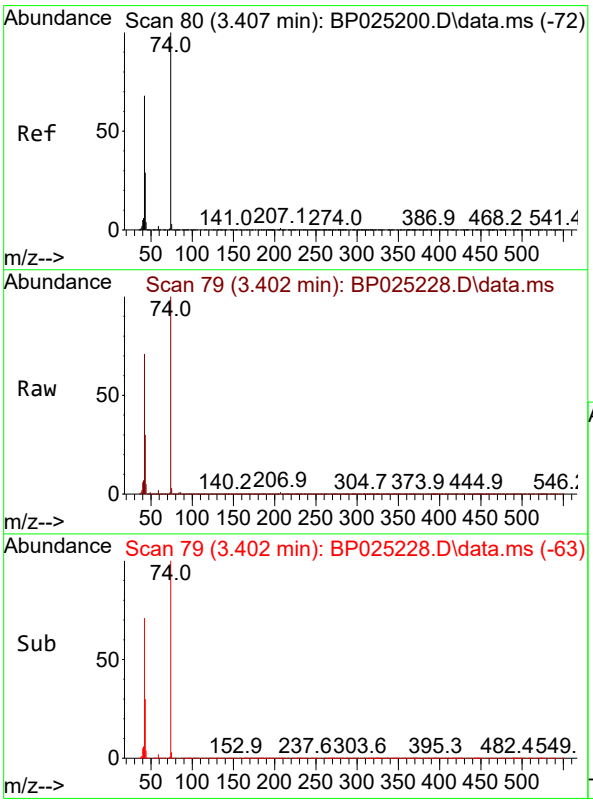
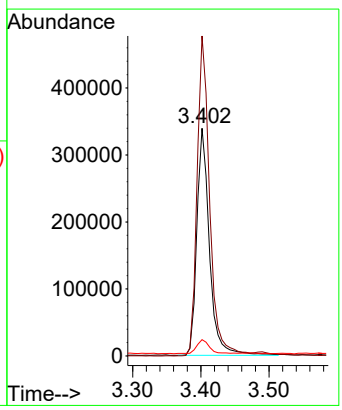
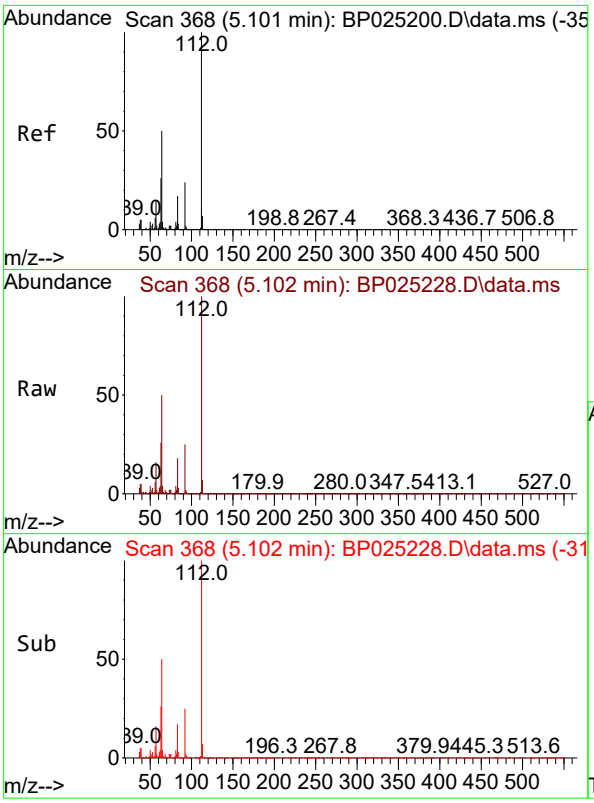



#4
n-Nitrosodimethylamine
Concen: 38.874 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 42 Resp: 435495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.6 | 118.0 | 177.0 |
| 44 | 7.2 | 5.5 | 8.3 |

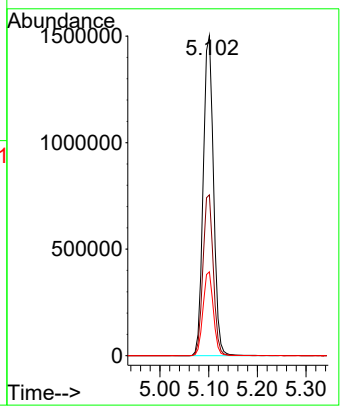





#5
2-Fluorophenol
Concen: 78.011 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:112 Resp: 219656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 39.8 | 59.6 |
| 63 | 26.2 | 20.5 | 30.7 |




**Instrument :**
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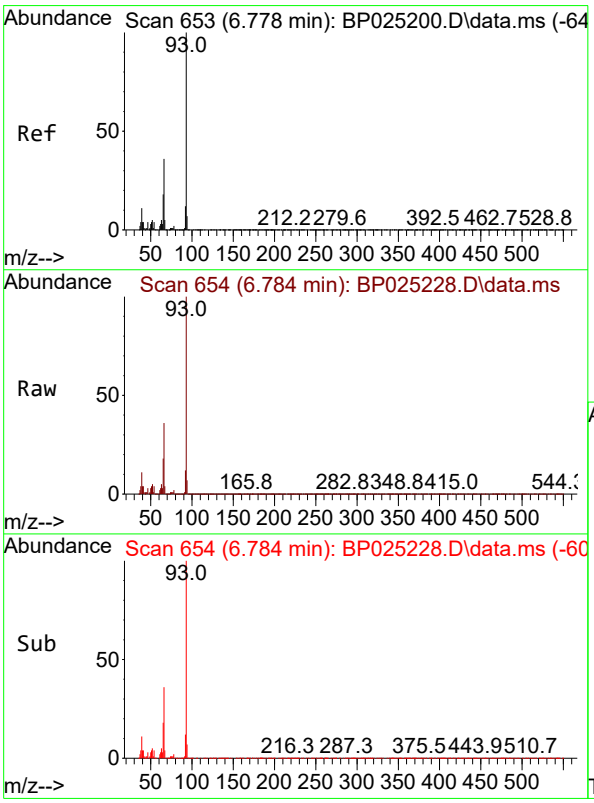
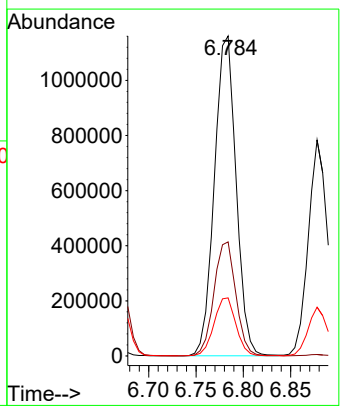
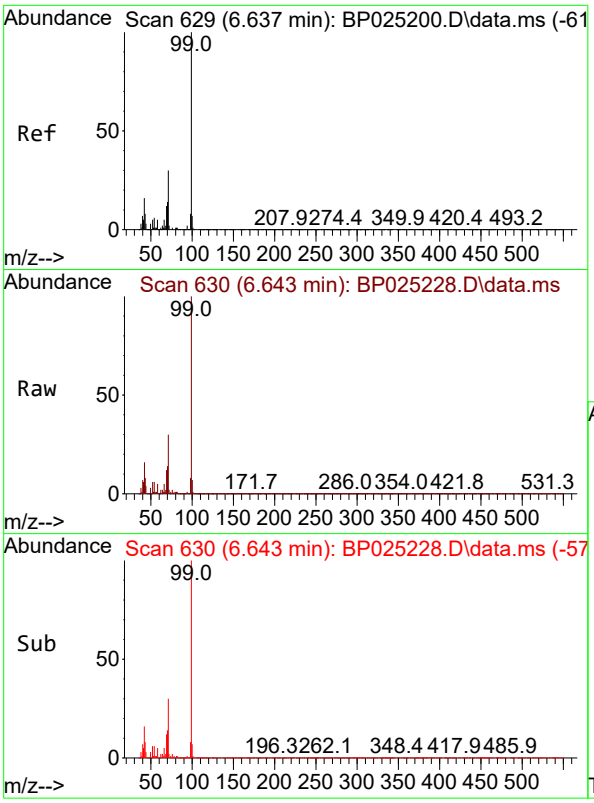



#6
Aniline
Concen: 40.638 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1852487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |

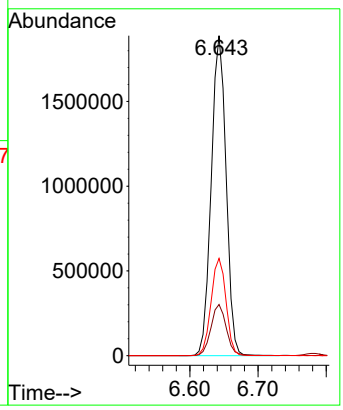





#7
Phenol-d6
Concen: 82.039 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 99 Resp: 286102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.5 | 18.7 |
| 71 | 30.4 | 24.2 | 36.2 |




**Instrument :**
BNA_P
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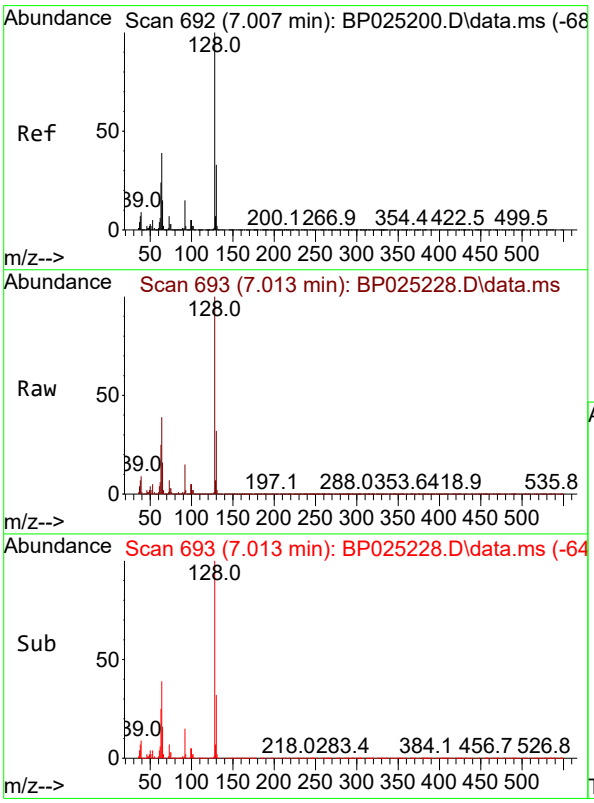
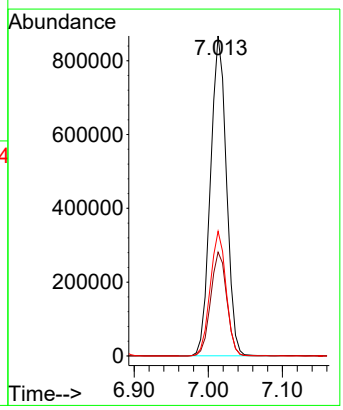
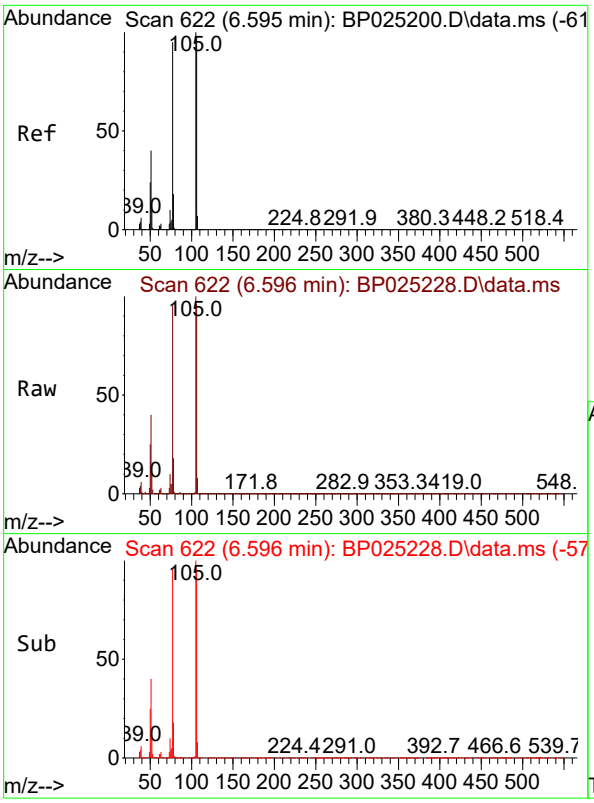



#8
2-Chlorophenol
Concen: 40.576 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 1296331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.9 | 52.9 |
| 64 | 38.9 | 19.2 | 59.2 |

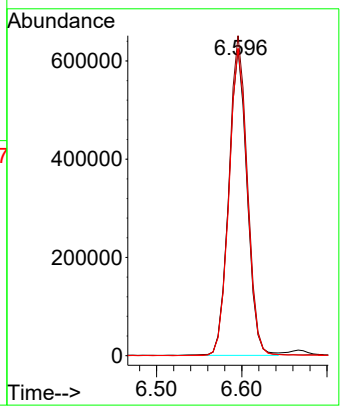





#9
Benzaldehyde
Concen: 39.343 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 93025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.5 | 85.5 | 125.5 |
| 106 | 100.4 | 81.9 | 121.9 |




**Instrument :**
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**ClientSampleId :**
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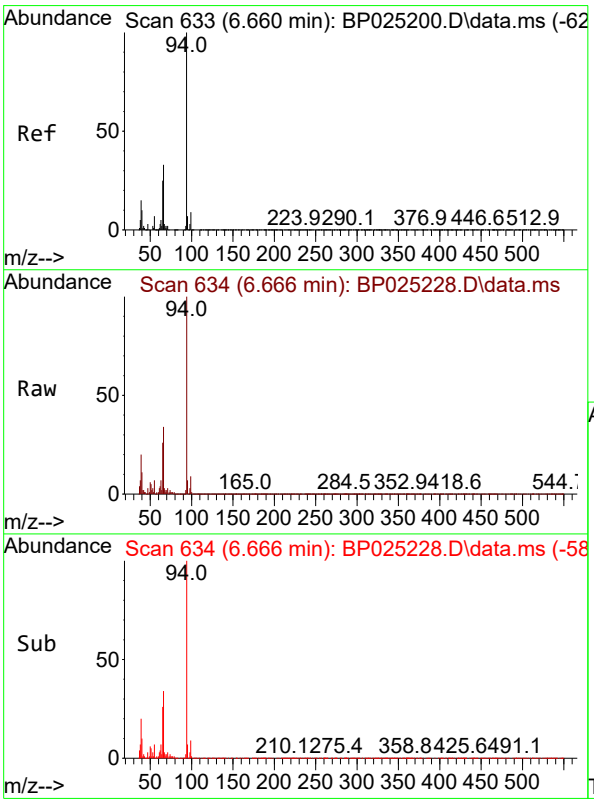
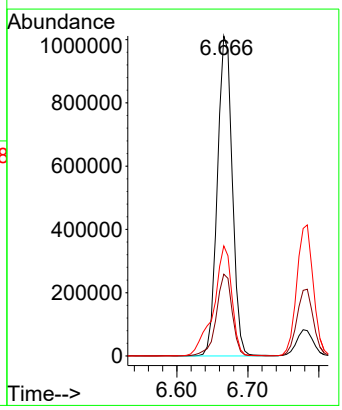
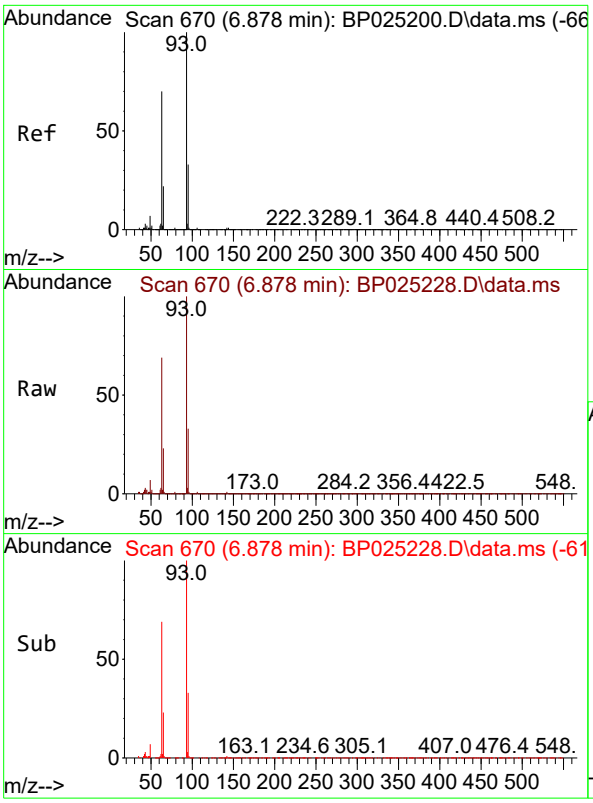



#10
Phenol
Concen: 40.566 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 94 Resp: 1467116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.5 | 5.4 | 45.4 |
| 66 | 34.4 | 13.5 | 53.5 |

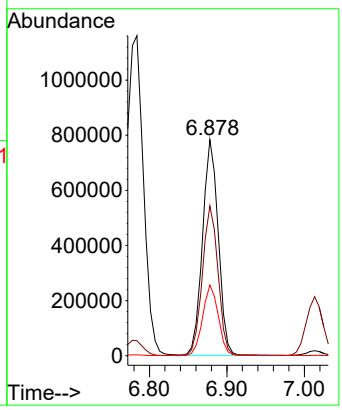





#11
bis(2-Chloroethyl)ether
Concen: 39.793 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 110335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.4 | 50.0 | 90.0 |
| 95 | 32.7 | 12.9 | 52.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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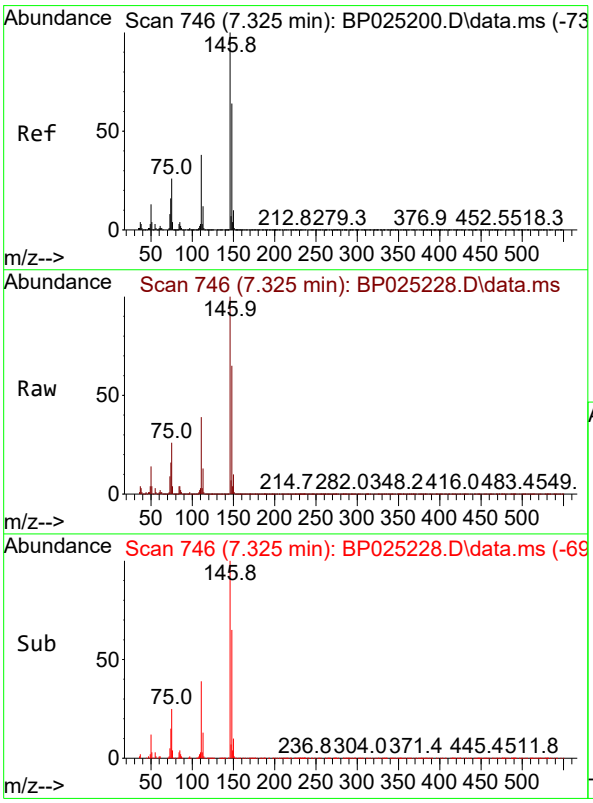
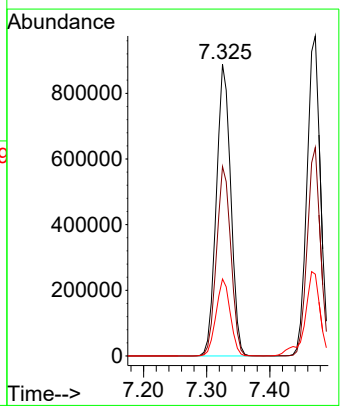
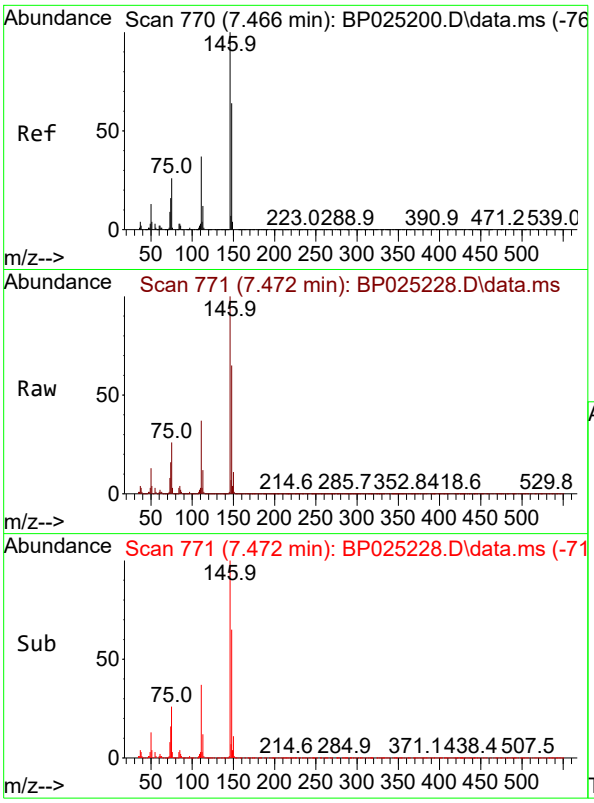



#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1409952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 51.4 | 77.0 |
| 75 | 26.4 | 20.6 | 31.0 |

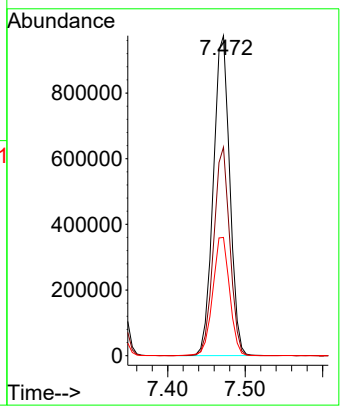





#13
1,4-Dichlorobenzene
Concen: 39.521 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 143228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.2 |
| 111 | 37.0 | 29.9 | 44.9 |

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**ClientSampleId :**
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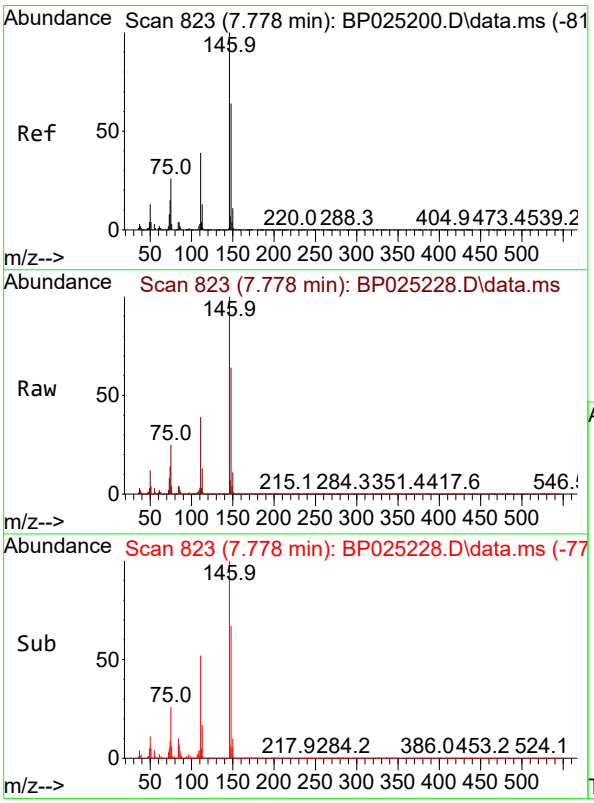
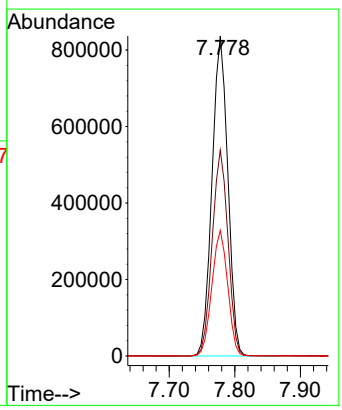
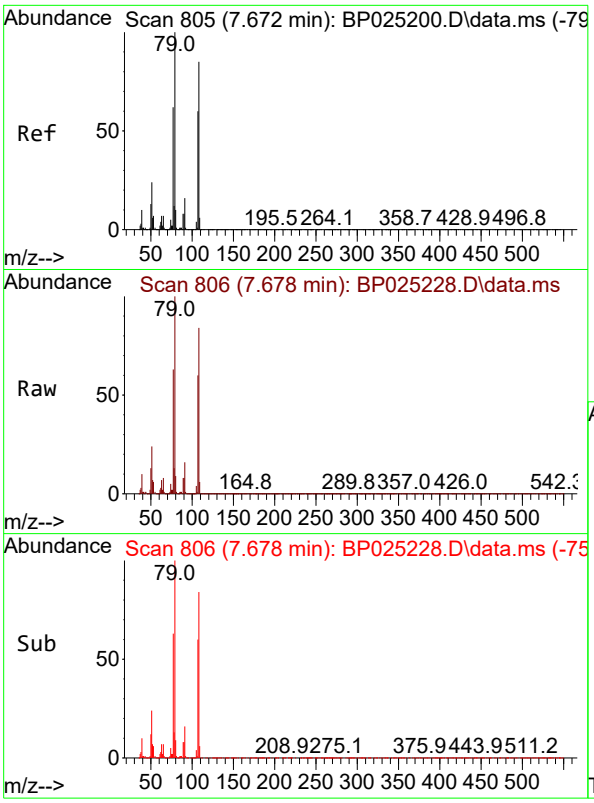



#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1397689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.5 | 77.3 |
| 111 | 39.2 | 31.3 | 46.9 |






#15
Benzyl Alcohol
Concen: 41.459 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 79 Resp: 104291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.9 | 67.8 | 101.6 |
| 77 | 62.6 | 49.9 | 74.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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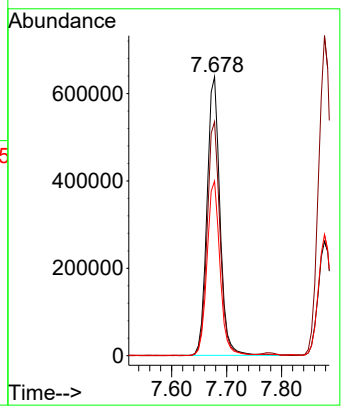
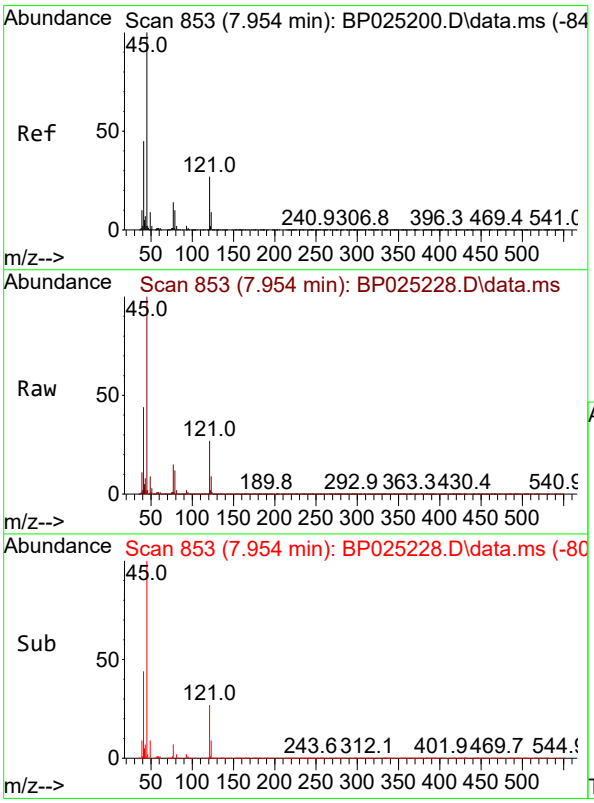
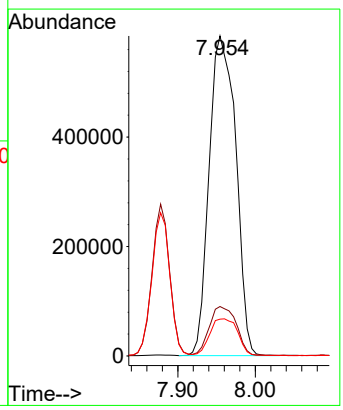


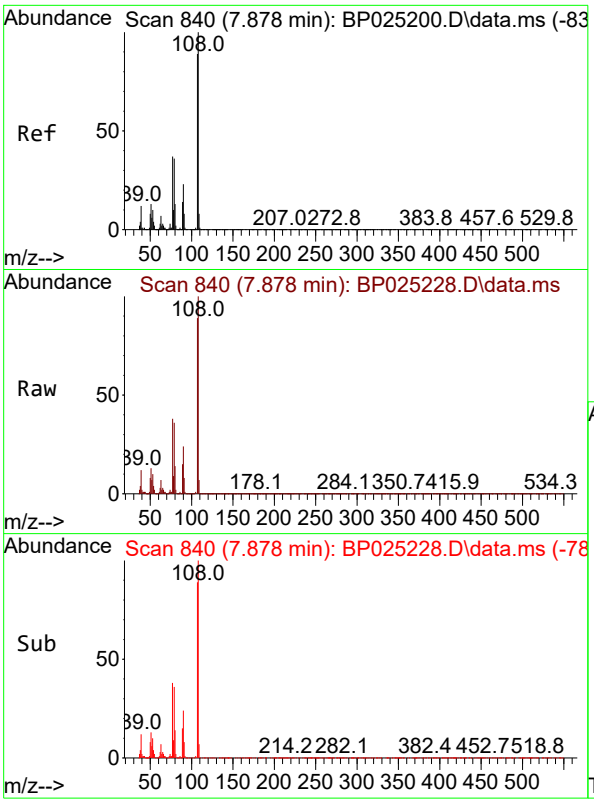




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 45 Resp: 1399883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.4 | 0.0 | 36.0 |
| 79 | 11.5 | 0.0 | 31.7 |

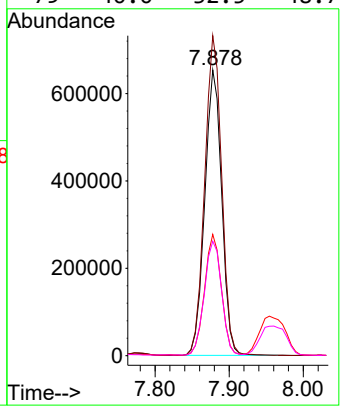





#17
2-Methylphenol
Concen: 41.350 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 103679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 89.8 | 134.8 |
| 77 | 42.4 | 33.2 | 49.8 |
| 79 | 40.0 | 32.5 | 48.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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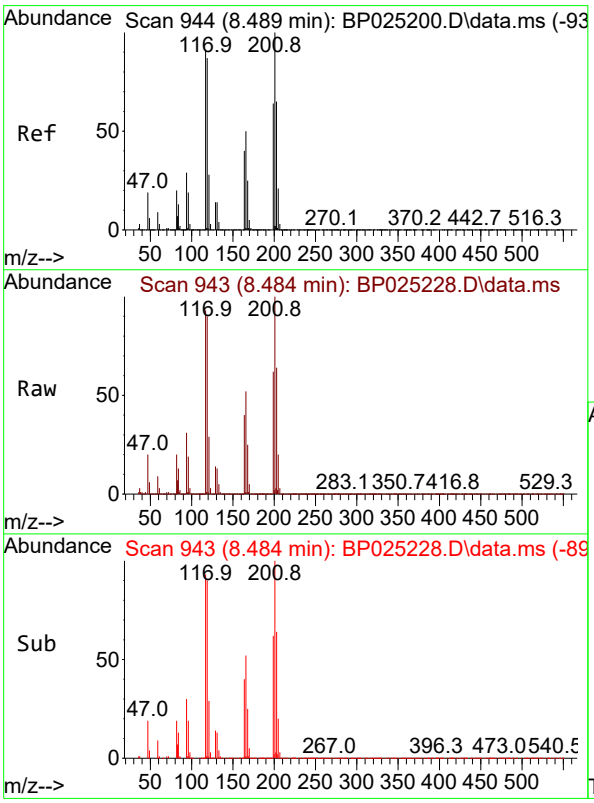
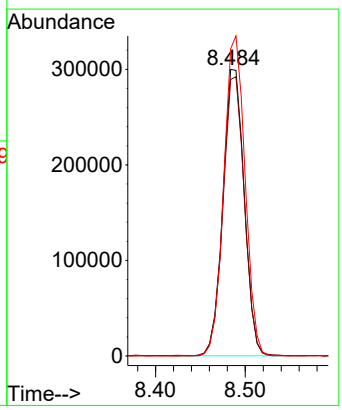
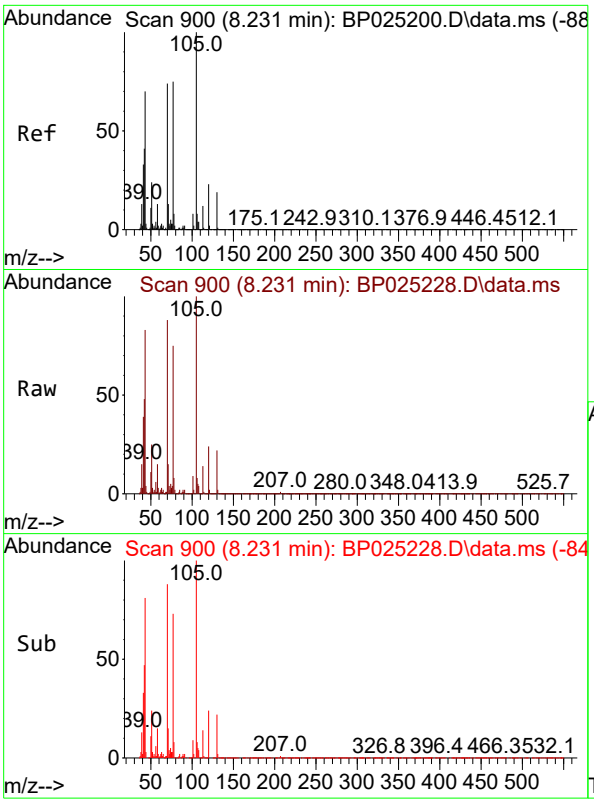



#18
Hexachloroethane
Concen: 39.573 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:117 Resp: 493527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.0 | 115.6 |
| 201 | 107.2 | 88.3 | 132.5 |

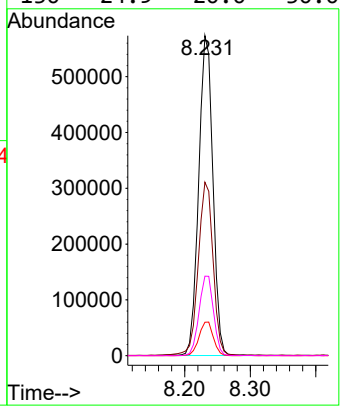





#19
n-Nitroso-di-n-propylamine
Concen: 41.082 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 70 Resp: 86189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.2 | 44.2 | 66.2 |
| 101 | 10.4 | 8.6 | 12.8 |
| 130 | 24.9 | 20.0 | 30.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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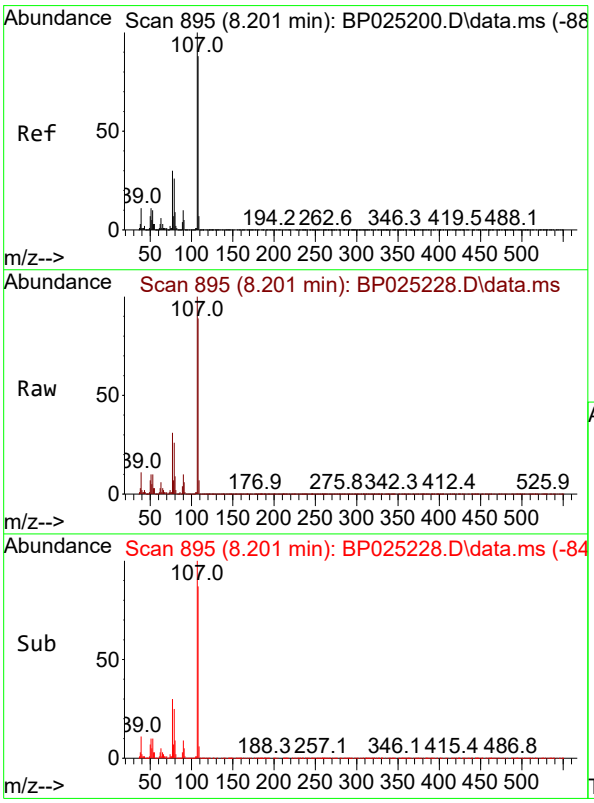
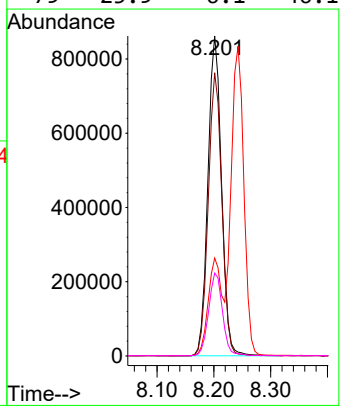
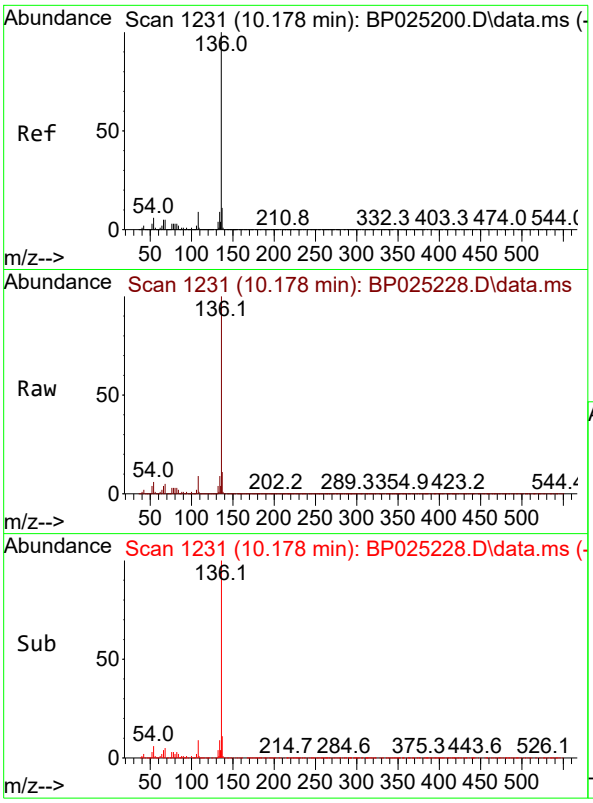



#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1427970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 67.8 | 107.8 |
| 77 | 30.6 | 10.3 | 50.3 |
| 79 | 25.9 | 6.1 | 46.1 |

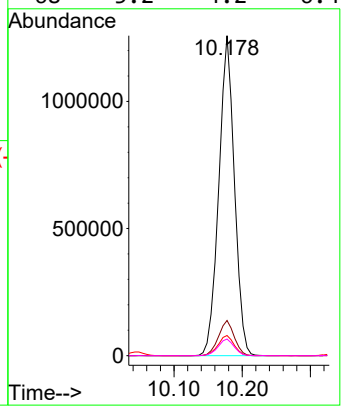





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:136 Resp: 201039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 6.3 | 5.1 | 7.7 |
| 68 | 5.2 | 4.2 | 6.4 |




**Instrument :**
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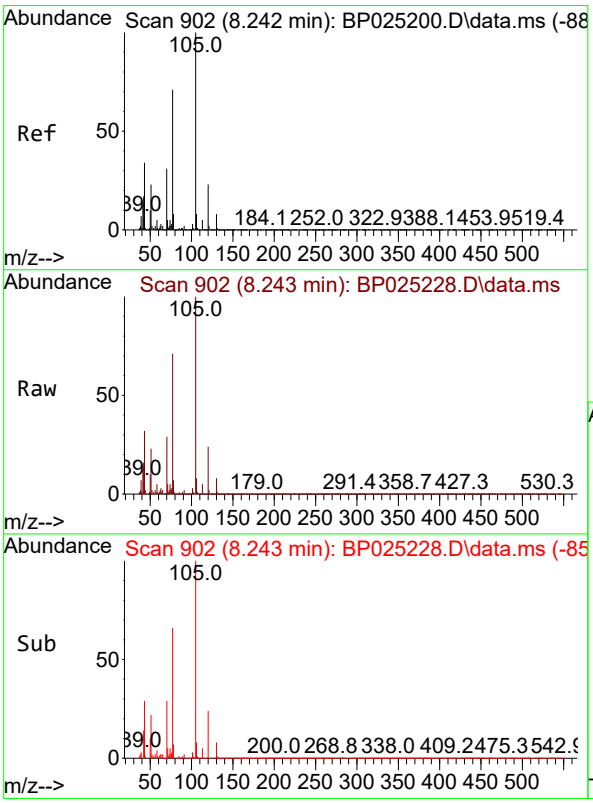
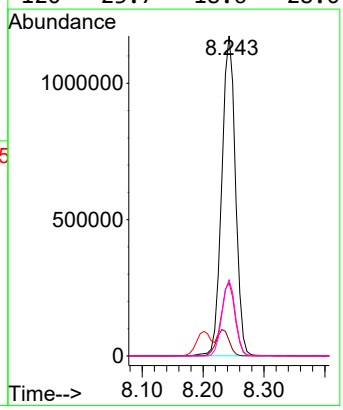
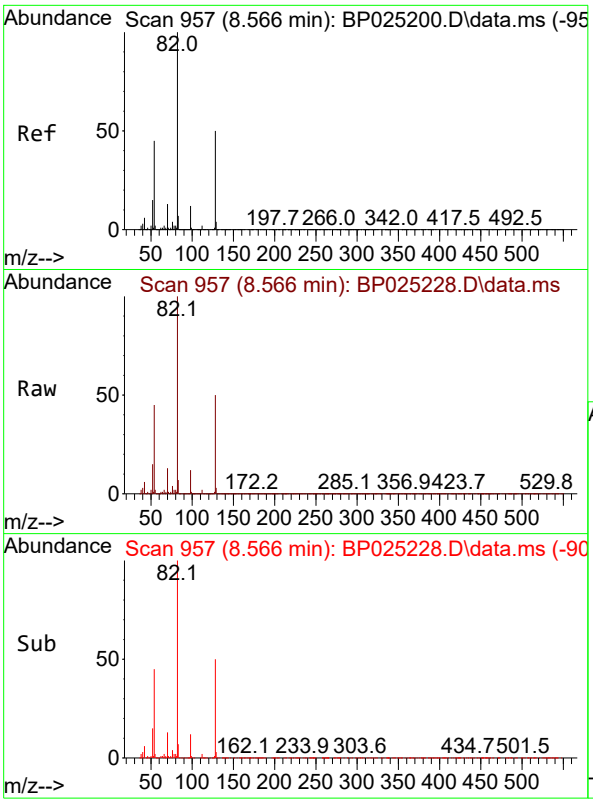



#22
Acetophenone
Concen: 39.161 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:105 Resp: 1831992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 4.1 | 6.1 |
| 51 | 22.8 | 18.5 | 27.7 |
| 120 | 23.7 | 18.6 | 28.0 |

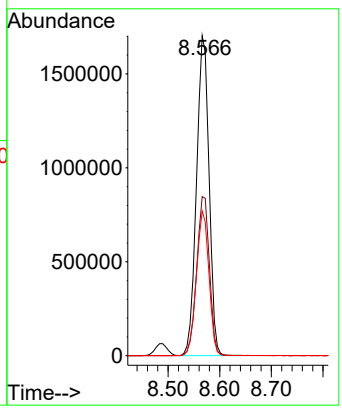





#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 287370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.7 | 40.2 | 60.4 |
| 54 | 45.2 | 36.3 | 54.5 |




**Instrument :**
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**ClientSampleId :**
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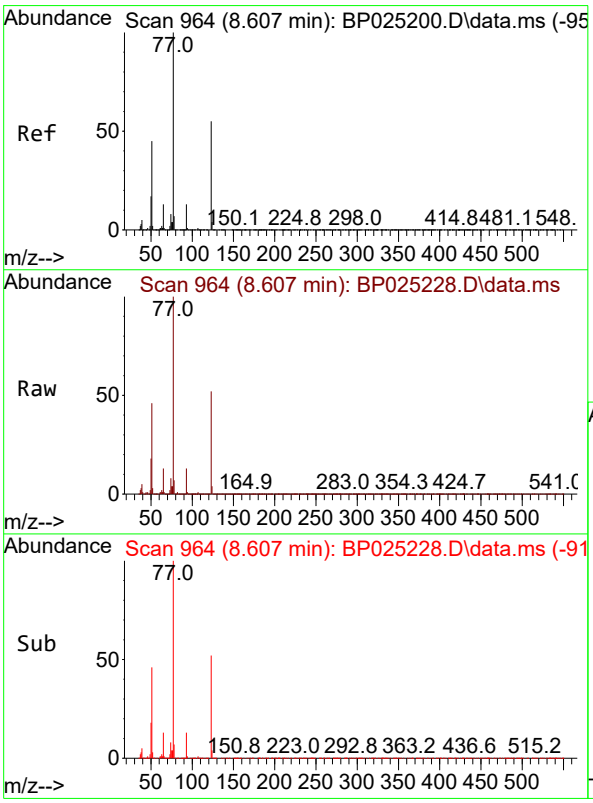
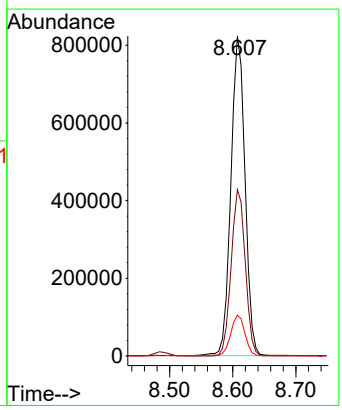
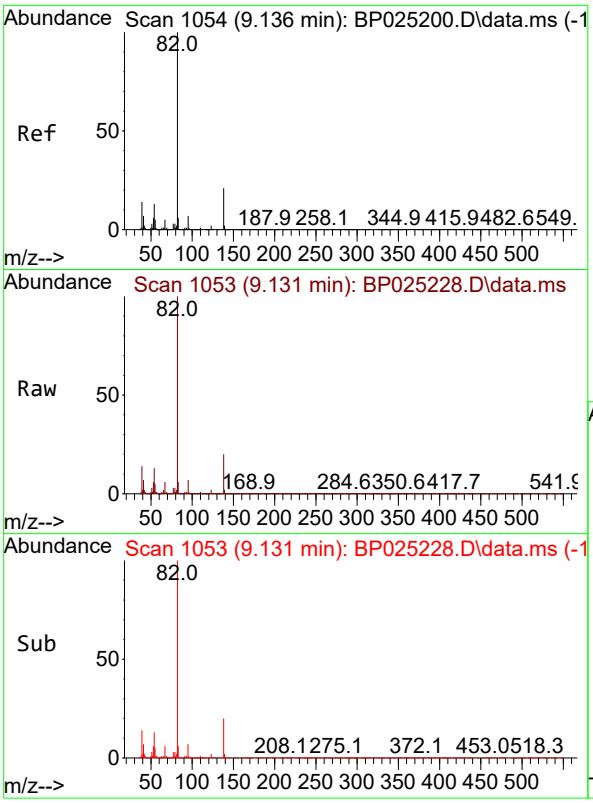



#24
Nitrobenzene
Concen: 39.614 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 1277454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.0 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |

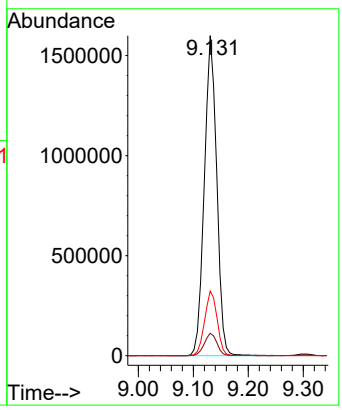





#25
Isophorone
Concen: 39.287 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 249930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 20.2 | 16.6 | 25.0 |




**Instrument :**
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**ClientSampleId :**
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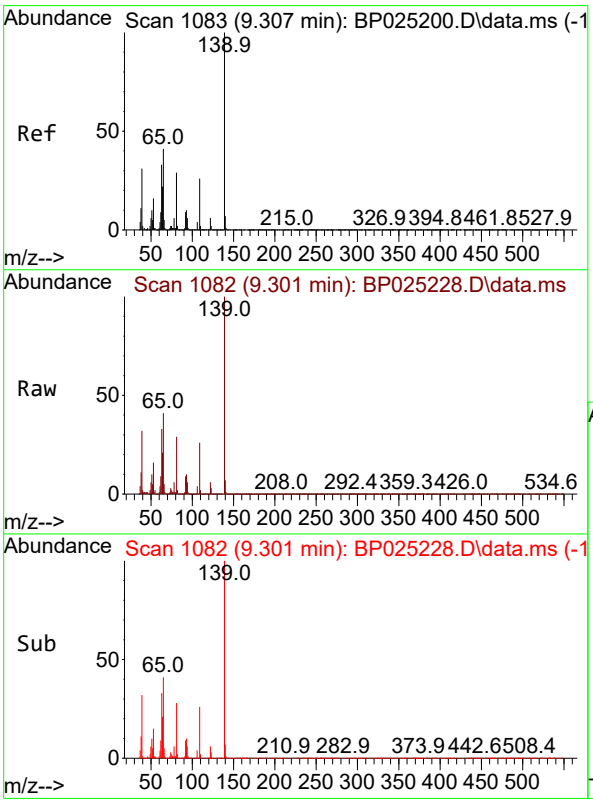
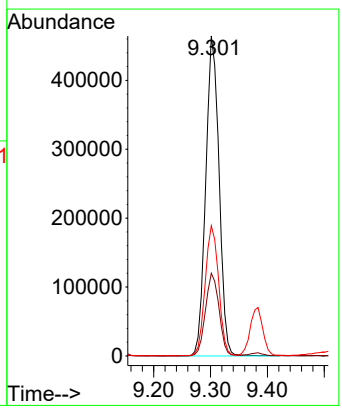
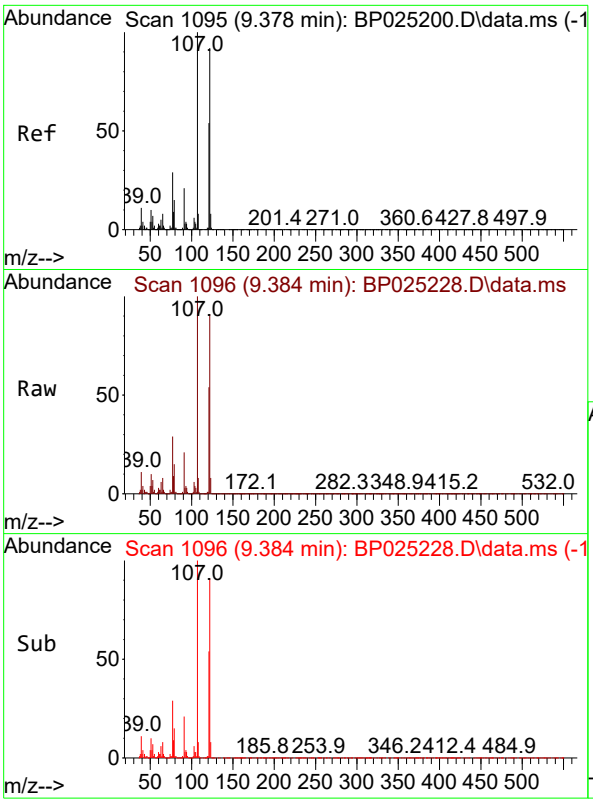



#26
2-Nitrophenol
Concen: 40.747 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 754572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 40.7 | 32.7 | 49.1 |

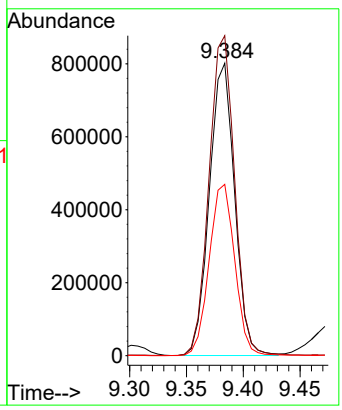





#27
2,4-Dimethylphenol
Concen: 40.112 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 124295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.4 | 87.0 | 130.4 |
| 121 | 58.6 | 46.7 | 70.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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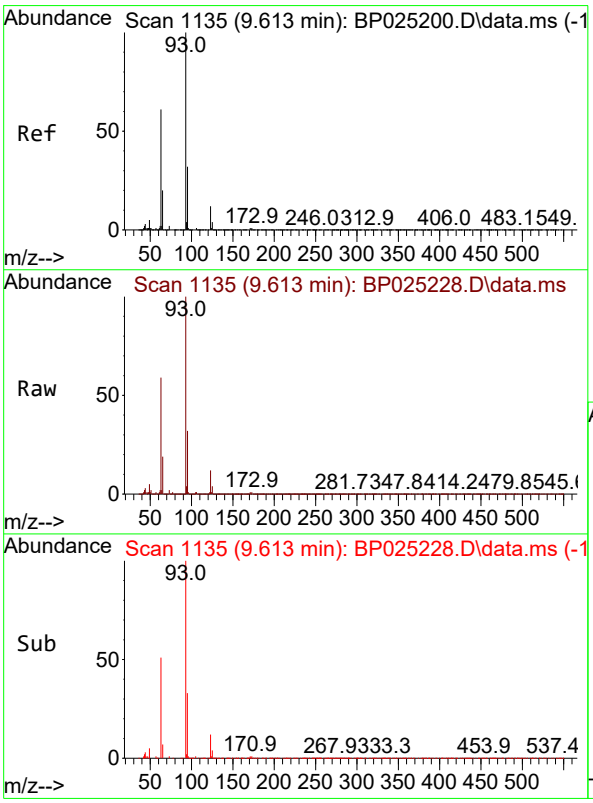
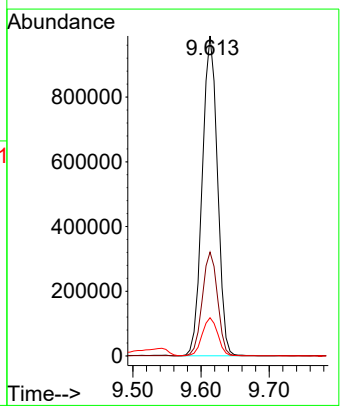
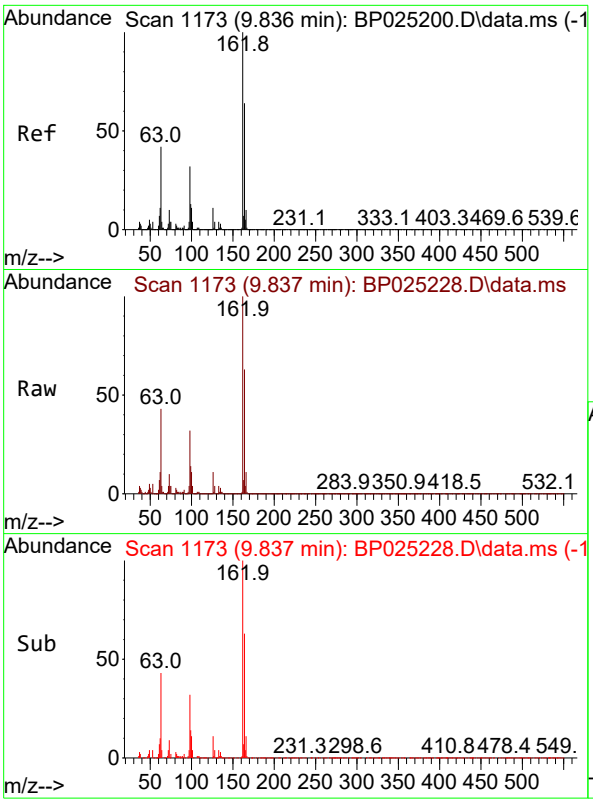



#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1537420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.0 | 39.0 |
| 123 | 12.0 | 9.8 | 14.6 |






#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:162 Resp: 130141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

**Instrument :**
BNA_P
**ClientSampleId :**
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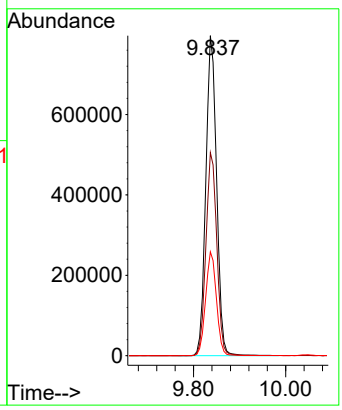
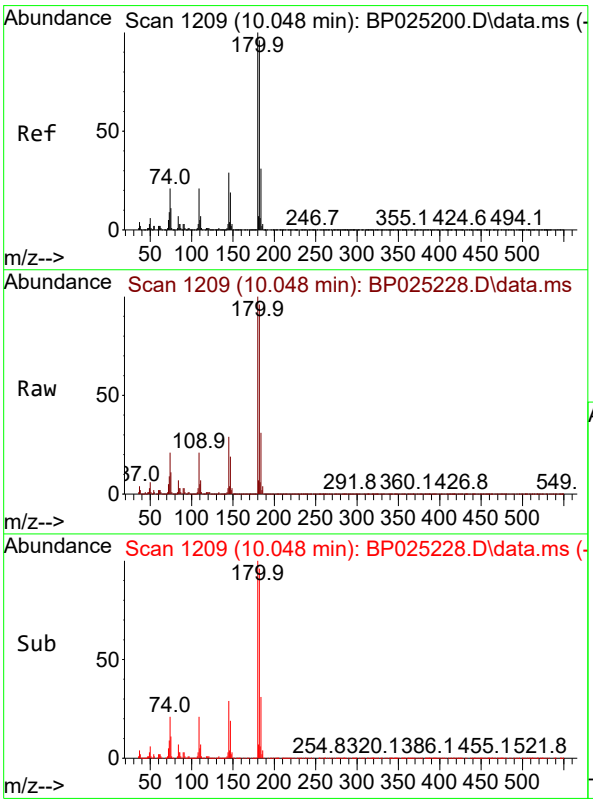
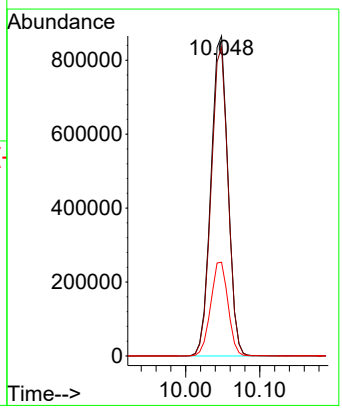


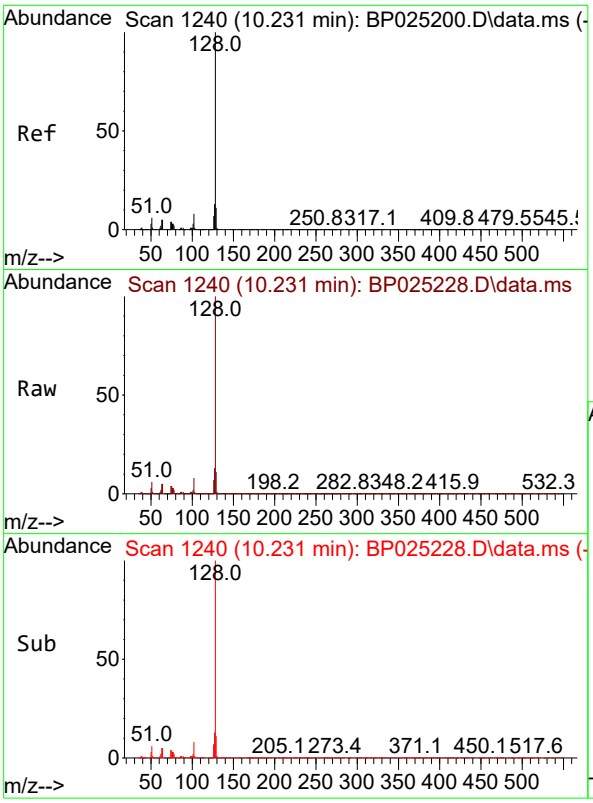




#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:180 Resp: 1377874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 76.7 | 115.1 |
| 145 | 29.3 | 23.5 | 35.3 |

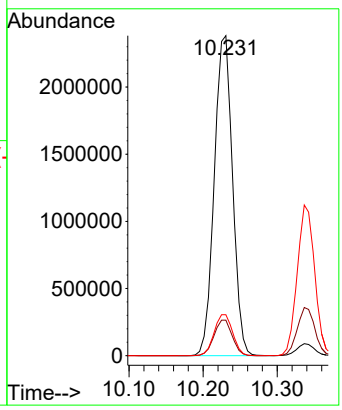





#31
Naphthalene
Concen: 39.644 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 407835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 12.8 | 10.4 | 15.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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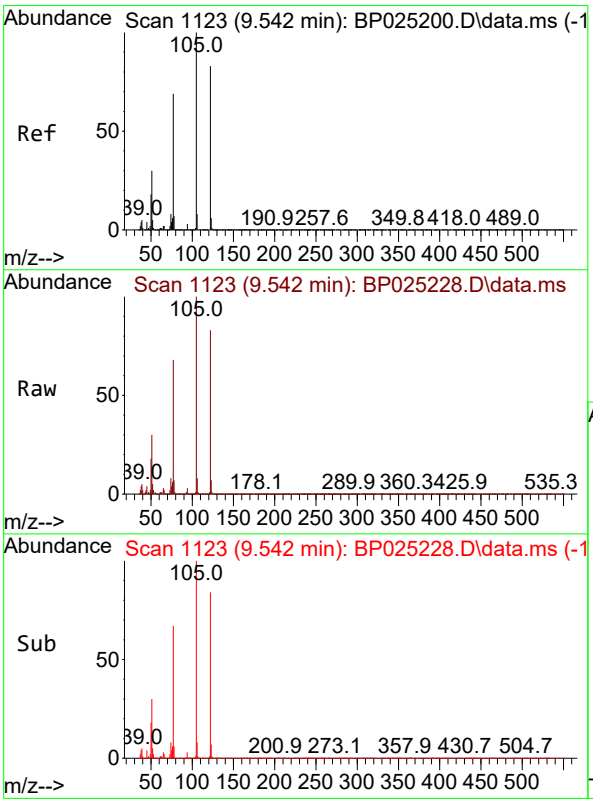
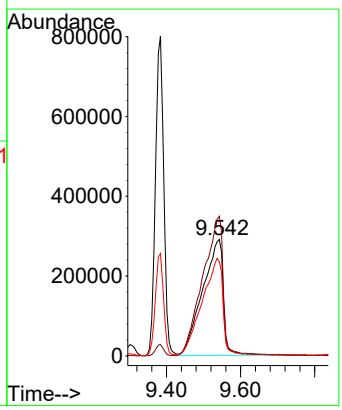
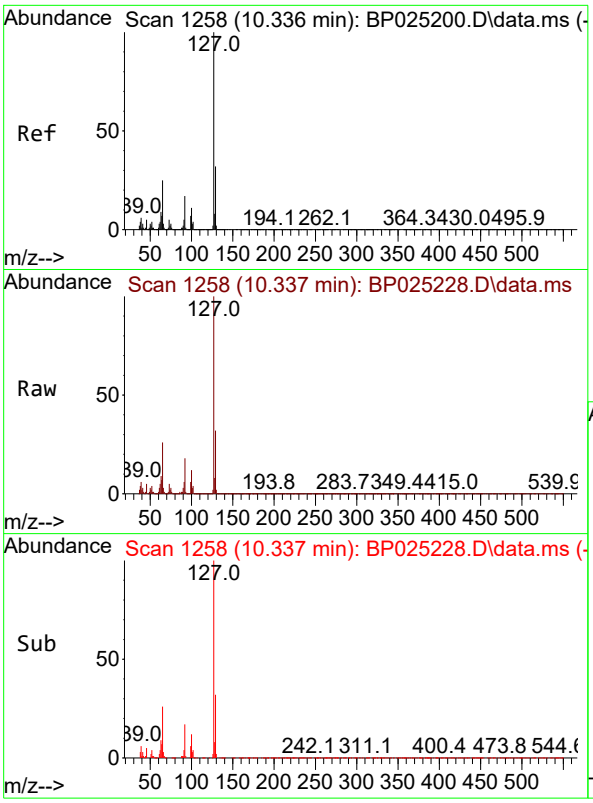



#32
Benzoic acid
Concen: 47.799 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 1130735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.9 | 98.1 | 138.1 |
| 77 | 81.1 | 62.7 | 102.7 |

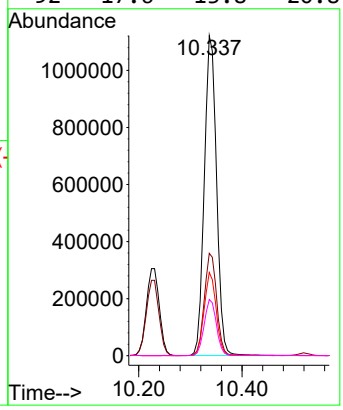





#33
4-Chloroaniline
Concen: 40.762 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:127 Resp: 184329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 26.0 | 20.2 | 30.4 |
| 92 | 17.6 | 13.8 | 20.8 |

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SSTDCCC040

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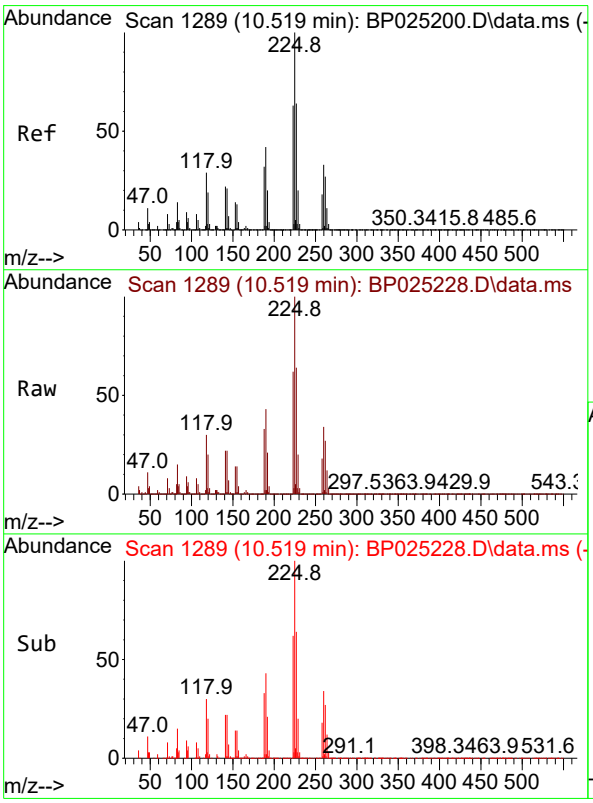
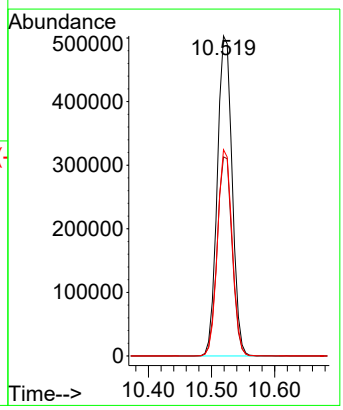
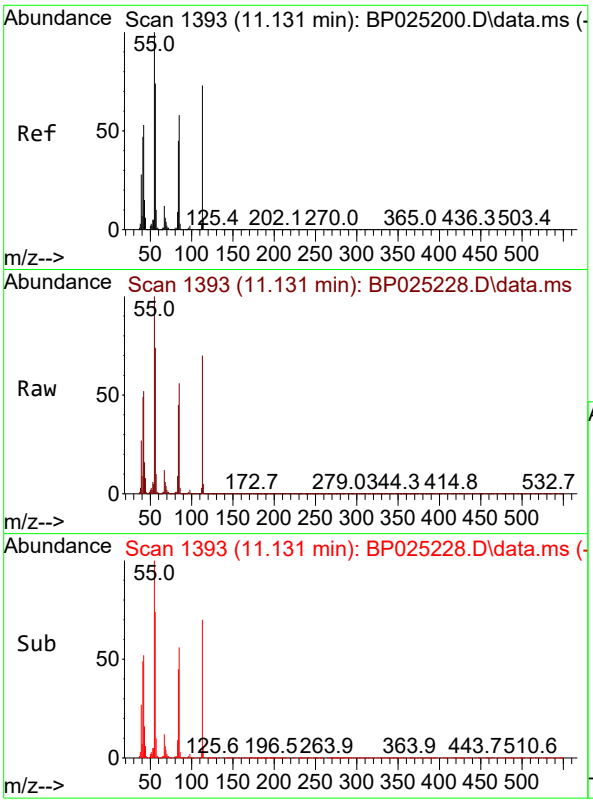



#34
Hexachlorobutadiene
Concen: 39.183 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:225 Resp: 820021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 50.1 | 75.1 |
| 227 | 64.4 | 51.4 | 77.0 |






#35
Caprolactam
Concen: 41.859 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:113 Resp: 44226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 142.6 | 117.6 | 157.6 |
| 56 | 104.8 | 82.4 | 122.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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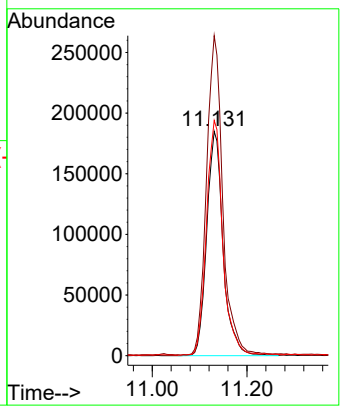
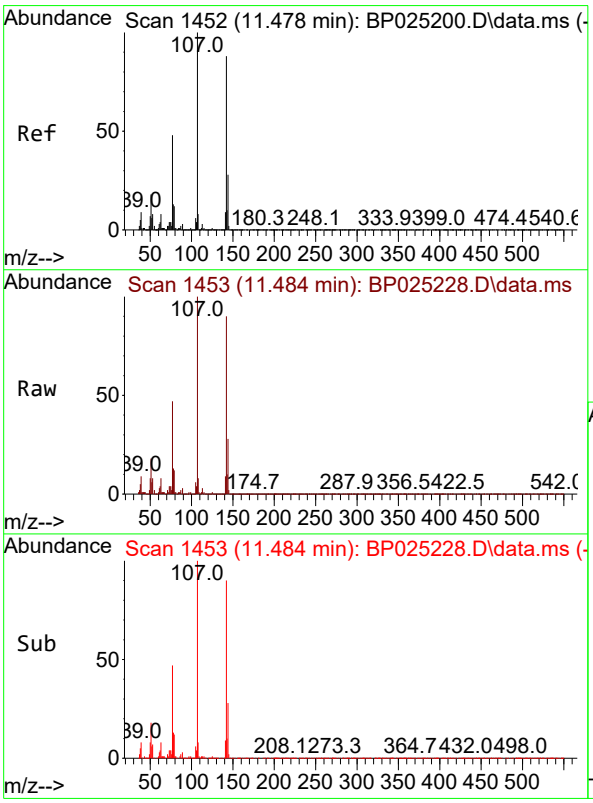
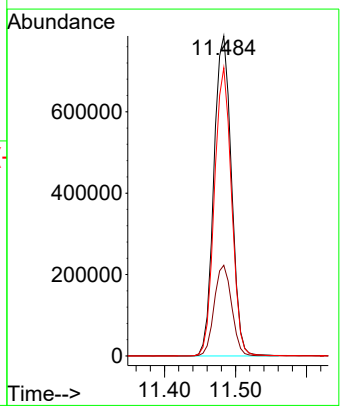


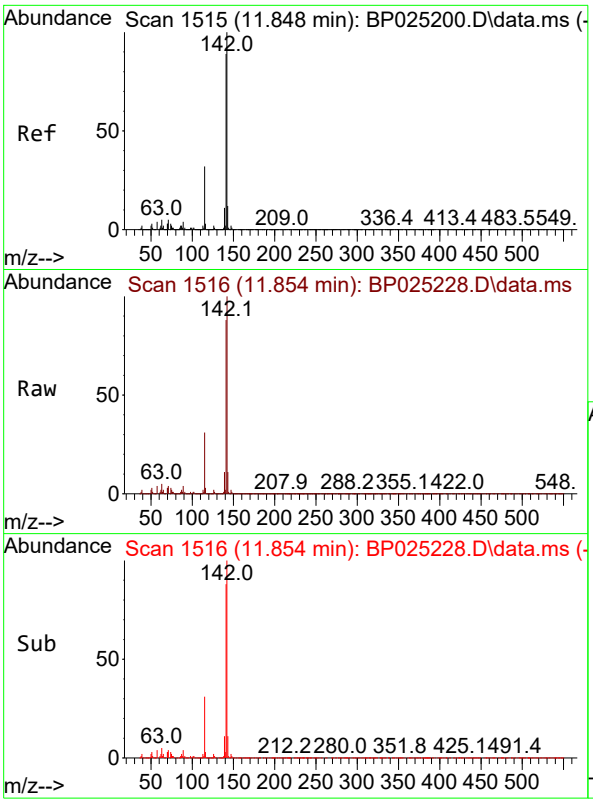




#36
4-Chloro-3-methylphenol
Concen: 42.212 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1343300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.4 | 22.5 | 33.7 |
| 142 | 90.0 | 70.6 | 105.8 |

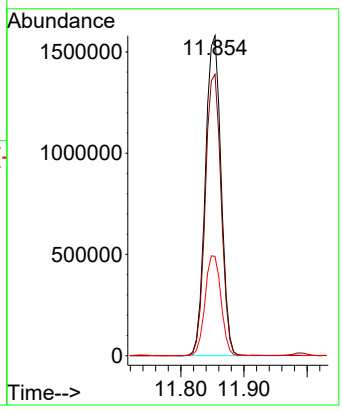





#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 272944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 71.2 | 106.8 |
| 115 | 31.0 | 25.3 | 37.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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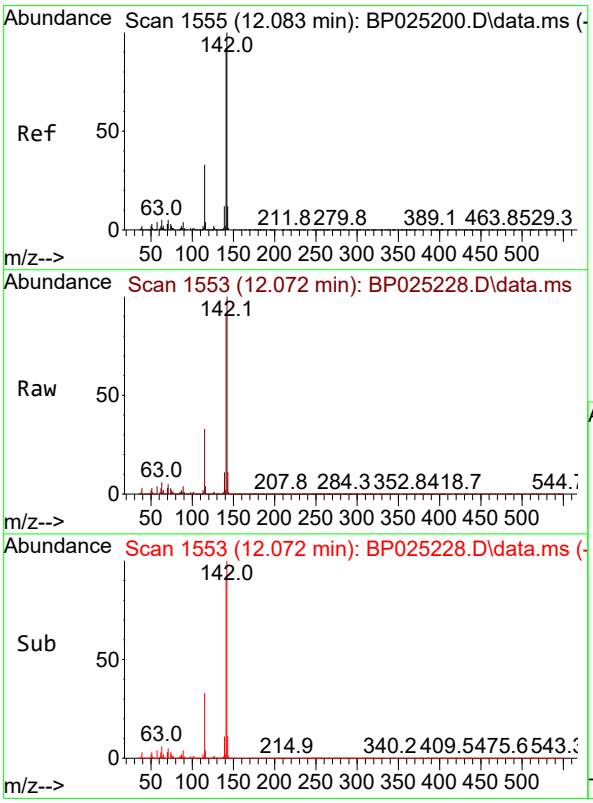
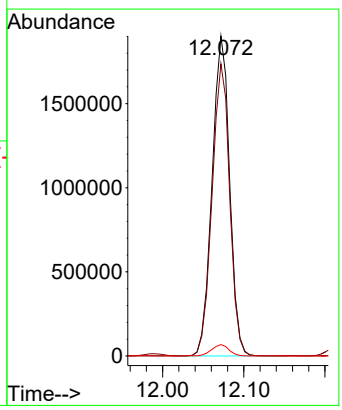
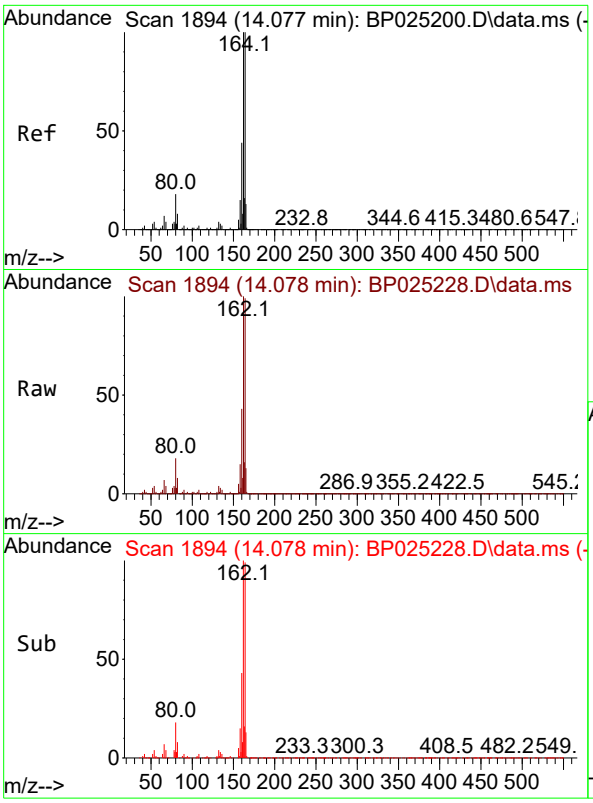



#38
1-Methylnaphthalene
Concen: 40.612 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 2849738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |

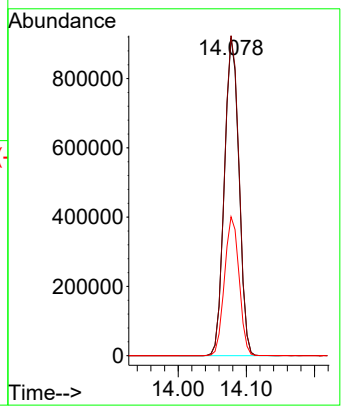





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:164 Resp: 136305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.3 | 120.5 |
| 160 | 43.7 | 35.7 | 53.5 |




**Instrument :**
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SSTDCCC040

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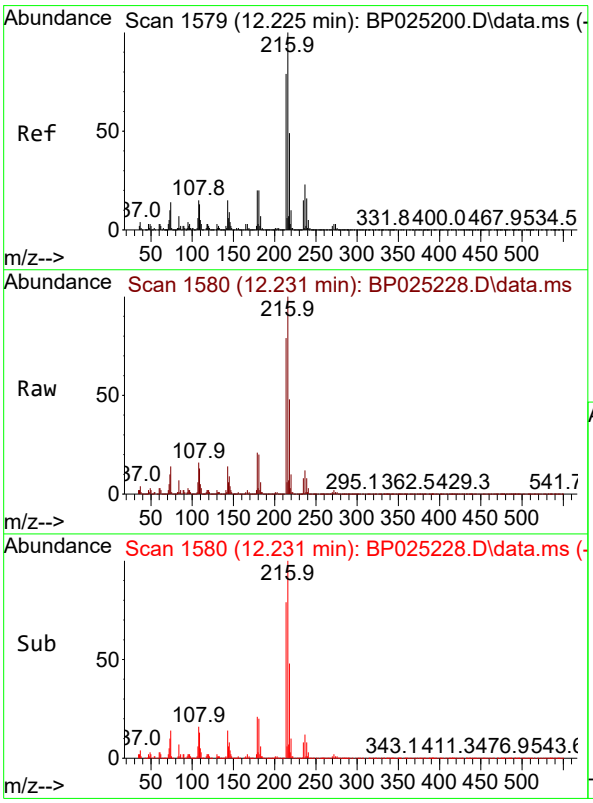
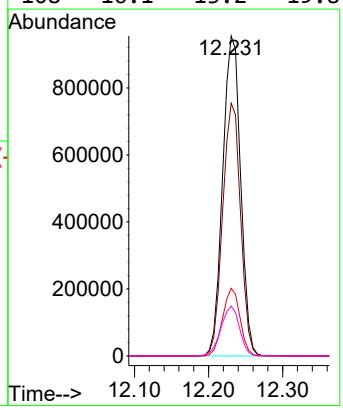
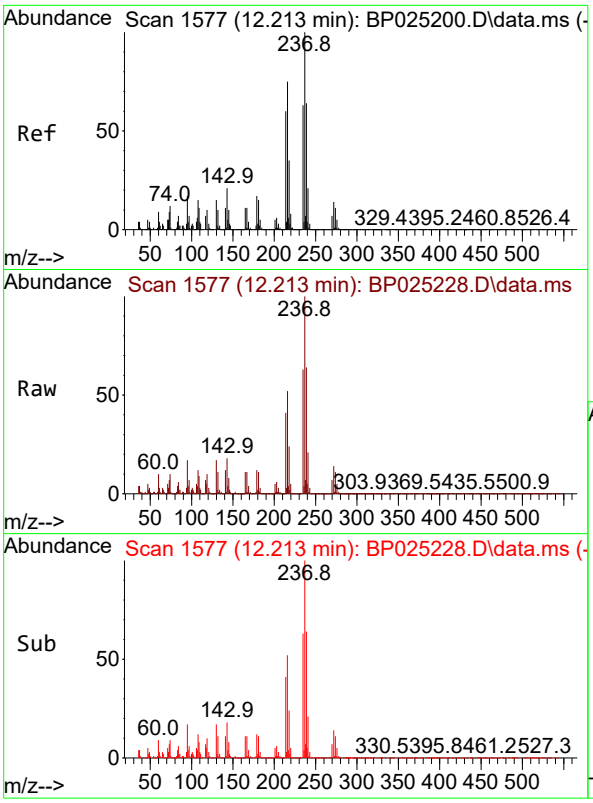



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:216 Resp: 1603484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.1 | 13.2 | 19.8 |

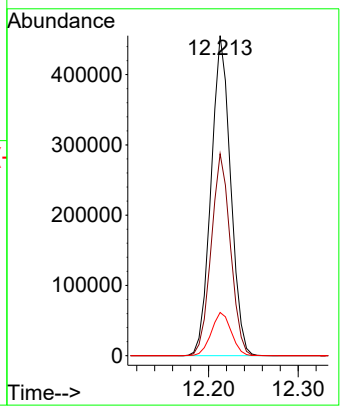





#41
Hexachlorocyclopentadiene
Concen: 28.144 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:237 Resp: 68643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 42.7 | 82.7 |
| 272 | 13.5 | 0.0 | 33.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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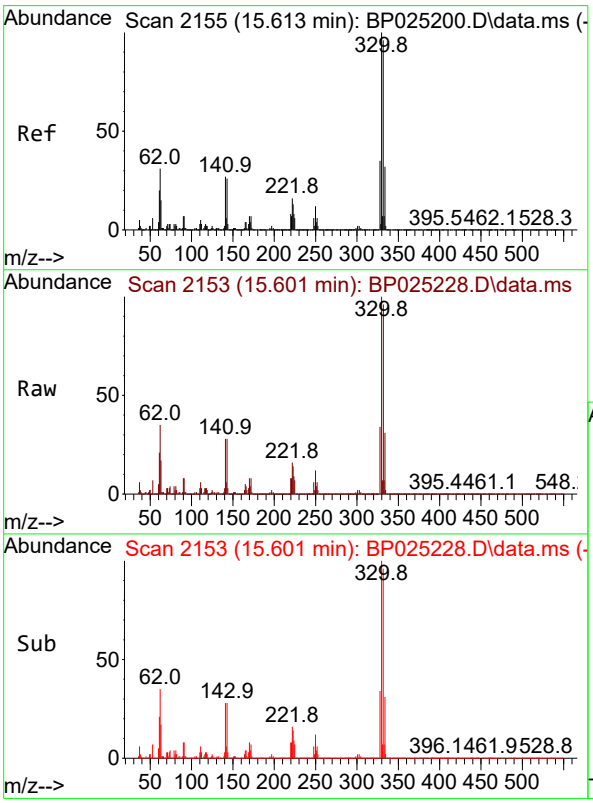
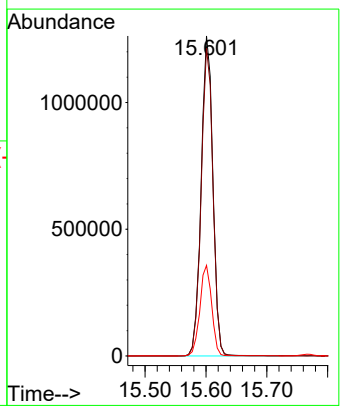
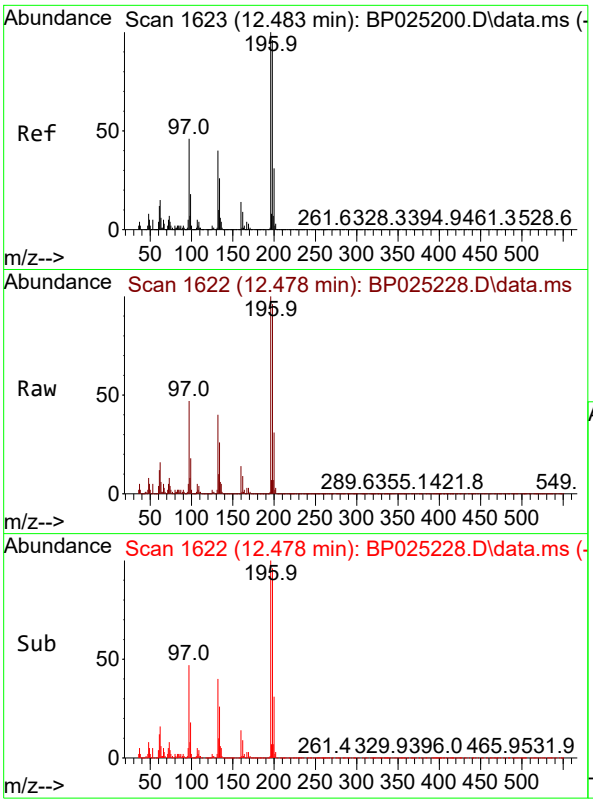



#42
2,4,6-Tribromophenol
Concen: 84.128 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:330 Resp: 1690516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.1 | 115.7 |
| 141 | 28.4 | 22.4 | 33.6 |

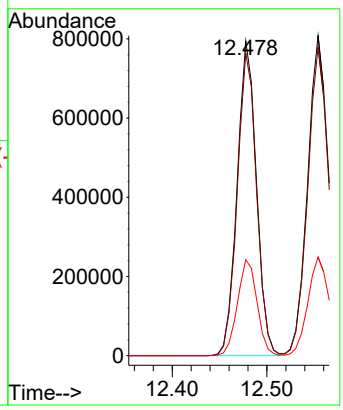





#43
2,4,6-Trichlorophenol
Concen: 40.313 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 112539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
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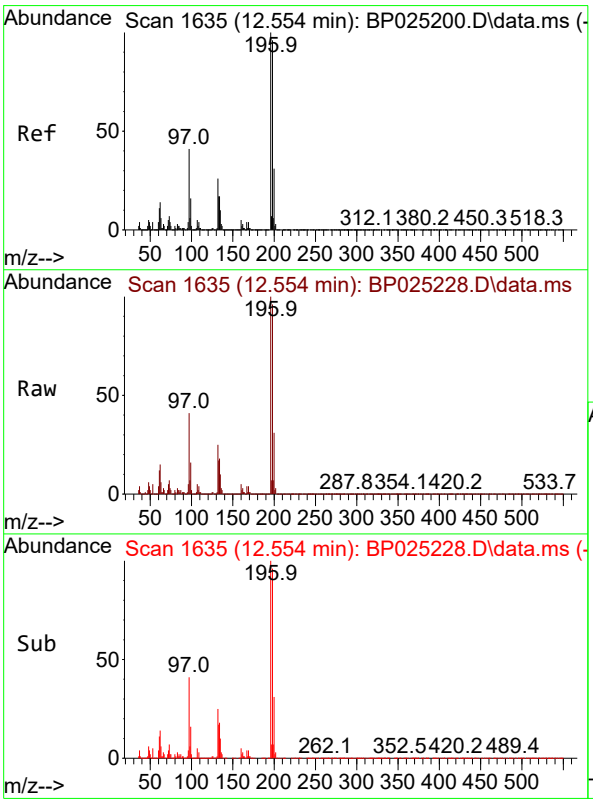
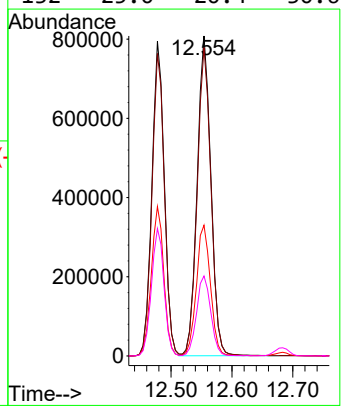
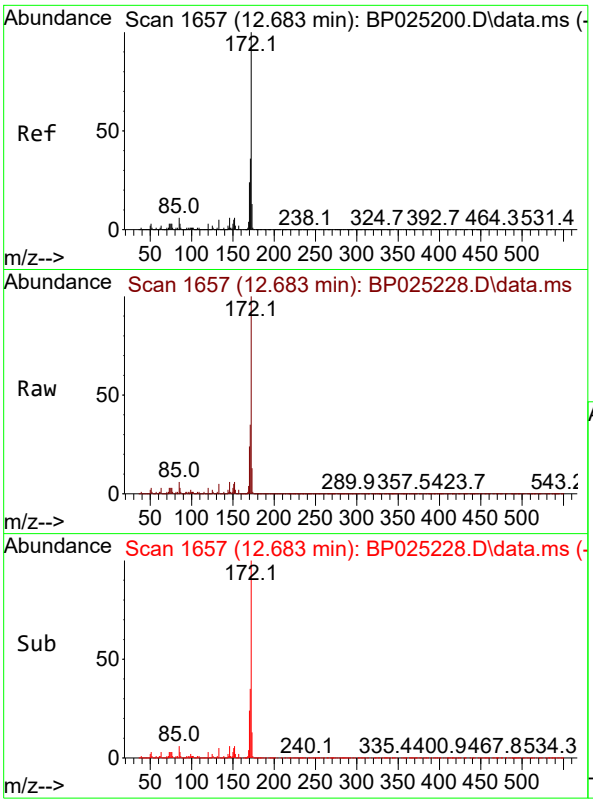



#44
2,4,5-Trichlorophenol
Concen: 41.280 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 1268169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.4 | 76.7 | 115.1 |
| 97 | 40.8 | 33.0 | 49.4 |
| 132 | 25.0 | 20.4 | 30.6 |

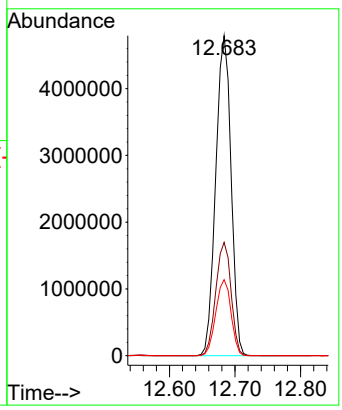





#45
2-Fluorobiphenyl
Concen: 80.047 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:172 Resp: 773921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.8 | 19.2 | 28.8 |




**Instrument :**
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**ClientSampleId :**
SSTDCCC040

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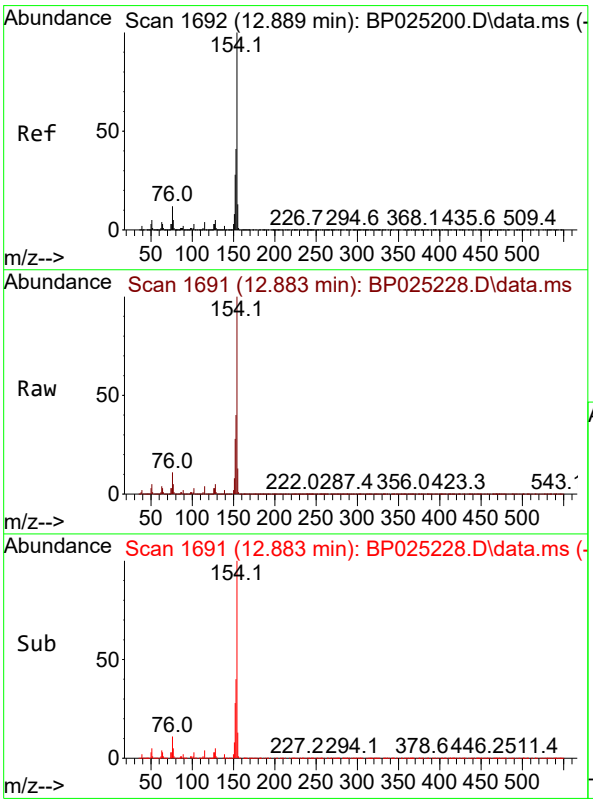
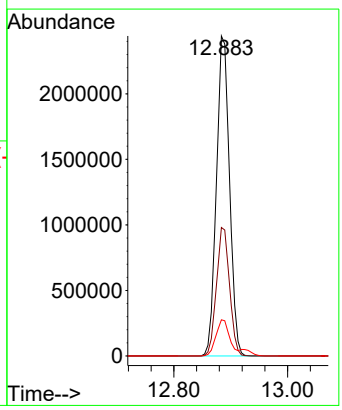
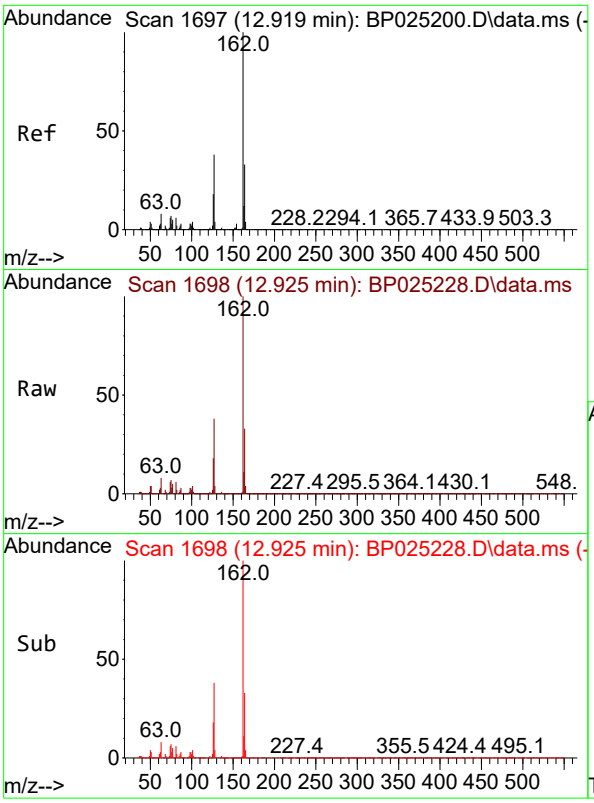



#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 3899850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.8 | 60.8 |
| 76 | 11.3 | 0.0 | 31.6 |

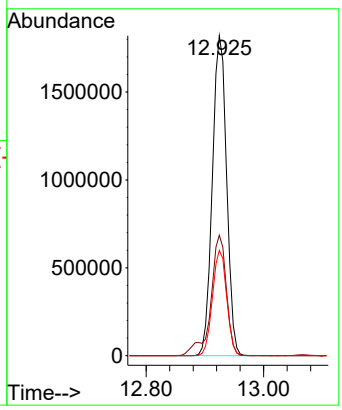





#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:162 Resp: 306026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 32.9 | 26.5 | 39.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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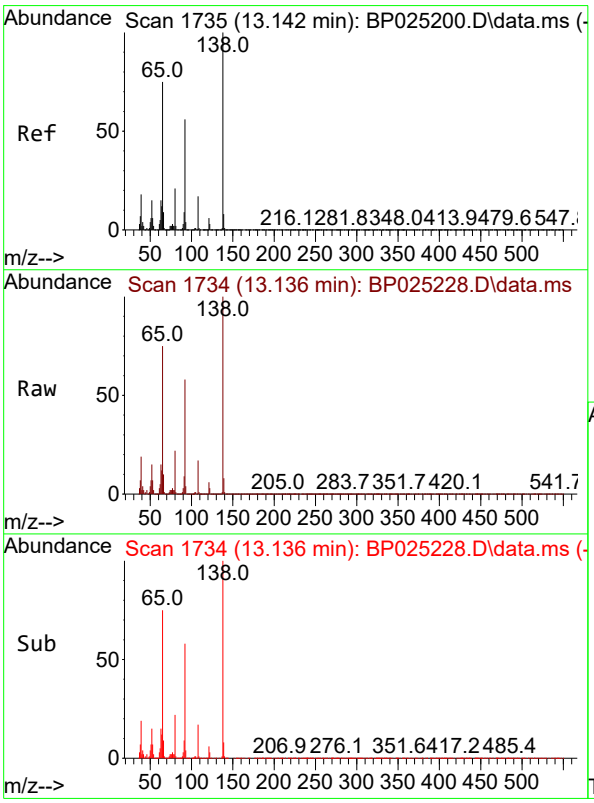
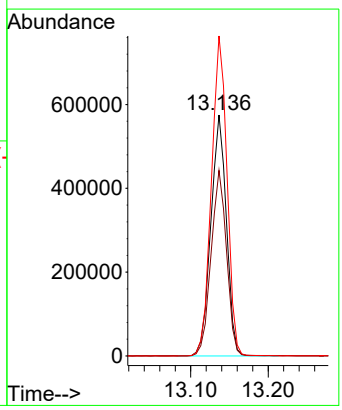
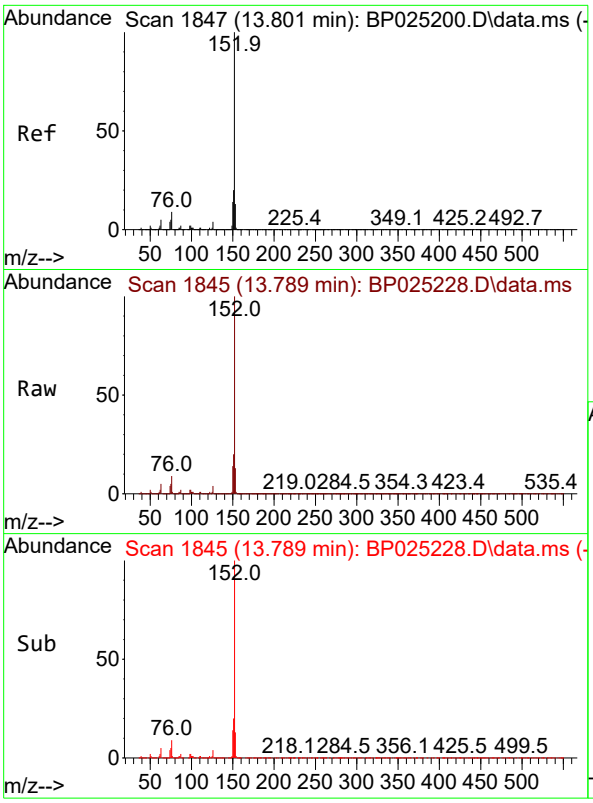



#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 65 Resp: 801067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.0 | 59.9 | 89.9 |
| 138 | 132.8 | 107.1 | 160.7 |

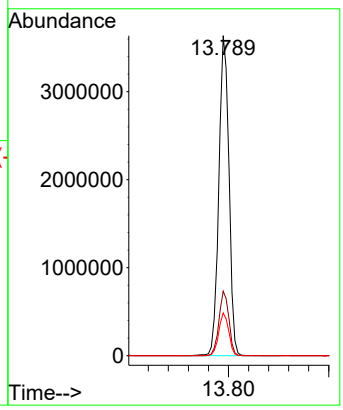





#49
Acenaphthylene
Concen: 40.627 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 506923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 15.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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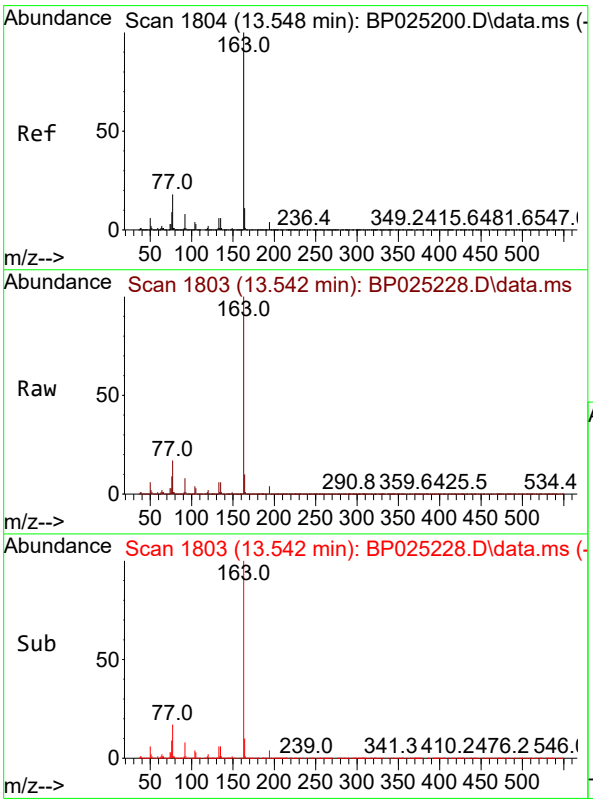
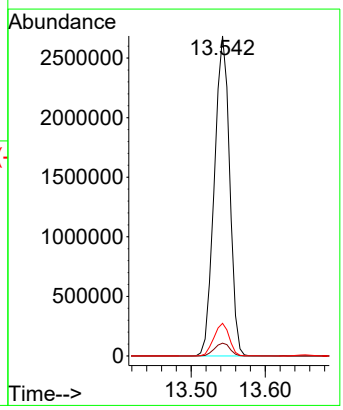
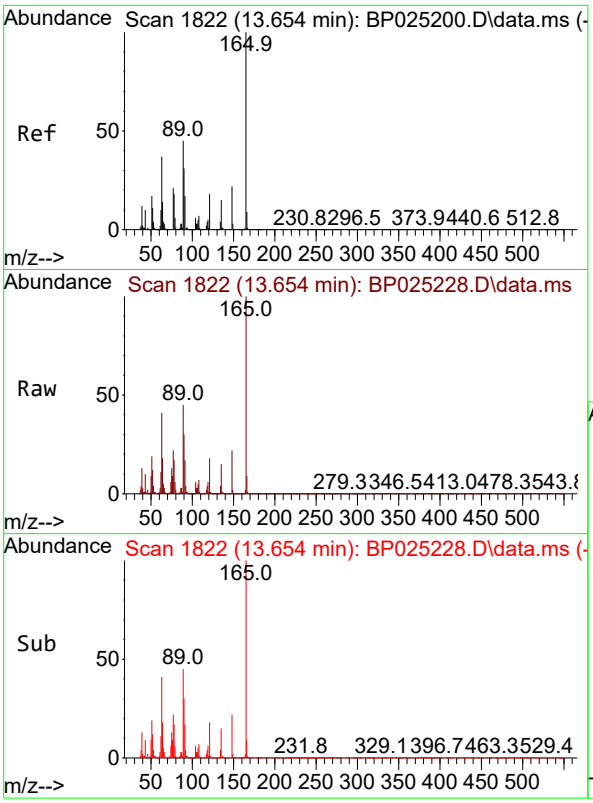



#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:163 Resp: 3841185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |

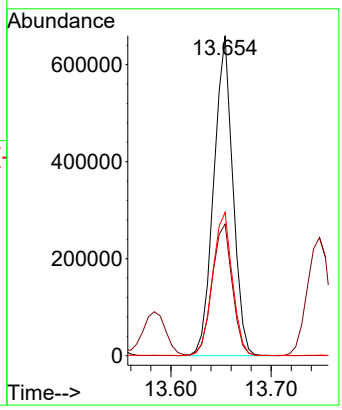





#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:165 Resp: 86951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.1 | 33.4 | 50.2 |
| 89 | 44.8 | 36.3 | 54.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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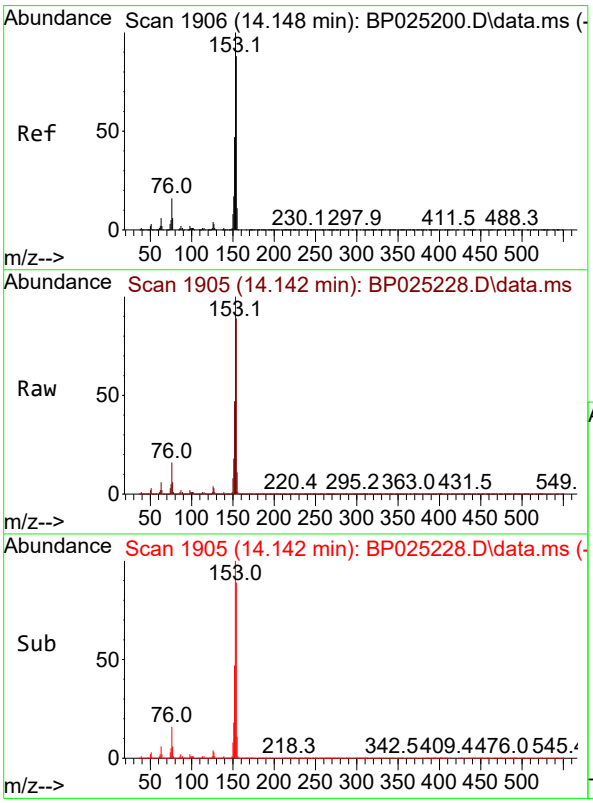
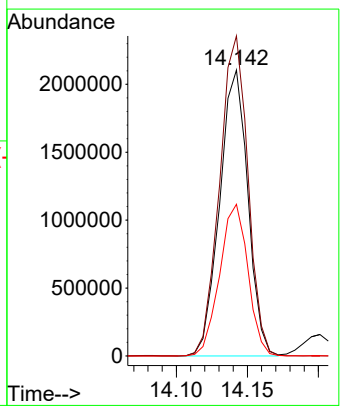
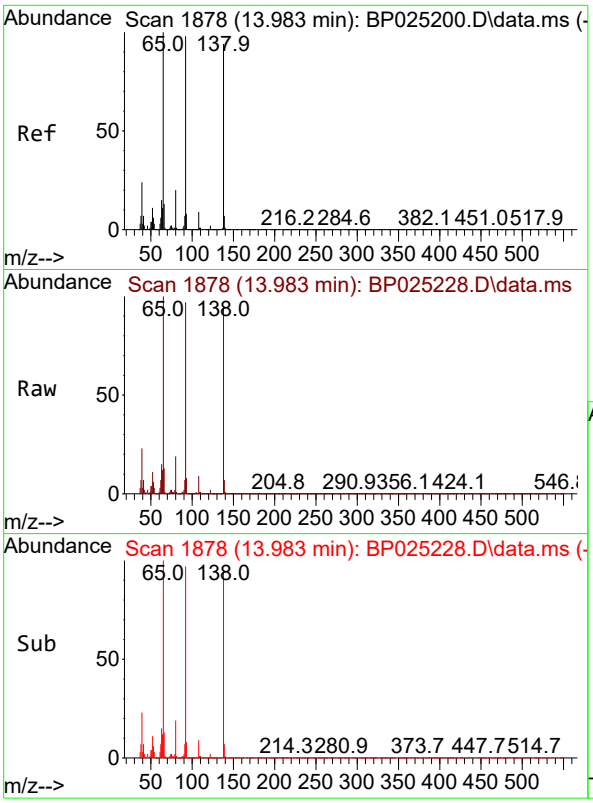



#52
Acenaphthene
Concen: 40.271 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 2905616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 90.7 | 136.1 |
| 152 | 53.0 | 42.9 | 64.3 |






#53
3-Nitroaniline
Concen: 41.445 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

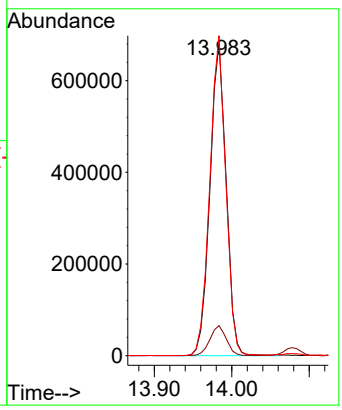
Tgt Ion:138 Resp: 98993

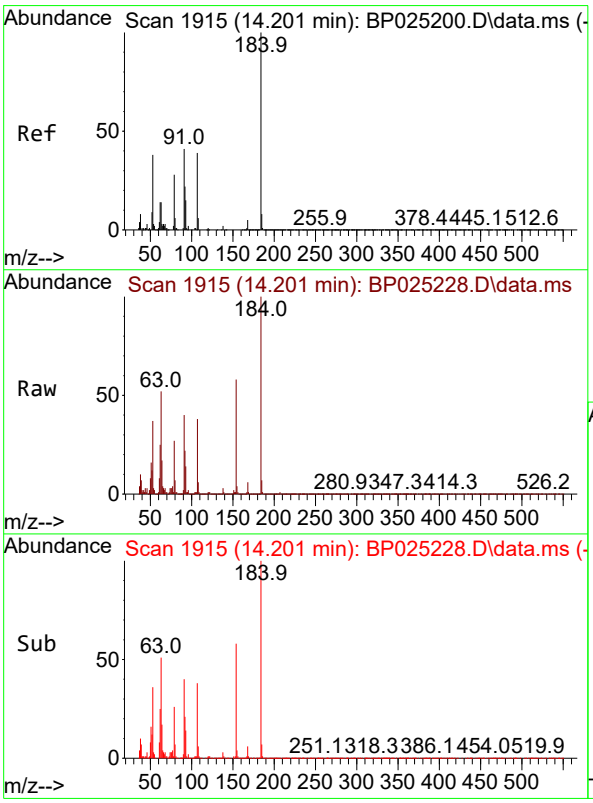
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 7.5 | 11.3 |
| 92 | 102.3 | 83.2 | 124.8 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

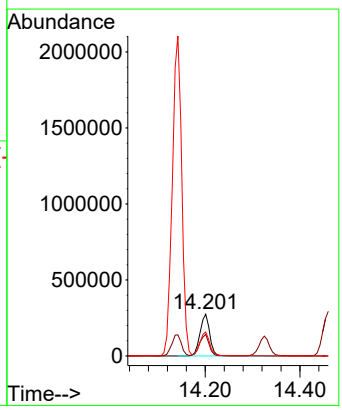


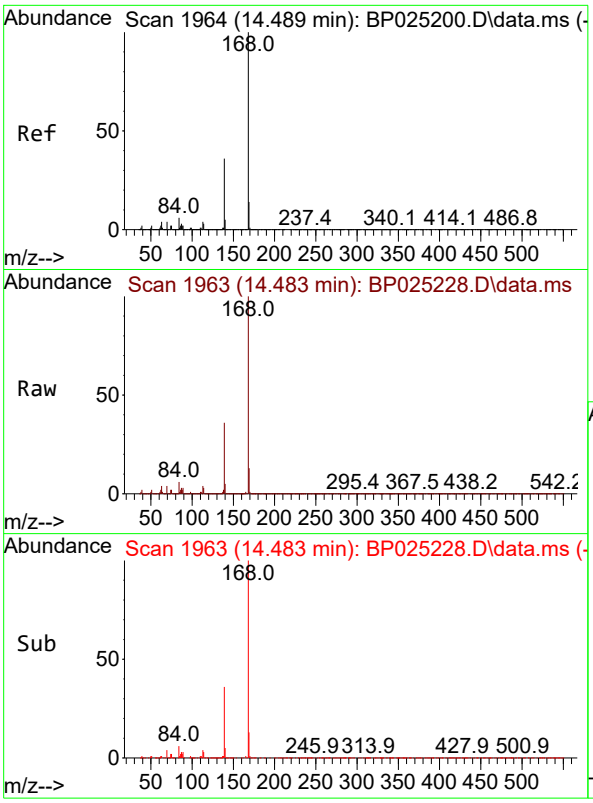




#54
2,4-Dinitrophenol
Concen: 30.972 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 388691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.5 | 41.8 | 62.8 |
| 154 | 57.6 | 45.7 | 68.5 |

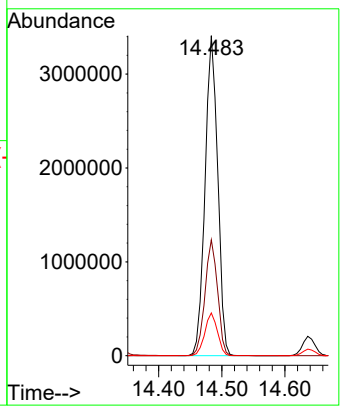





#55
Dibenzofuran
Concen: 40.773 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:168 Resp: 475199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.2 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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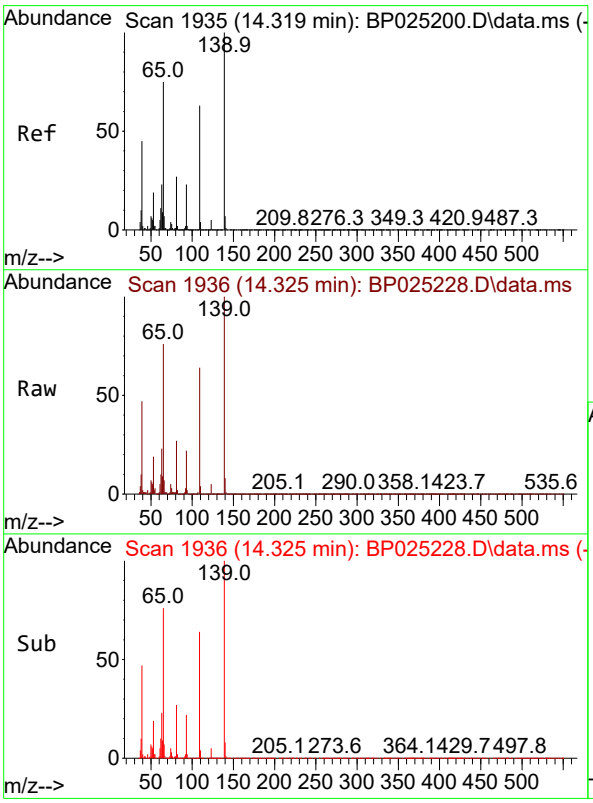
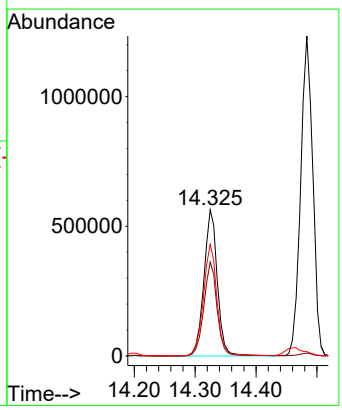
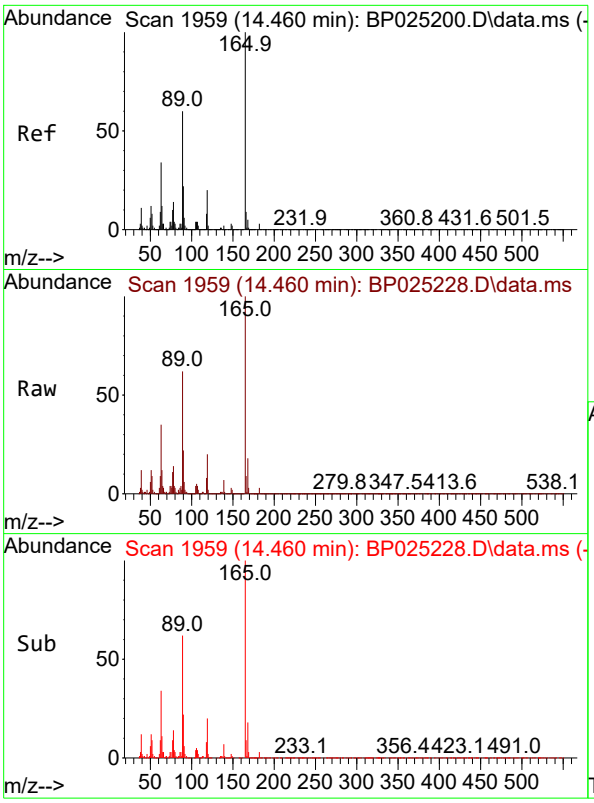



#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 863006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.2 | 42.6 | 82.6 |
| 65 | 76.2 | 55.4 | 95.4 |

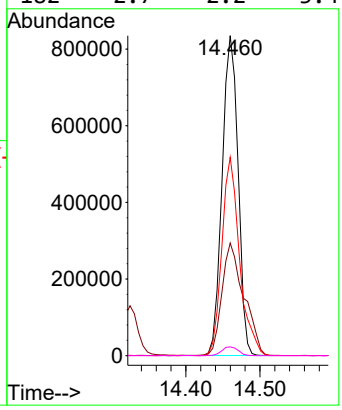





#57
2,4-Dinitrotoluene
Concen: 42.047 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:165 Resp: 124666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.2 | 27.0 | 40.4 |
| 89 | 62.0 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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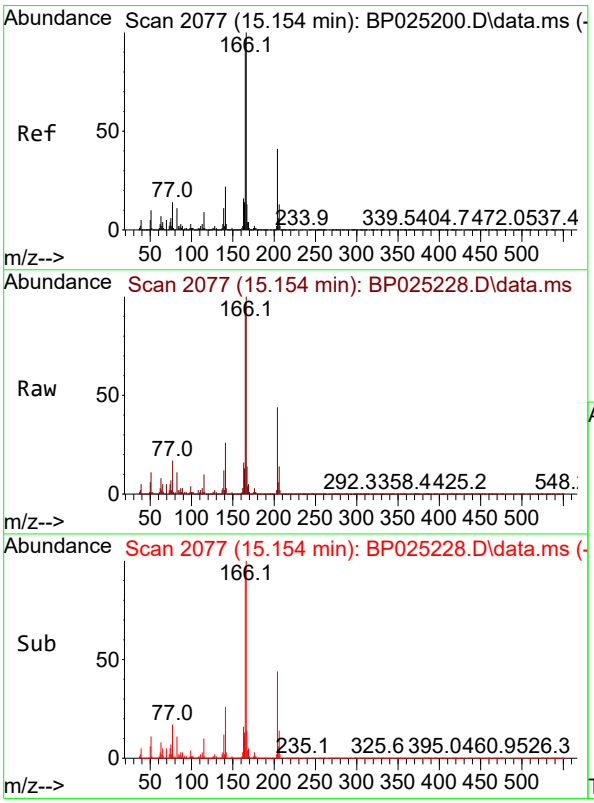
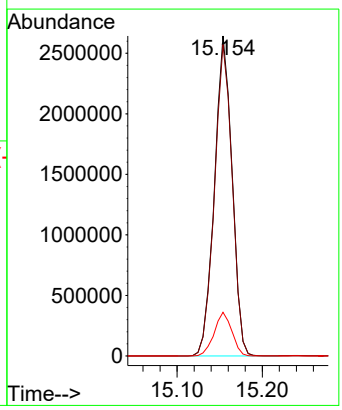
Supervised By :Jagrut Upadhyay 07/24/2025

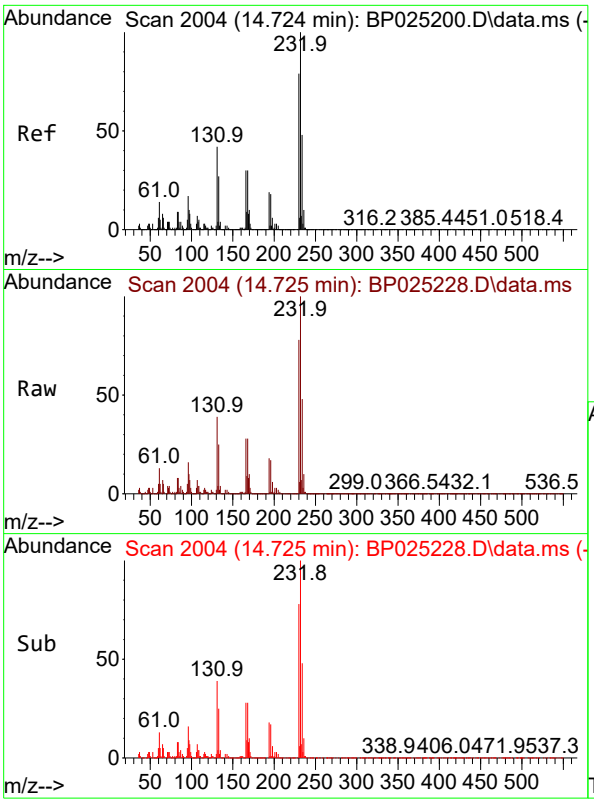



#58
Fluorene
Concen: 41.137 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:166 Resp: 3806233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 78.0 | 117.0 |
| 167 | 13.7 | 10.7 | 16.1 |

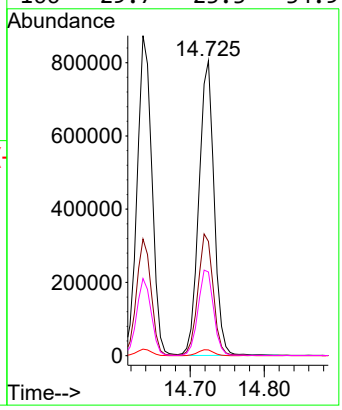





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.296 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:232 Resp: 114993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.7 | 23.3 | 34.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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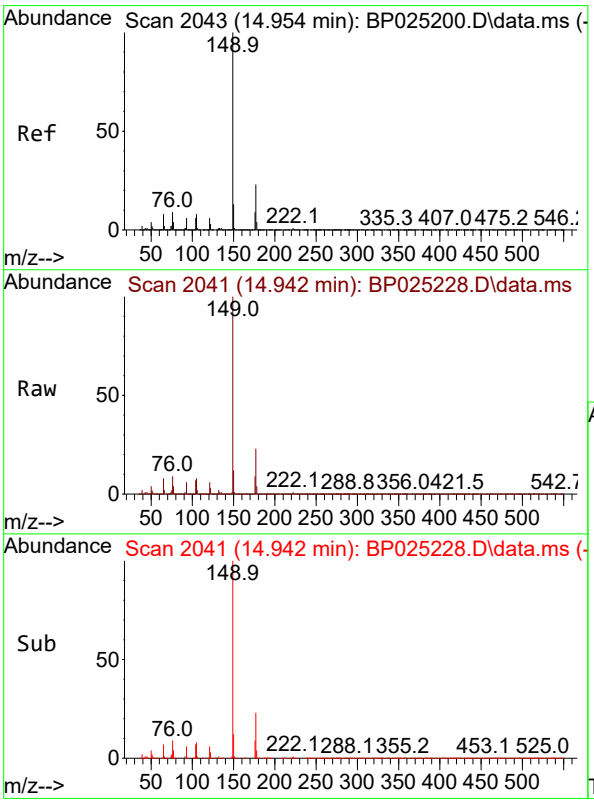
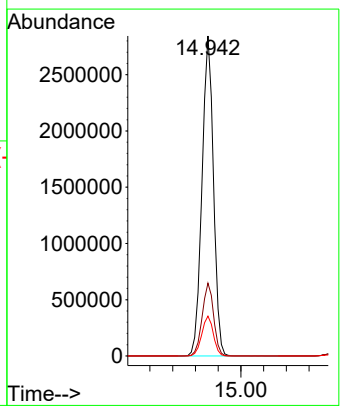
Supervised By :Jagrut Upadhyay 07/24/2025

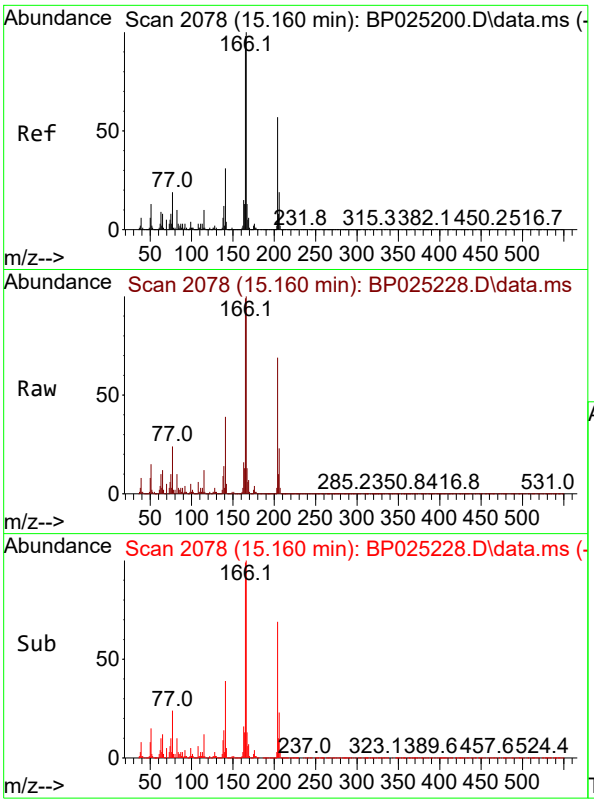



#60
Diethylphthalate
Concen: 41.387 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3976402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.5 | 10.0 | 15.0 |






#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 188230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.3 | 39.5 |
| 141 | 56.1 | 43.0 | 64.6 |

**Manual Integrations**
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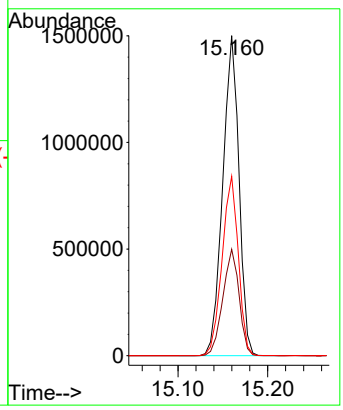
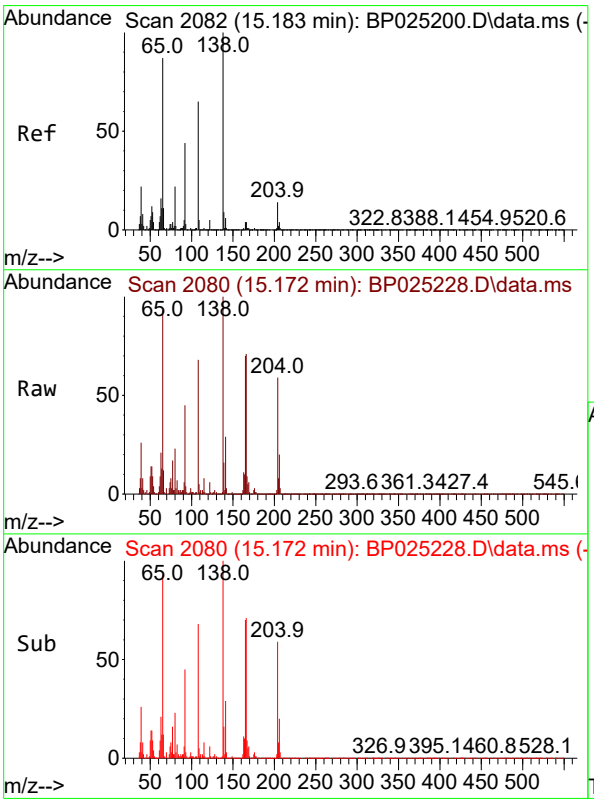
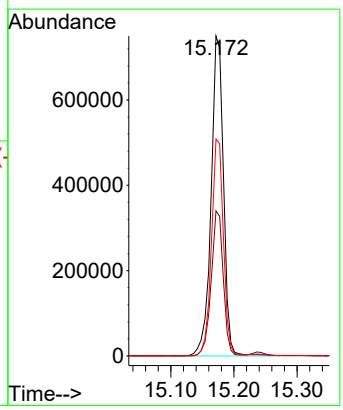


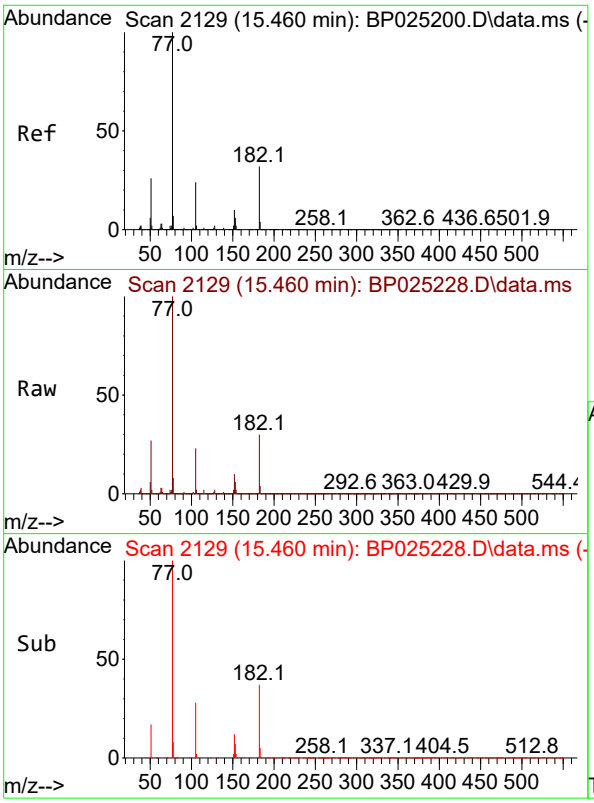




#62
4-Nitroaniline
Concen: 42.134 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 1023508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.3 | 24.0 | 64.0 |
| 108 | 67.8 | 44.9 | 84.9 |

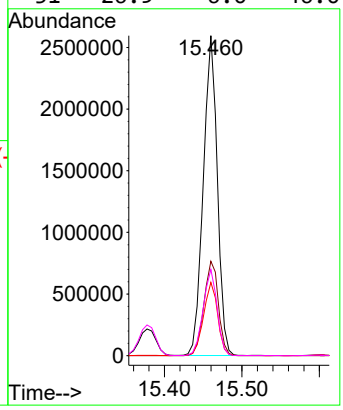





#63
Azobenzene
Concen: 41.714 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 326601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 12.0 | 52.0 |
| 105 | 22.9 | 3.6 | 43.6 |
| 51 | 26.9 | 6.0 | 46.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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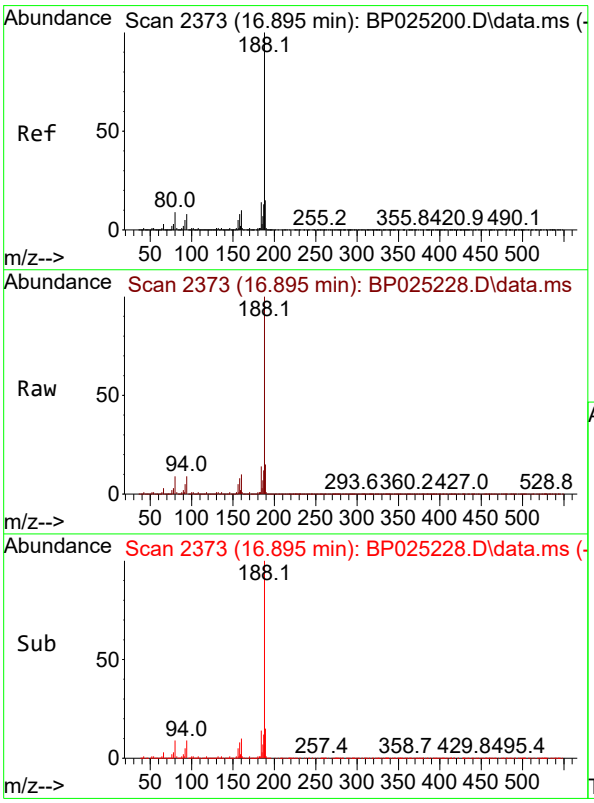
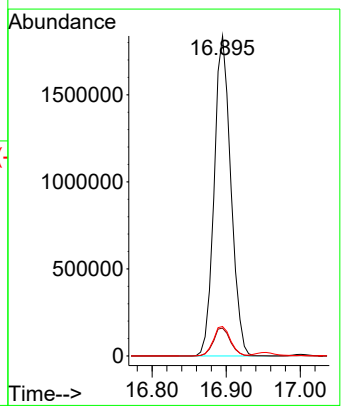
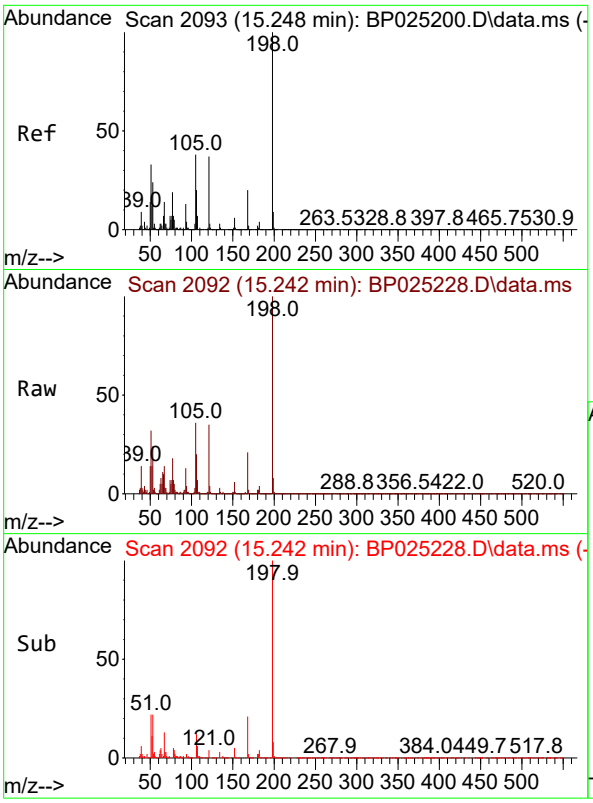



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:188 Resp: 2867783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.2 | 7.3 | 10.9 |






#65
4,6-Dinitro-2-methylphenol
Concen: 31.439 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:198 Resp: 58185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 31.9 | 14.6 | 54.6 |
| 105 | 36.5 | 18.3 | 58.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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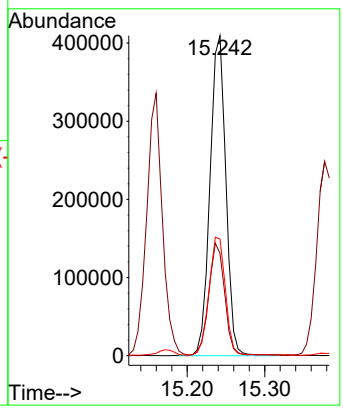
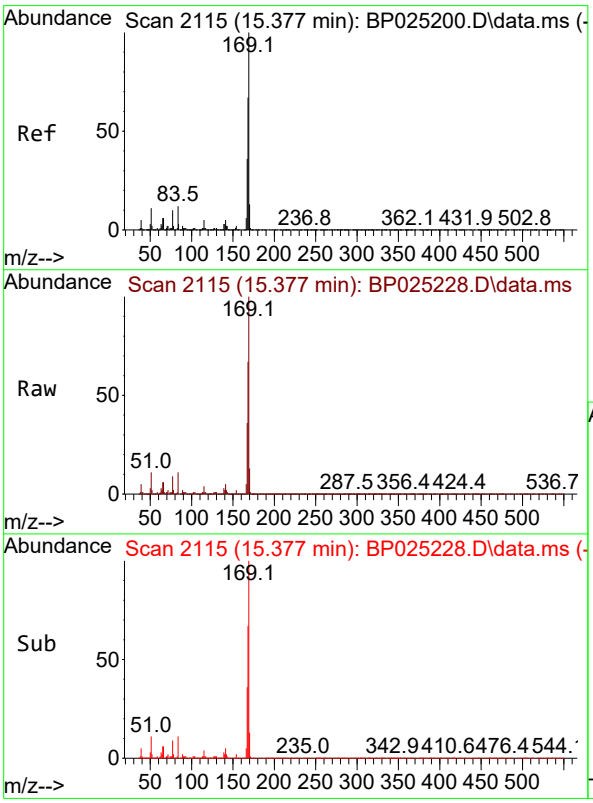
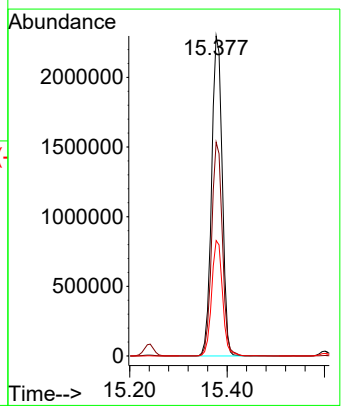


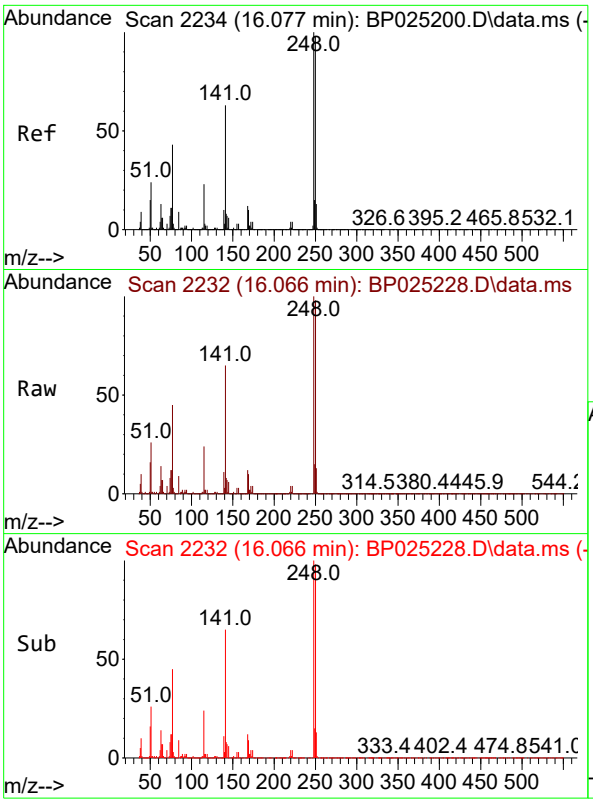




#66
n-Nitrosodiphenylamine
Concen: 39.689 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:169 Resp: 3454679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 53.7 | 80.5 |
| 167 | 36.1 | 29.0 | 43.6 |

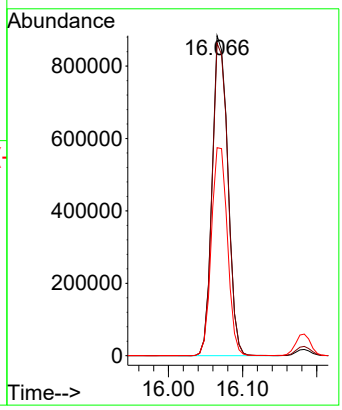





#67
4-Bromophenyl-phenylether
Concen: 38.788 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:248 Resp: 129818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.6 | 78.5 | 117.7 |
| 141 | 65.0 | 50.5 | 75.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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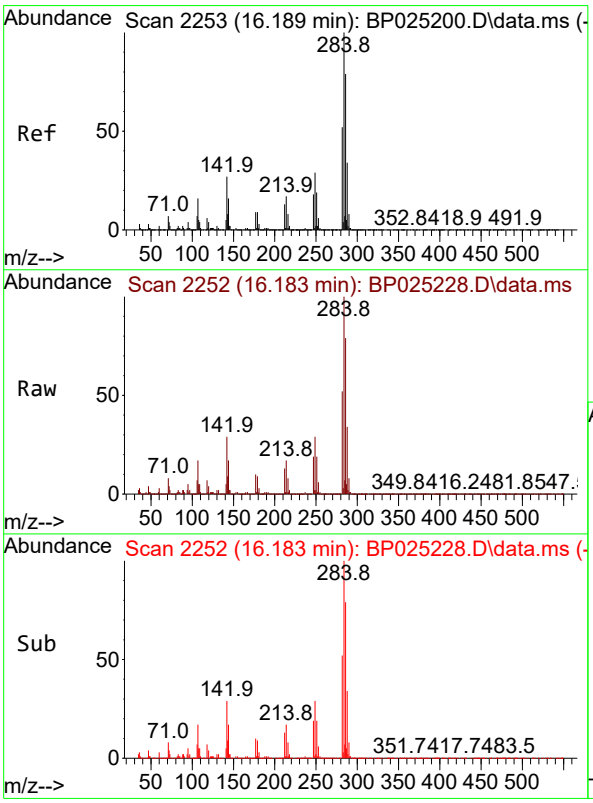
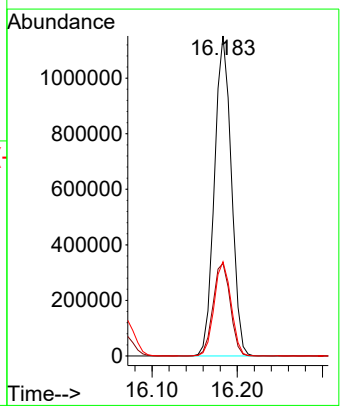
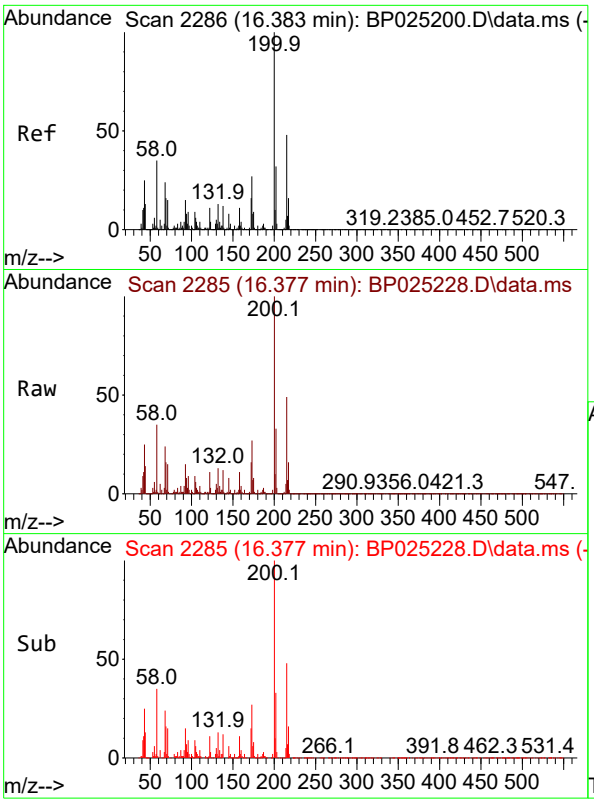



#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:284 Resp: 1585091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.0 | 21.5 | 32.3 |
| 249 | 29.4 | 23.4 | 35.0 |

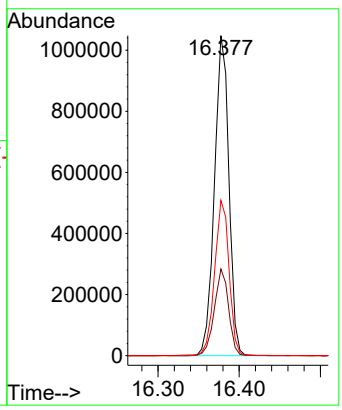





#69
Atrazine
Concen: 40.212 ng
RT: 16.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:200 Resp: 129522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.0 | 7.4 | 47.4 |
| 215 | 48.5 | 28.5 | 68.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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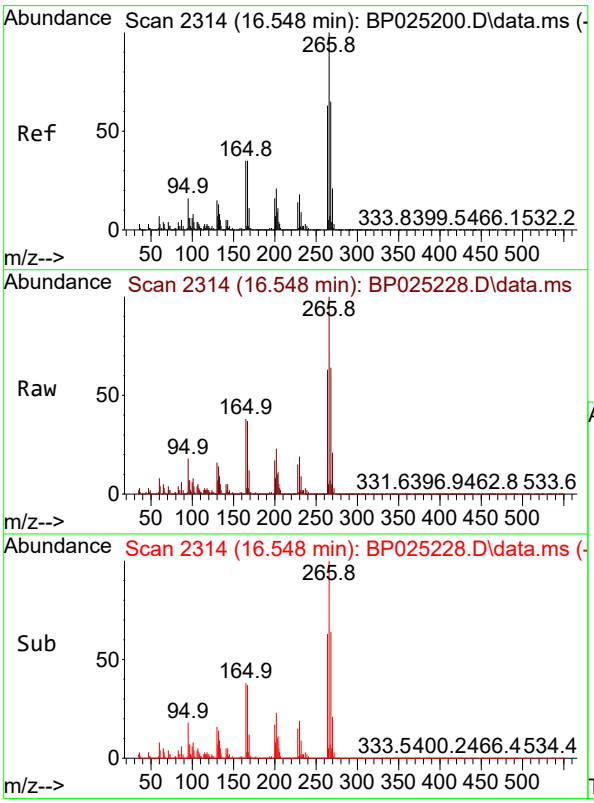
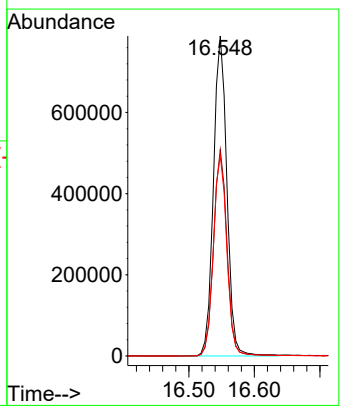
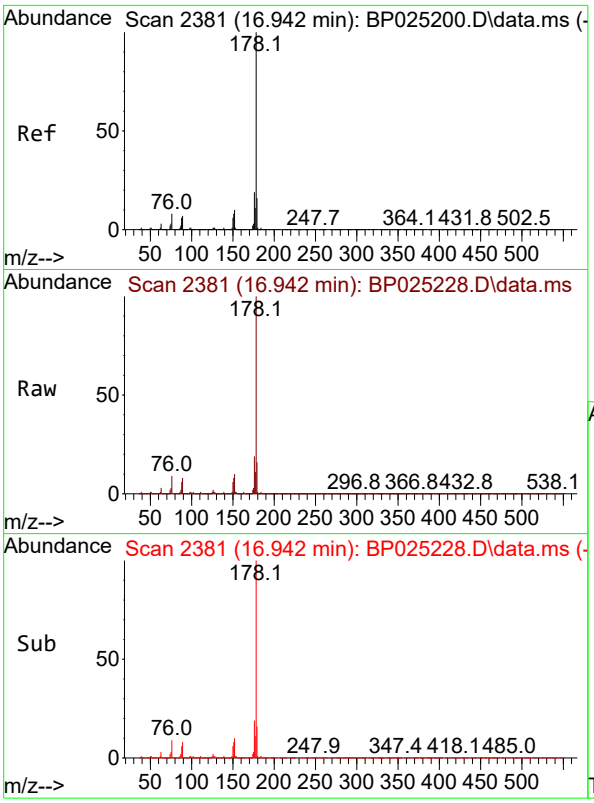



#70
Pentachlorophenol
Concen: 41.397 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:266 Resp: 1118886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.5 | 51.8 | 77.6 |
| 264 | 62.5 | 50.3 | 75.5 |

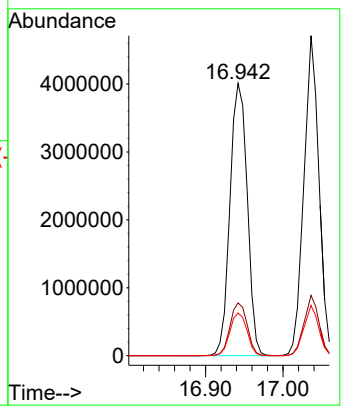





#71
Phenanthrene
Concen: 40.193 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 621676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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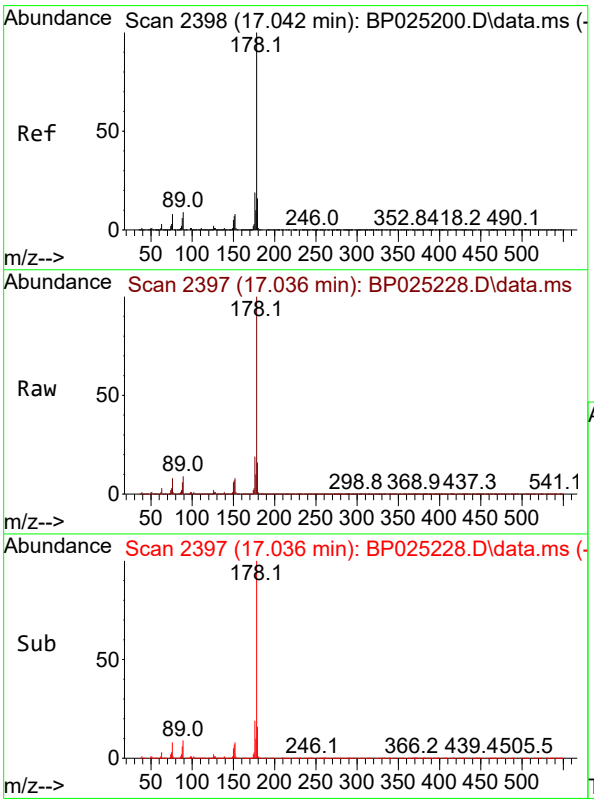
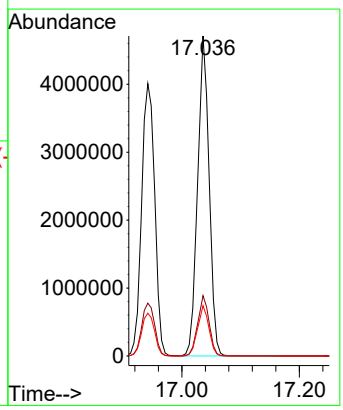
Supervised By :Jagrut Upadhyay 07/24/2025

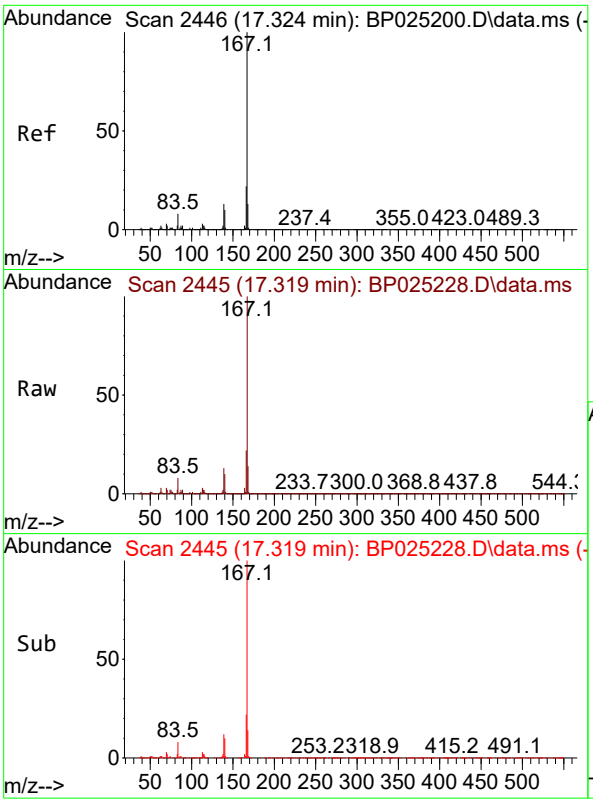



#72
Anthracene
Concen: 41.055 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 6397046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |






#73
Carbazole
Concen: 39.986 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:167 Resp: 594767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.3 | 25.9 |
| 139 | 12.7 | 10.1 | 15.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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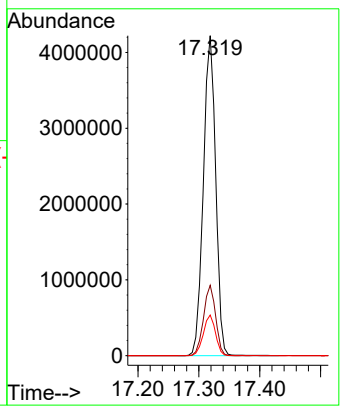
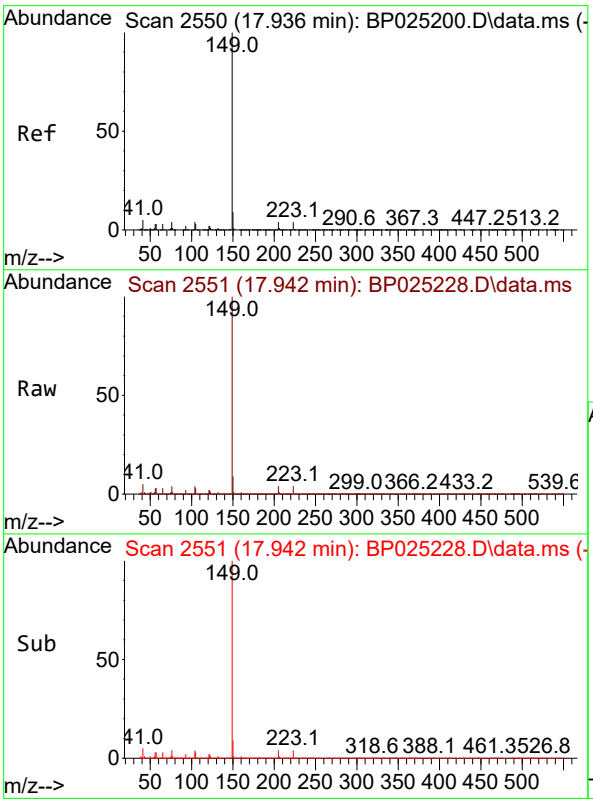
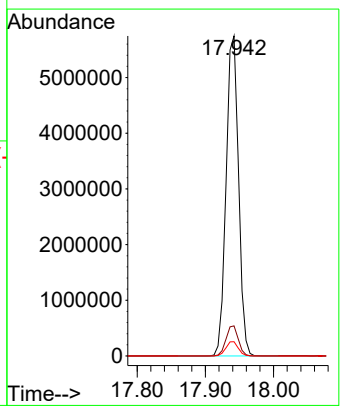


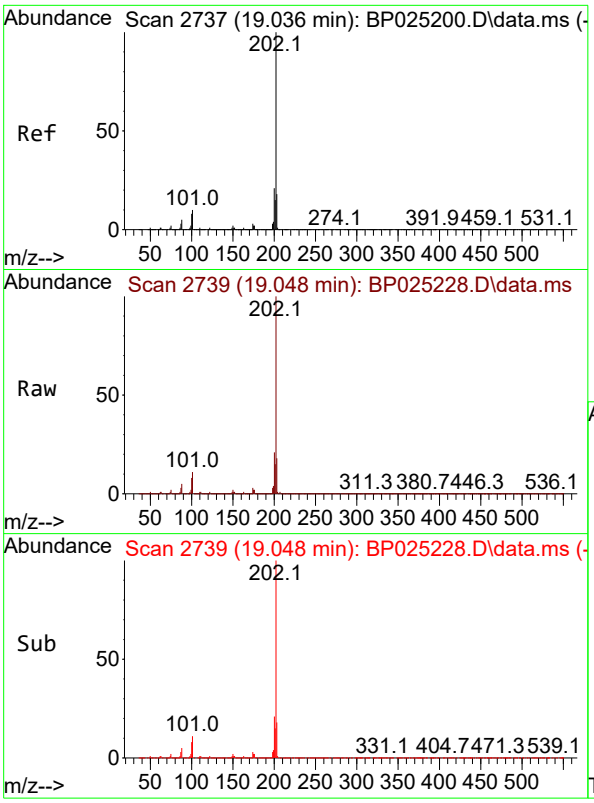




#74
Di-n-butylphthalate
Concen: 42.462 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 7287726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.6 | 11.4 |
| 104 | 4.5 | 3.5 | 5.3 |

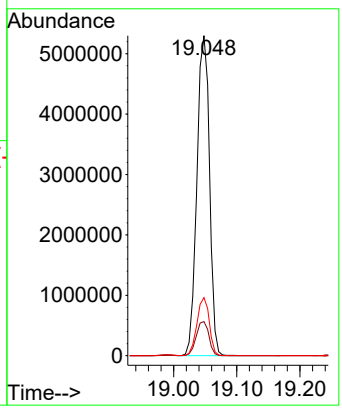





#75
Fluoranthene
Concen: 40.231 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 732352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 30.3 |
| 203 | 18.1 | 0.0 | 38.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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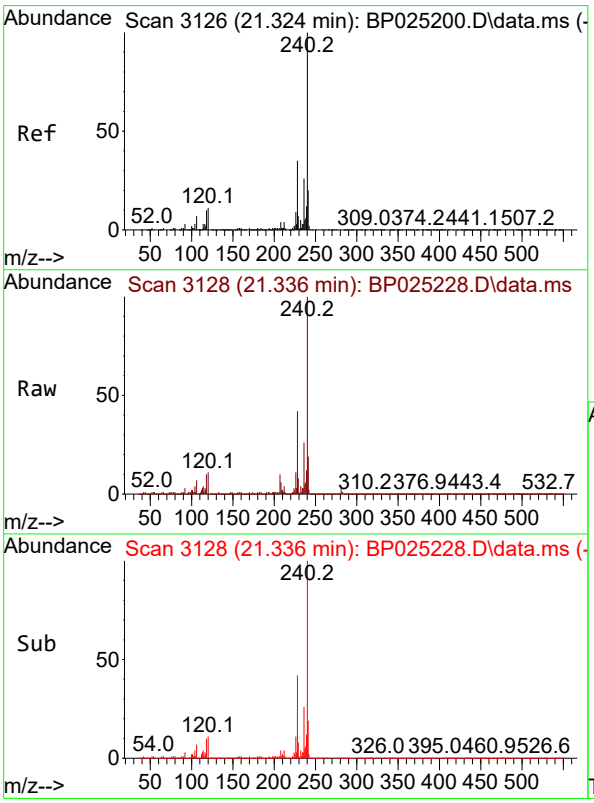
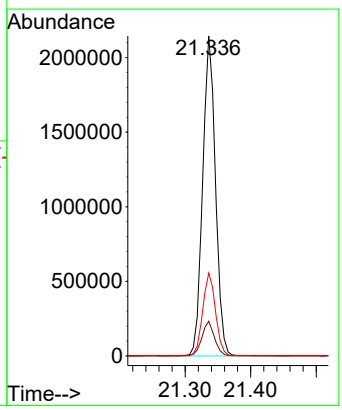
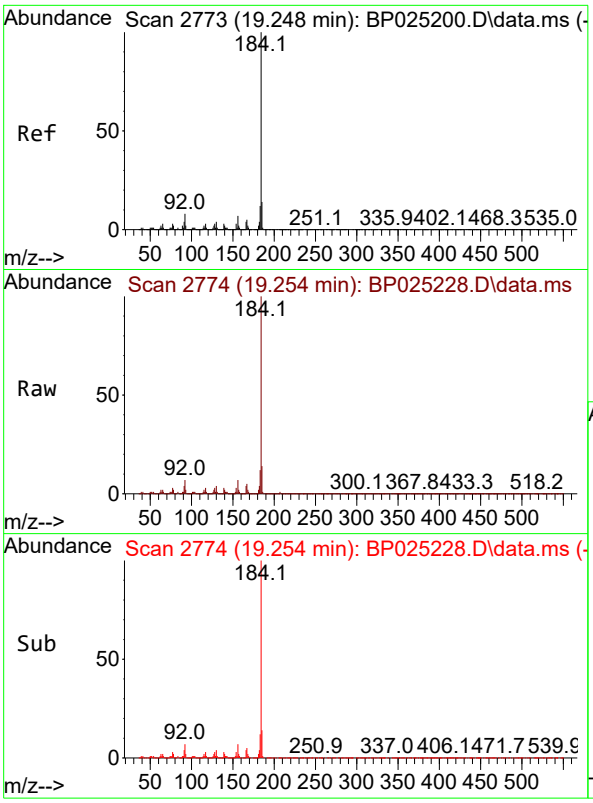



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:240 Resp: 2918399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |

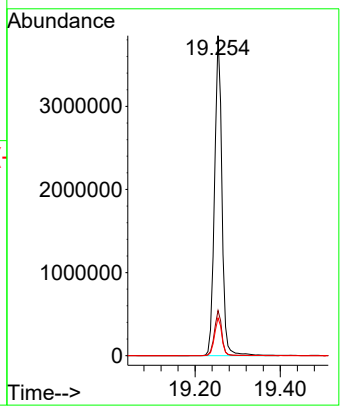





#77
Benzidine
Concen: 45.096 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 462044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.5 | 17.3 |
| 183 | 11.8 | 9.6 | 14.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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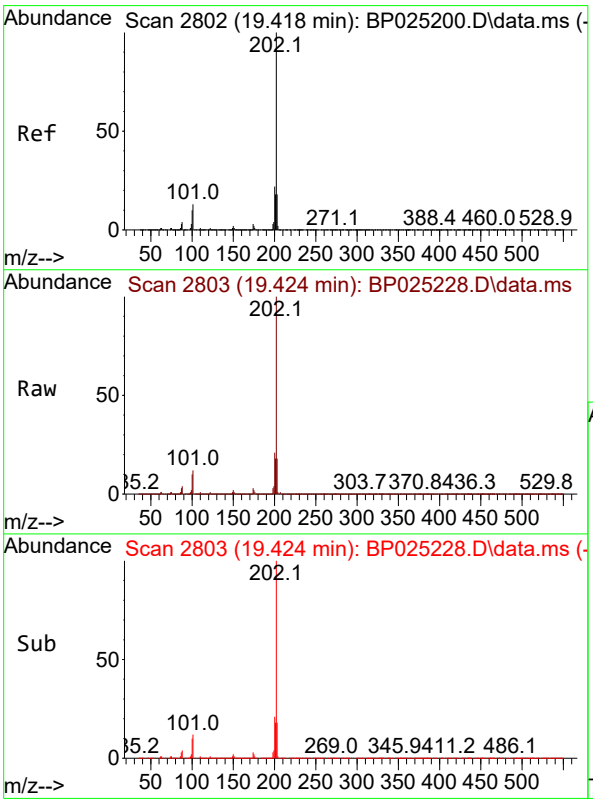
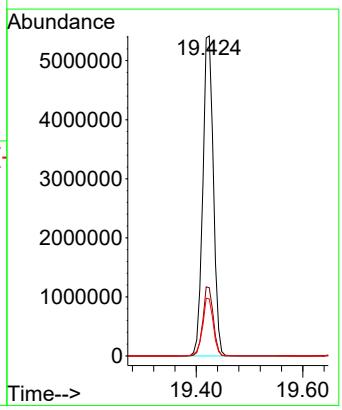
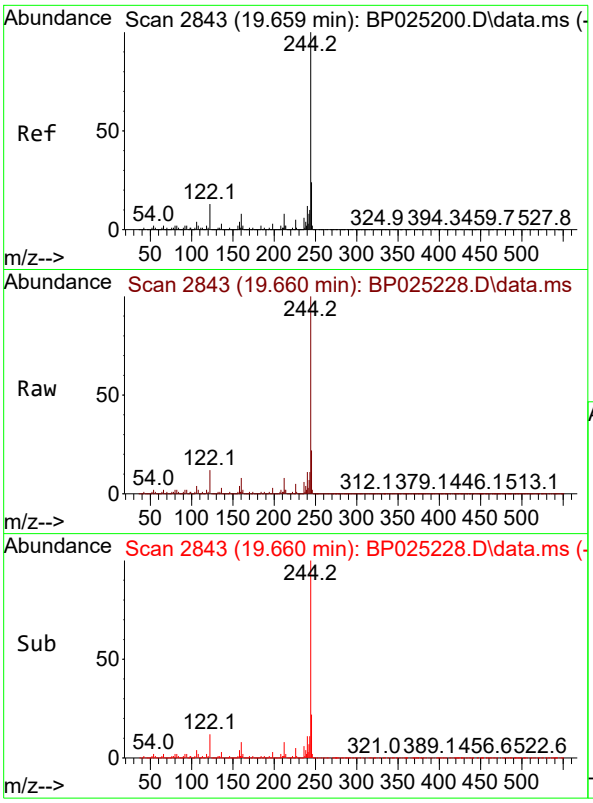



#78
Pyrene
Concen: 41.413 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 7452139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.4 | 26.2 |
| 203 | 17.8 | 14.3 | 21.5 |






#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:244 Resp:1249278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.6 | 9.8 |
| 122 | 11.6 | 10.3 | 15.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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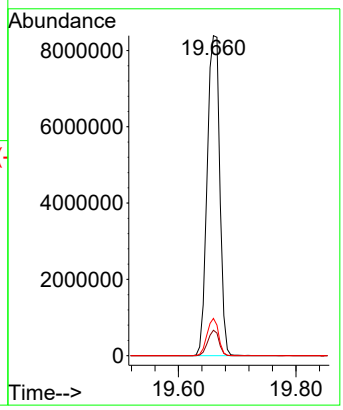
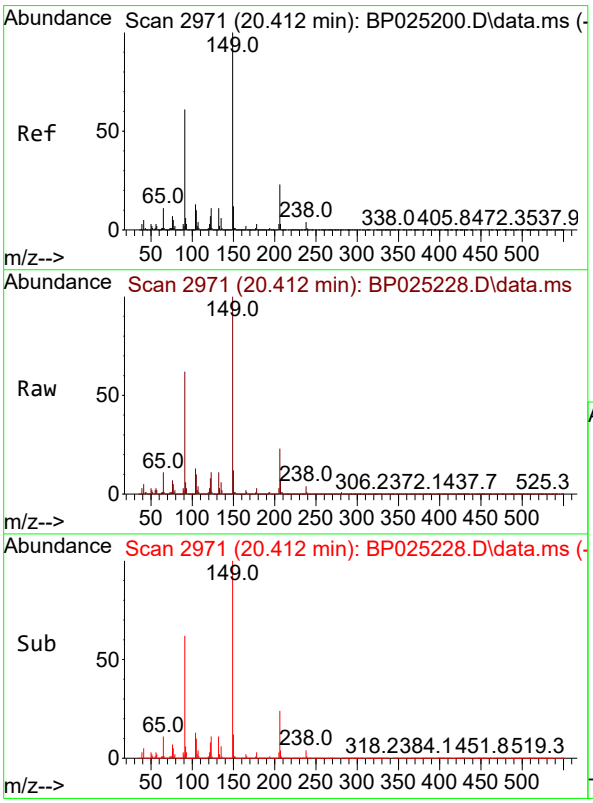
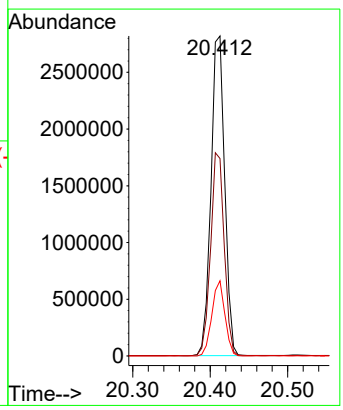


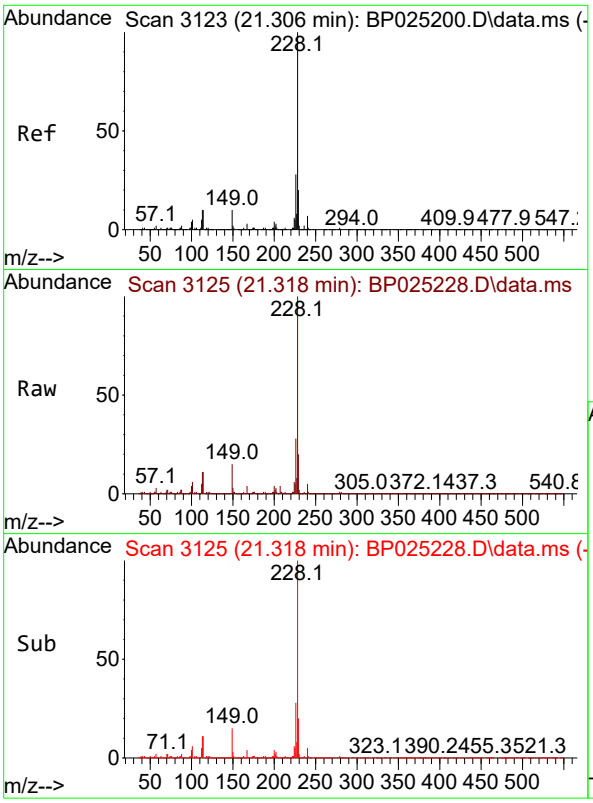




#80
Butylbenzylphthalate
Concen: 42.660 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3474816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.7 | 48.8 | 73.2 |
| 206 | 23.5 | 18.4 | 27.6 |

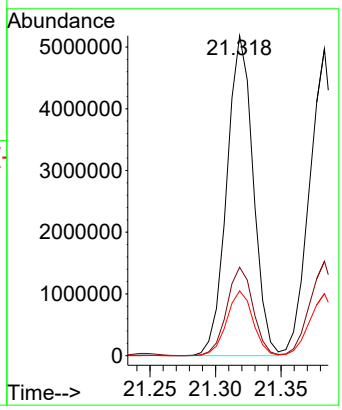





#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 21.318 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:228 Resp: 725883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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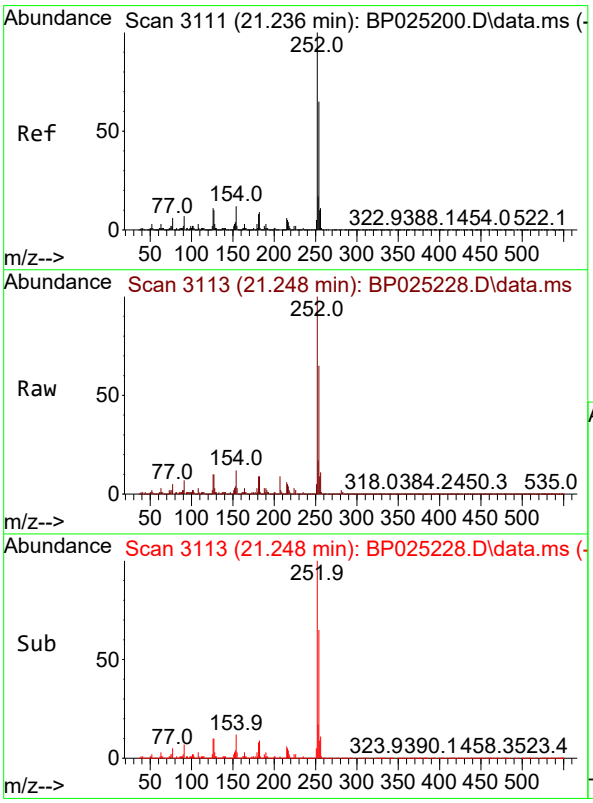
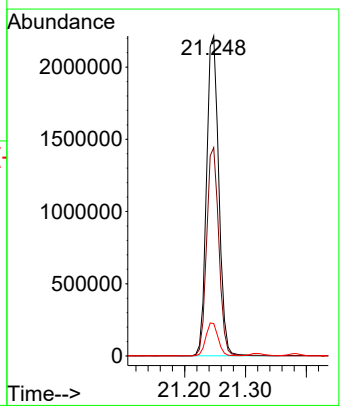
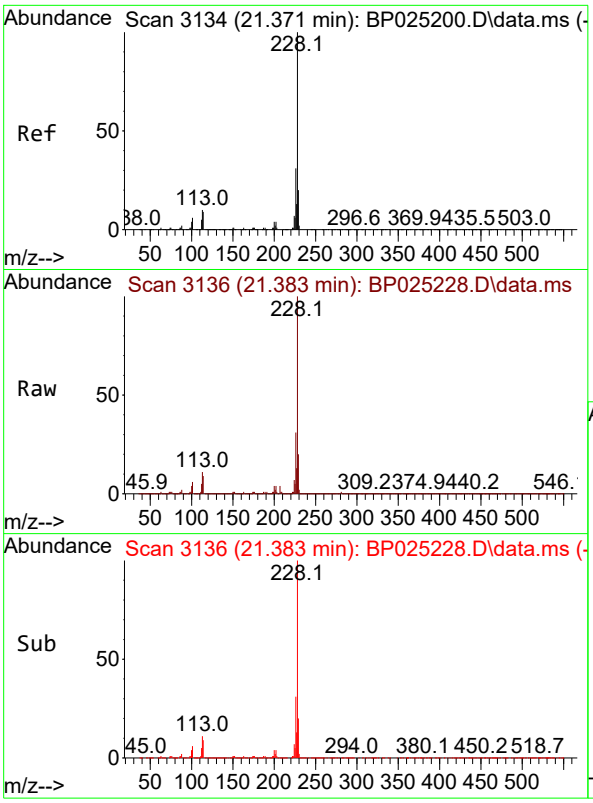



#82
3,3'-Dichlorobenzidine
Concen: 40.337 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 3081562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.1 | 78.1 |
| 126 | 10.2 | 8.6 | 12.8 |

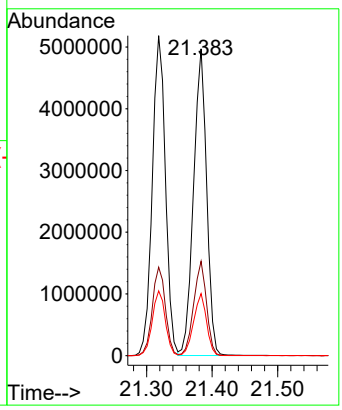





#83
Chrysene
Concen: 40.130 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:228 Resp: 690405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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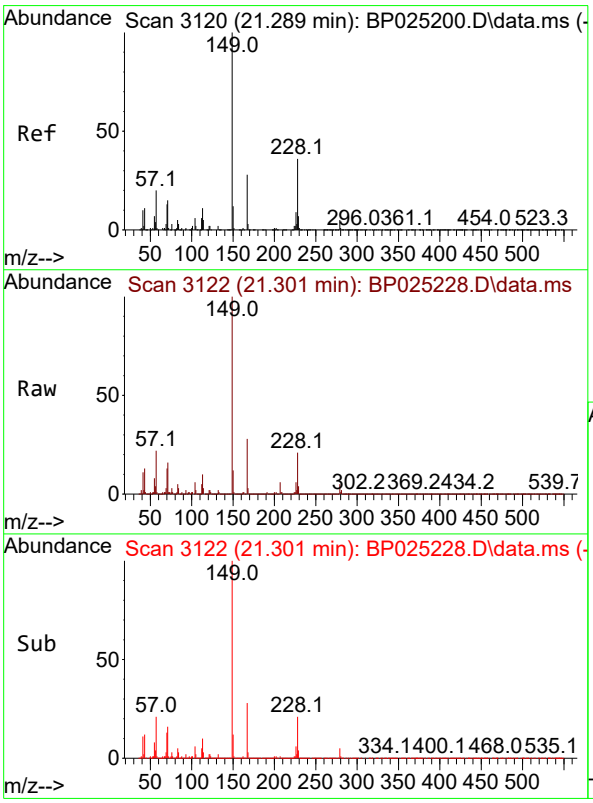
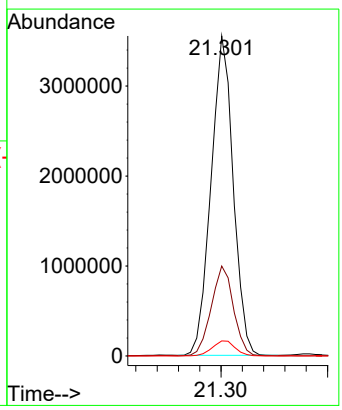
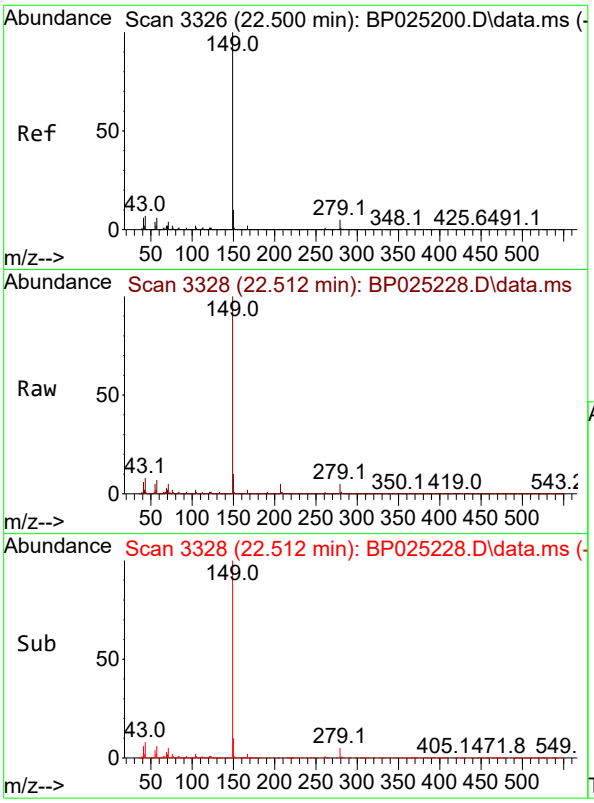



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.060 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 5131749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |






#85
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 874635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
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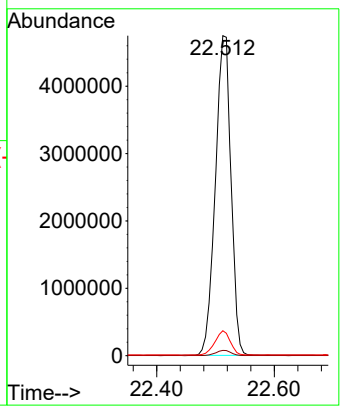
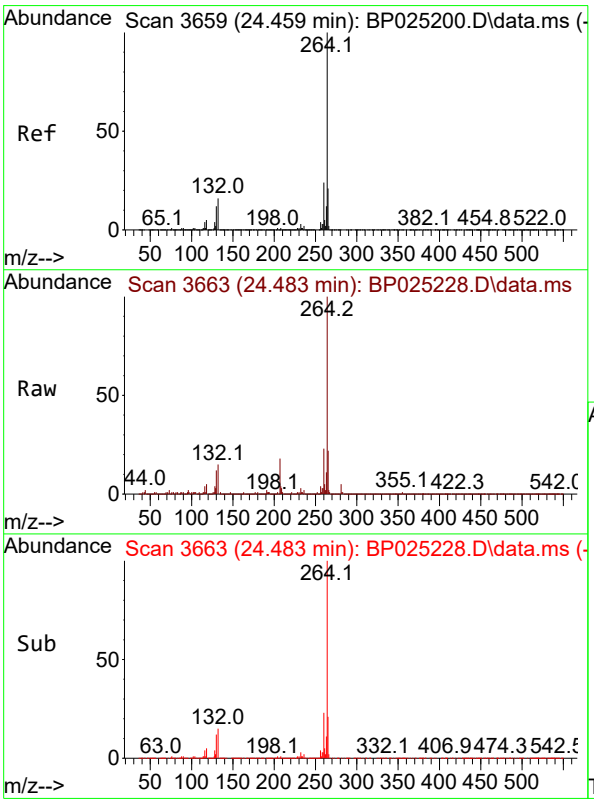
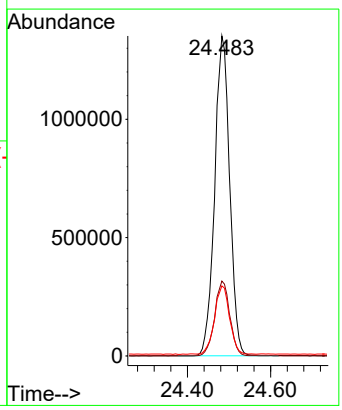


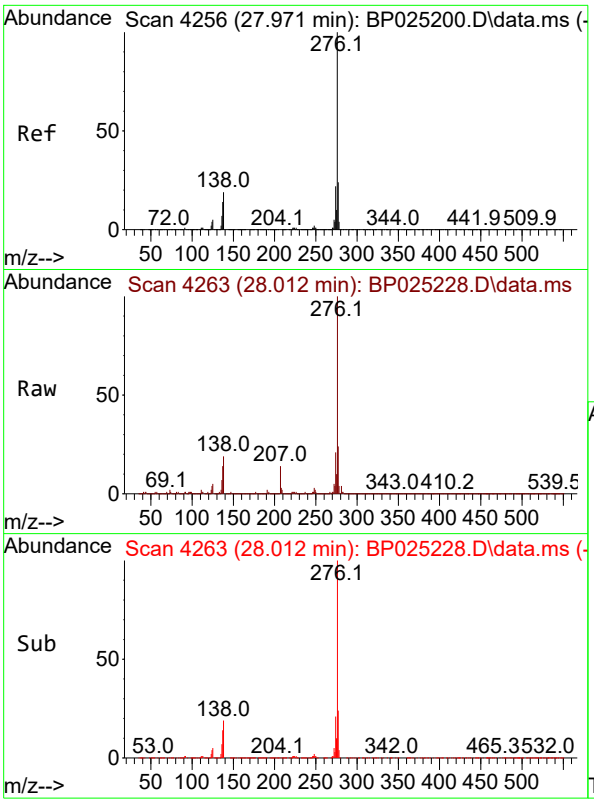




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:264 Resp: 3385440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 21.9 | 17.5 | 26.3 |

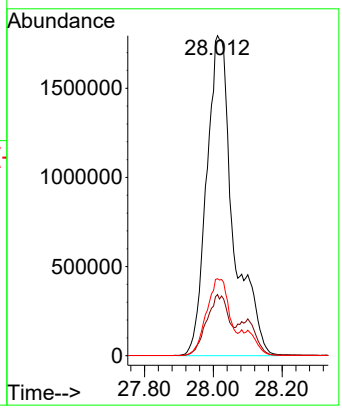





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.107 ng m
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 967494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.7 | 12.8 | 19.2 |
| 277 | 20.6 | 20.3 | 30.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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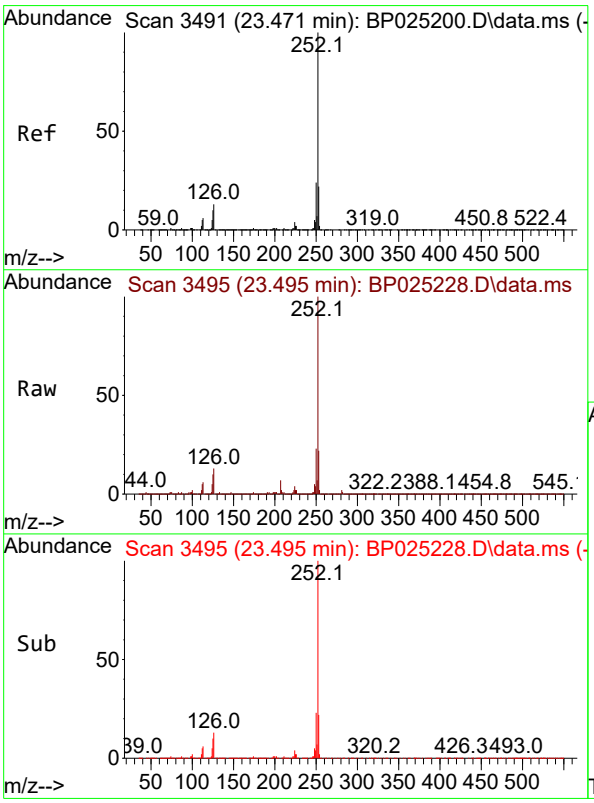
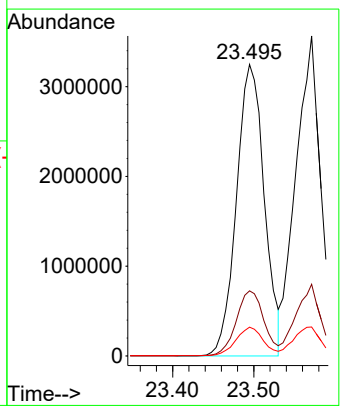
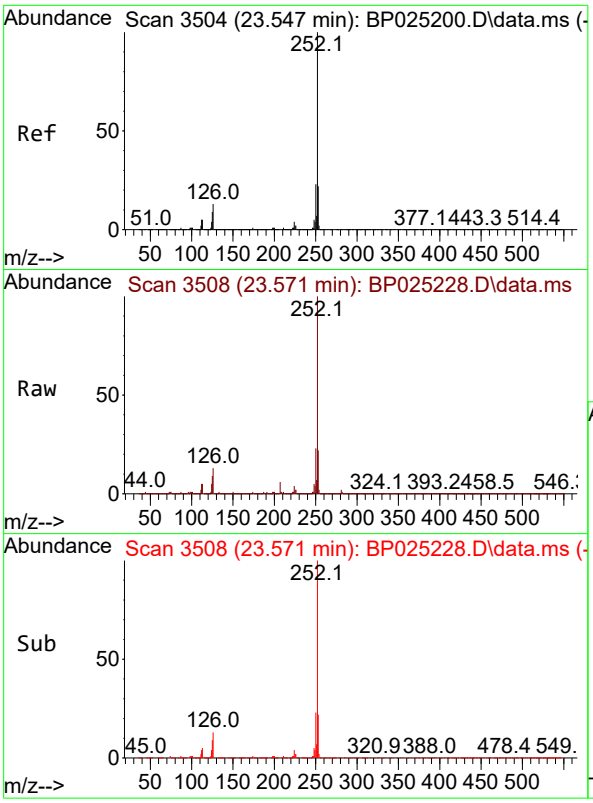



#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7728646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 9.9 | 7.8 | 11.8 |






#89
Benzo(k)fluoranthene
Concen: 39.445 ng
RT: 23.571 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

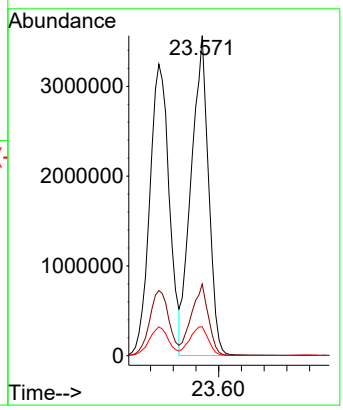
Tgt Ion:252 Resp: 754621

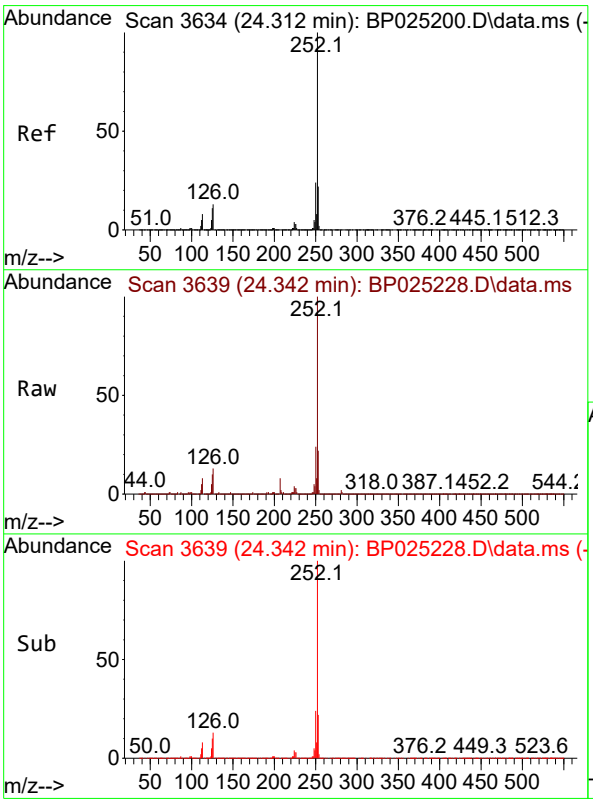
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 9.1 | 7.5 | 11.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

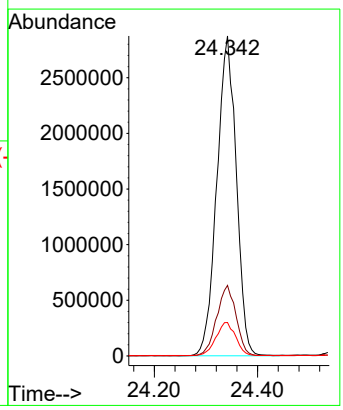


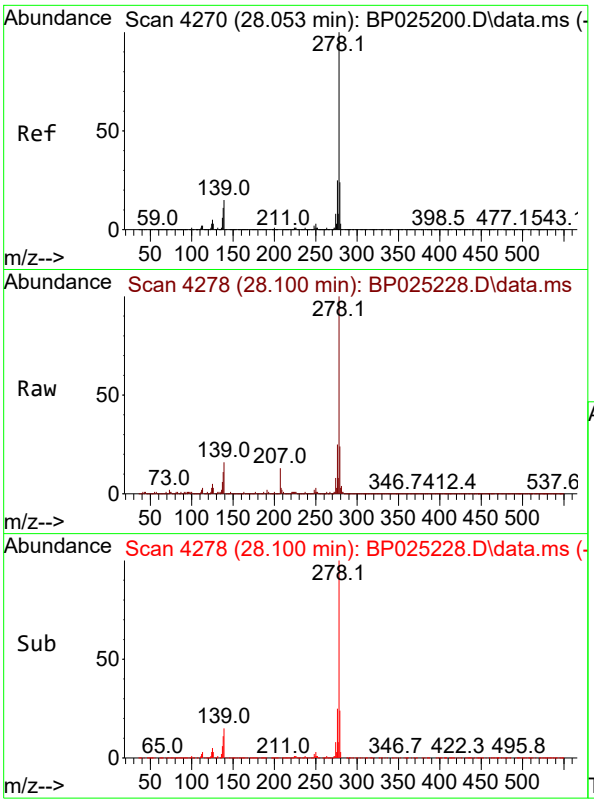




#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 24.342 min Scan# 3639
Delta R.T. 0.030 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7480970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.5 | 8.6 | 12.8 |

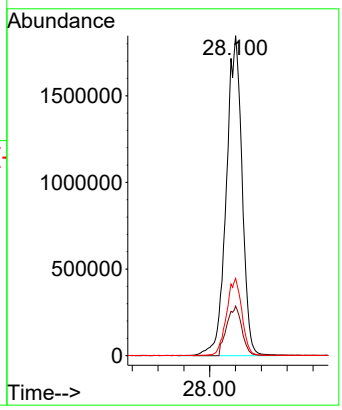





#91
Dibenzo(a,h)anthracene
Concen: 38.794 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:278 Resp: 783023

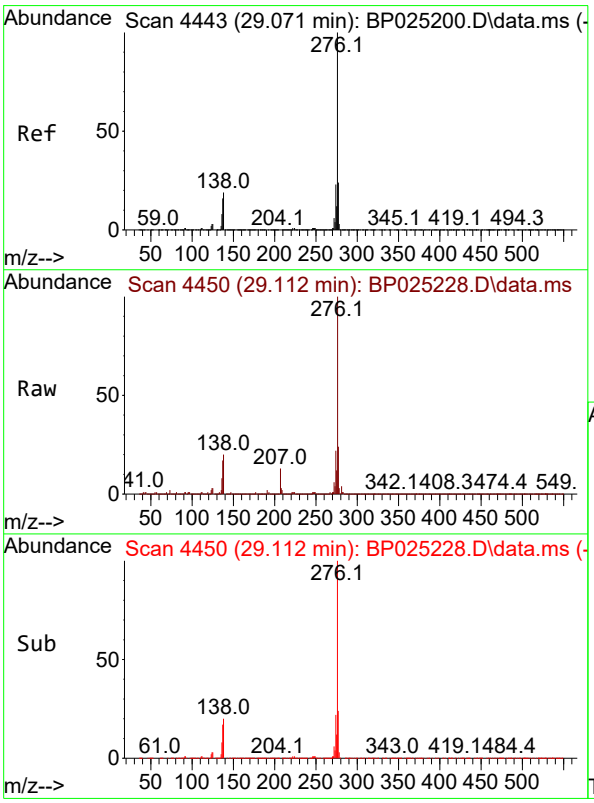
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.5 | 12.0 | 18.0 |
| 279 | 24.2 | 19.5 | 29.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations**
**APPROVED**

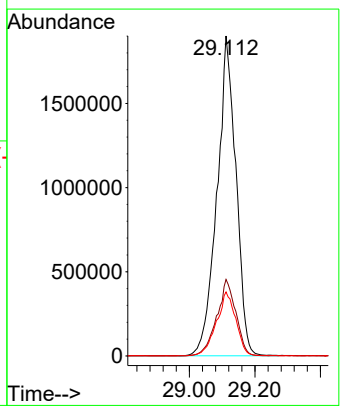
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025




#92
Benzo(g,h,i)perylene
Concen: 38.429 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 7622690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.2 | 28.8 |
| 138 | 20.0 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.414 | 6.8 | 64 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.146 | 3.5 | 65 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.458 | 2.8 | 65 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.154 | 2.5 | 66 | 0.00 |
| 6 | | Aniline | 1.916 | 1.947 | -1.6 | 67 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.503 | -2.5 | 68 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.362 | -1.4 | 68 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.978 | 1.6 | 59 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.542 | -1.4 | 67 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.160 | 0.5 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.482 | 1.9 | 66 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.506 | 1.2 | 66 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.469 | -0.1 | 67 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.096 | -3.7 | 68 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.471 | 1.3 | 66 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.090 | -3.4 | 68 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.519 | 1.0 | 66 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.906 | -2.7 | 68 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.501 | -4.4 | 69 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.456 | 1.9 | 68 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.357 | 0.8 | 69 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.318 | 0.9 | 68 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.622 | 1.7 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.188 | -2.2 | 69 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.309 | -0.3 | 69 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.382 | 3.5 | 67 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.324 | -2.2 | 70 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.343 | 0.9 | 69 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.014 | 0.9 | 69 | 0.00 |
| 32 | | Benzoic acid | 0.235 | 0.281 | -19.6 | 81 | 0.00 |
| 33 | | 4-Chloroaniline | 0.450 | 0.458 | -1.8 | 71 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.204 | 1.9 | 68 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.110 | -4.8 | 74 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.334 | -5.4 | 74 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.679 | -2.1 | 71 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.709 | -1.6 | 70 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.588 | 1.8 | 72 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.252 | 29.6# | 51 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.310 | -5.1 | 77 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.413 | -0.7 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.465 | -3.1 | 74 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.419 | 0.0 | 73 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.431 | 1.3 | 72 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.123 | 0.8 | 73 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.294 | -1.7 | 73 | 0.00 |
| 49 | | Acenaphthylene | 1.831 | 1.860 | -1.6 | 74 | -0.01 |
| 50 | | Dimethylphthalate | 1.430 | 1.409 | 1.5 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.319 | -2.6 | 74 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.066 | -0.7 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.363 | -3.7 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.143 | 22.3 | 57 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.743 | -1.9 | 75 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.317 | -5.7 | 79 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.457 | -5.1 | 76 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.396 | -2.8 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.422 | -5.8 | 77 | 0.00 |
| 60 | | Diethylphthalate | 1.410 | 1.459 | -3.5 | 76 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.690 | -0.6 | 74 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.375 | -5.3 | 78 | -0.01 |
| 63 | | Azobenzene | 1.149 | 1.198 | -4.3 | 77 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 78 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.101 | 21.7 | 60 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.602 | 0.8 | 78 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.226 | 3.0 | 76 | -0.01 |
| 68 | | Hexachlorobenzene | 0.277 | 0.276 | 0.4 | 77 | 0.00 |
| 69 | | Atrazine | 0.225 | 0.226 | -0.4 | 80 | 0.00 |
| 70 | C | Pentachlorophenol | 0.188 | 0.195 | -3.7 | 80 | 0.00 |
| 71 | | Phenanthrene | 1.079 | 1.084 | -0.5 | 79 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.115 | -2.6 | 81 | 0.00 |
| 73 | | Carbazole | 1.037 | 1.037 | 0.0 | 79 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.271 | -6.2 | 82 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.277 | -0.6 | 80 | 0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.01 |
| 77 | | Benzidine | 0.702 | 0.792 | -12.8 | 74 | 0.00 |
| 78 | | Pyrene | 1.233 | 1.277 | -3.6 | 81 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.013 | 1.070 | -5.6 | 95 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.595 | -6.6 | 84 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.244 | 1.5 | 79 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.528 | -0.8 | 82 | 0.01 |
| 83 | | Chrysene | 1.179 | 1.183 | -0.3 | 81 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.879 | -10.2 | 87 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.498 | -8.7 | 86 | 0.01 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 78 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.429 | 2.3 | 78 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.141 | 0.3 | 79 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.115 | 1.3 | 77 | 0.02 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.105 | 1.1 | 78 | 0.03 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.156 | 3.0 | 77 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.126 | 3.9 | 76 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev Area% | Dev(min) |
|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.296 | 6.8 | 64 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.607 | 3.5 | 65 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.874 | 2.8 | 65 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 78.011 | 2.5 | 66 | 0.00 |
| 6 | | Aniline | 40.000 | 40.638 | -1.6 | 67 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 82.039 | -2.5 | 68 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.576 | -1.4 | 68 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.343 | 1.6 | 59 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.566 | -1.4 | 67 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.793 | 0.5 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.245 | 1.9 | 66 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.521 | 1.2 | 66 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.064 | -0.2 | 67 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.459 | -3.6 | 68 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.458 | 1.4 | 66 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 41.350 | -3.4 | 68 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.573 | 1.1 | 66 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.082 | -2.7 | 68 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.751 | -4.4 | 69 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 68 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.161 | 2.1 | 68 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.438 | 0.7 | 69 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.614 | 1.0 | 68 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.287 | 1.8 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.747 | -1.9 | 69 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.112 | -0.3 | 69 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.637 | 3.4 | 67 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.880 | -2.2 | 70 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.627 | 0.9 | 69 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.644 | 0.9 | 69 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 47.799 | -19.5 | 81 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.762 | -1.9 | 71 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.183 | 2.0 | 68 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.859 | -4.6 | 74 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 42.212 | -5.5 | 74 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.859 | -2.1 | 71 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.612 | -1.5 | 70 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.246 | 1.9 | 72 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 28.144 | 29.6# | 51 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 84.128 | -5.2 | 77 | -0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.313 | -0.8 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.280 | -3.2 | 74 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 80.047 | -0.1 | 73 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.468 | 1.3 | 72 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.669 | 0.8 | 73 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 40.662 | -1.7 | 73 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.627 | -1.6 | 74 | -0.01 |
| 50 | | Dimethylphthalate | 40.000 | 39.404 | 1.5 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.051 | -2.6 | 74 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.271 | -0.7 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.445 | -3.6 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 30.972 | 22.6 | 57 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.773 | -1.9 | 75 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.223 | -5.6 | 79 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.047 | -5.1 | 76 | 0.00 |
| 58 | | Fluorene | 40.000 | 41.137 | -2.8 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.296 | -5.7 | 77 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 41.387 | -3.5 | 76 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.260 | -0.6 | 74 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.134 | -5.3 | 78 | -0.01 |
| 63 | | Azobenzene | 40.000 | 41.714 | -4.3 | 77 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 78 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 31.439 | 21.4 | 60 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.689 | 0.8 | 78 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.788 | 3.0 | 76 | -0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 39.880 | 0.3 | 77 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.212 | -0.5 | 80 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.397 | -3.5 | 80 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.193 | -0.5 | 79 | 0.00 |
| 72 | | Anthracene | 40.000 | 41.055 | -2.6 | 81 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.986 | 0.0 | 79 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.462 | -6.2 | 82 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.231 | -0.6 | 80 | 0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 79 | 0.01 |
| 77 | | Benzidine | 40.000 | 45.096 | -12.7 | 74 | 0.00 |
| 78 | | Pyrene | 40.000 | 41.413 | -3.5 | 81 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 84.502 | -5.6 | 95 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 42.660 | -6.6 | 84 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.386 | 1.5 | 79 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.337 | -0.8 | 82 | 0.01 |
| 83 | | Chrysene | 40.000 | 40.130 | -0.3 | 81 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 44.060 | -10.2 | 87 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 43.487 | -8.7 | 86 | 0.01 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 78 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.107 | 2.2 | 78 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.882 | 0.3 | 79 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.445 | 1.4 | 77 | 0.02 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.566 | 1.1 | 78 | 0.03 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.794 | 3.0 | 77 | 0.05 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.429 | 3.9 | 76 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG No.: Q2639

Instrument ID: BNA_P Calibration Date/Time: 07/23/2025 21:42

Lab File ID: BP025233.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.184 | 1.161 | | -1.9 | 50.0 |
| Phenol-d6 | 1.466 | 1.503 | | 2.5 | 50.0 |
| Nitrobenzene-d5 | 0.360 | 0.360 | | 0.0 | 50.0 |
| Naphthalene | 1.023 | 1.005 | | -1.8 | 50.0 |
| 2-Methylnaphthalene | 0.665 | 0.662 | | -0.5 | 50.0 |
| 2-Fluorobiphenyl | 1.419 | 1.404 | | -1.1 | 50.0 |
| Acenaphthylene | 1.831 | 1.861 | | 1.6 | 50.0 |
| Acenaphthene | 1.059 | 1.056 | | -0.3 | 50.0 |
| Fluorene | 1.358 | 1.361 | | 0.2 | 50.0 |
| 2,4,6-Tribromophenol | 0.295 | 0.311 | | 5.4 | 50.0 |
| Phenanthrene | 1.079 | 1.050 | | -2.7 | 50.0 |
| Anthracene | 1.087 | 1.097 | | 0.9 | 50.0 |
| Fluoranthene | 1.270 | 1.277 | | 0.6 | 50.0 |
| Pyrene | 1.233 | 1.278 | | 3.7 | 50.0 |
| Terphenyl-d14 | 1.013 | 1.049 | | 3.6 | 50.0 |
| Benzo(a)anthracene | 1.263 | 1.273 | | 0.8 | 50.0 |
| Chrysene | 1.179 | 1.179 | | 0.0 | 50.0 |
| Benzo(b)fluoranthene | 1.145 | 1.134 | | -1.0 | 50.0 |
| Benzo(k)fluoranthene | 1.130 | 1.134 | | 0.4 | 50.0 |
| Benzo(a)pyrene | 1.117 | 1.108 | | -0.8 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.462 | 1.400 | | -4.2 | 50.0 |
| Dibenzo(a,h)anthracene | 1.192 | 1.152 | | -3.4 | 50.0 |
| Benzo(g,h,i)perylene | 1.172 | 1.117 | | -4.7 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 486392 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2051102 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1370558 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2883559 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.342 | 240 | 2956396 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.477 | 264 | 3473449 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2258261 | 78.448 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2924592 | 82.028 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 2950379 | 79.938 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 1706747 | 84.471 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7695730 | 79.162 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.654 | 244 | 12406923 | 82.843 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 397207 | 36.816 | ng | 100 |
| 3) Pyridine | 3.490 | 79 | 1109616 | 38.421 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 444244 | 38.788 | ng | 96 |
| 6) Aniline | 6.778 | 93 | 1898180 | 40.729 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1321396 | 40.456 | ng | 98 |
| 9) Benzaldehyde | 6.596 | 77 | 949698 | 39.287 | ng | 99 |
| 10) Phenol | 6.672 | 94 | 1508036 | 40.785 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1121618 | 39.567 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.331 | 146 | 1452254 | 39.538 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1483481 | 40.012 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 1421955 | 39.868 | ng | 99 |
| 15) Benzyl Alcohol | 7.678 | 79 | 1059972 | 41.216 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 1433241 | 39.515 | ng | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 1060398 | 41.367 | ng | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 498970 | 39.134 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 883396 | 41.187 | ng | 99 |
| 20) 3+4-Methylphenols | 8.201 | 107 | 1460321 | 41.763 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1873231 | 39.248 | ng | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 1306930 | 39.723 | ng | 97 |
| 25) Isophorone | 9.137 | 82 | 2529208 | 38.968 | ng | 99 |
| 26) 2-Nitrophenol | 9.301 | 139 | 770795 | 40.797 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1266095 | 40.048 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 1570117 | 38.676 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 1331278 | 40.989 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 1406328 | 39.643 | ng | 99 |
| 31) Naphthalene | 10.231 | 128 | 4124668 | 39.298 | ng | 99 |
| 32) Benzoic acid | 9.543 | 122 | 1111311 | 46.045 | ng | 99 |
| 33) 4-Chloroaniline | 10.337 | 127 | 1869350 | 40.517 | ng | 100 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 833477 | 39.036 | ng | 99 |
| 35) Caprolactam | 11.143 | 113 | 443549 | 41.148 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.490 | 107 | 1351811 | 41.636 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 2717041 | 39.866 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 2872029 | 40.117 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1614608 | 39.302 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.225 | 237 | 659255 | 26.882 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1136475 | 40.487 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

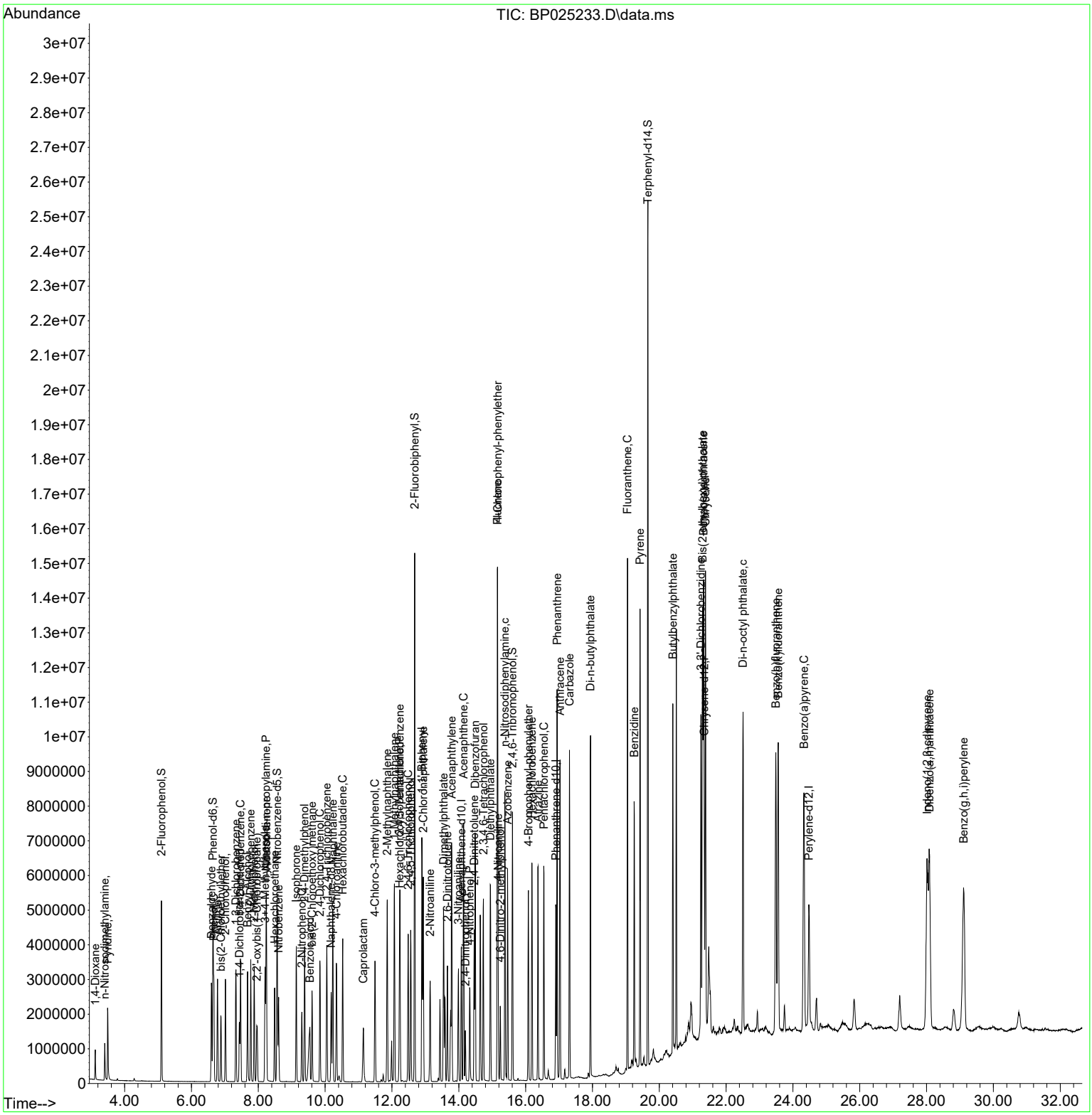
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1279374 | 41.417 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 3887696 | 39.129 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.937 | 162 | 3081144 | 39.721 | ng | 100 |
| 48) 2-Nitroaniline | 13.142 | 65 | 812555 | 41.019 | ng | 98 |
| 49) Acenaphthylene | 13.784 | 152 | 5100046 | 40.650 | ng | 100 |
| 50) Dimethylphthalate | 13.542 | 163 | 3880581 | 39.591 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.660 | 165 | 859297 | 40.347 | ng | 99 |
| 52) Acenaphthene | 14.142 | 154 | 2894112 | 39.892 | ng | 100 |
| 53) 3-Nitroaniline | 13.989 | 138 | 992269 | 41.315 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.195 | 184 | 359141 | 28.461 | ng | 99 |
| 55) Dibenzofuran | 14.489 | 168 | 4655796 | 39.729 | ng | 100 |
| 56) 4-Nitrophenol | 14.331 | 139 | 854420 | 41.574 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1256168 | 42.136 | ng | 98 |
| 58) Fluorene | 15.154 | 166 | 3731050 | 40.103 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.736 | 232 | 1154082 | 42.216 | ng | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 3906414 | 40.436 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 1876429 | 39.914 | ng | 99 |
| 62) 4-Nitroaniline | 15.178 | 138 | 1025103 | 41.969 | ng | 99 |
| 63) Azobenzene | 15.460 | 77 | 3222733 | 40.936 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 530459 | 28.505 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 3410177 | 38.963 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.083 | 248 | 1314338 | 39.056 | ng | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 1567252 | 39.216 | ng | 97 |
| 69) Atrazine | 16.372 | 200 | 1268958 | 39.181 | ng | 99 |
| 70) Pentachlorophenol | 16.548 | 266 | 1130406 | 41.595 | ng | 100 |
| 71) Phenanthrene | 16.942 | 178 | 6056777 | 38.944 | ng | 100 |
| 72) Anthracene | 17.030 | 178 | 6328083 | 40.390 | ng | 100 |
| 73) Carbazole | 17.313 | 167 | 5919022 | 39.575 | ng | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 7253259 | 42.030 | ng | 99 |
| 75) Fluoranthene | 19.048 | 202 | 7366038 | 40.243 | ng | 99 |
| 77) Benzidine | 19.248 | 184 | 4453862 | 42.911 | ng | 100 |
| 78) Pyrene | 19.424 | 202 | 7558775 | 41.466 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3567496 | 43.234 | ng | 98 |
| 81) Benzo(a)anthracene | 21.324 | 228 | 7528594 | 40.325 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3114856 | 40.249 | ng | 99 |
| 83) Chrysene | 21.383 | 228 | 6971303 | 40.000 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 5261242 | 44.592 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.507 | 149 | 8952122 | 43.938 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.012 | 276 | 9723383 | 38.306 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.489 | 252 | 7879892 | 39.633 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.560 | 252 | 7877583 | 40.134 | ng | 100 |
| 90) Benzo(a)pyrene | 24.330 | 252 | 7700098 | 39.694 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.089 | 278 | 8004435 | 38.652 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.106 | 276 | 7762421 | 38.142 | ng | 98 |

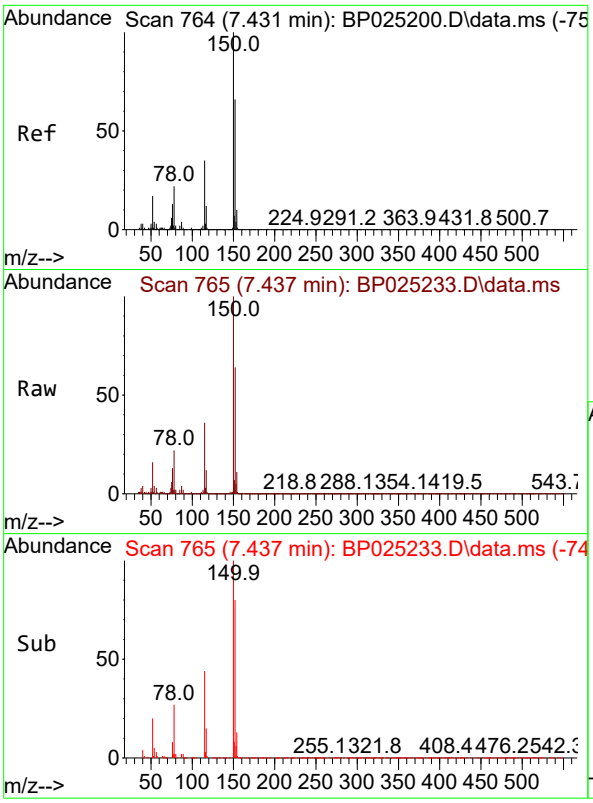
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



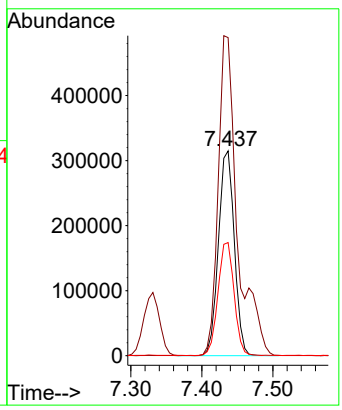


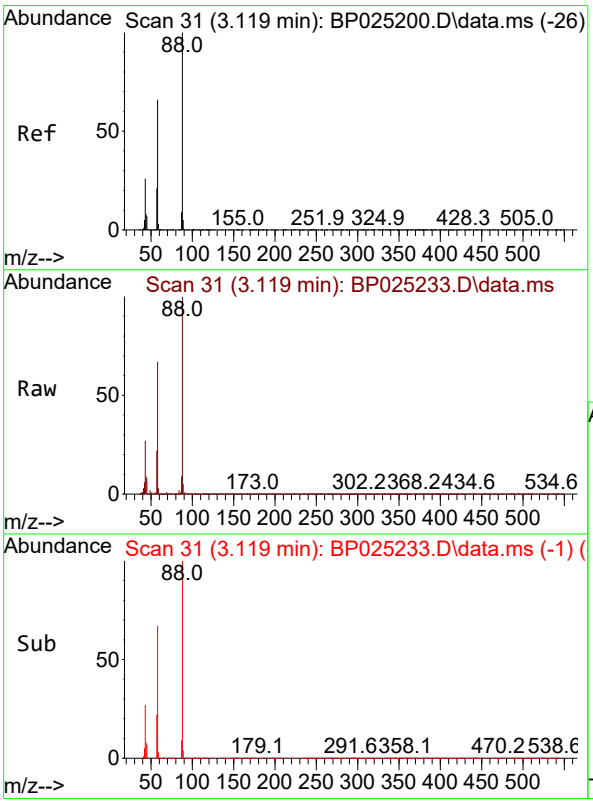

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 486392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 121.9 | 182.9 |
| 115 | 55.2 | 43.0 | 64.6 |

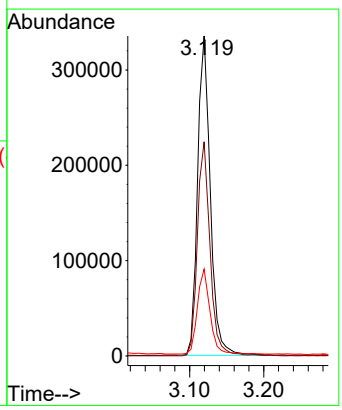


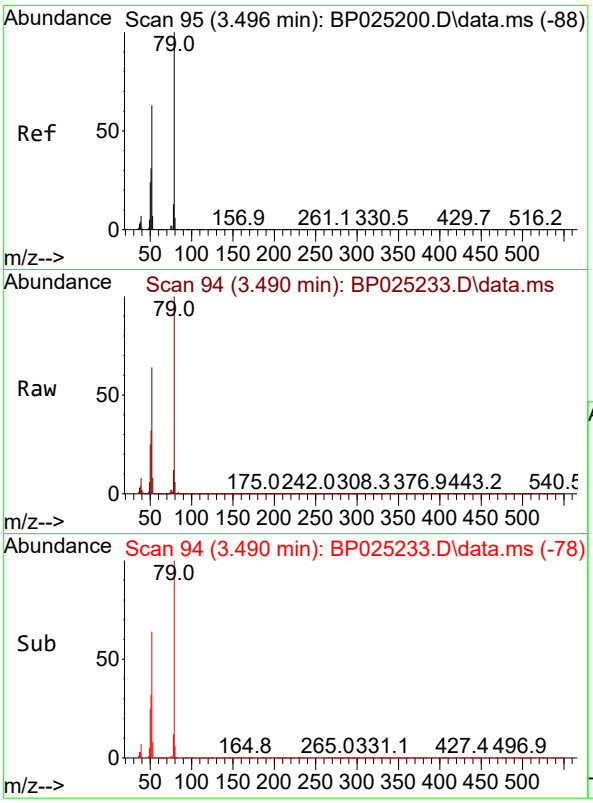




#2
1,4-Dioxane
Concen: 36.816 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 88 Resp: 397207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.1 | 53.5 | 80.3 |
| 43 | 26.2 | 20.8 | 31.2 |



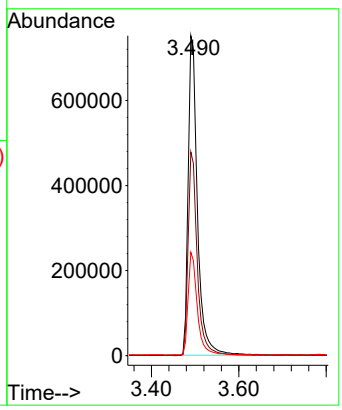


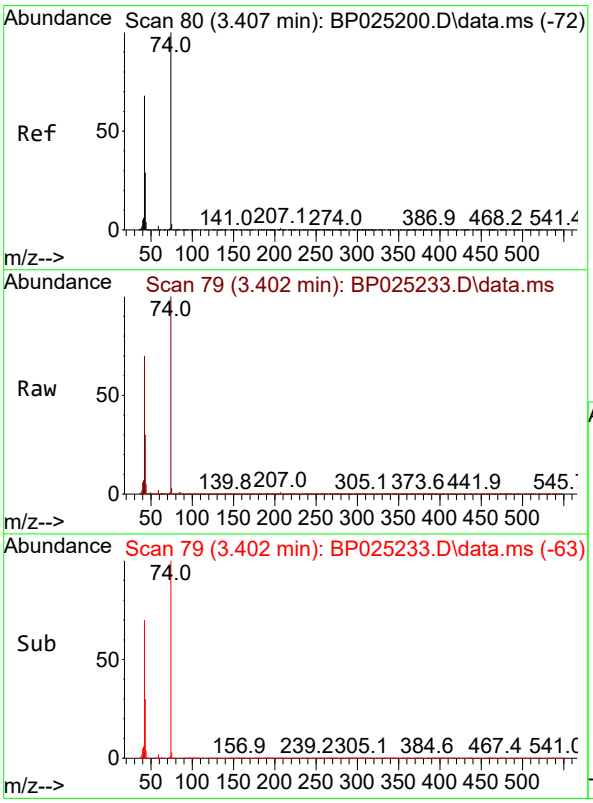

#3
Pyridine
Concen: 38.421 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 1109616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.7 | 50.2 | 75.4 |
| 51 | 32.3 | 25.0 | 37.4 |

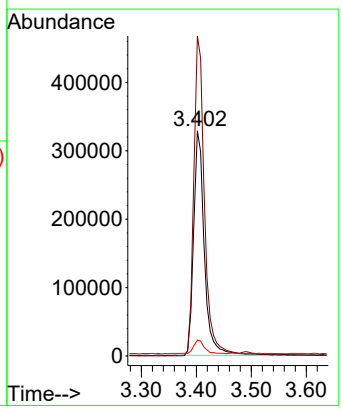


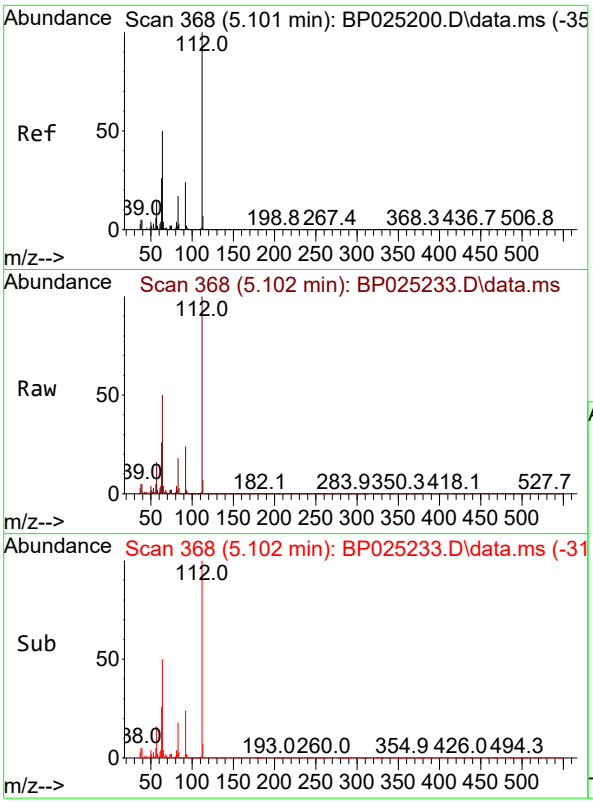




#4
n-Nitrosodimethylamine
Concen: 38.788 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 42 Resp: 444244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.2 | 118.0 | 177.0 |
| 44 | 7.0 | 5.5 | 8.3 |



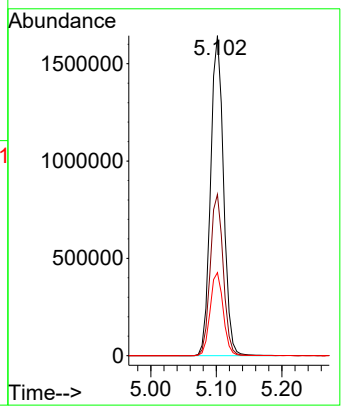


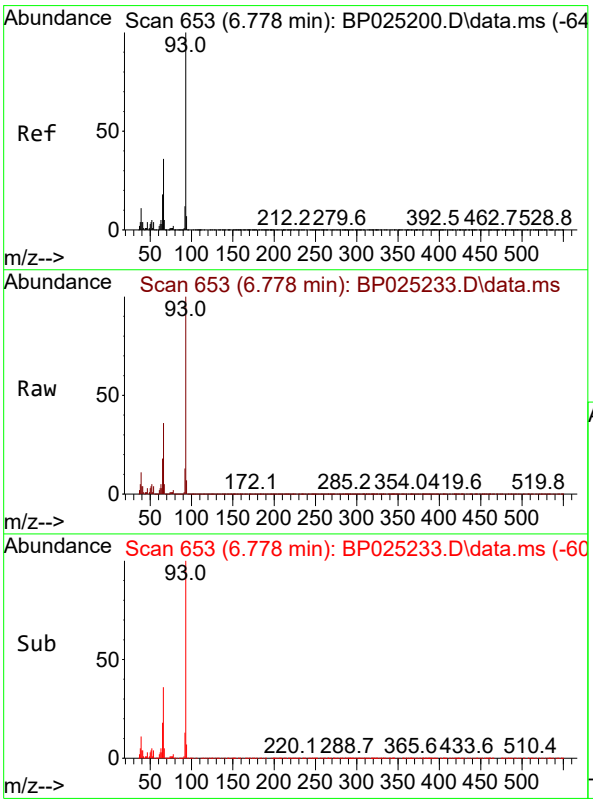

#5
2-Fluorophenol
Concen: 78.448 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 2258261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.4 | 39.8 | 59.6 |
| 63 | 26.0 | 20.5 | 30.7 |

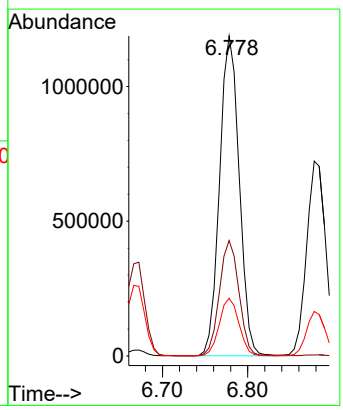


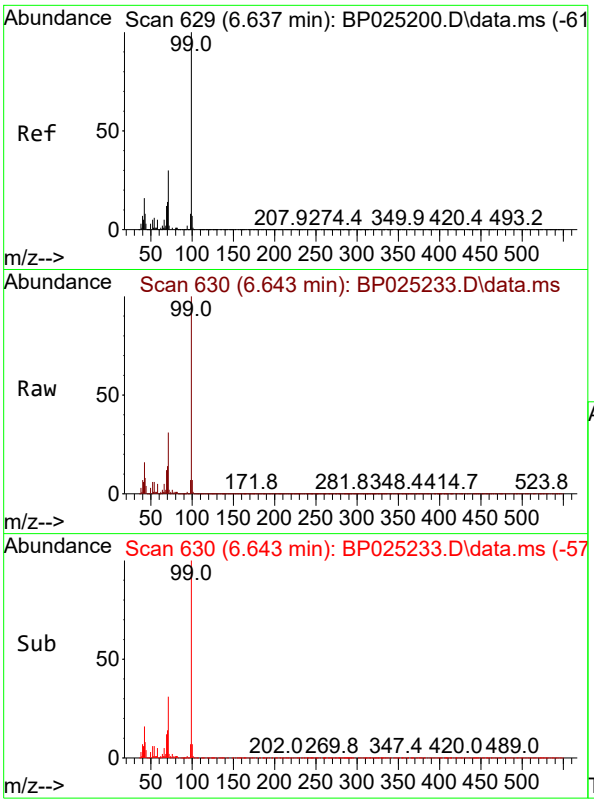




#6
Aniline
Concen: 40.729 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1898180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.1 | 28.6 | 43.0 |
| 65 | 18.0 | 14.6 | 21.8 |



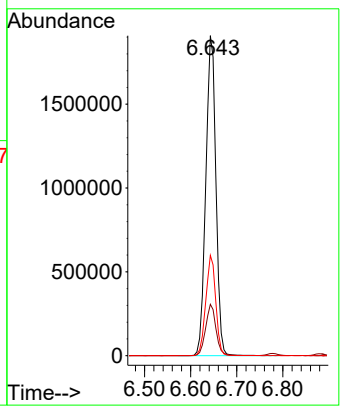


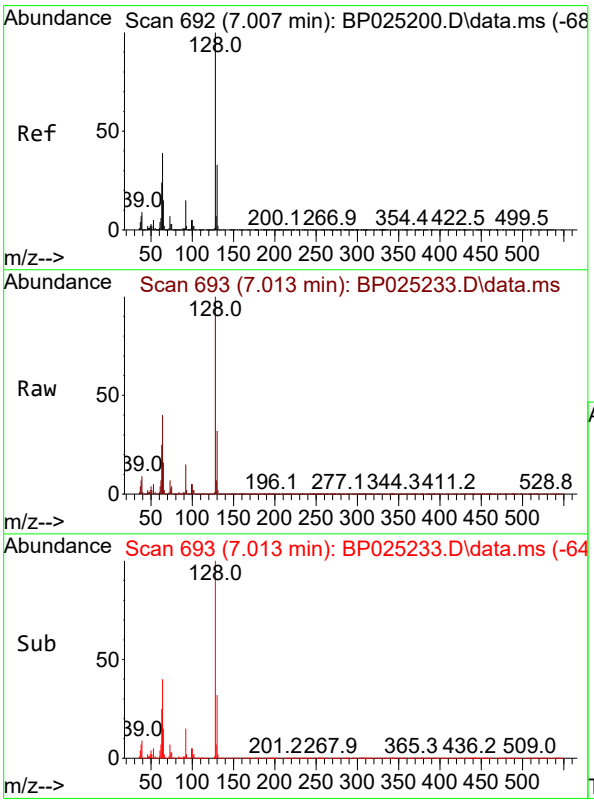

#7
Phenol-d6
Concen: 82.028 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 2924592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.5 | 18.7 |
| 71 | 31.4 | 24.2 | 36.2 |

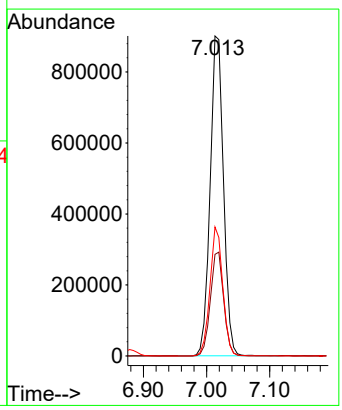


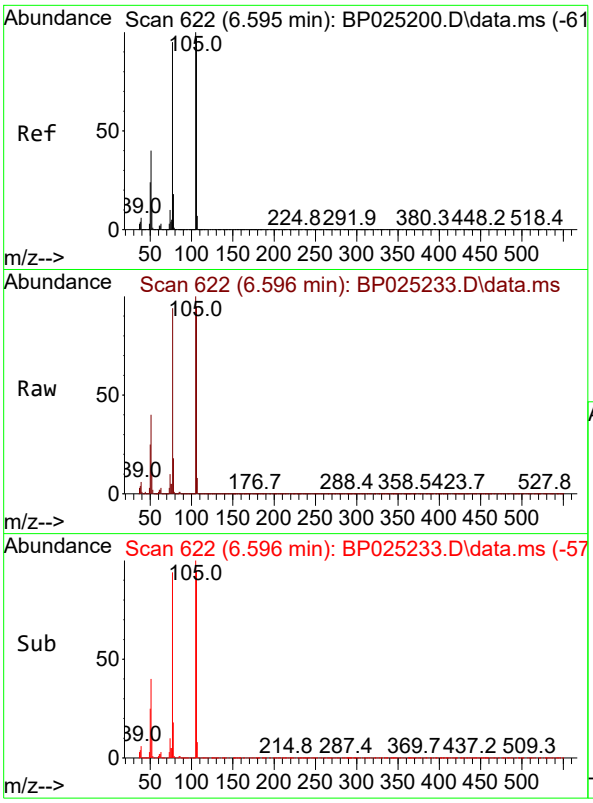




#8
2-Chlorophenol
Concen: 40.456 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:128 Resp: 1321396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 12.9 | 52.9 |
| 64 | 40.3 | 19.2 | 59.2 |



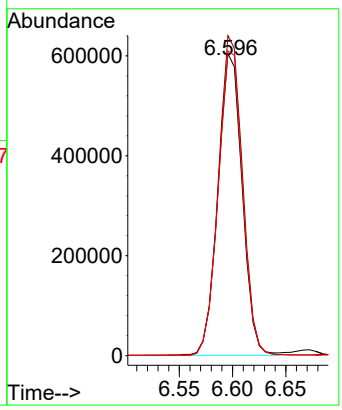


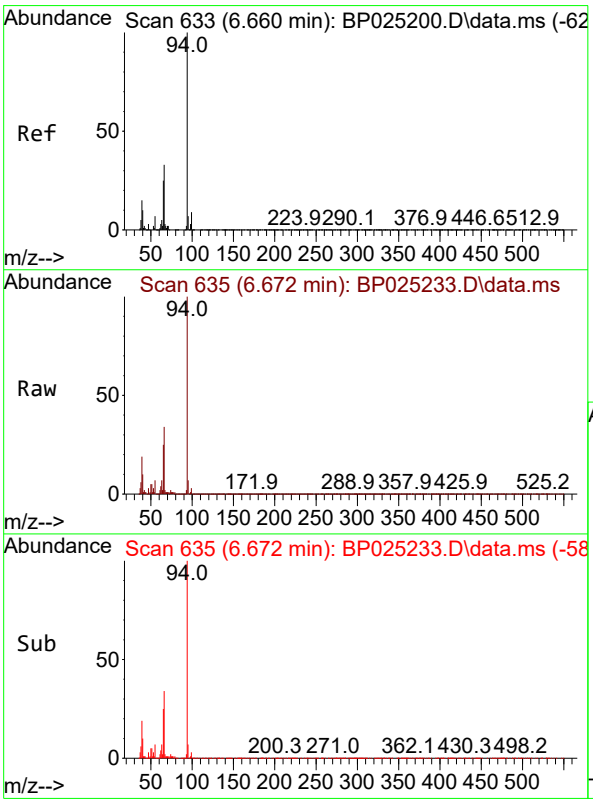

#9
Benzaldehyde
Concen: 39.287 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 949698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.9 | 85.5 | 125.5 |
| 106 | 100.9 | 81.9 | 121.9 |

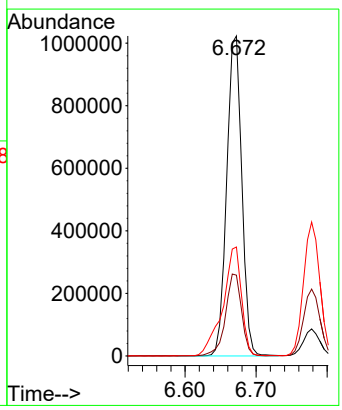


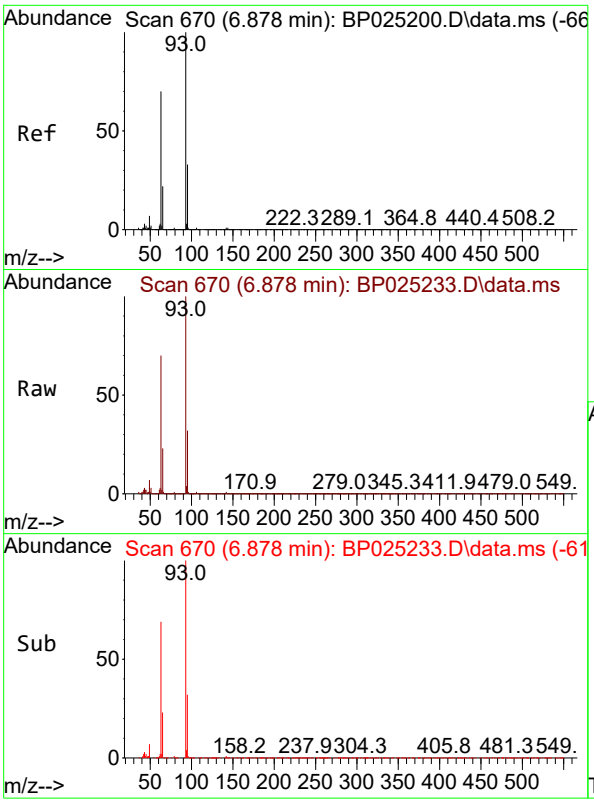




#10
Phenol
Concen: 40.785 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 94 Resp: 1508036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.3 | 5.4 | 45.4 |
| 66 | 34.0 | 13.5 | 53.5 |



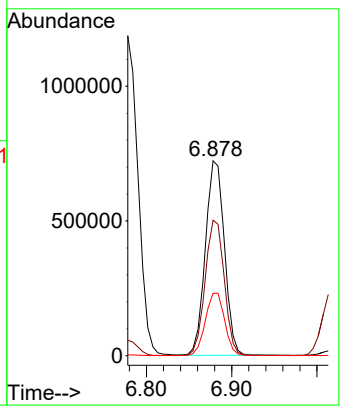


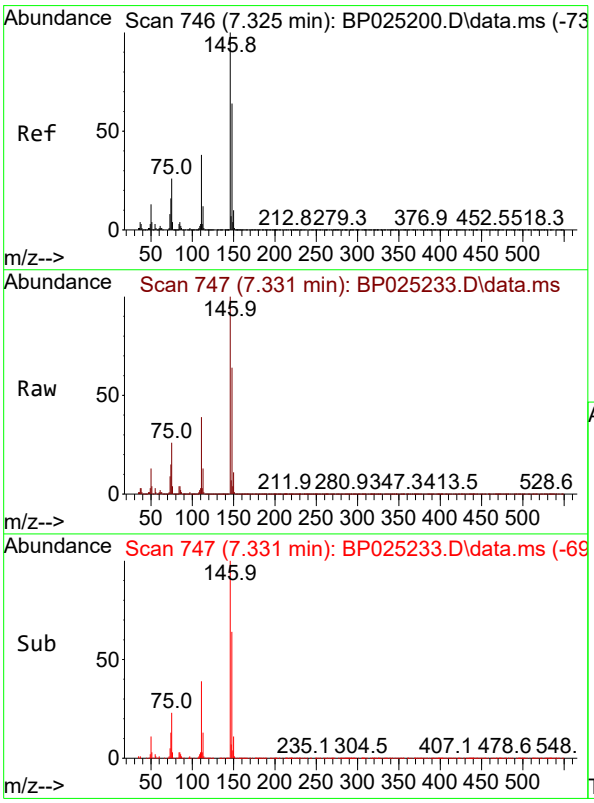

#11
bis(2-Chloroethyl)ether
Concen: 39.567 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 1121618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.6 | 50.0 | 90.0 |
| 95 | 32.0 | 12.9 | 52.9 |

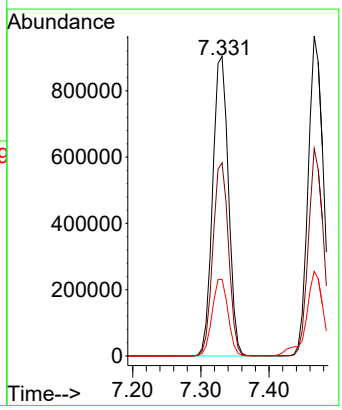


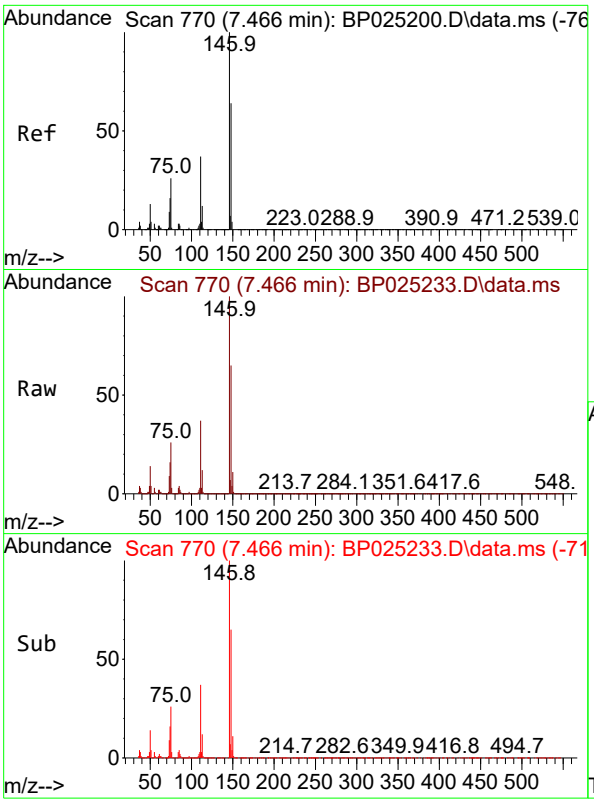




#12
1,3-Dichlorobenzene
Concen: 39.538 ng
RT: 7.331 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:146 Resp: 1452254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 51.4 | 77.0 |
| 75 | 25.6 | 20.6 | 31.0 |



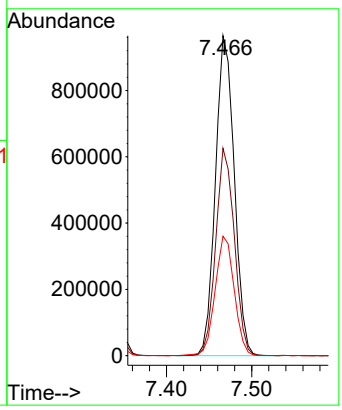


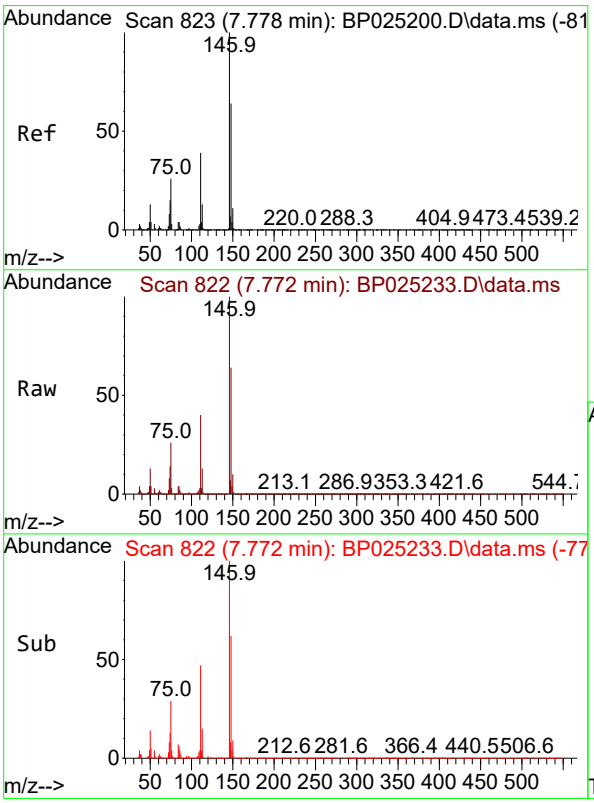

#13
1,4-Dichlorobenzene
Concen: 40.012 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 1483481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.4 | 77.2 |
| 111 | 37.3 | 29.9 | 44.9 |

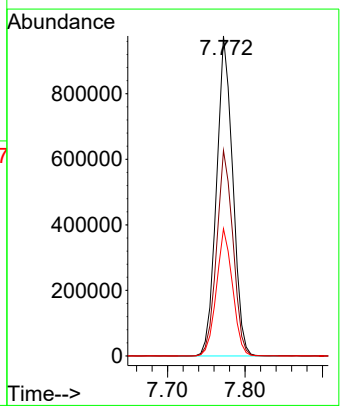


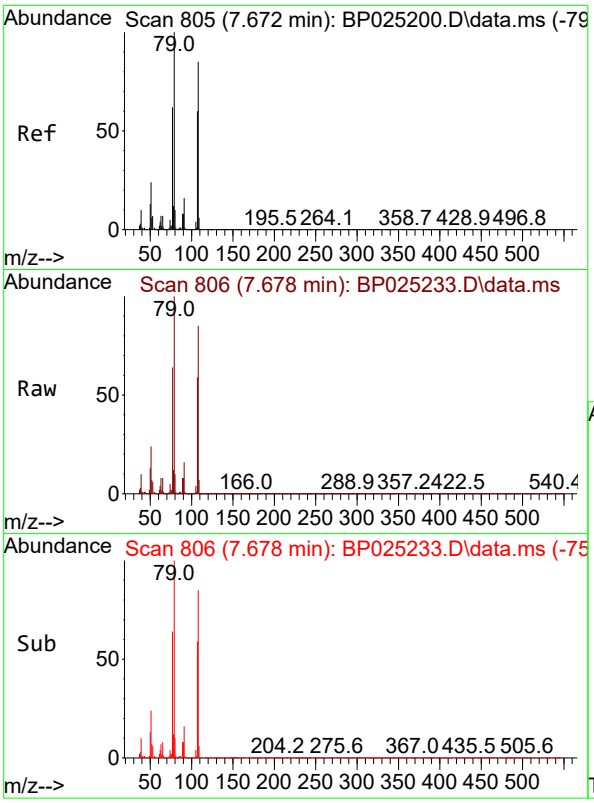




#14
1,2-Dichlorobenzene
Concen: 39.868 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:146 Resp: 1421955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.5 | 77.3 |
| 111 | 39.7 | 31.3 | 46.9 |



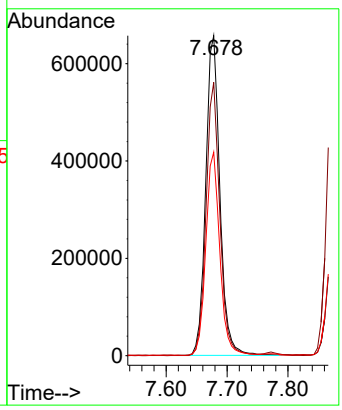


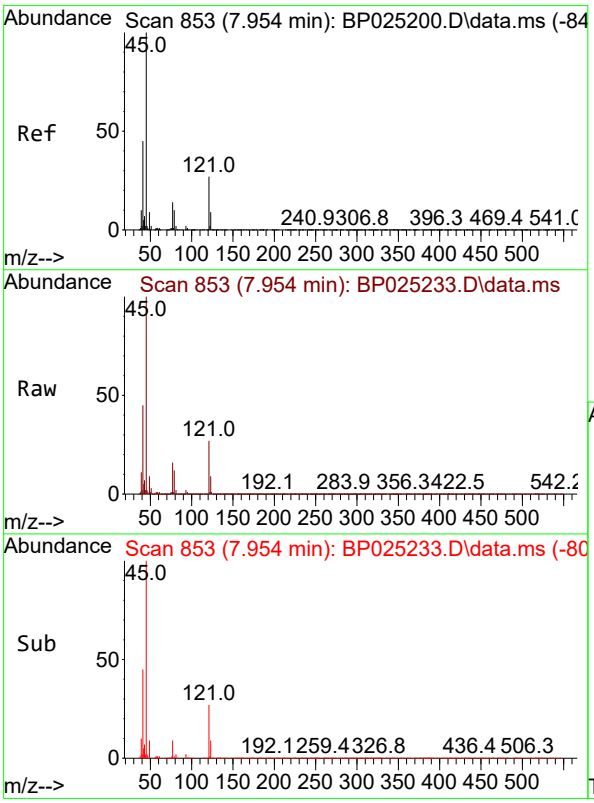

#15
Benzyl Alcohol
Concen: 41.216 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 1059972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.4 | 67.8 | 101.6 |
| 77 | 63.6 | 49.9 | 74.9 |

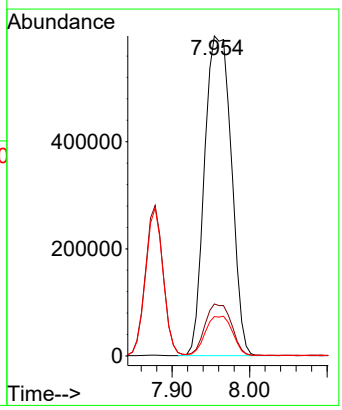


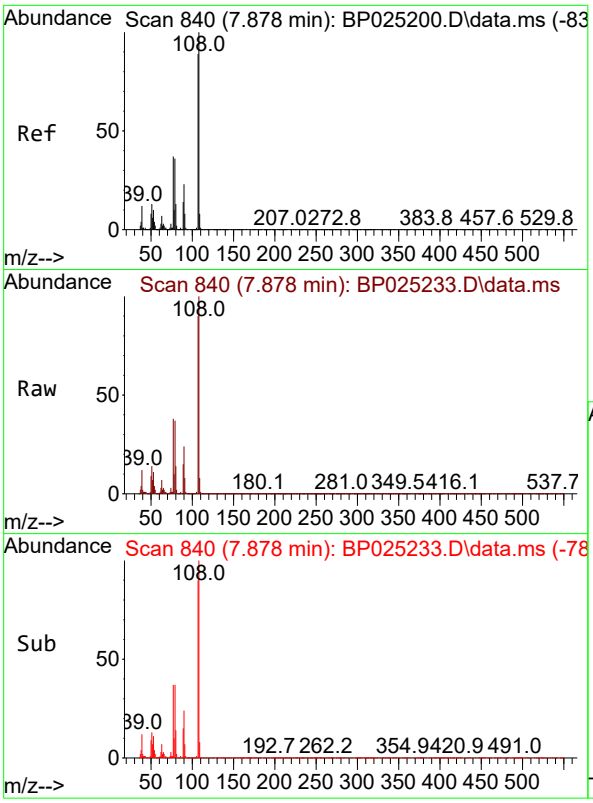




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.515 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 45 Resp: 1433241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.2 | 0.0 | 36.0 |
| 79 | 12.3 | 0.0 | 31.7 |



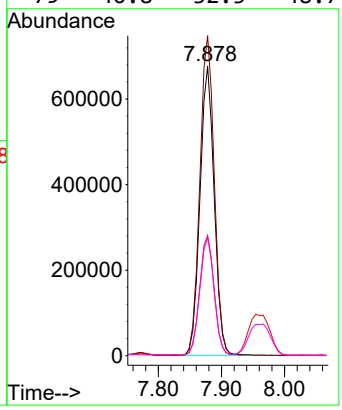


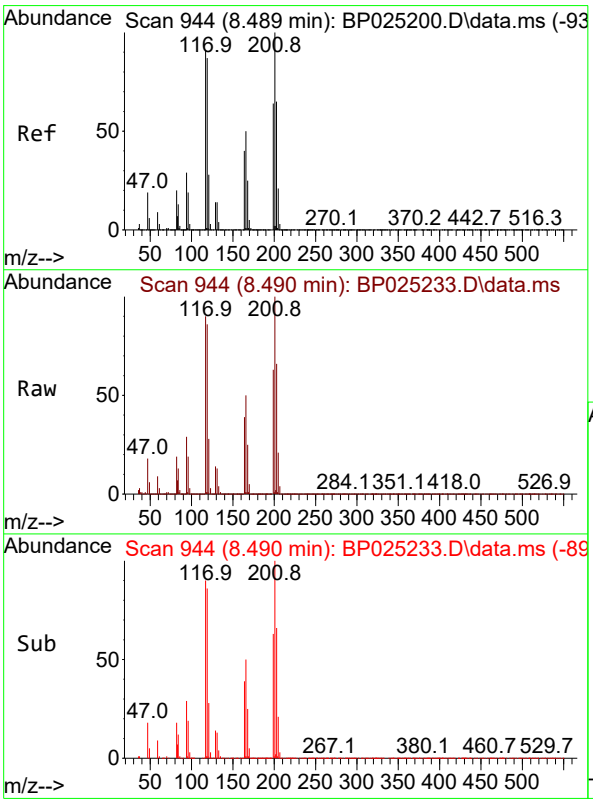

#17
2-Methylphenol
Concen: 41.367 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 1060398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.6 | 89.8 | 134.8 |
| 77 | 41.5 | 33.2 | 49.8 |
| 79 | 40.8 | 32.5 | 48.7 |

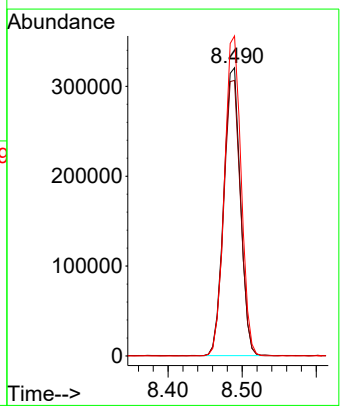


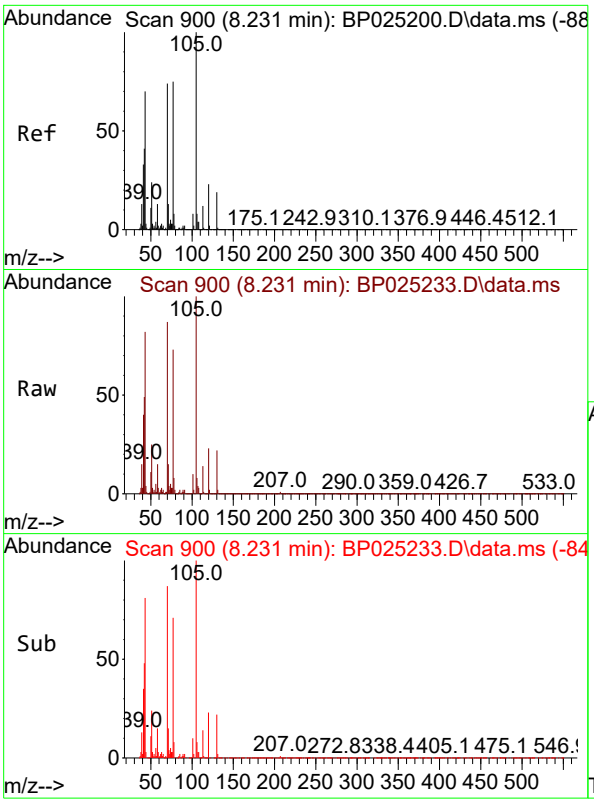




#18
Hexachloroethane
Concen: 39.134 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:117 Resp: 498970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.0 | 115.6 |
| 201 | 111.1 | 88.3 | 132.5 |



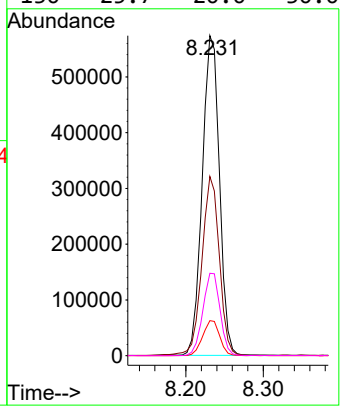


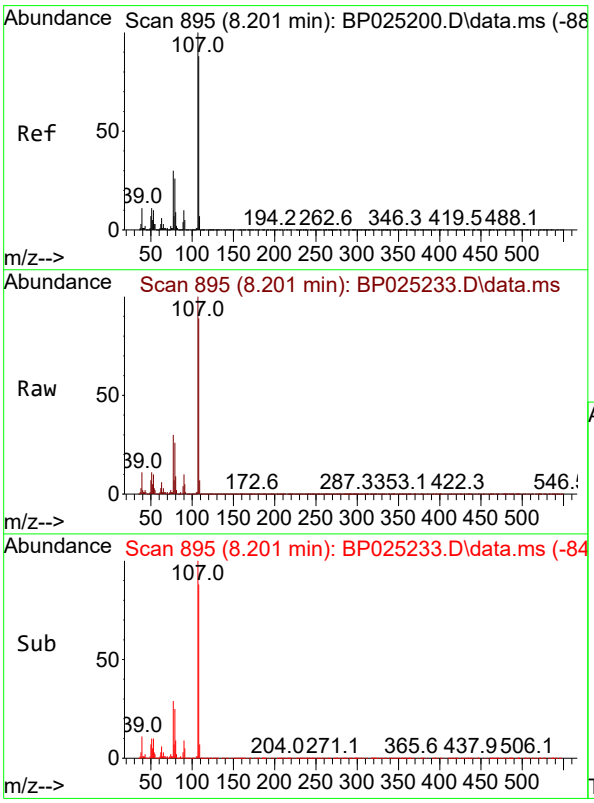

#19
n-Nitroso-di-n-propylamine
Concen: 41.187 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 883396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.0 | 44.2 | 66.2 |
| 101 | 10.9 | 8.6 | 12.8 |
| 130 | 25.7 | 20.0 | 30.0 |

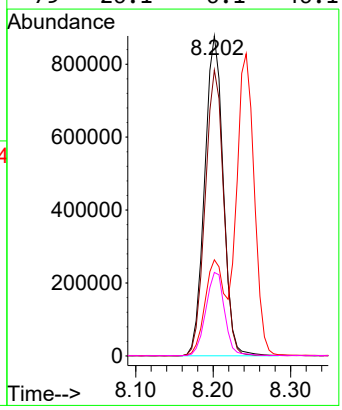


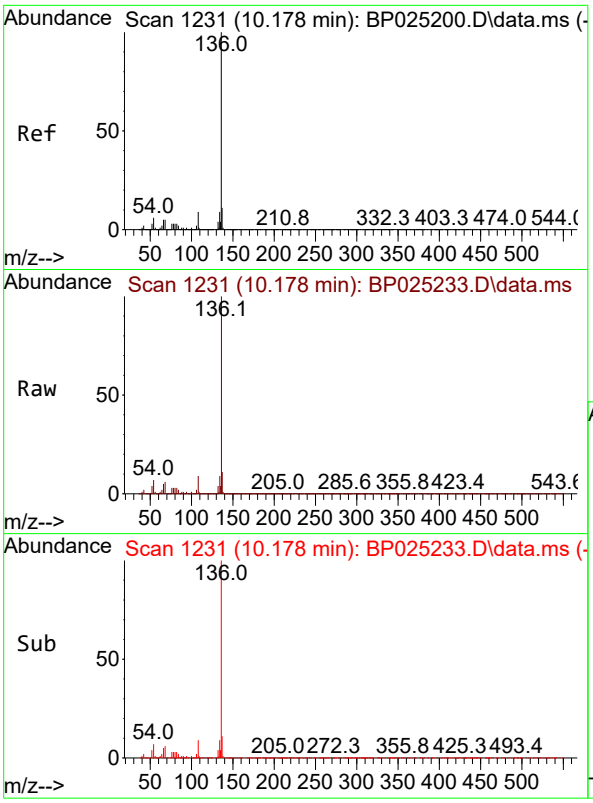




#20
3+4-Methylphenols
Concen: 41.763 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:107 Resp: 1460321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 67.8 | 107.8 |
| 77 | 30.1 | 10.3 | 50.3 |
| 79 | 26.1 | 6.1 | 46.1 |



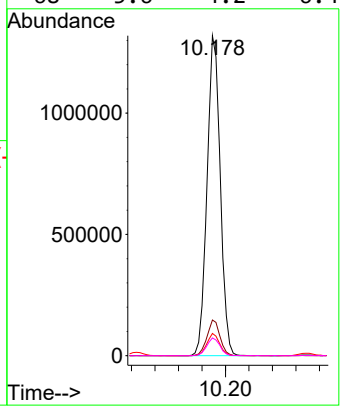


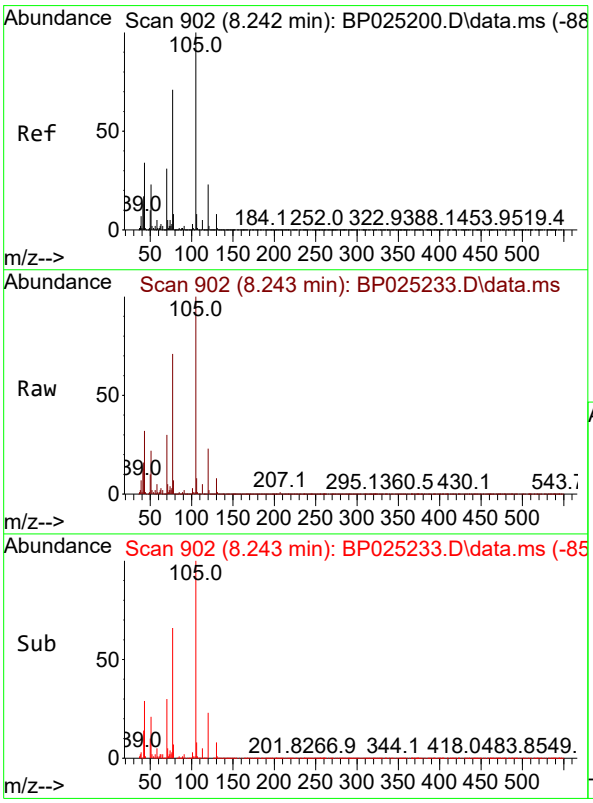

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 2051102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 6.9 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

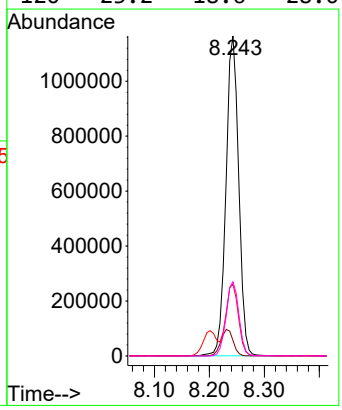


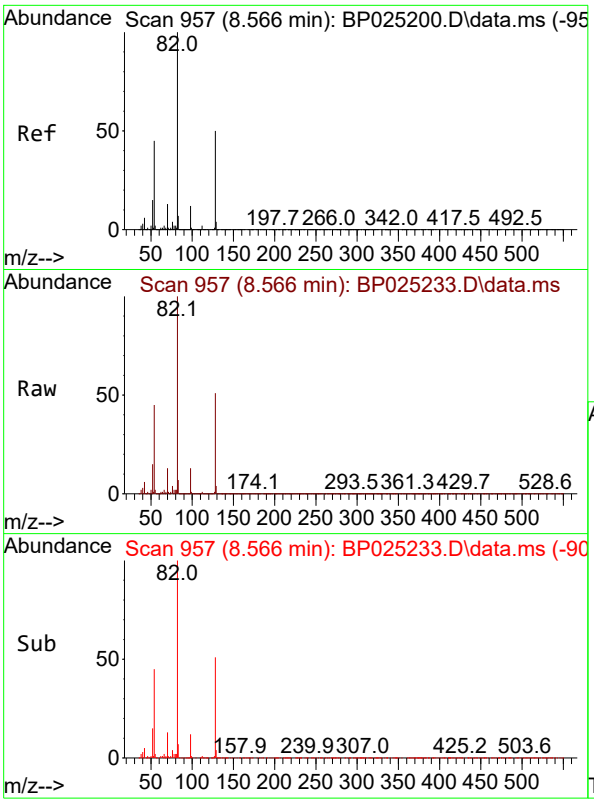




#22
Acetophenone
Concen: 39.248 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:105 Resp: 1873231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.9 | 4.1 | 6.1 |
| 51 | 22.4 | 18.5 | 27.7 |
| 120 | 23.2 | 18.6 | 28.0 |



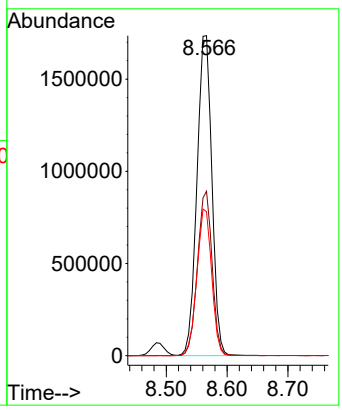


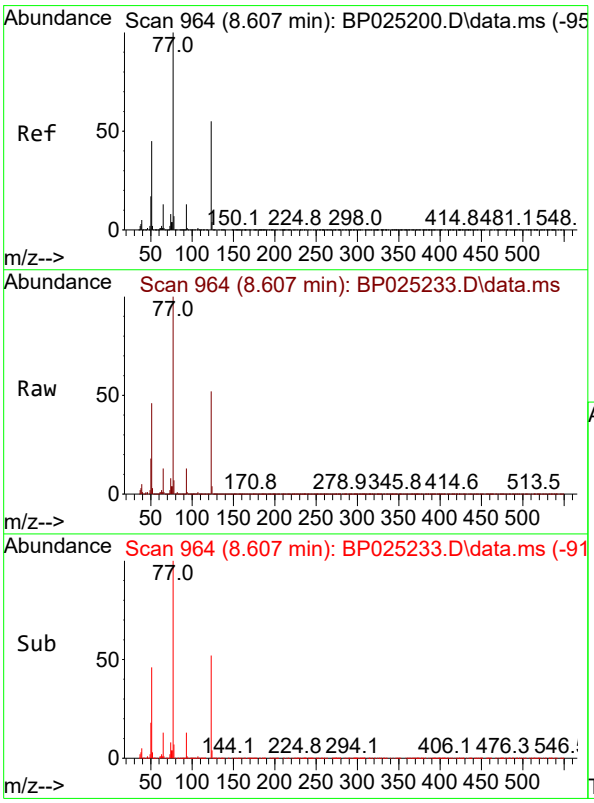

#23
Nitrobenzene-d5
Concen: 79.938 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2950379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.4 | 40.2 | 60.4 |
| 54 | 45.0 | 36.3 | 54.5 |

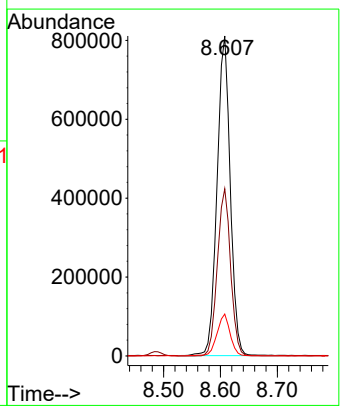


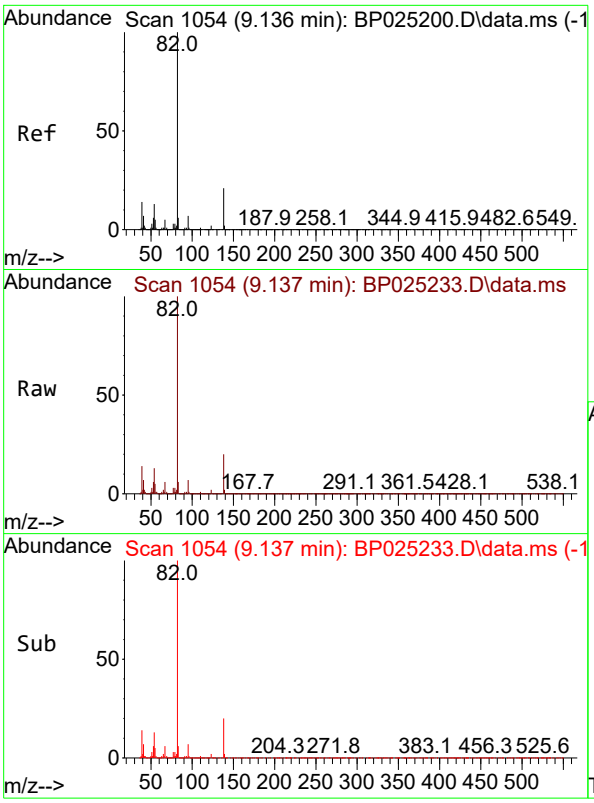




#24
Nitrobenzene
Concen: 39.723 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 77 Resp: 1306930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.3 | 43.6 | 65.4 |
| 65 | 13.1 | 10.2 | 15.2 |



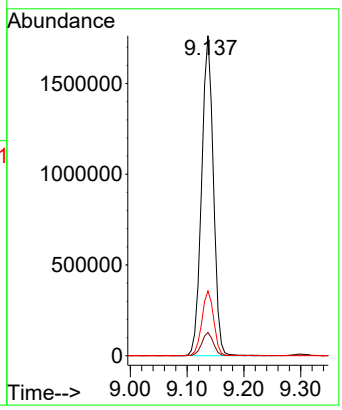


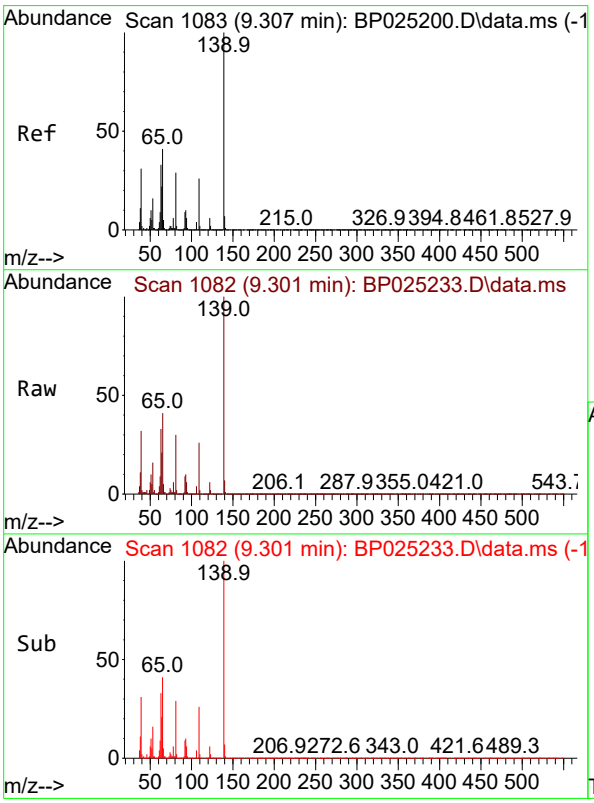

#25
Isophorone
Concen: 38.968 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2529208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.6 | 8.4 |
| 138 | 20.2 | 16.6 | 25.0 |

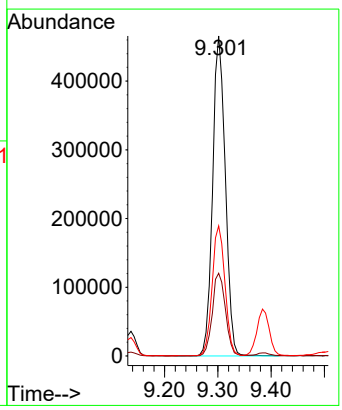


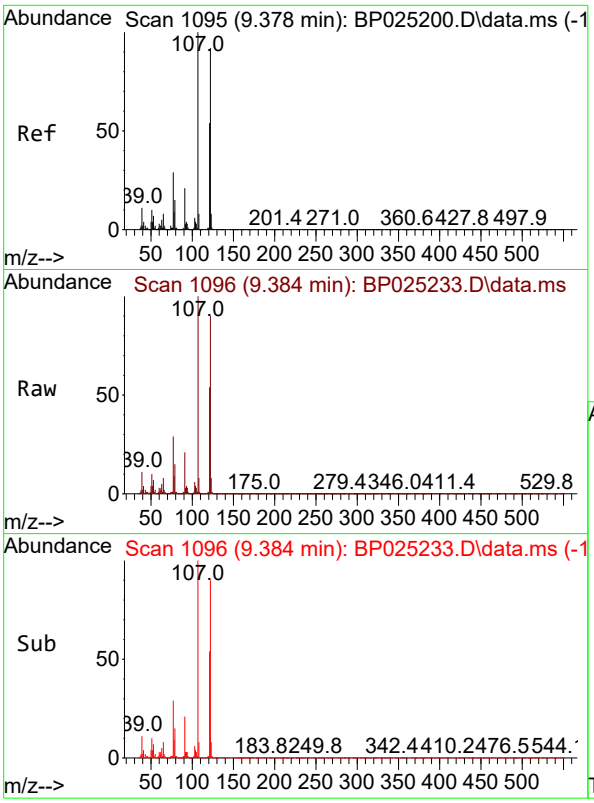




#26
2-Nitrophenol
Concen: 40.797 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:139 Resp: 770795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 40.6 | 32.7 | 49.1 |



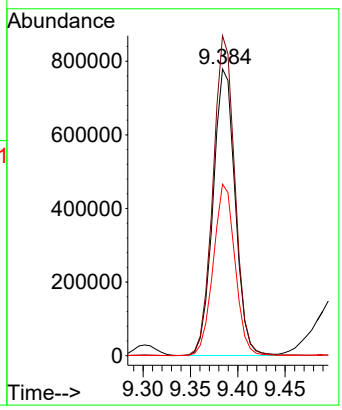


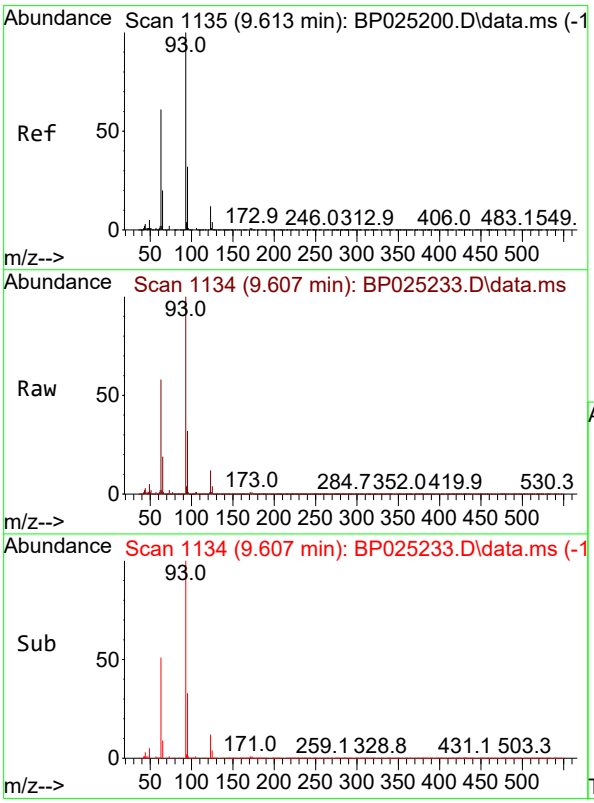

#27
2,4-Dimethylphenol
Concen: 40.048 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 1266095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.6 | 87.0 | 130.4 |
| 121 | 59.8 | 46.7 | 70.1 |

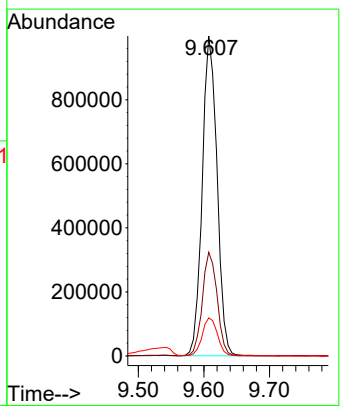


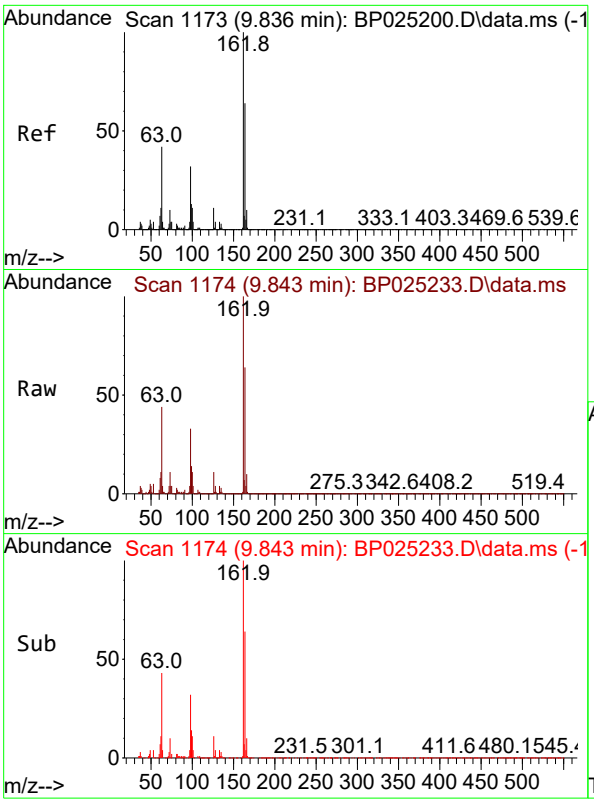




#28
bis(2-Chloroethoxy)methane
Concen: 38.676 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 93 Resp: 1570117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 26.0 | 39.0 |
| 123 | 11.9 | 9.8 | 14.6 |



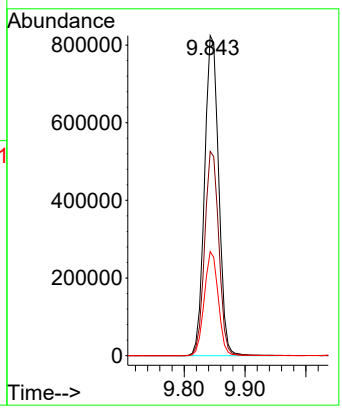


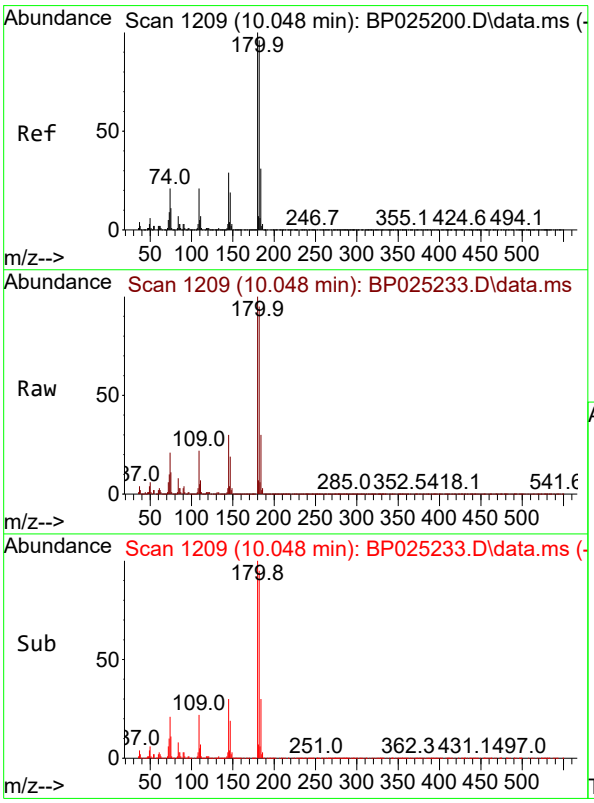

#29
2,4-Dichlorophenol
Concen: 40.989 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 1331278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

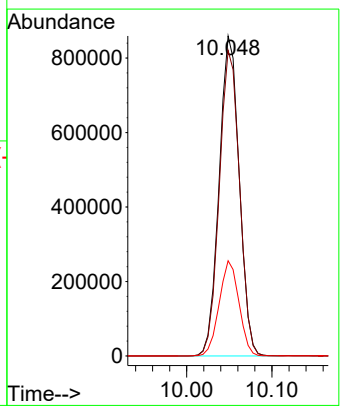


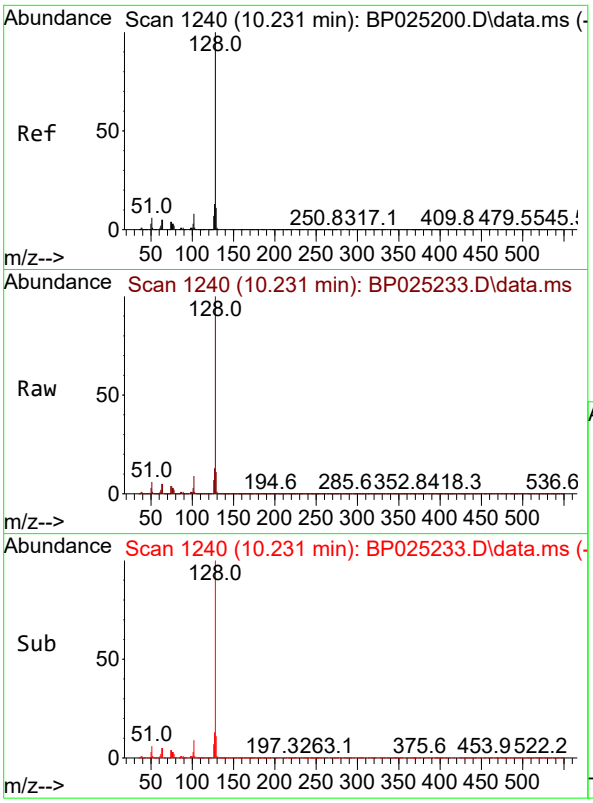




#30
1,2,4-Trichlorobenzene
Concen: 39.643 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:180 Resp: 1406328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 76.7 | 115.1 |
| 145 | 29.8 | 23.5 | 35.3 |



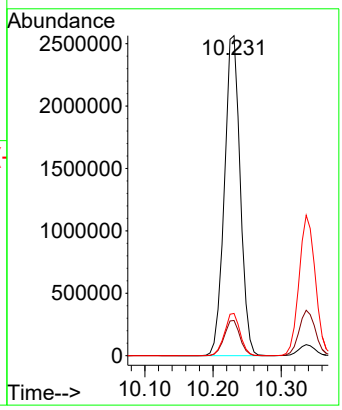


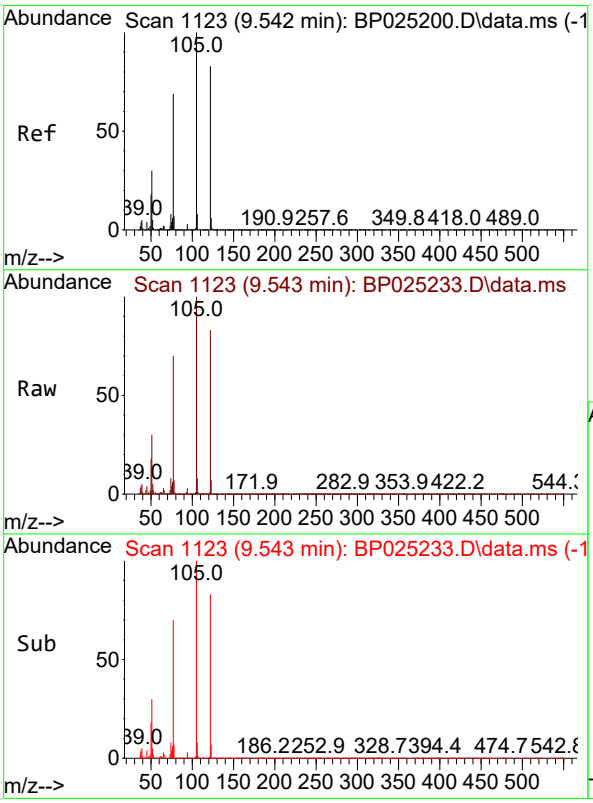

#31
Naphthalene
Concen: 39.298 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 4124668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 13.2 | 10.4 | 15.6 |

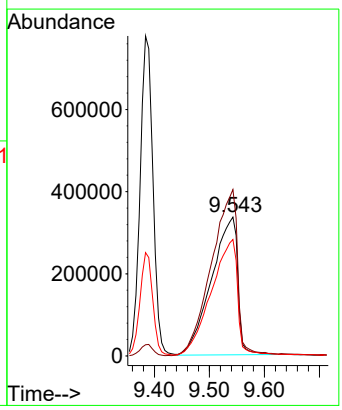


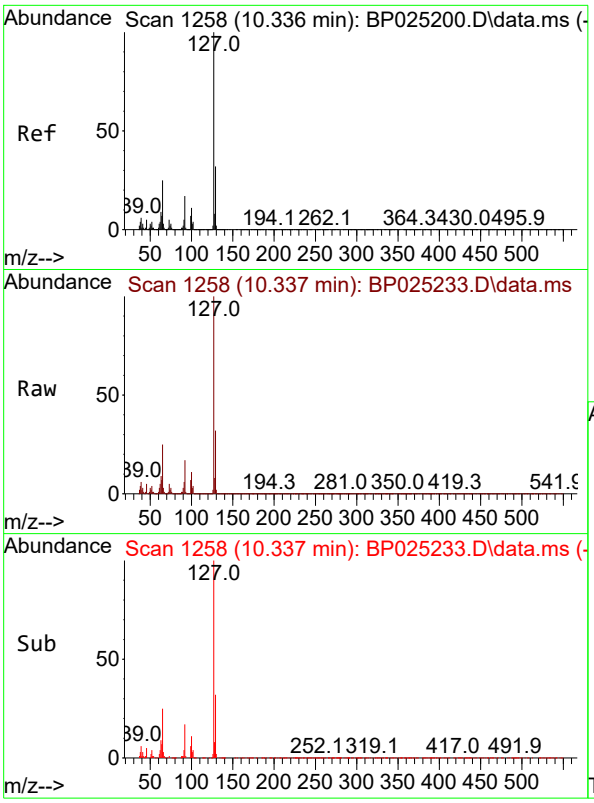




#32
Benzoic acid
Concen: 46.045 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:122 Resp: 1111311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.8 | 98.1 | 138.1 |
| 77 | 83.9 | 62.7 | 102.7 |



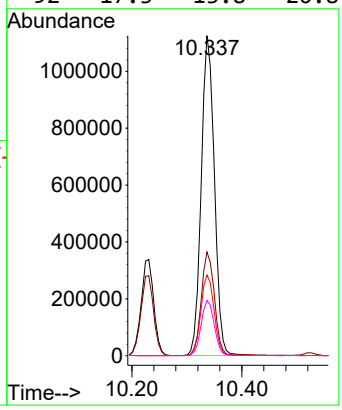


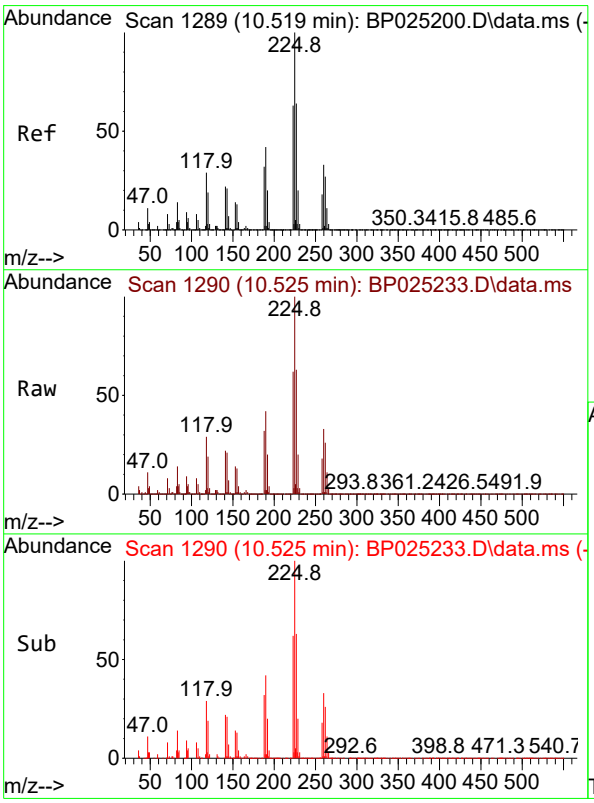

#33
4-Chloroaniline
Concen: 40.517 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 1869350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.9 | 38.9 |
| 65 | 25.2 | 20.2 | 30.4 |
| 92 | 17.3 | 13.8 | 20.8 |

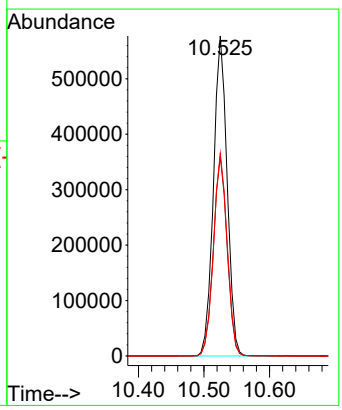


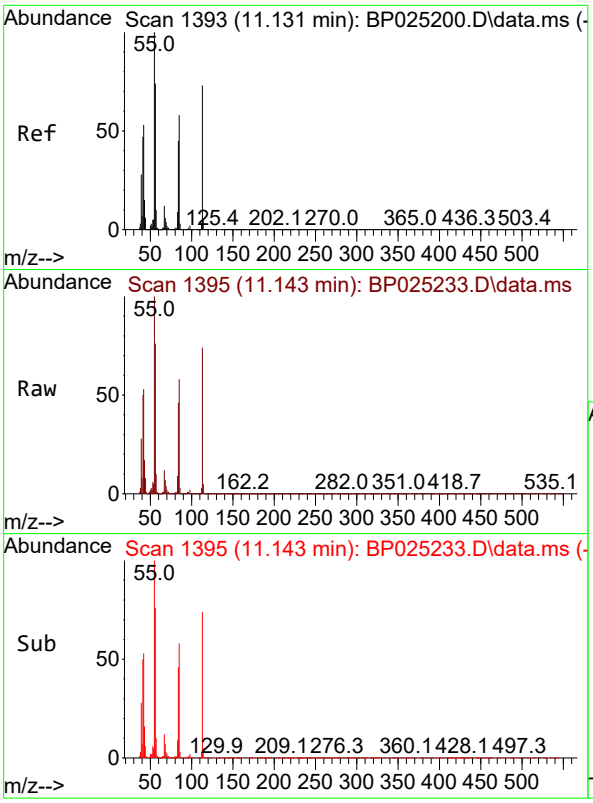




#34
Hexachlorobutadiene
Concen: 39.036 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:225 Resp: 833477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.1 | 75.1 |
| 227 | 63.4 | 51.4 | 77.0 |



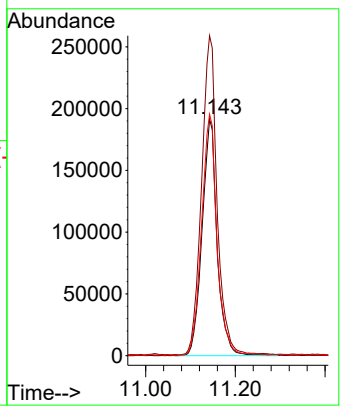


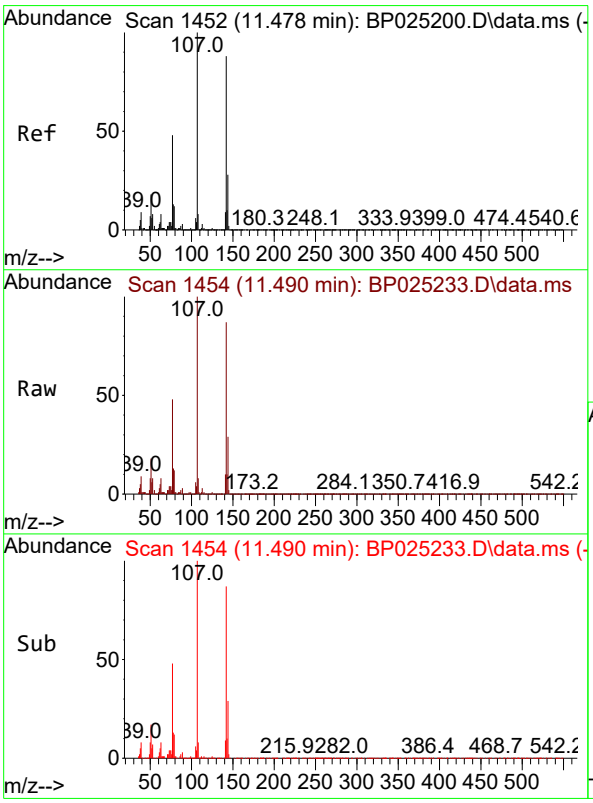

#35
Caprolactam
Concen: 41.148 ng
RT: 11.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 443549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 135.4 | 117.6 | 157.6 |
| 56 | 102.2 | 82.4 | 122.4 |

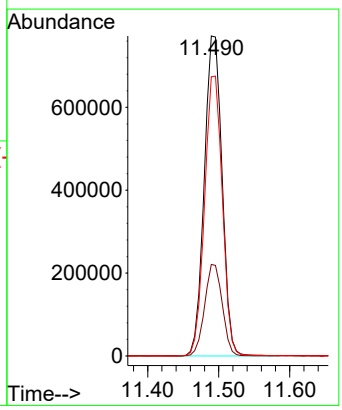


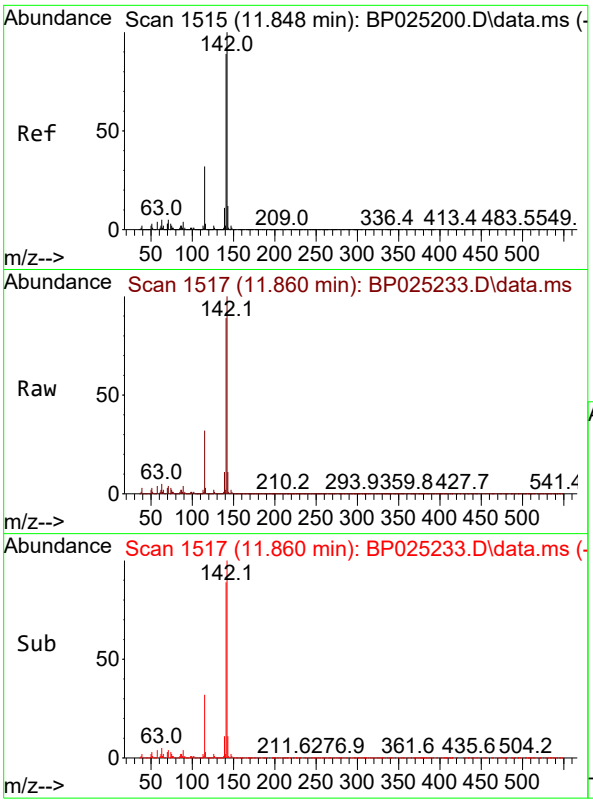




#36
4-Chloro-3-methylphenol
Concen: 41.636 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:107 Resp: 1351811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.6 | 22.5 | 33.7 |
| 142 | 87.2 | 70.6 | 105.8 |



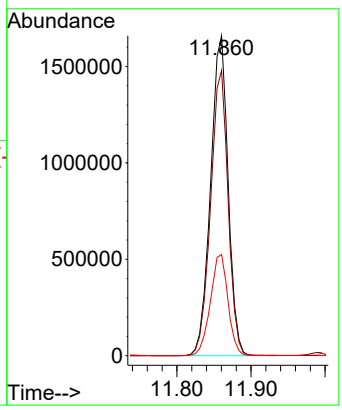


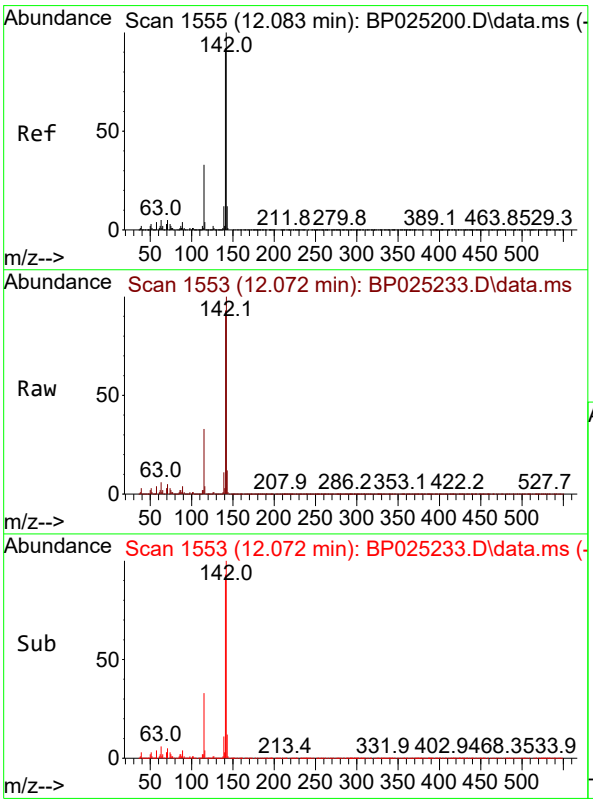

#37
2-Methylnaphthalene
Concen: 39.866 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 2717041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 71.2 | 106.8 |
| 115 | 31.7 | 25.3 | 37.9 |

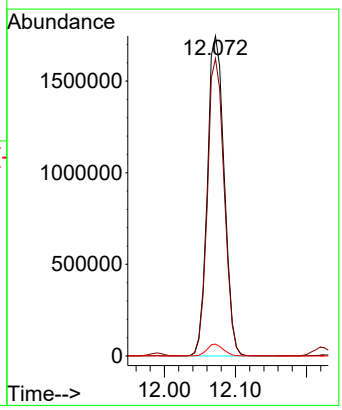


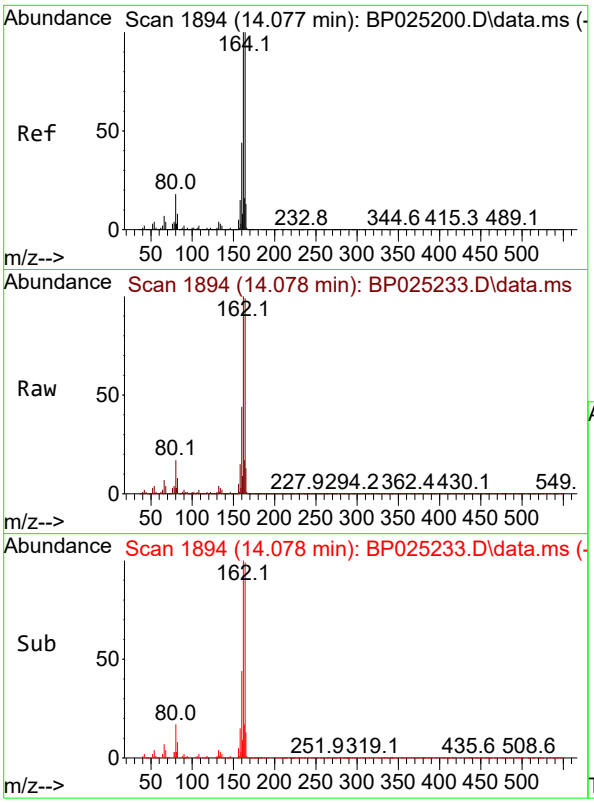




#38
1-Methylnaphthalene
Concen: 40.117 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:142 Resp: 2872029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.0 | 73.8 | 110.8 |
| 116 | 3.7 | 2.8 | 4.2 |



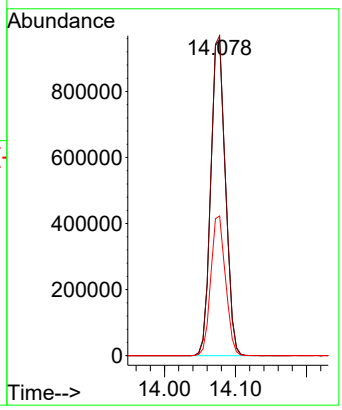


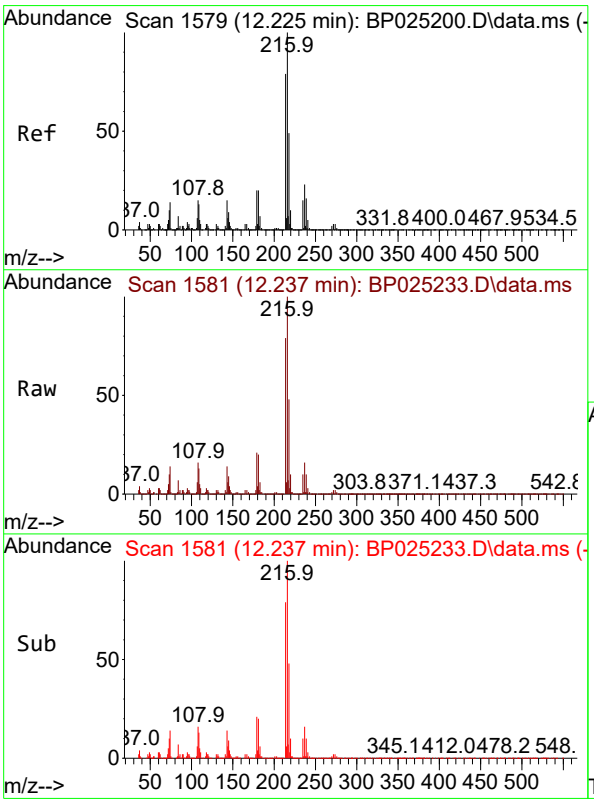

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:164 Resp: 1370558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 80.3 | 120.5 |
| 160 | 44.2 | 35.7 | 53.5 |

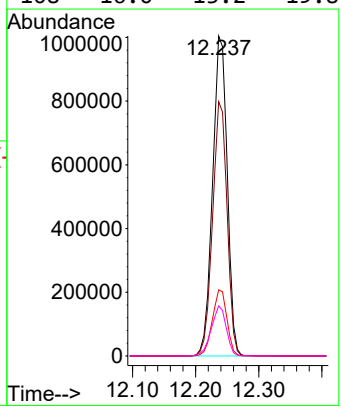


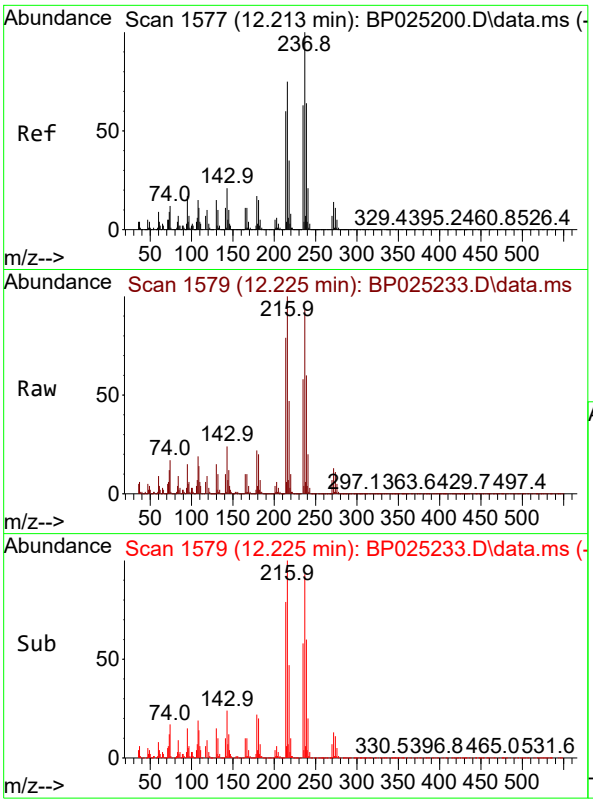




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:216 Resp: 1614608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.0 | 13.2 | 19.8 |



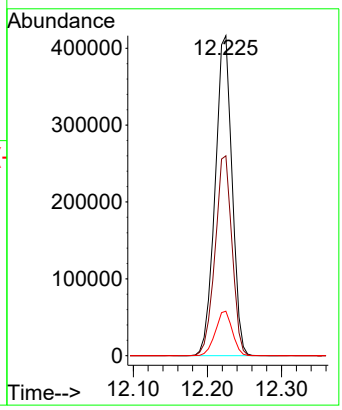


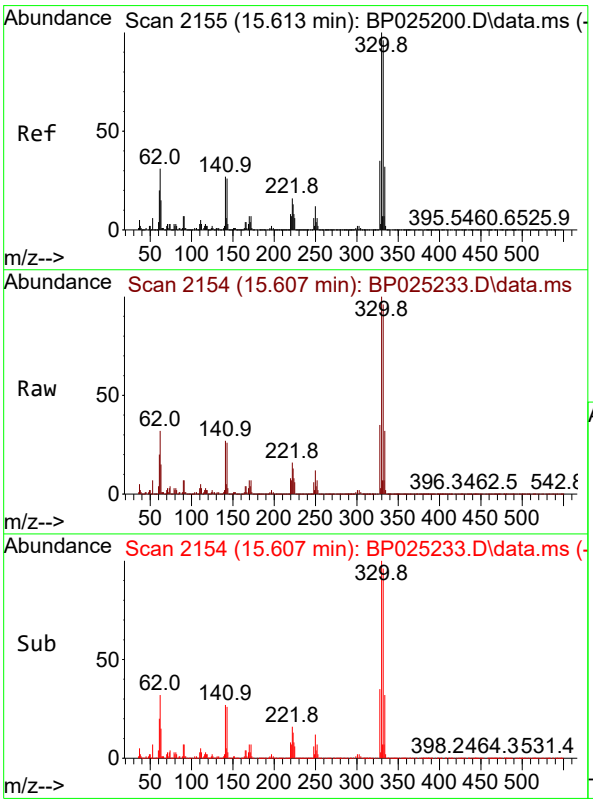

#41
Hexachlorocyclopentadiene
Concen: 26.882 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:237 Resp: 659255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 42.7 | 82.7 |
| 272 | 13.9 | 0.0 | 33.6 |

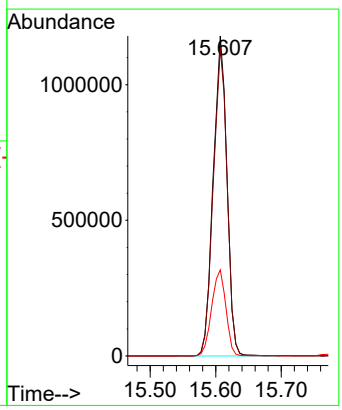


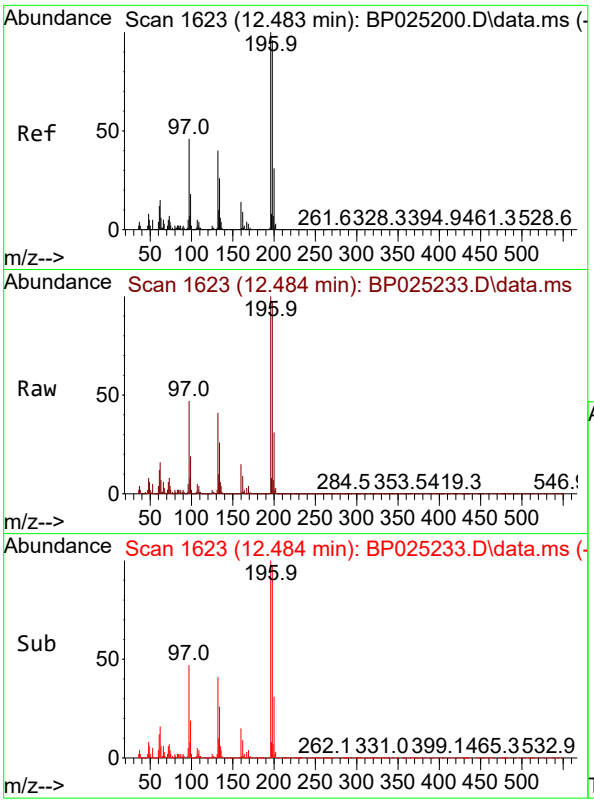




#42
2,4,6-Tribromophenol
Concen: 84.471 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:330 Resp: 1706747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.1 | 115.7 |
| 141 | 27.8 | 22.4 | 33.6 |



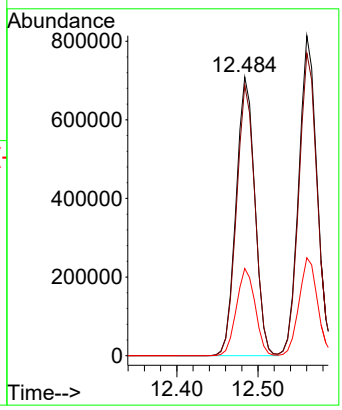


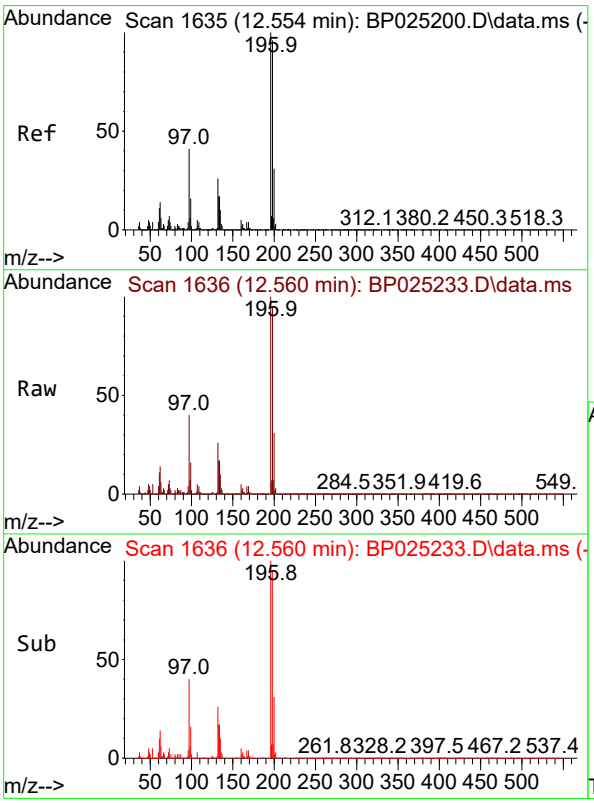

#43
2,4,6-Trichlorophenol
Concen: 40.487 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 1136475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.1 | 76.6 | 114.8 |
| 200 | 31.3 | 24.7 | 37.1 |

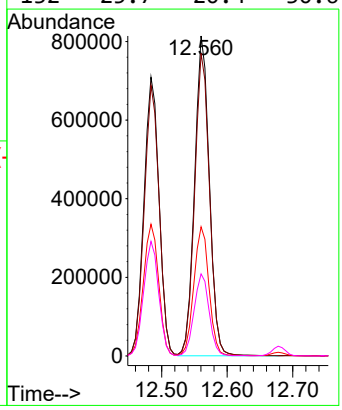


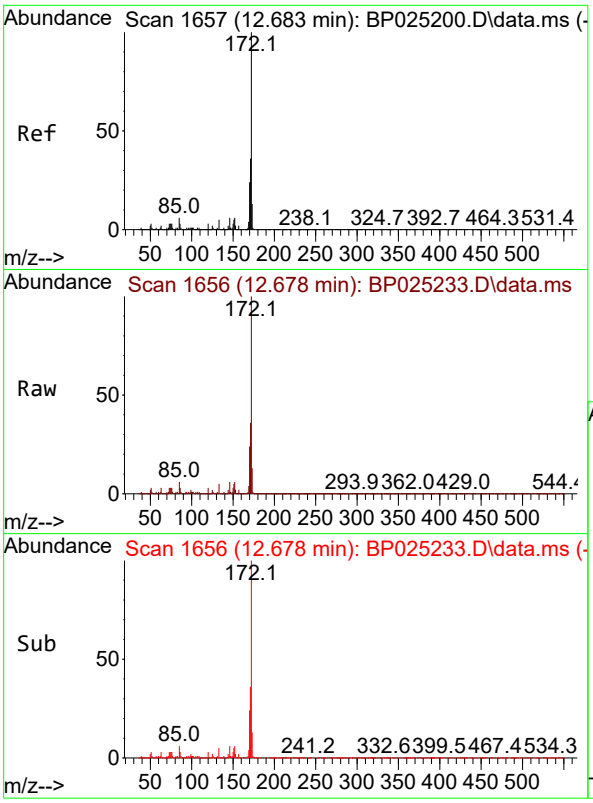




#44
2,4,5-Trichlorophenol
Concen: 41.417 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:196 Resp: 1279374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.6 | 76.7 | 115.1 |
| 97 | 40.4 | 33.0 | 49.4 |
| 132 | 25.7 | 20.4 | 30.6 |



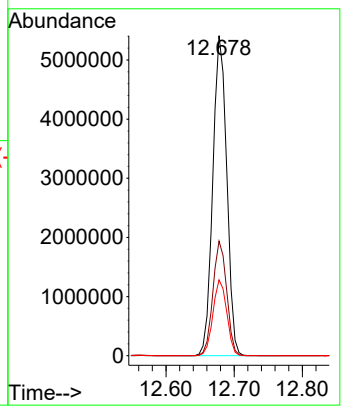


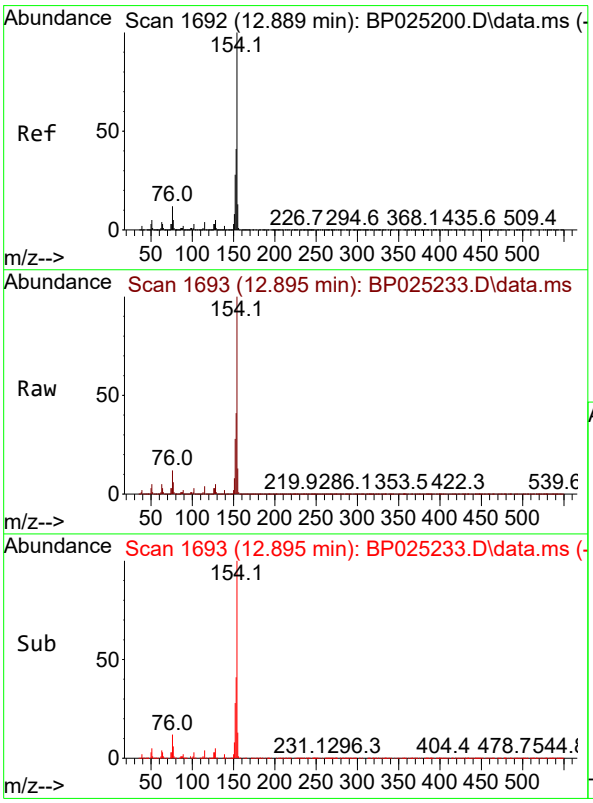

#45
2-Fluorobiphenyl
Concen: 79.162 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:172 Resp: 7695730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.8 | 43.2 |
| 170 | 23.7 | 19.2 | 28.8 |

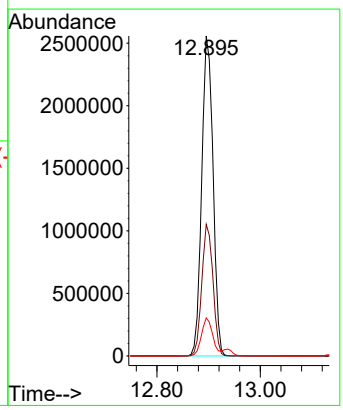


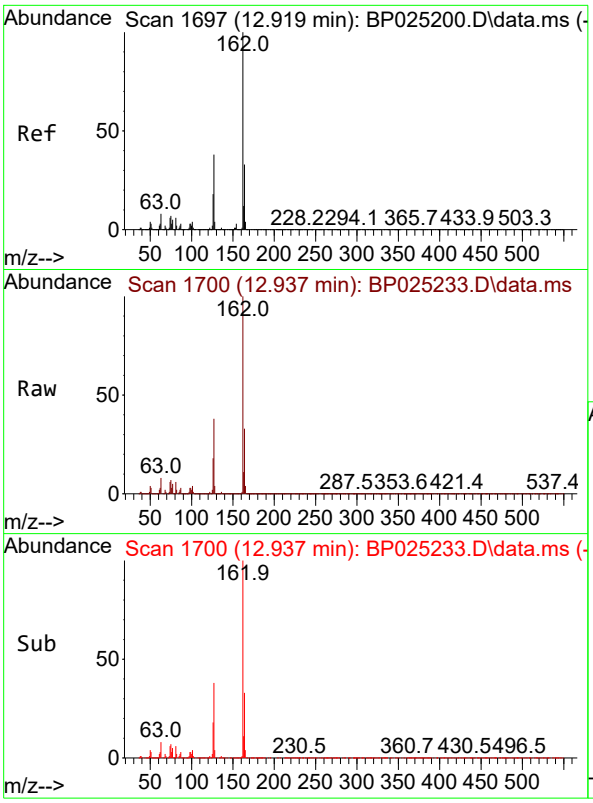




#46
1,1'-Biphenyl
Concen: 39.129 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:154 Resp: 3887696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |



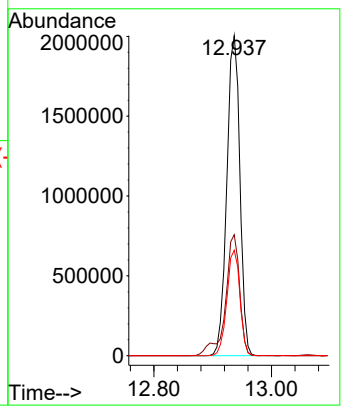


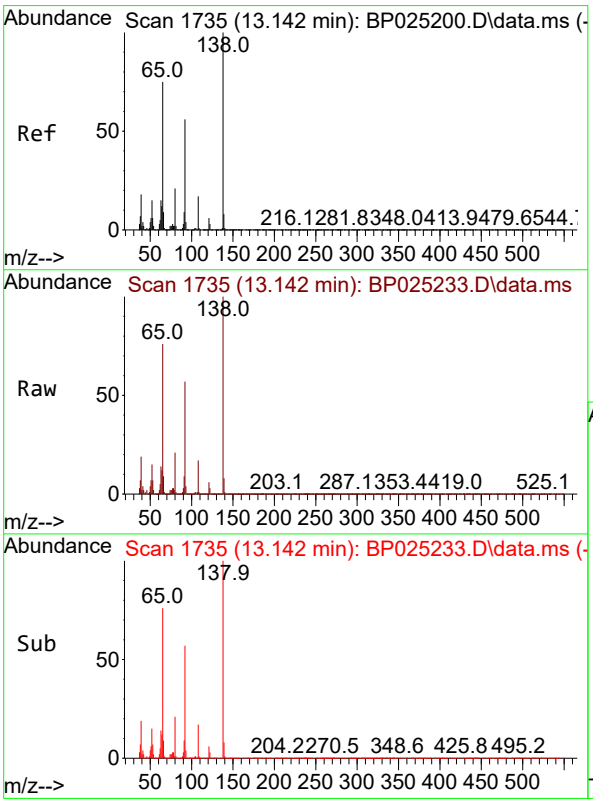

#47
2-Chloronaphthalene
Concen: 39.721 ng
RT: 12.937 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 3081144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.8 | 30.1 | 45.1 |
| 164 | 32.9 | 26.5 | 39.7 |

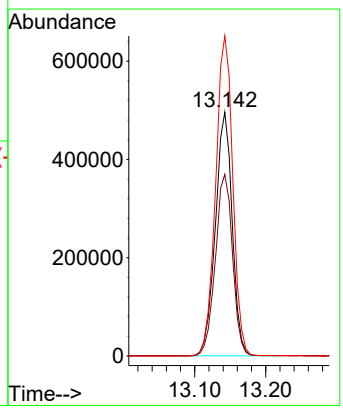


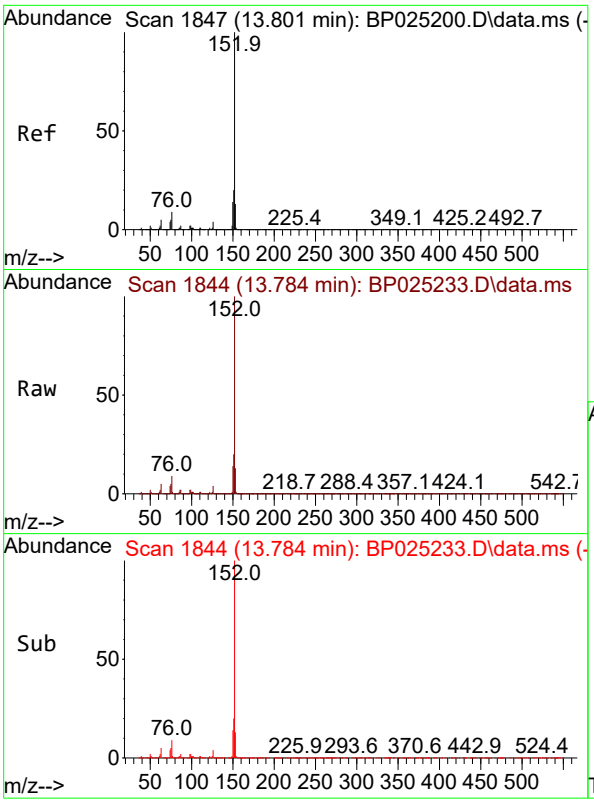




#48
2-Nitroaniline
Concen: 41.019 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion: 65 Resp: 812555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.5 | 59.9 | 89.9 |
| 138 | 131.3 | 107.1 | 160.7 |



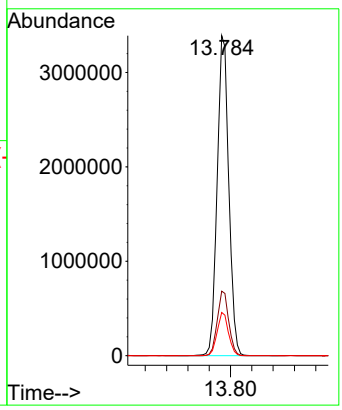


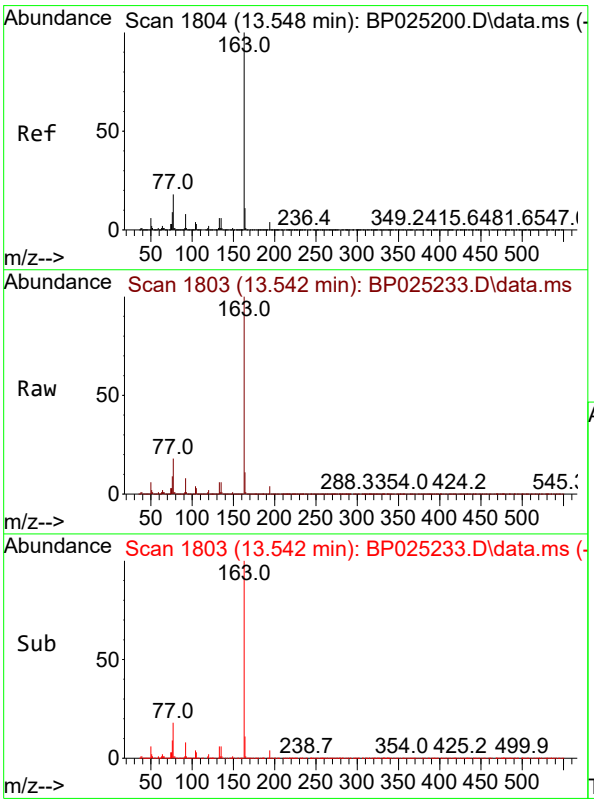

#49
Acenaphthylene
Concen: 40.650 ng
RT: 13.784 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 5100046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.5 | 10.6 | 15.8 |

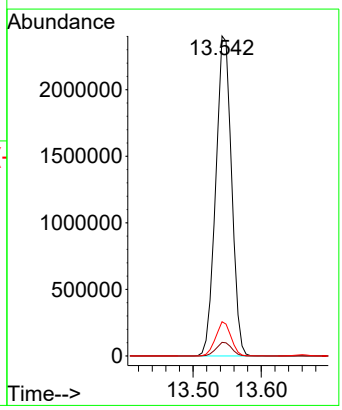


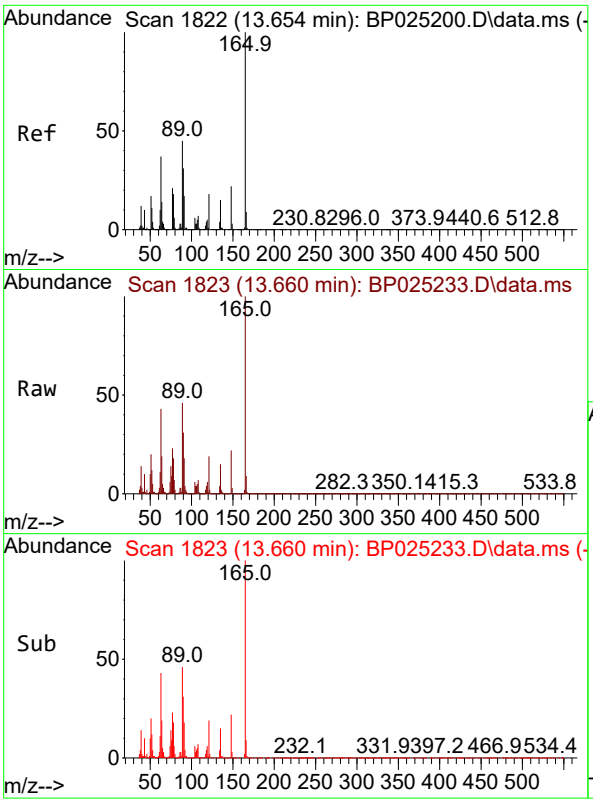




#50
Dimethylphthalate
Concen: 39.591 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:163 Resp: 3880581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.7 | 8.5 | 12.7 |



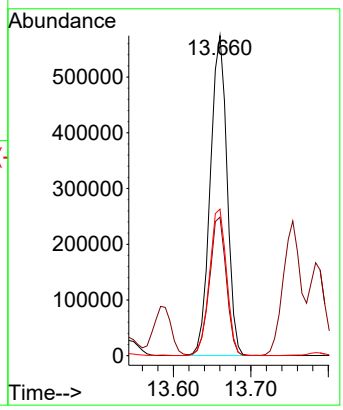


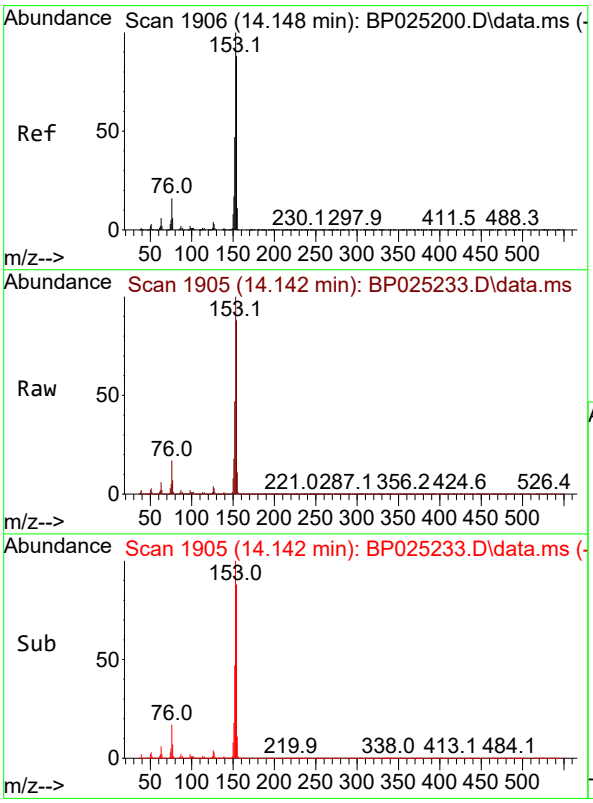

#51
2,6-Dinitrotoluene
Concen: 40.347 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 859297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.3 | 33.4 | 50.2 |
| 89 | 45.8 | 36.3 | 54.5 |

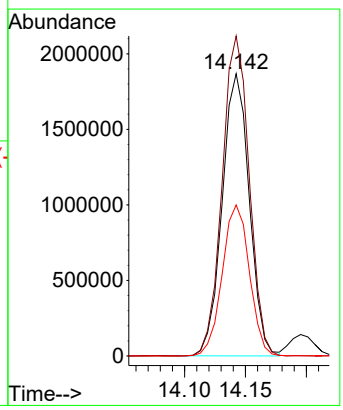


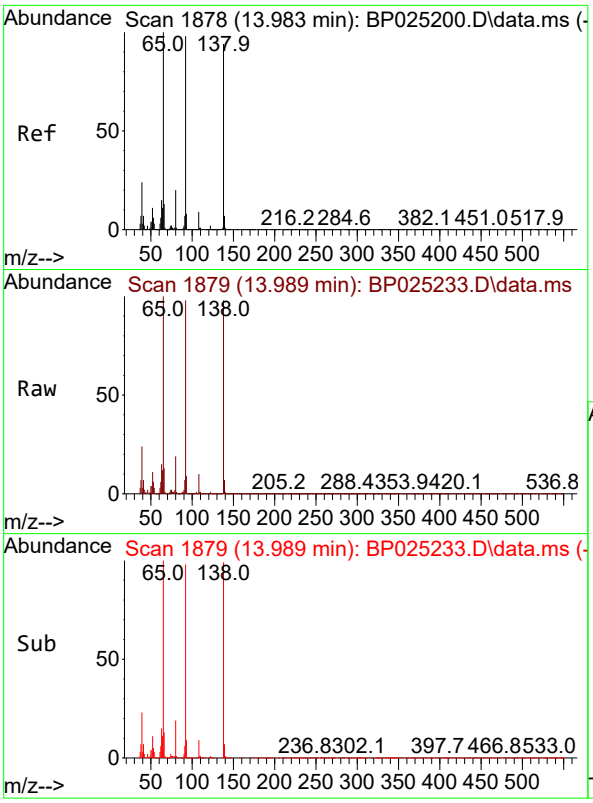




#52
Acenaphthene
Concen: 39.892 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:154 Resp: 2894112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.7 | 136.1 |
| 152 | 53.5 | 42.9 | 64.3 |



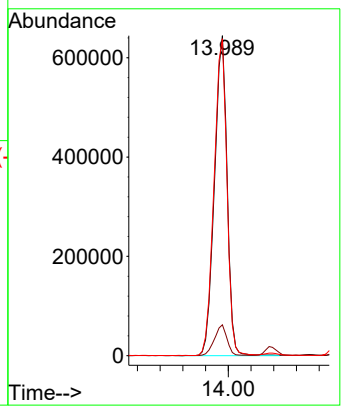


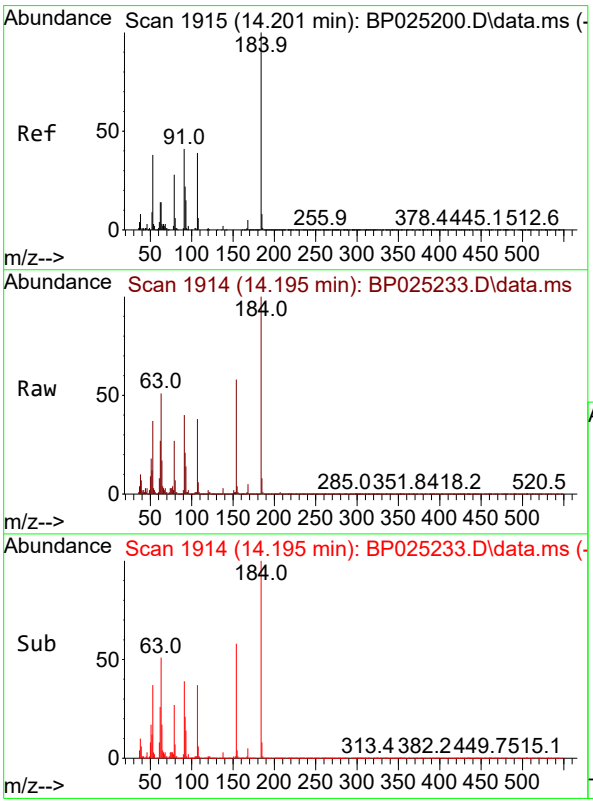

#53
3-Nitroaniline
Concen: 41.315 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 992269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 7.5 | 11.3 |
| 92 | 99.1 | 83.2 | 124.8 |

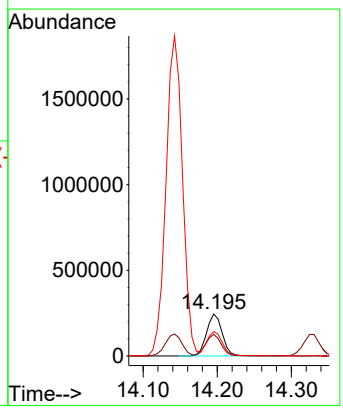


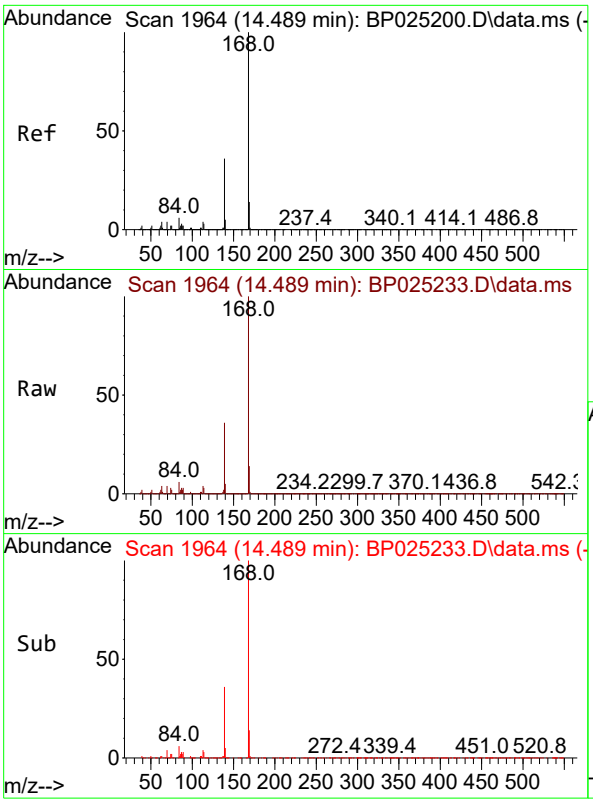




#54
2,4-Dinitrophenol
Concen: 28.461 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:184 Resp: 359141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.5 | 41.8 | 62.8 |
| 154 | 58.1 | 45.7 | 68.5 |



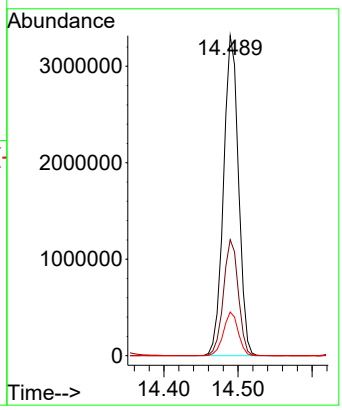


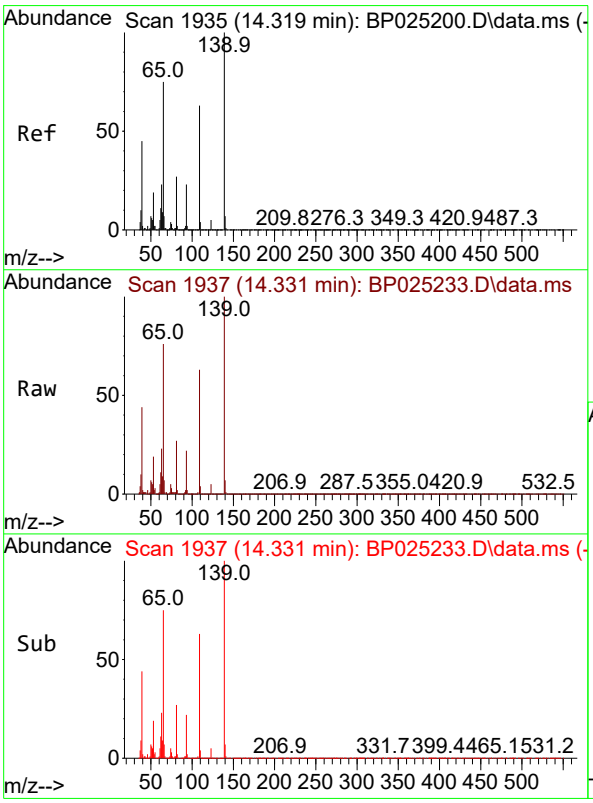

#55
Dibenzofuran
Concen: 39.729 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:168 Resp: 4655796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.2 | 28.7 | 43.1 |
| 169 | 13.7 | 10.9 | 16.3 |

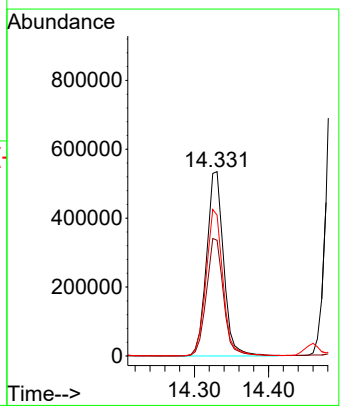


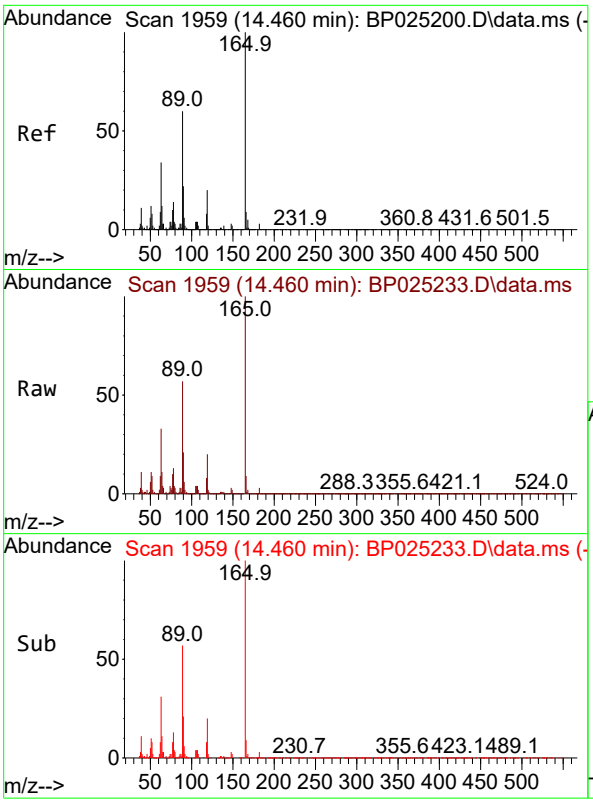




#56
4-Nitrophenol
Concen: 41.574 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:139 Resp: 854420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.8 | 42.6 | 82.6 |
| 65 | 76.4 | 55.4 | 95.4 |



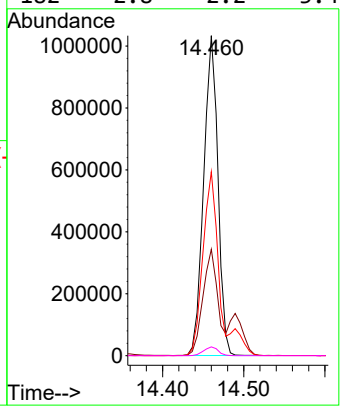


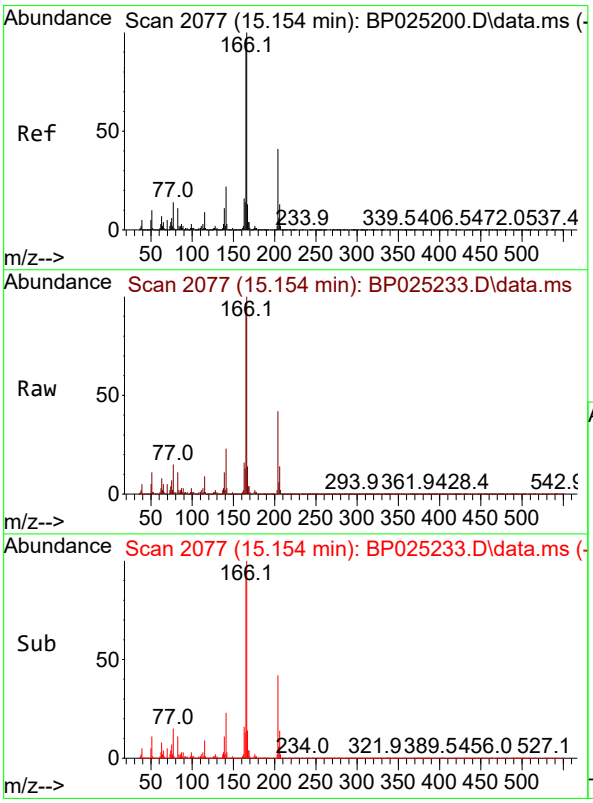

#57
2,4-Dinitrotoluene
Concen: 42.136 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 1256168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.2 | 27.0 | 40.4 |
| 89 | 57.4 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

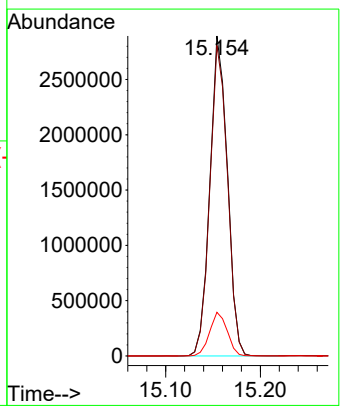


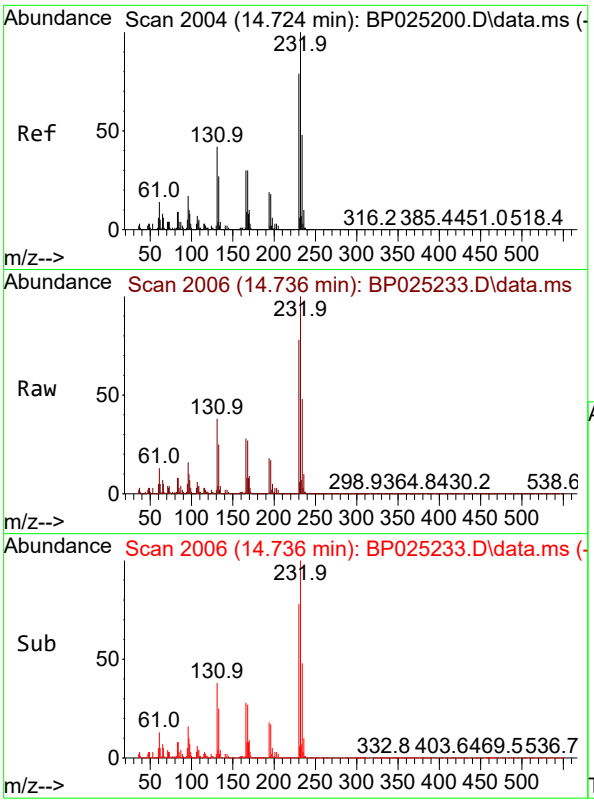




#58
Fluorene
Concen: 40.103 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:166 Resp: 3731050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



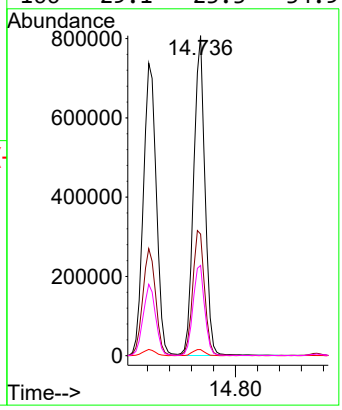


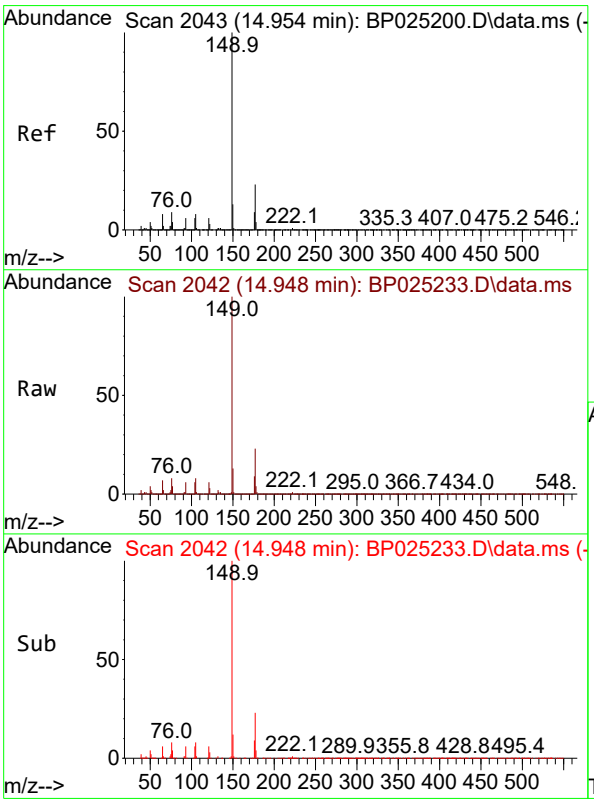

#59
2,3,4,6-Tetrachlorophenol
Concen: 42.216 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:232 Resp: 1154082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.8 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.1 | 23.3 | 34.9 |

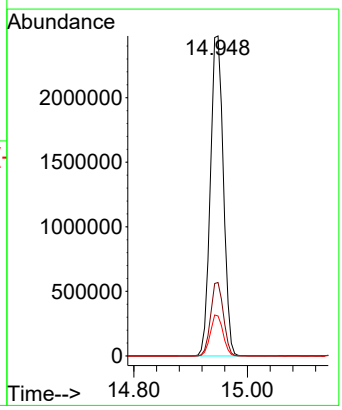


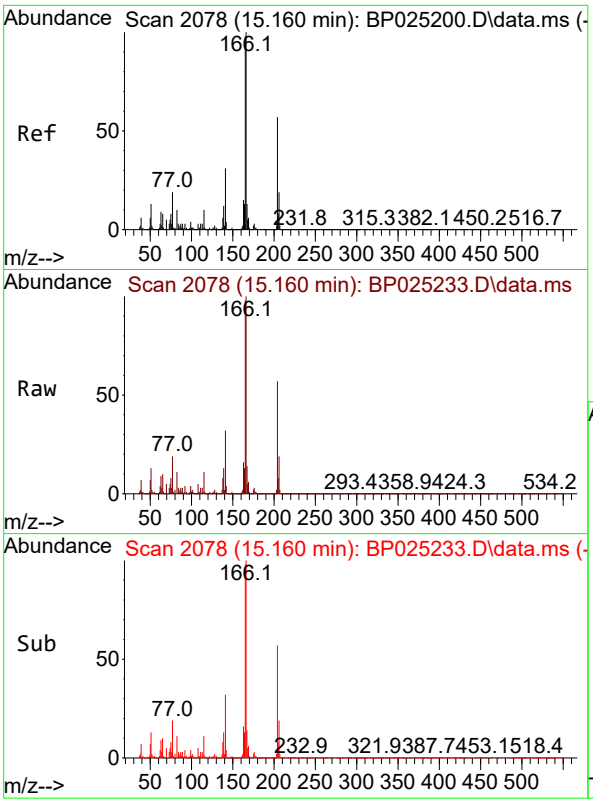




#60
Diethylphthalate
Concen: 40.436 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 3906414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.9 | 18.4 | 27.6 |
| 150 | 12.5 | 10.0 | 15.0 |



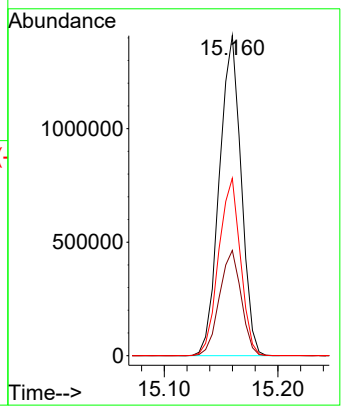


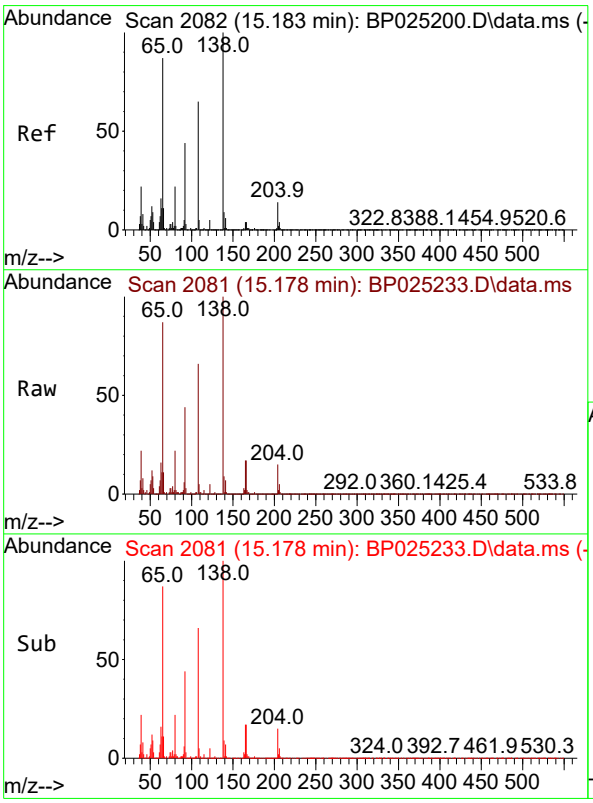

#61
4-Chlorophenyl-phenylether
Concen: 39.914 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 1876429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.3 | 39.5 |
| 141 | 55.4 | 43.0 | 64.6 |

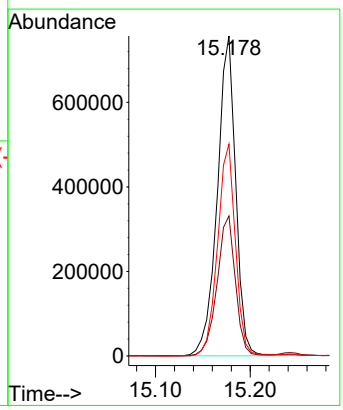


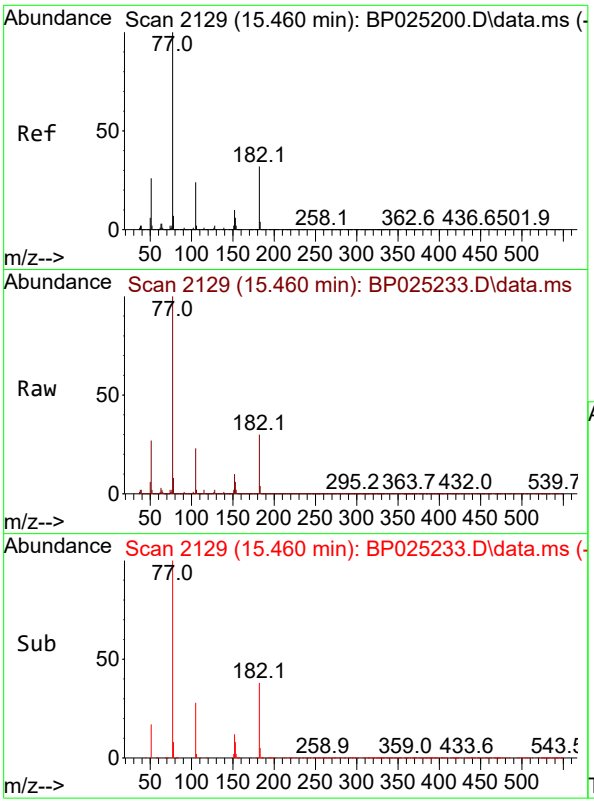




#62
4-Nitroaniline
Concen: 41.969 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:138 Resp: 1025103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 43.7 | 24.0 | 64.0 |
| 108 | 66.2 | 44.9 | 84.9 |



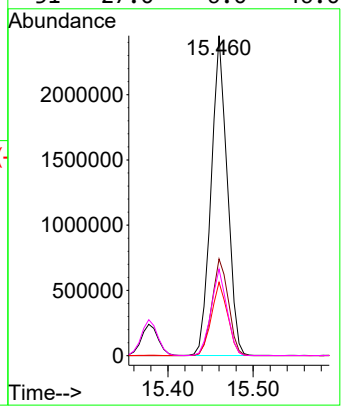


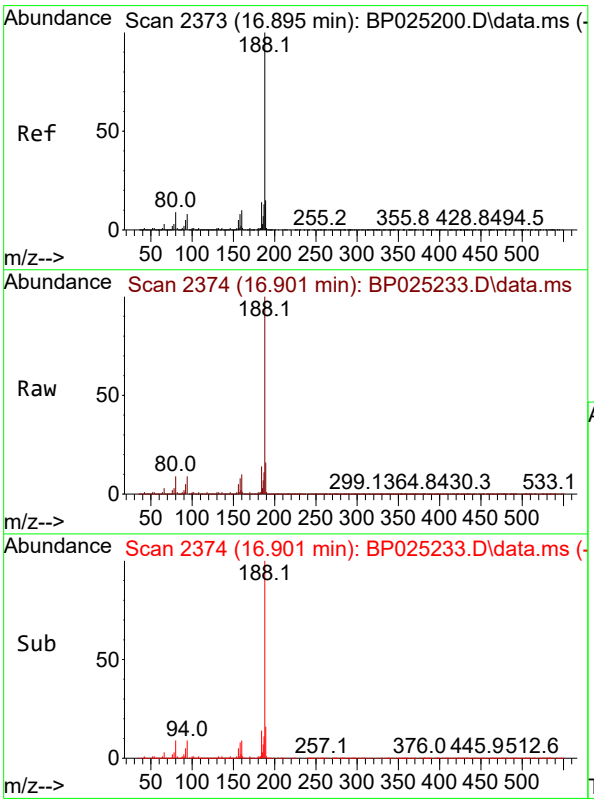

#63
Azobenzene
Concen: 40.936 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 3222733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.3 | 12.0 | 52.0 |
| 105 | 23.0 | 3.6 | 43.6 |
| 51 | 27.0 | 6.0 | 46.0 |

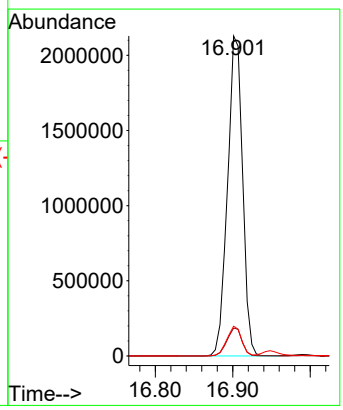


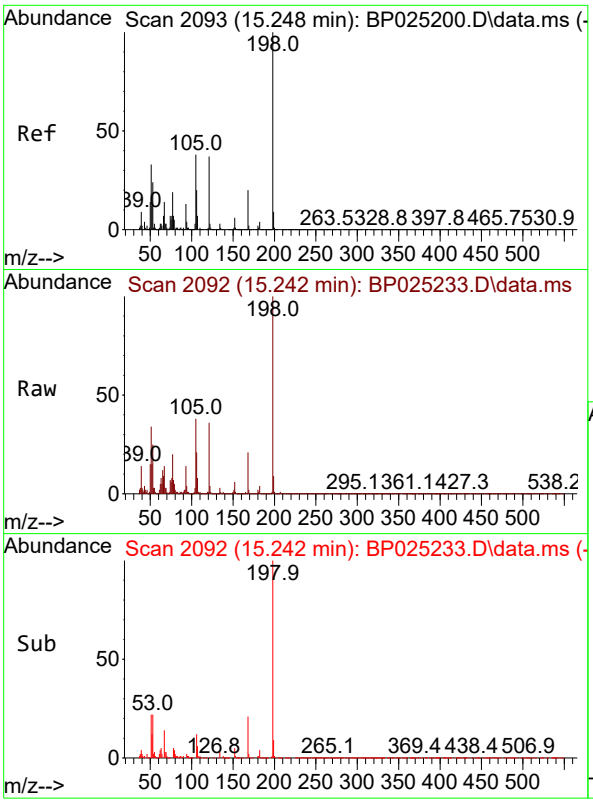




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:188 Resp: 2883559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |



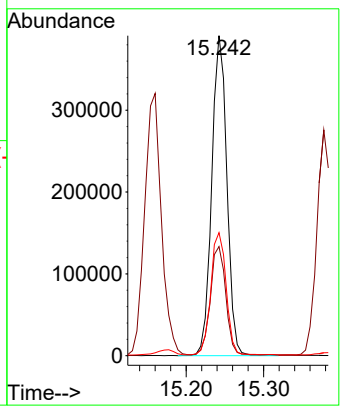


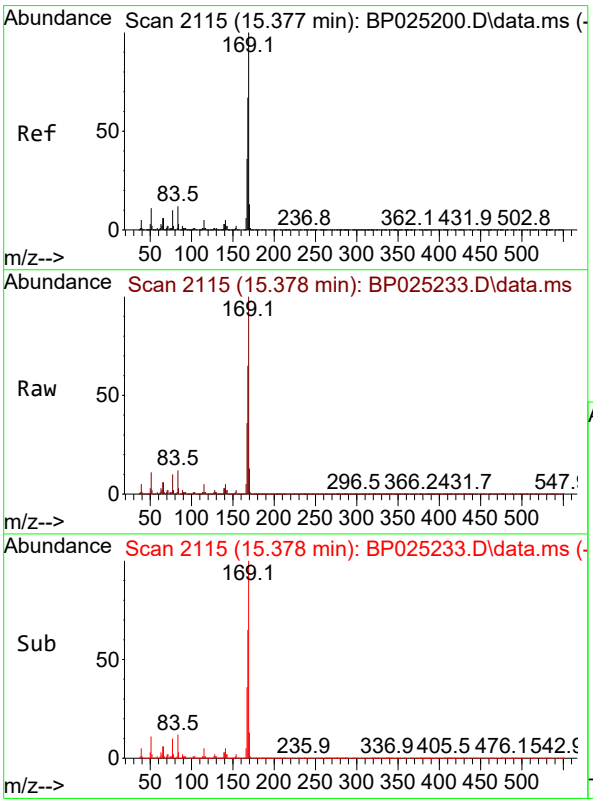

#65
4,6-Dinitro-2-methylphenol
Concen: 28.505 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 530459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.1 | 14.6 | 54.6 |
| 105 | 38.5 | 18.3 | 58.3 |

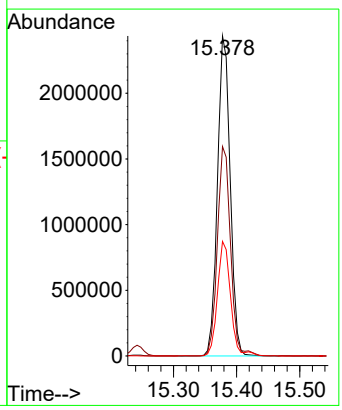


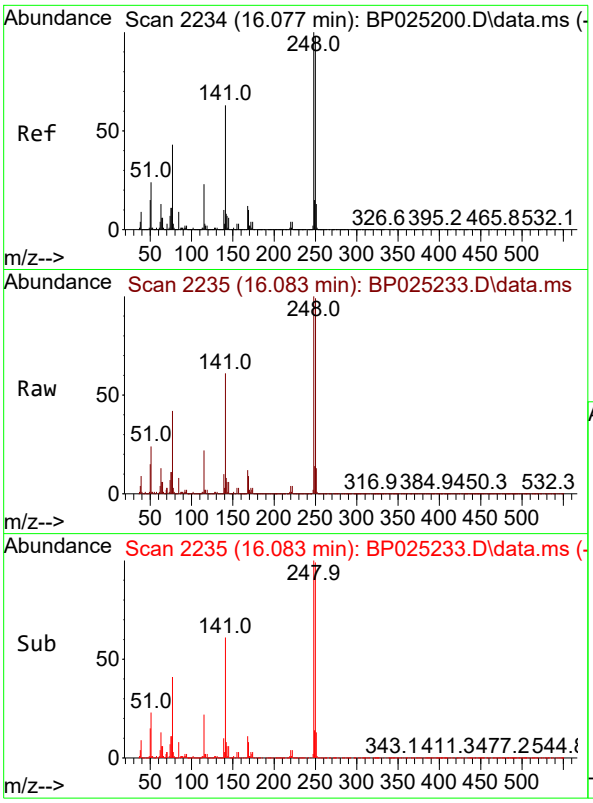




#66
n-Nitrosodiphenylamine
Concen: 38.963 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:169 Resp: 3410177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 53.7 | 80.5 |
| 167 | 35.8 | 29.0 | 43.6 |



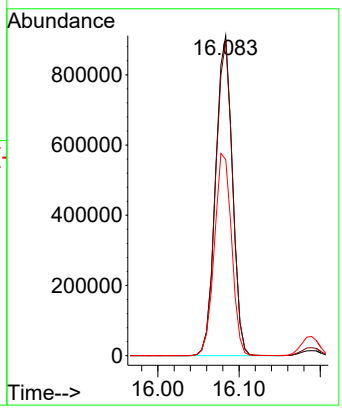


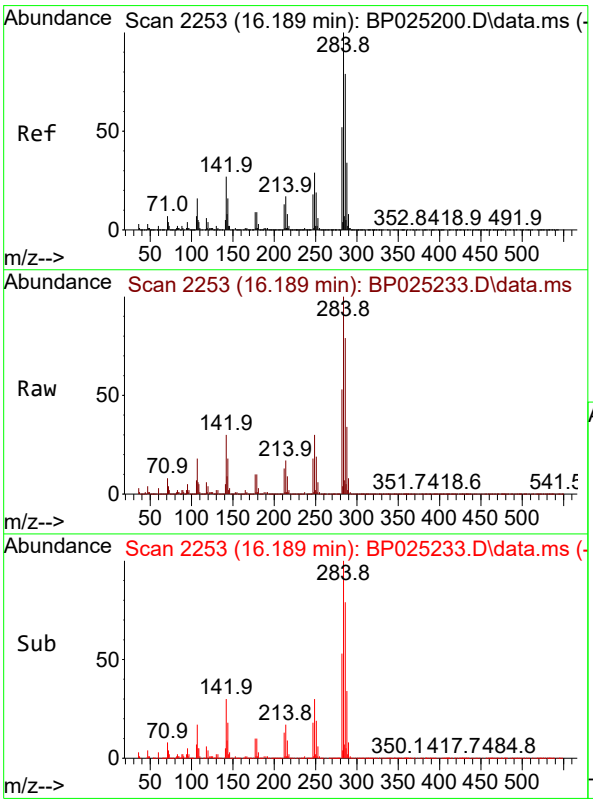

#67
4-Bromophenyl-phenylether
Concen: 39.056 ng
RT: 16.083 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:248 Resp: 1314338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.5 | 78.5 | 117.7 |
| 141 | 61.3 | 50.5 | 75.7 |

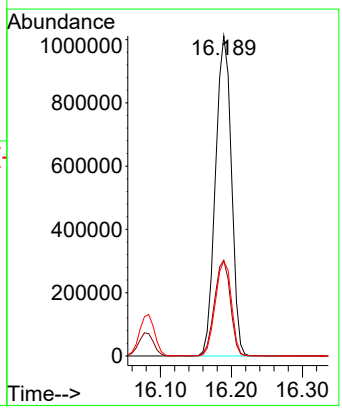


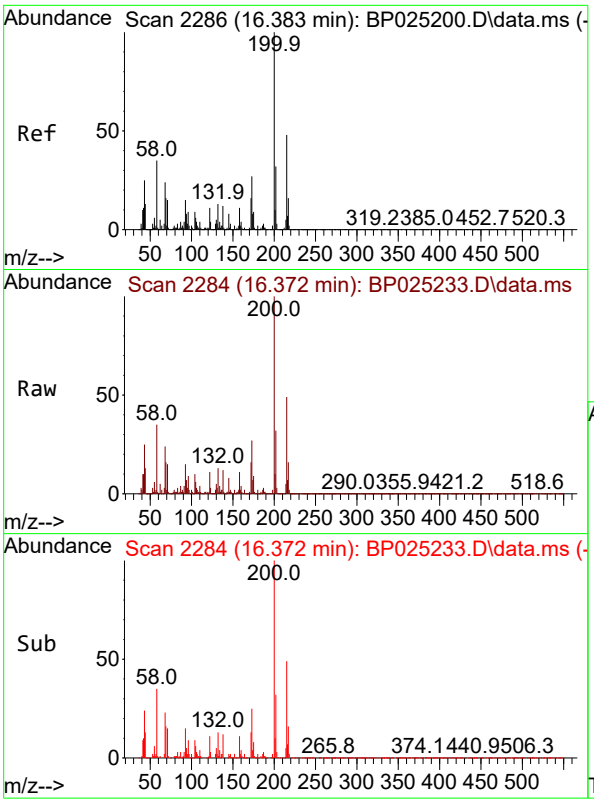




#68
Hexachlorobenzene
Concen: 39.216 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:284 Resp: 1567252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.0 | 21.5 | 32.3 |
| 249 | 29.6 | 23.4 | 35.0 |



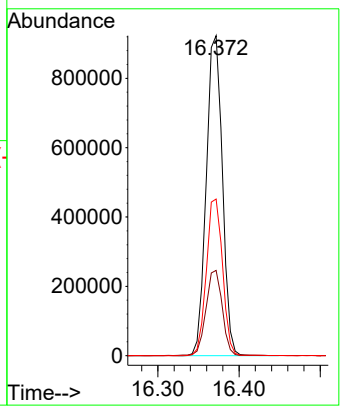


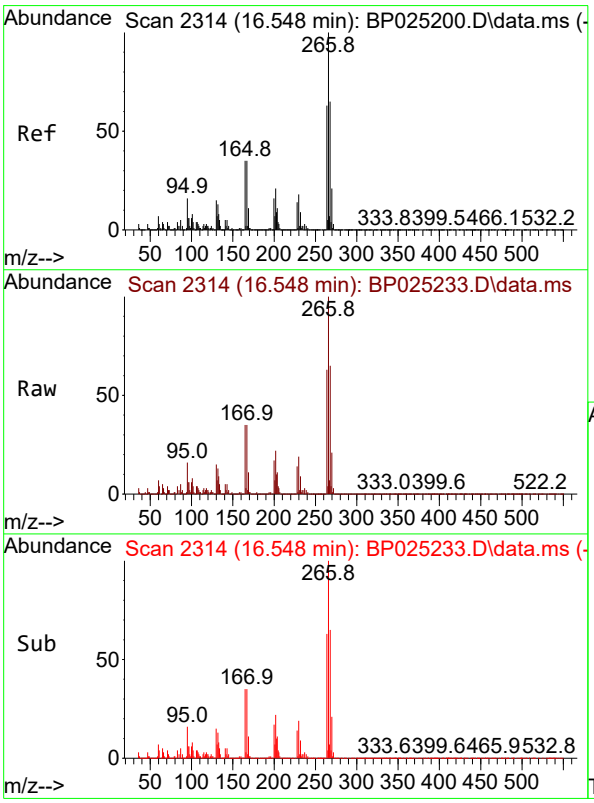

#69
Atrazine
Concen: 39.181 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:200 Resp: 1268958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.6 | 7.4 | 47.4 |
| 215 | 49.0 | 28.5 | 68.5 |

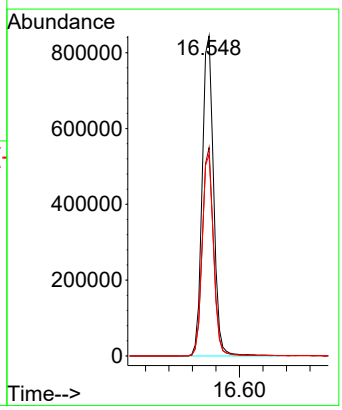


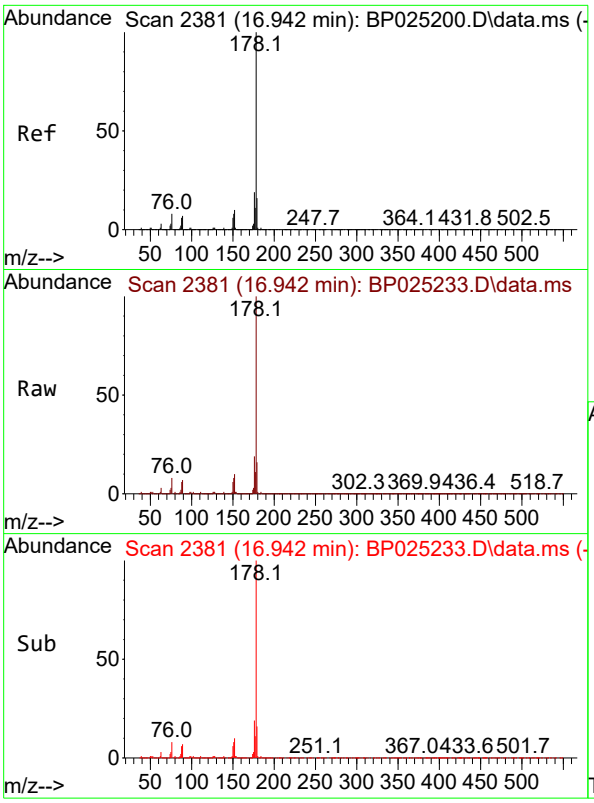




#70
Pentachlorophenol
Concen: 41.595 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:266 Resp: 1130406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.1 | 51.8 | 77.6 |
| 264 | 62.9 | 50.3 | 75.5 |



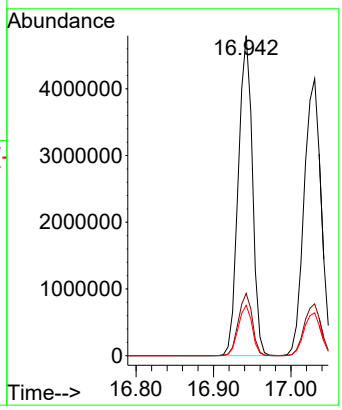


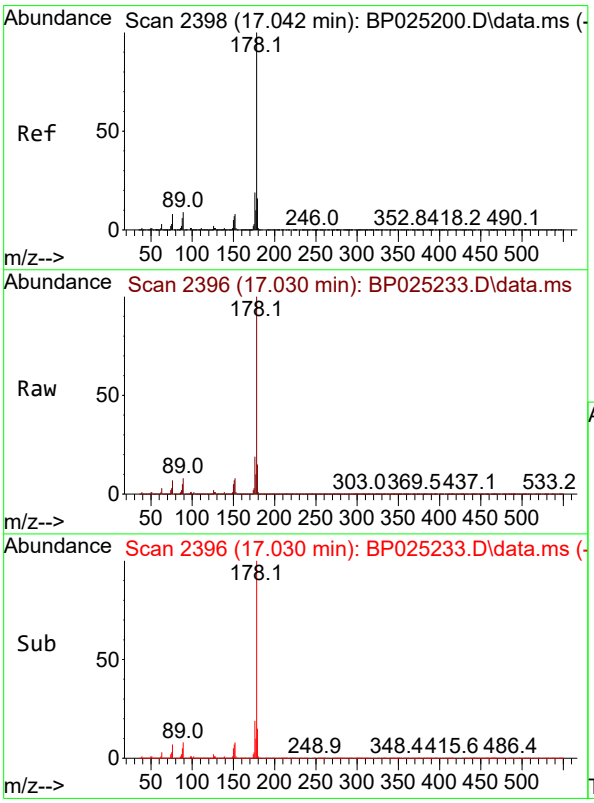

#71
Phenanthrene
Concen: 38.944 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 6056777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |

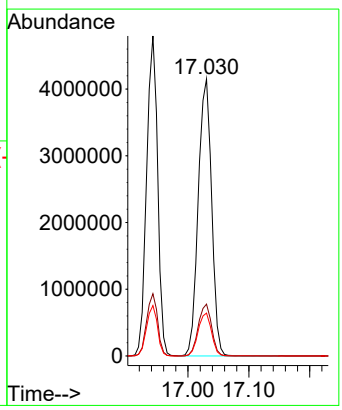


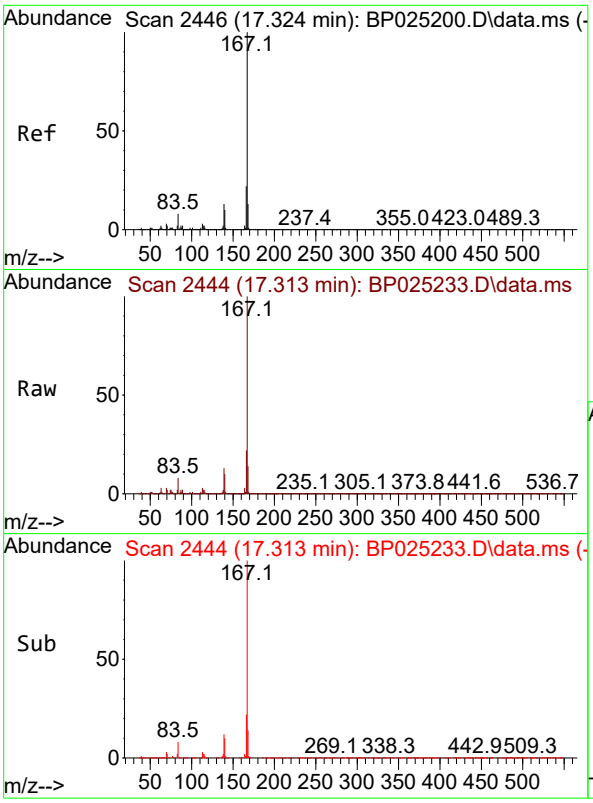




#72
Anthracene
Concen: 40.390 ng
RT: 17.030 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:178 Resp: 6328083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



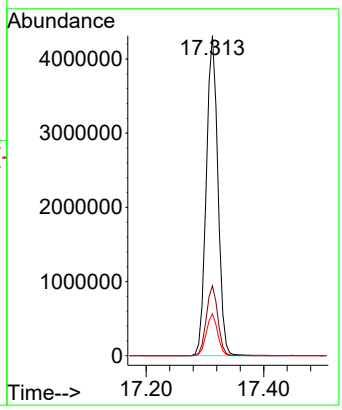


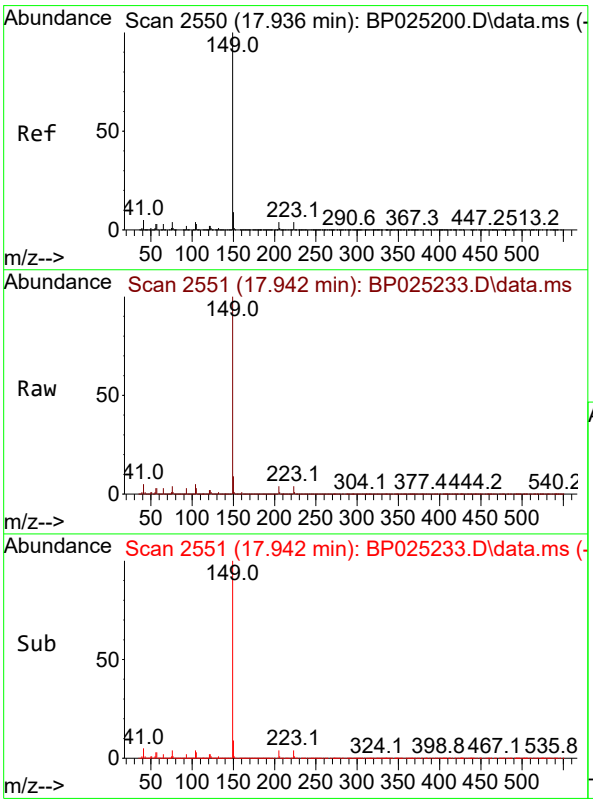

#73
Carbazole
Concen: 39.575 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:167 Resp: 5919022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.3 | 25.9 |
| 139 | 13.1 | 10.1 | 15.1 |

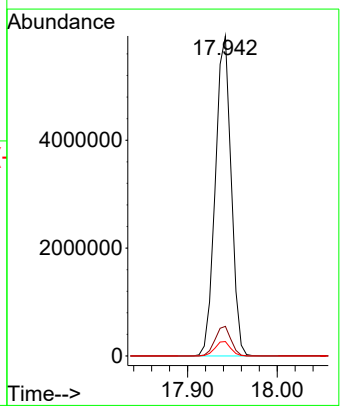


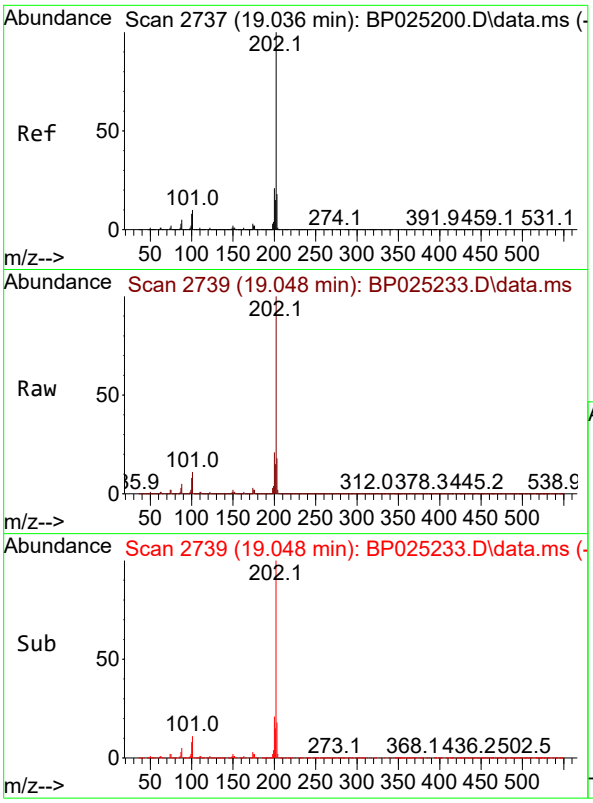




#74
Di-n-butylphthalate
Concen: 42.030 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 7253259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.6 | 11.4 |
| 104 | 4.5 | 3.5 | 5.3 |



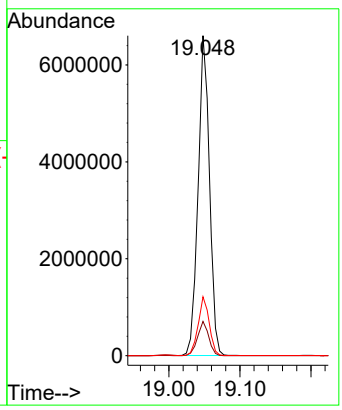


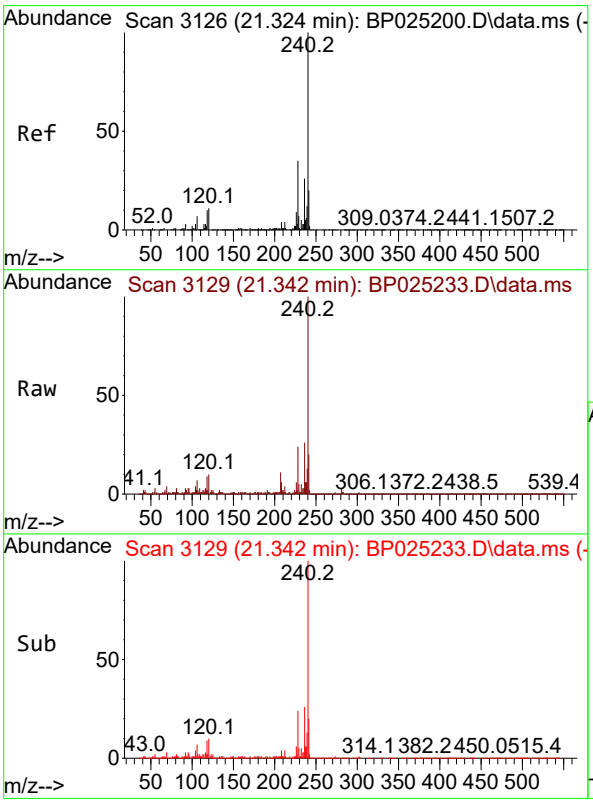

#75
Fluoranthene
Concen: 40.243 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 7366038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 30.3 |
| 203 | 18.4 | 0.0 | 38.0 |

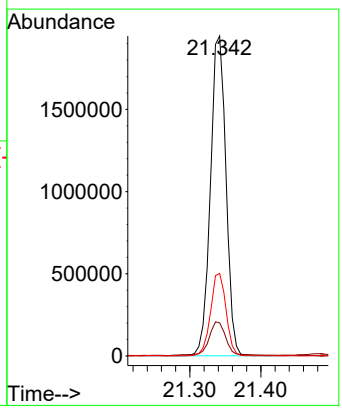


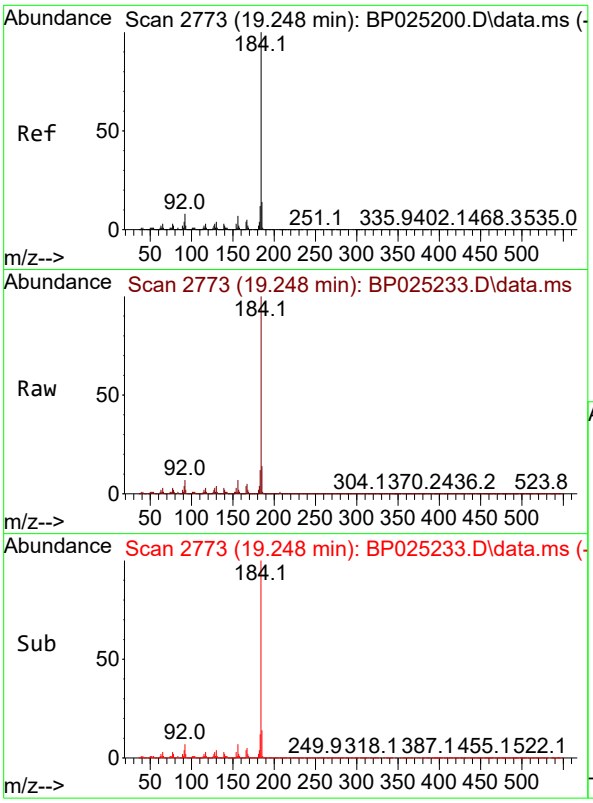




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:240 Resp: 2956396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



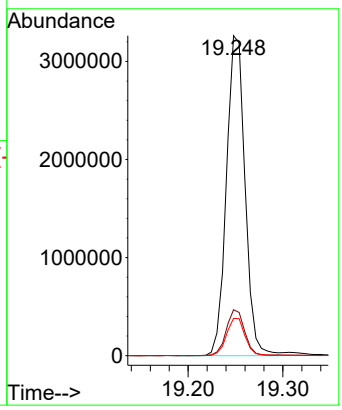


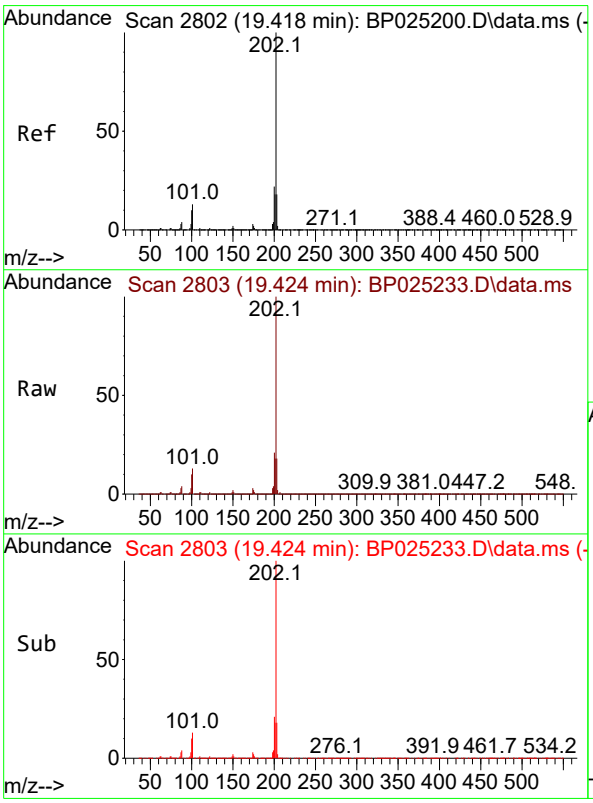

#77
Benzidine
Concen: 42.911 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 4453862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.5 | 17.3 |
| 183 | 11.7 | 9.6 | 14.4 |

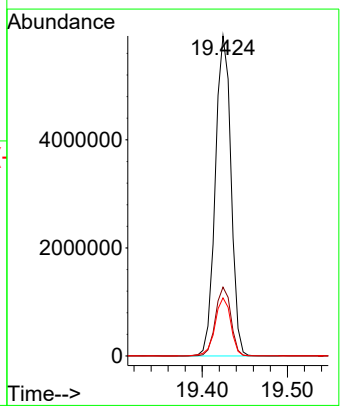


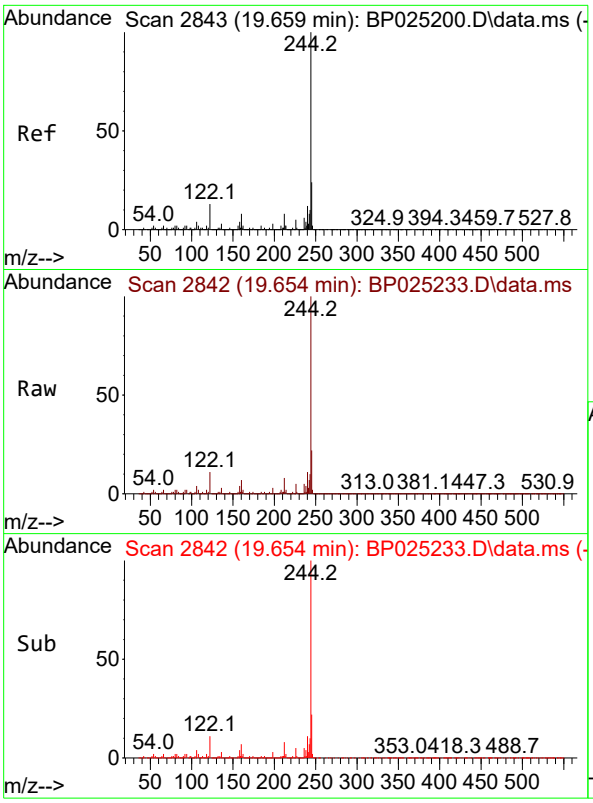




#78
Pyrene
Concen: 41.466 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:202 Resp: 7558775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.4 | 26.2 |
| 203 | 18.1 | 14.3 | 21.5 |



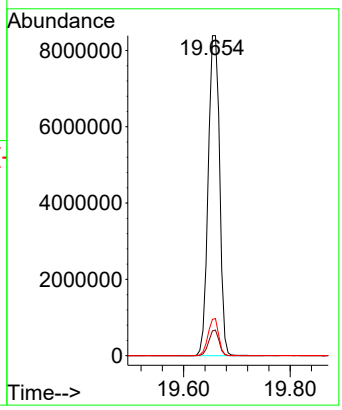


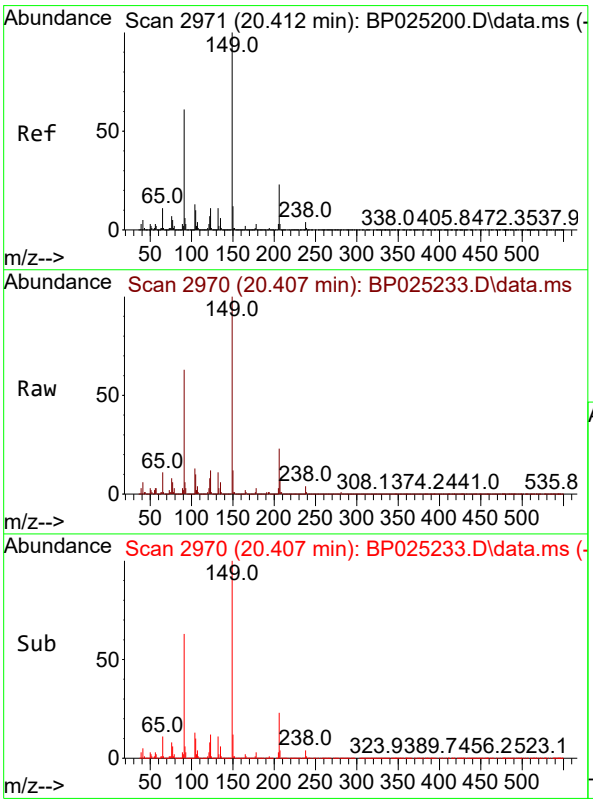

#79
Terphenyl-d14
Concen: 82.843 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:244 Resp:12406923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.6 | 9.8 |
| 122 | 11.4 | 10.3 | 15.5 |

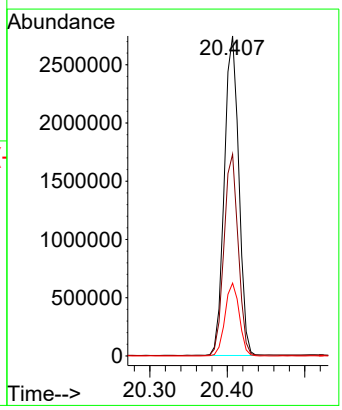


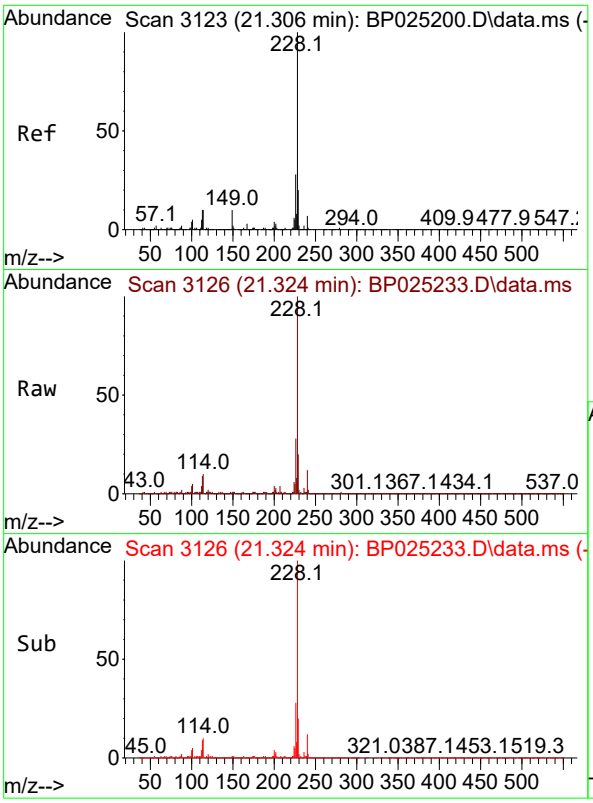




#80
Butylbenzylphthalate
Concen: 43.234 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 3567496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.1 | 48.8 | 73.2 |
| 206 | 22.7 | 18.4 | 27.6 |



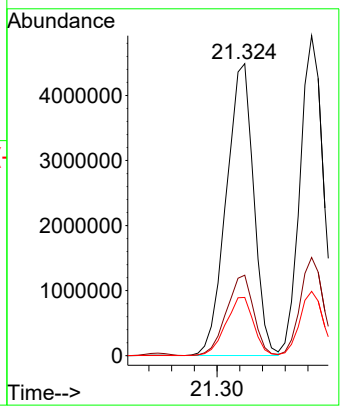


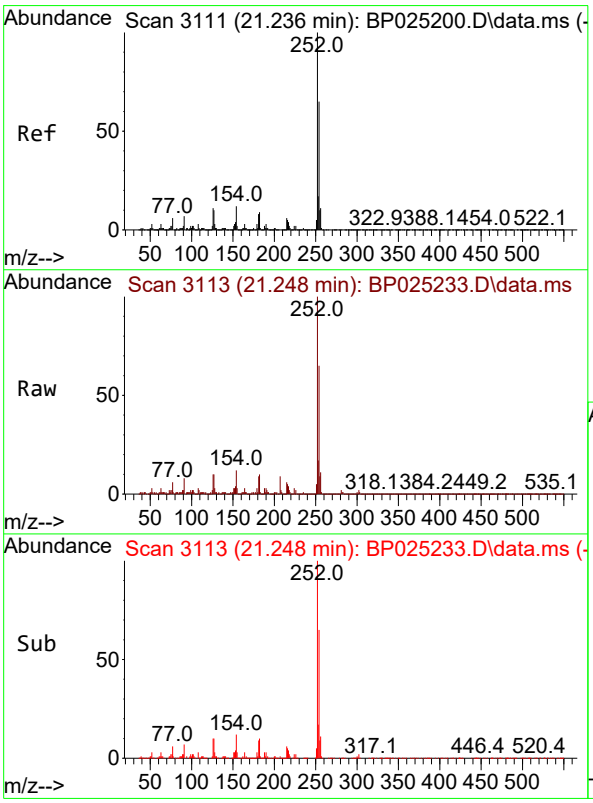

#81
Benzo(a)anthracene
Concen: 40.325 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 7528594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.3 | 33.5 |
| 229 | 20.0 | 16.2 | 24.2 |

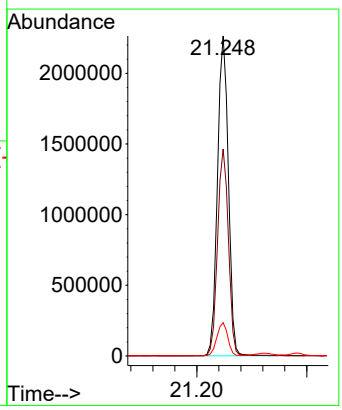


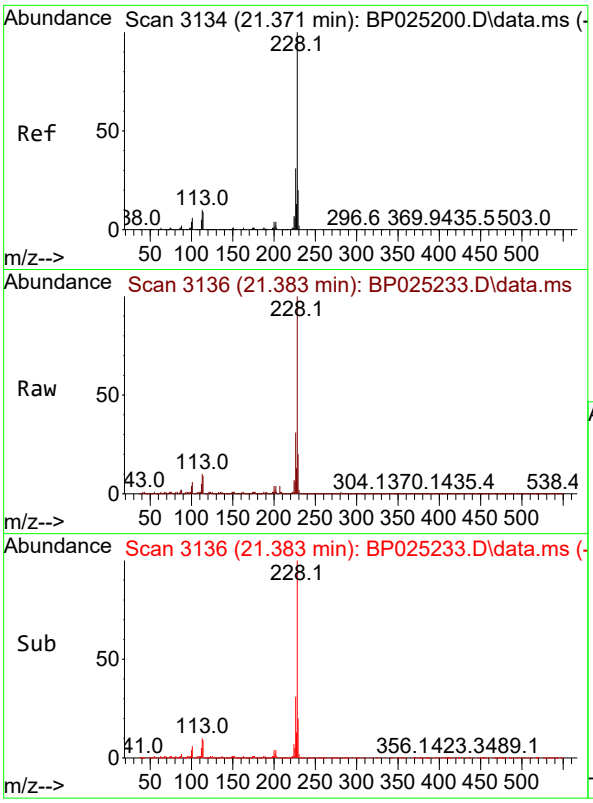




#82
3,3'-Dichlorobenzidine
Concen: 40.249 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 3114856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 52.1 | 78.1 |
| 126 | 10.4 | 8.6 | 12.8 |



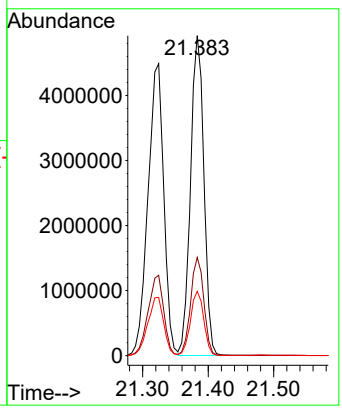


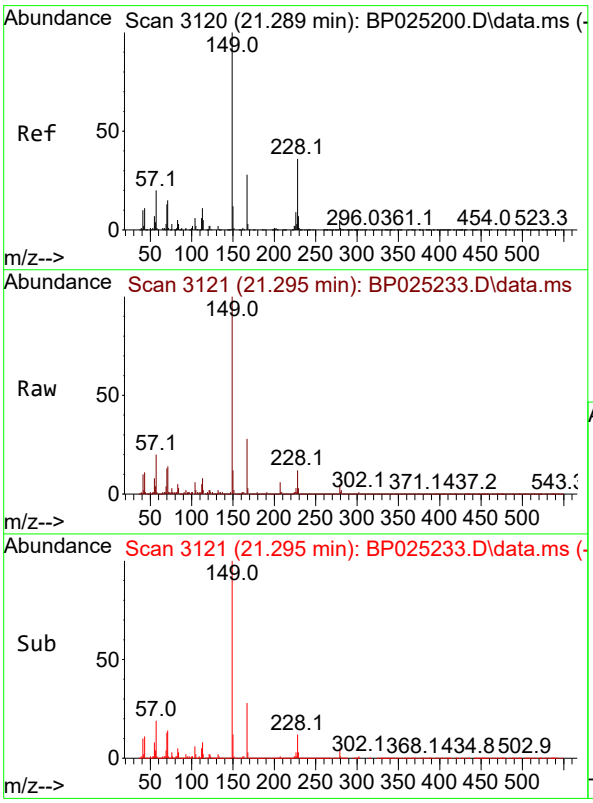

#83
Chrysene
Concen: 40.000 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 6971303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.6 | 37.0 |
| 229 | 20.1 | 16.0 | 24.0 |

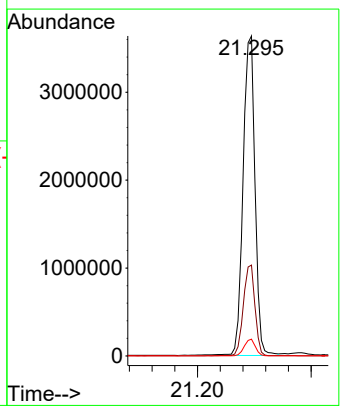


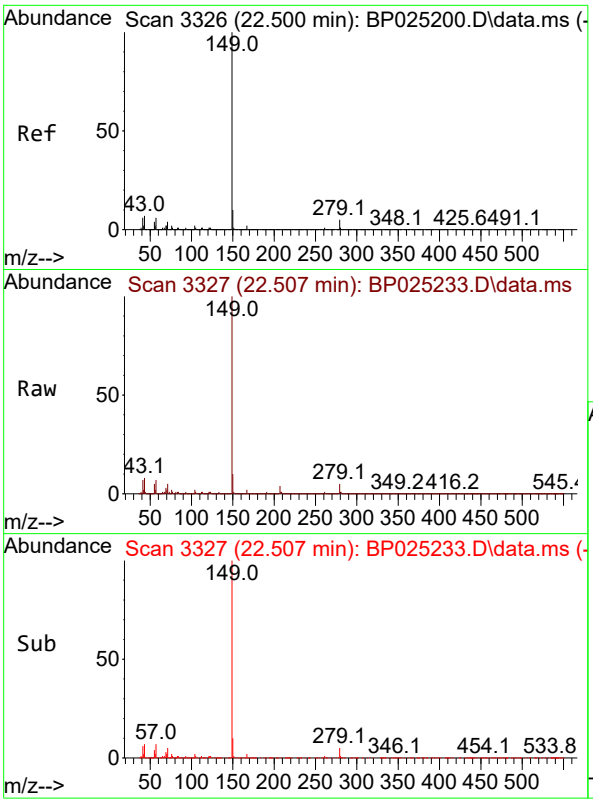




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.592 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:149 Resp: 5261242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.6 | 34.0 |
| 279 | 5.2 | 4.0 | 6.0 |



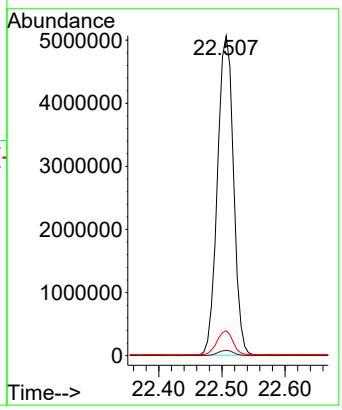


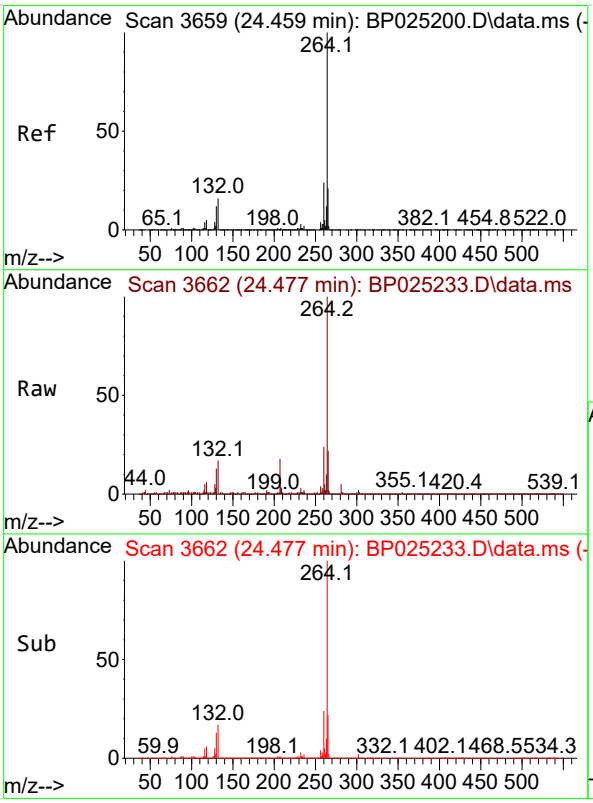

#85
Di-n-octyl phthalate
Concen: 43.938 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 8952122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

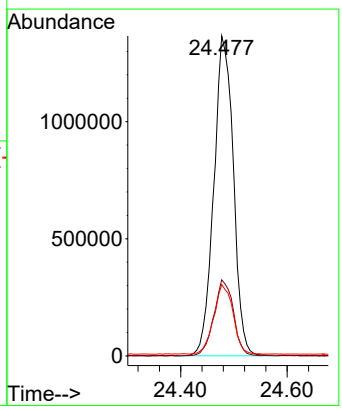


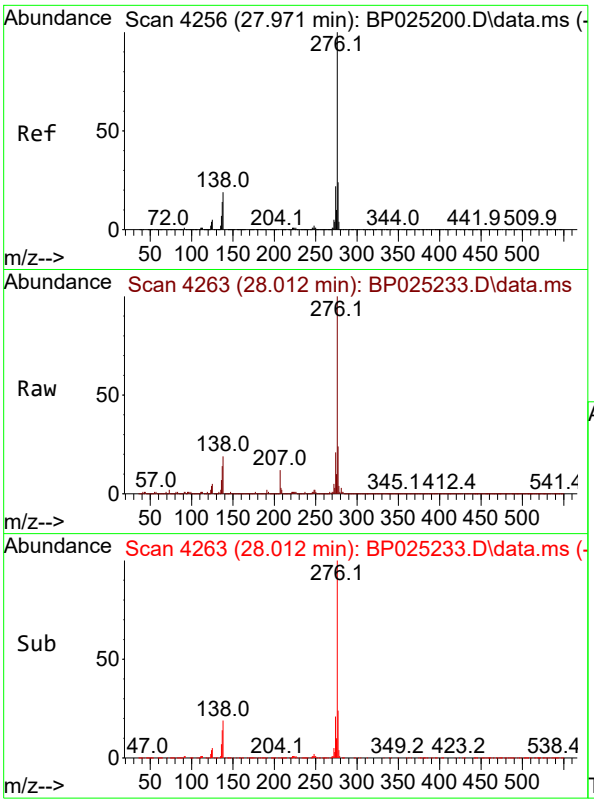




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3662
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:264 Resp: 3473449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.6 |
| 265 | 22.3 | 17.5 | 26.3 |



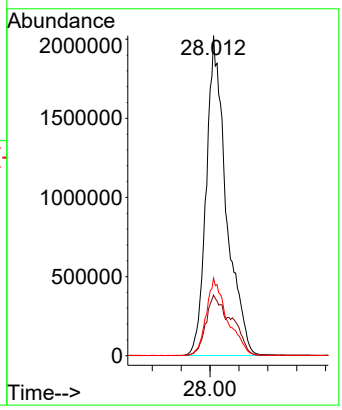


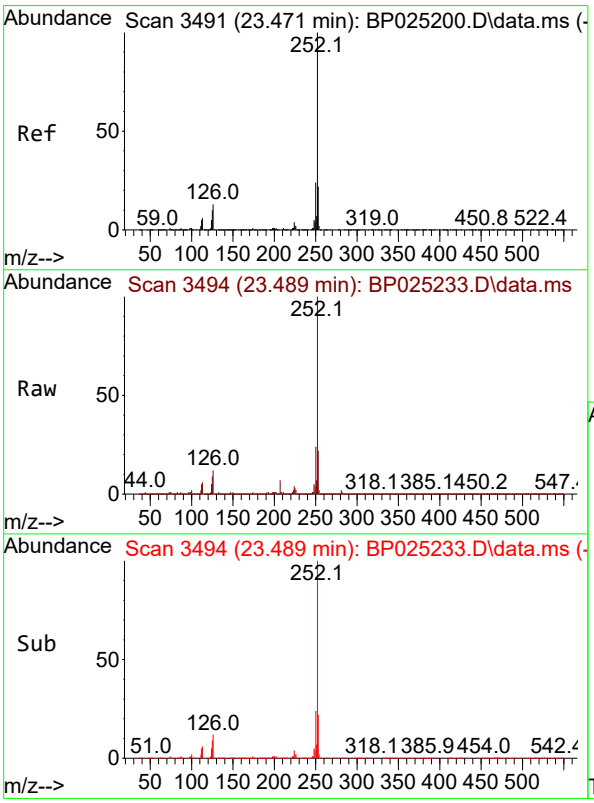

#87
Indeno(1,2,3-cd)pyrene
Concen: 38.306 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 9723383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.7 | 12.8 | 19.2 |
| 277 | 25.4 | 20.3 | 30.5 |

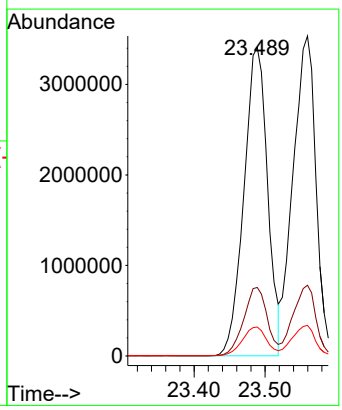


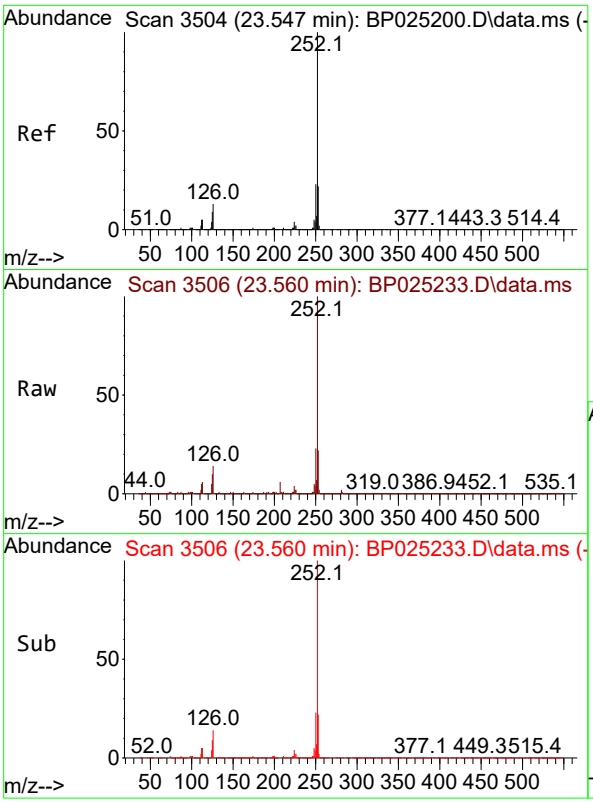




#88
Benzo(b)fluoranthene
Concen: 39.633 ng
RT: 23.489 min Scan# 3494
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 7879892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 9.4 | 7.8 | 11.8 |



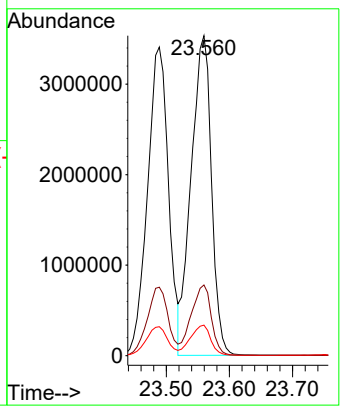


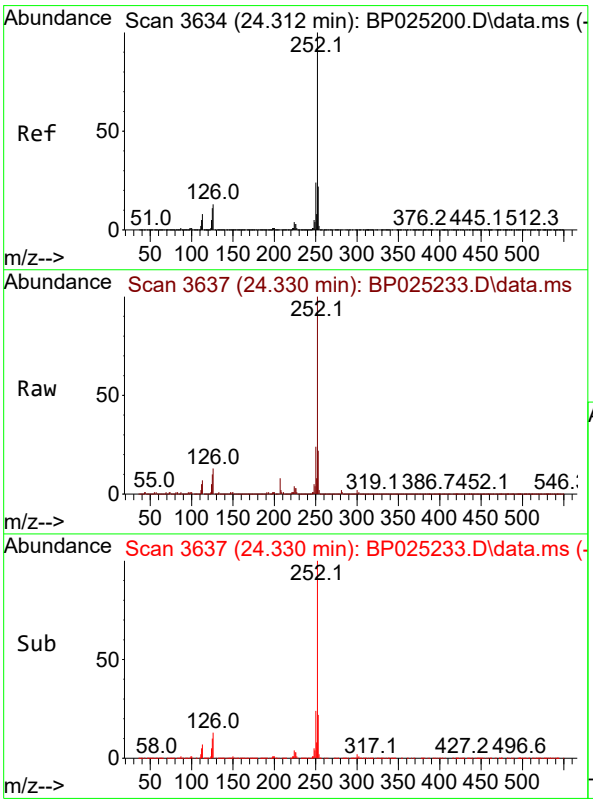

#89
Benzo(k)fluoranthene
Concen: 40.134 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 7877583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 9.6 | 7.5 | 11.3 |

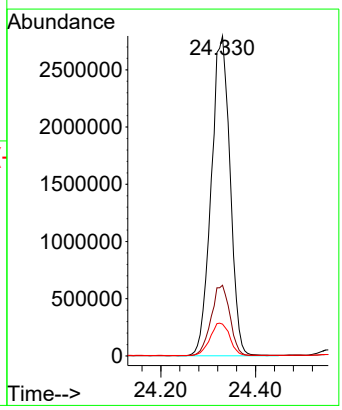


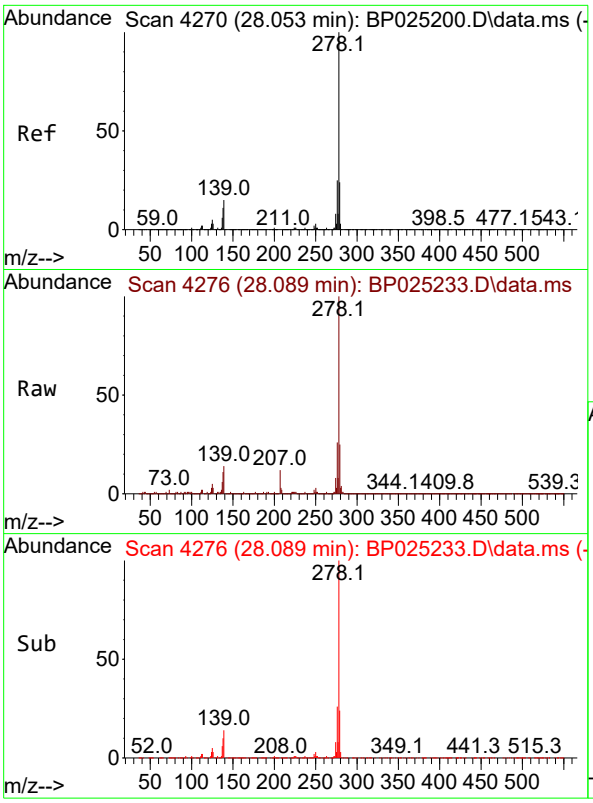




#90
Benzo(a)pyrene
Concen: 39.694 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:252 Resp: 7700098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.0 | 8.6 | 12.8 |



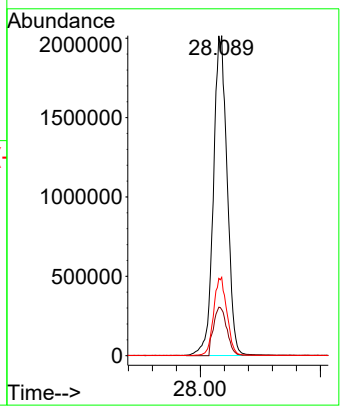


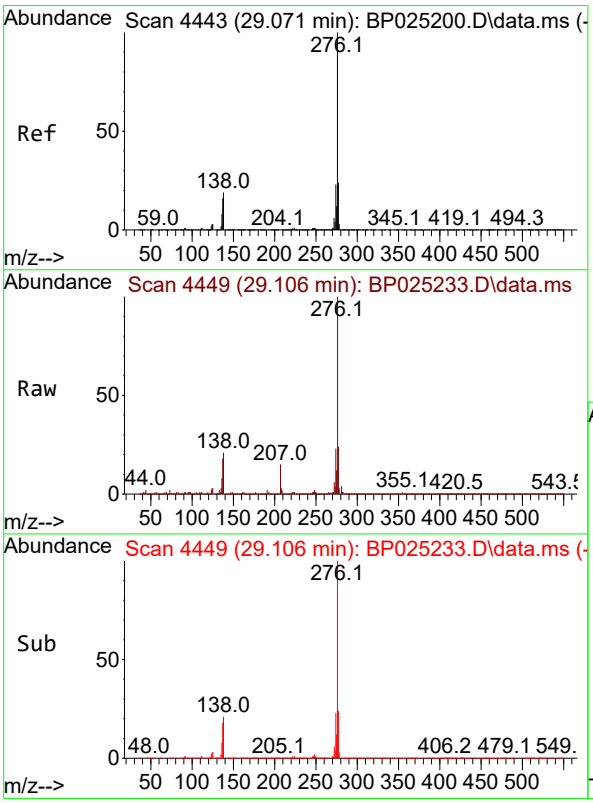

#91
Dibenzo(a,h)anthracene
Concen: 38.652 ng
RT: 28.089 min Scan# 4
Delta R.T. 0.036 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:278 Resp: 8004435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.4 | 12.0 | 18.0 |
| 279 | 24.5 | 19.5 | 29.3 |

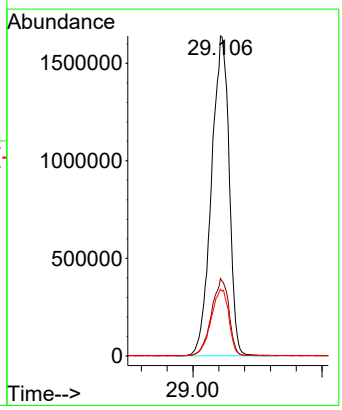



#92
Benzo(g,h,i)perylene
Concen: 38.142 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025233.D
Acq: 23 Jul 2025 21:42

Tgt Ion:276 Resp: 7762421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.2 | 28.8 |
| 138 | 20.9 | 15.4 | 23.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 2 | | 1,4-Dioxane | 0.444 | 0.408 | 8.1 | 65 | 0.00 |
| 3 | | Pyridine | 1.188 | 1.141 | 4.0 | 66 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.471 | 0.457 | 3.0 | 66 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.184 | 1.161 | 1.9 | 68 | 0.00 |
| 6 | | Aniline | 1.916 | 1.951 | -1.8 | 69 | 0.00 |
| 7 | S | Phenol-d6 | 1.466 | 1.503 | -2.5 | 70 | 0.00 |
| 8 | | 2-Chlorophenol | 1.343 | 1.358 | -1.1 | 69 | 0.00 |
| 9 | | Benzaldehyde | 0.994 | 0.976 | 1.8 | 60 | 0.00 |
| 10 | C | Phenol | 1.520 | 1.550 | -2.0 | 69 | 0.01 |
| 11 | | bis(2-Chloroethyl)ether | 1.166 | 1.153 | 1.1 | 67 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.510 | 1.493 | 1.1 | 68 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.525 | 1.525 | 0.0 | 69 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.467 | 1.462 | 0.3 | 68 | 0.00 |
| 15 | | Benzyl Alcohol | 1.057 | 1.090 | -3.1 | 70 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.491 | 1.473 | 1.2 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 1.054 | 1.090 | -3.4 | 70 | 0.00 |
| 18 | | Hexachloroethane | 0.524 | 0.513 | 2.1 | 67 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.908 | -2.9 | 69 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.438 | 1.501 | -4.4 | 71 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.457 | 1.7 | 70 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.360 | 0.360 | 0.0 | 70 | 0.00 |
| 24 | | Nitrobenzene | 0.321 | 0.319 | 0.6 | 70 | 0.00 |
| 25 | | Isophorone | 0.633 | 0.617 | 2.5 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.188 | -2.2 | 71 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.308 | 0.309 | -0.3 | 70 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.396 | 0.383 | 3.3 | 69 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.317 | 0.325 | -2.5 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.346 | 0.343 | 0.9 | 71 | 0.00 |
| 31 | | Naphthalene | 1.023 | 1.005 | 1.8 | 70 | 0.00 |
| 32 | | Benzoic acid | 0.235 | 0.271 | -15.3 | 79 | 0.00 |
| 33 | | 4-Chloroaniline | 0.450 | 0.456 | -1.3 | 72 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.208 | 0.203 | 2.4 | 69 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.108 | -2.9 | 74 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.317 | 0.330 | -4.1 | 74 | 0.01 |
| 37 | | 2-Methylnaphthalene | 0.665 | 0.662 | 0.5 | 71 | 0.01 |
| 38 | | 1-Methylnaphthalene | 0.698 | 0.700 | -0.3 | 71 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.599 | 0.589 | 1.7 | 72 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 0.358 | 0.241 | 32.7# | 49# | 0.01 |
| 42 | S | 2,4,6-Tribromophenol | 0.295 | 0.311 | -5.4 | 78 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.415 | -1.2 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.451 | 0.467 | -3.5 | 75 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.419 | 1.404 | 1.1 | 72 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.450 | 1.418 | 2.2 | 72 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.124 | 0.7 | 73 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.289 | 0.296 | -2.4 | 74 | 0.00 |
| 49 | | Acenaphthylene | 1.831 | 1.861 | -1.6 | 74 | -0.02 |
| 50 | | Dimethylphthalate | 1.430 | 1.416 | 1.0 | 74 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.311 | 0.313 | -0.6 | 73 | 0.00 |
| 52 | C | Acenaphthene | 1.059 | 1.056 | 0.3 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 0.350 | 0.362 | -3.4 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.184 | 0.131 | 28.8# | 52 | 0.00 |
| 55 | | Dibenzofuran | 1.710 | 1.699 | 0.6 | 73 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.300 | 0.312 | -4.0 | 78 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.435 | 0.458 | -5.3 | 76 | 0.00 |
| 58 | | Fluorene | 1.358 | 1.361 | -0.2 | 74 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.399 | 0.421 | -5.5 | 78 | 0.01 |
| 60 | | Diethylphthalate | 1.410 | 1.425 | -1.1 | 75 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.686 | 0.685 | 0.1 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 0.356 | 0.374 | -5.1 | 78 | 0.00 |
| 63 | | Azobenzene | 1.149 | 1.176 | -2.3 | 76 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 79 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.129 | 0.092 | 28.7# | 55 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.607 | 0.591 | 2.6 | 77 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.228 | 2.1 | 77 | 0.00 |
| 68 | | Hexachlorobenzene | 0.277 | 0.272 | 1.8 | 76 | 0.00 |
| 69 | | Atrazine | 0.225 | 0.220 | 2.2 | 78 | -0.01 |
| 70 | C | Pentachlorophenol | 0.188 | 0.196 | -4.3 | 81 | 0.00 |
| 71 | | Phenanthrene | 1.079 | 1.050 | 2.7 | 77 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.097 | -0.9 | 80 | -0.01 |
| 73 | | Carbazole | 1.037 | 1.026 | 1.1 | 78 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.197 | 1.258 | -5.1 | 82 | 0.00 |
| 75 | C | Fluoranthene | 1.270 | 1.277 | -0.6 | 80 | 0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 80 | 0.02 |
| 77 | | Benzidine | 0.702 | 0.753 | -7.3 | 72 | 0.00 |
| 78 | | Pyrene | 1.233 | 1.278 | -3.6 | 82 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.013 | 1.049 | -3.6 | 95 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.558 | 0.603 | -8.1 | 86 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.263 | 1.273 | -0.8 | 82 | 0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 0.524 | 0.527 | -0.6 | 83 | 0.01 |
| 83 | | Chrysene | 1.179 | 1.179 | 0.0 | 82 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.798 | 0.890 | -11.5 | 89 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.378 | 1.514 | -9.9 | 88 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 80 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.462 | 1.400 | 4.2 | 78 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 1.145 | 1.134 | 1.0 | 80 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 1.130 | 1.134 | -0.4 | 80 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.117 | 1.108 | 0.8 | 80 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 1.192 | 1.152 | 3.4 | 78 | 0.04 |
| 92 | | Benzo(g,h,i)perylene | 1.172 | 1.117 | 4.7 | 78 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 68 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 36.816 | 8.0 | 65 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.421 | 3.9 | 66 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.788 | 3.0 | 66 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 78.448 | 1.9 | 68 | 0.00 |
| 6 | | Aniline | 40.000 | 40.729 | -1.8 | 69 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 82.028 | -2.5 | 70 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.456 | -1.1 | 69 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.287 | 1.8 | 60 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.785 | -2.0 | 69 | 0.01 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.567 | 1.1 | 67 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.538 | 1.2 | 68 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.012 | -0.0 | 69 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.868 | 0.3 | 68 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.216 | -3.0 | 70 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.515 | 1.2 | 67 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 41.367 | -3.4 | 70 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.134 | 2.2 | 67 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.187 | -3.0 | 69 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.763 | -4.4 | 71 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 69 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.248 | 1.9 | 70 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.938 | 0.1 | 70 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.723 | 0.7 | 70 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.968 | 2.6 | 68 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.797 | -2.0 | 71 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.048 | -0.1 | 70 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.676 | 3.3 | 69 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.989 | -2.5 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.643 | 0.9 | 71 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.298 | 1.8 | 70 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 46.045 | -15.1 | 79 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.517 | -1.3 | 72 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.036 | 2.4 | 69 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.148 | -2.9 | 74 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.636 | -4.1 | 74 | 0.01 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.866 | 0.3 | 71 | 0.01 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.117 | -0.3 | 71 | -0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.302 | 1.7 | 72 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 26.882 | 32.8# | 49 | 0.01 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 84.471 | -5.6 | 78 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.487 | -1.2 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.417 | -3.5 | 75 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.162 | 1.0 | 72 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.129 | 2.2 | 72 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.721 | 0.7 | 73 | 0.02 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.019 | -2.5 | 74 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.650 | -1.6 | 74 | -0.02 |
| 50 | | Dimethylphthalate | 40.000 | 39.591 | 1.0 | 74 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.347 | -0.9 | 73 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.892 | 0.3 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.315 | -3.3 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 28.461 | 28.8# | 52 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.729 | 0.7 | 73 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.574 | -3.9 | 78 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.136 | -5.3 | 76 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.103 | -0.3 | 74 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.216 | -5.5 | 78 | 0.01 |
| 60 | | Diethylphthalate | 40.000 | 40.436 | -1.1 | 75 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.914 | 0.2 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.969 | -4.9 | 78 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.936 | -2.3 | 76 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 28.505 | 28.7# | 55 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.963 | 2.6 | 77 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.056 | 2.4 | 77 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.216 | 2.0 | 76 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.181 | 2.0 | 78 | -0.01 |
| 70 | C | Pentachlorophenol | 40.000 | 41.595 | -4.0 | 81 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 38.944 | 2.6 | 77 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.390 | -1.0 | 80 | -0.01 |
| 73 | | Carbazole | 40.000 | 39.575 | 1.1 | 78 | -0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.030 | -5.1 | 82 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.243 | -0.6 | 80 | 0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 80 | 0.02 |
| 77 | | Benzidine | 40.000 | 42.911 | -7.3 | 72 | 0.00 |
| 78 | | Pyrene | 40.000 | 41.466 | -3.7 | 82 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 82.843 | -3.6 | 95 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 43.234 | -8.1 | 86 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.325 | -0.8 | 82 | 0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.249 | -0.6 | 83 | 0.01 |
| 83 | | Chrysene | 40.000 | 40.000 | 0.0 | 82 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 44.592 | -11.5 | 89 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 43.938 | -9.8 | 88 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 80 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.306 | 4.2 | 78 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.633 | 0.9 | 80 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.134 | -0.3 | 80 | 0.01 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.694 | 0.8 | 80 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.652 | 3.4 | 78 | 0.04 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.142 | 4.6 | 78 | 0.04 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025233.D
Acq On : 23 Jul 2025 21:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 24 01:51:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 0

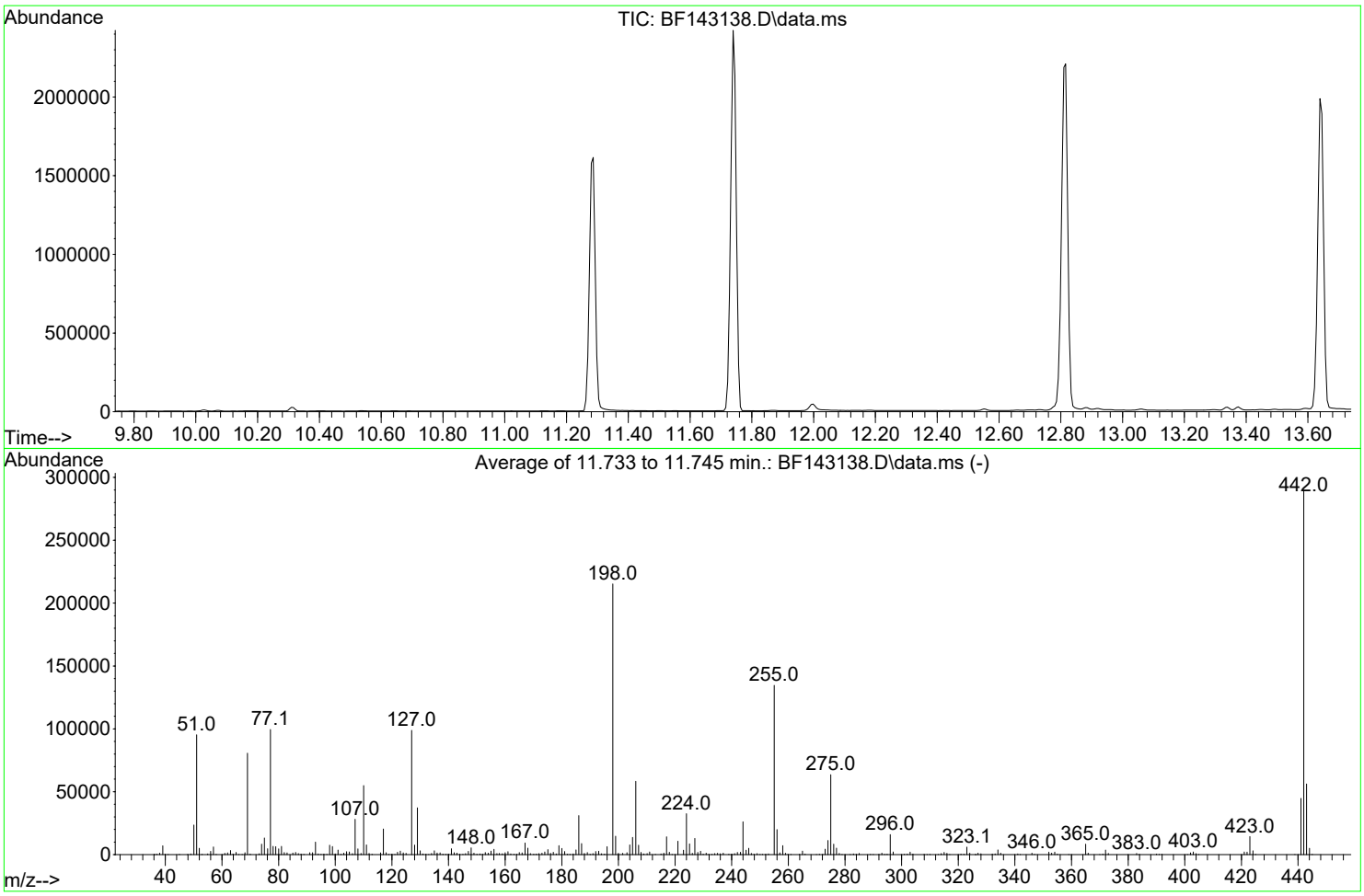
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



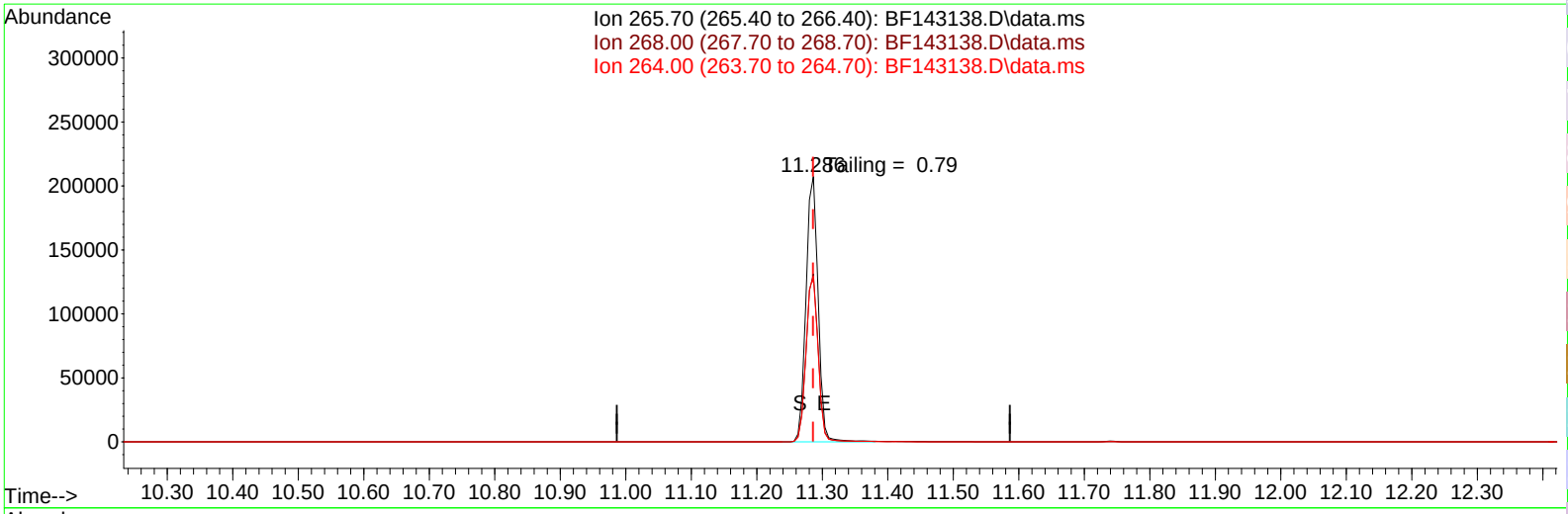

AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

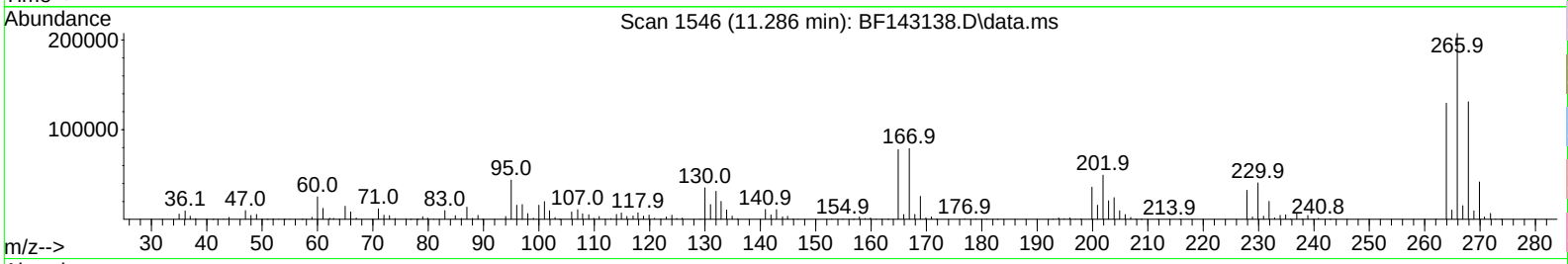
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.9 | 1515 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 80680 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 430 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 215296 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 14617 | PASS |
| 365 | 198 | 1 | 100 | 3.8 | 8287 | PASS |
| 441 | 443 | 0.01 | 150 | 79.6 | 44723 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 288853 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 56203 | PASS |

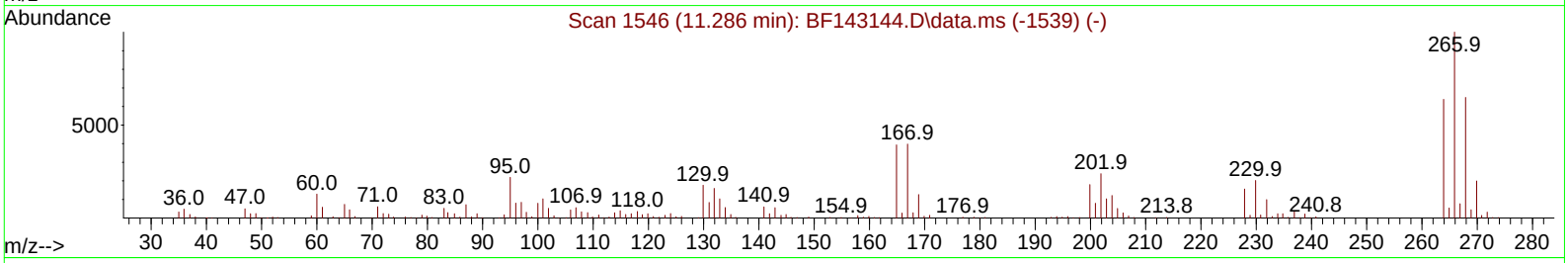
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143138.D\data.ms

**(70) Pentachlorophenol (C)**

**11.286min (+ 0.000) 29509.64 ng**

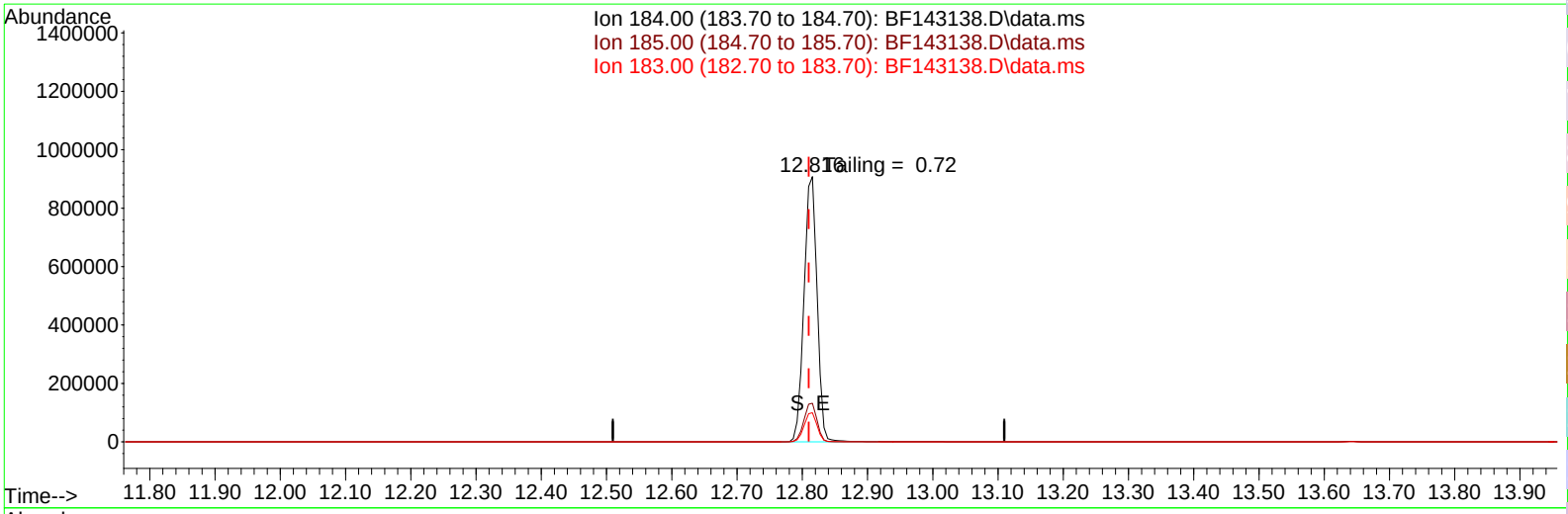
**response 268044**

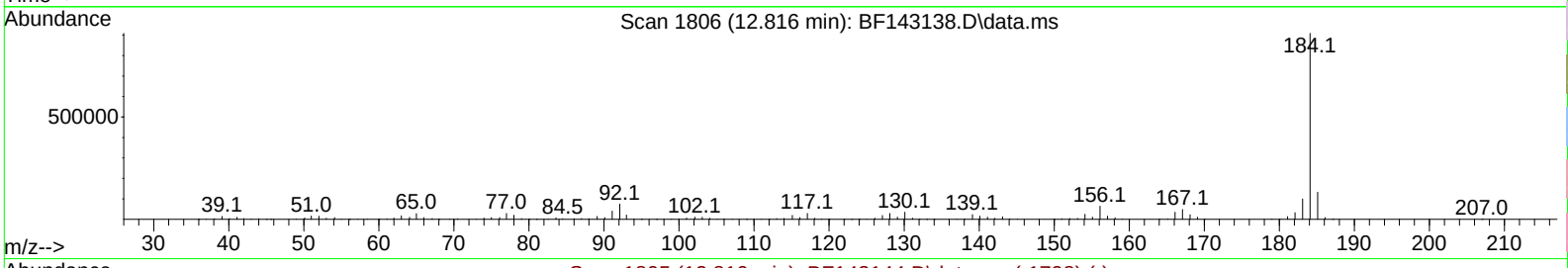
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.90 | 63.24 |
| 264.00 | 63.80 | 62.50 |
| 0.00 | 0.00 | 0.00 |

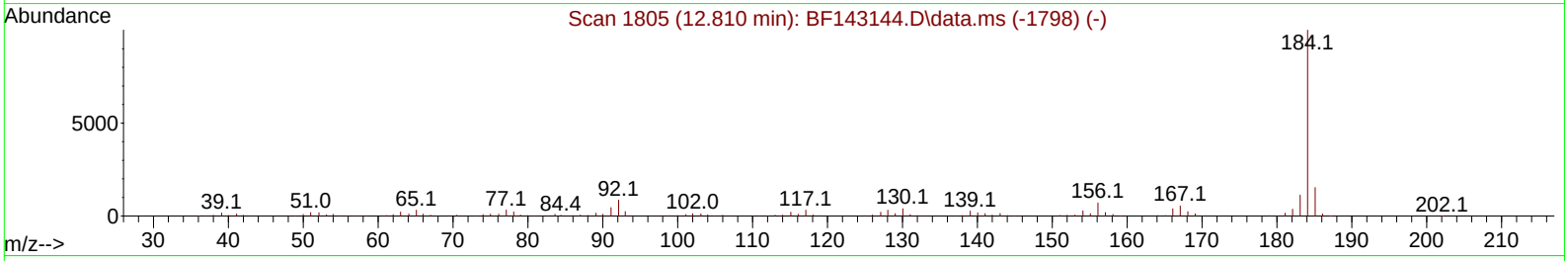
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143138.D\data.ms

**(77) Benzidine**

**12.816min (+ 0.006) 0.00 ng**

**response 1266864**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.30 | 14.57 |
| 183.00 | 11.20 | 10.98 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/17/2025 | BNA_F | BF143138.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 490244 | 13.639 |
| DDD | 9488 | 13.339 |
| DDE | 328 | 13.004 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 9816 | 500060 | 1.96 |
| | | |

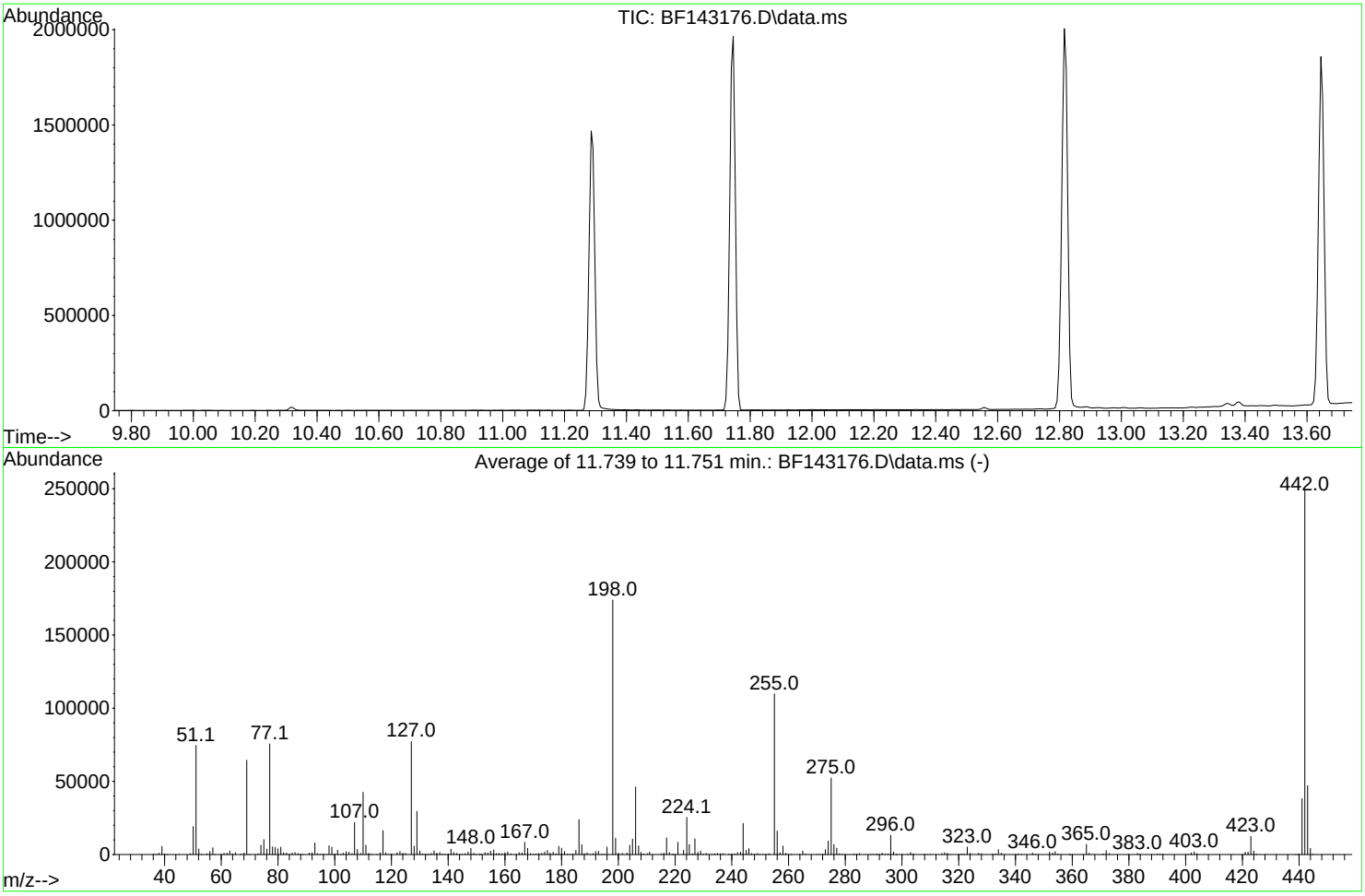
Sample Results: **BF143176.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270E-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 23 16:55:25 2022



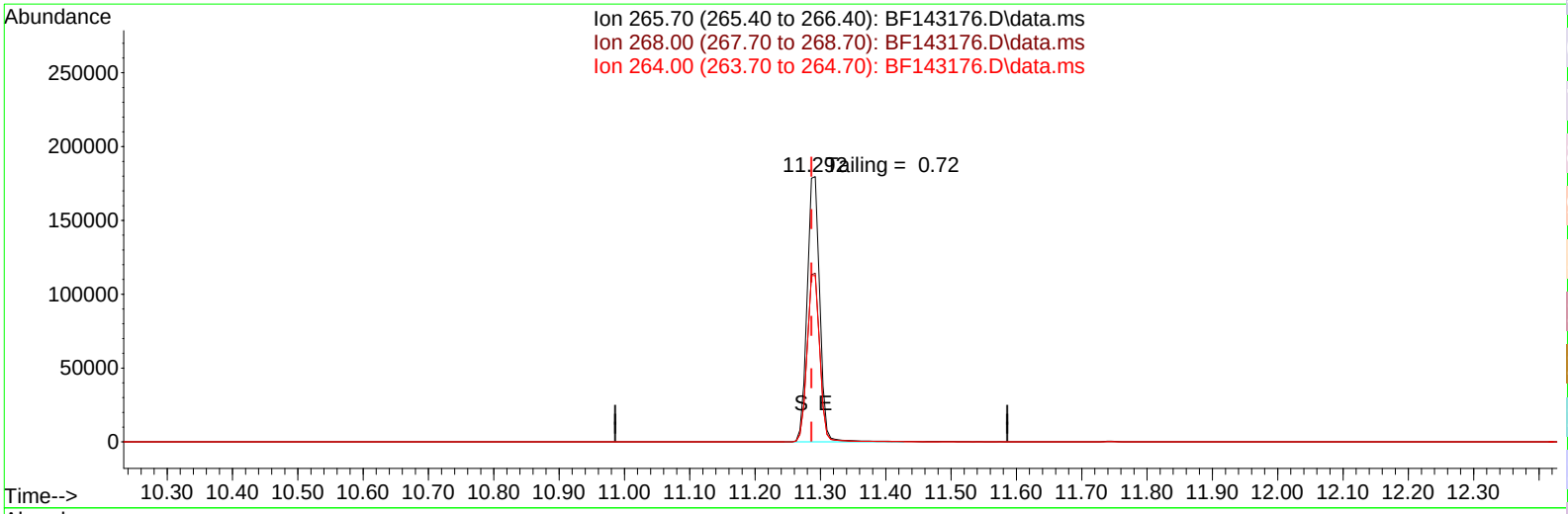

AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1616

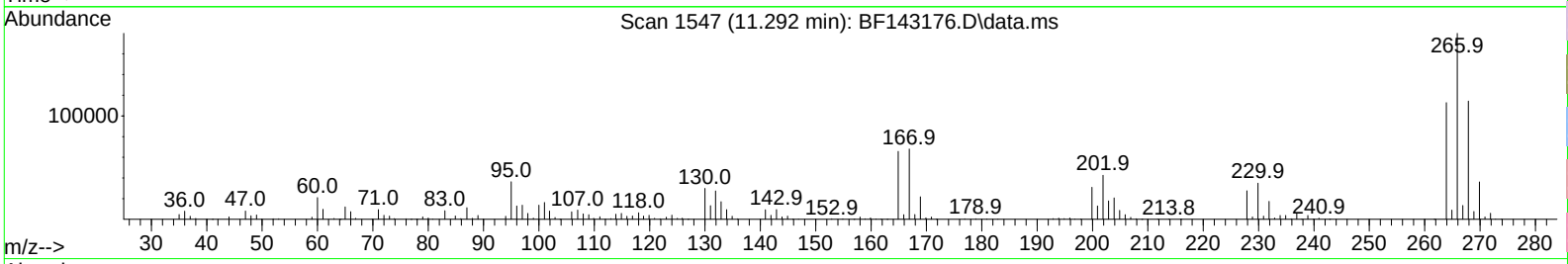
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.6 | 1012 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 64563 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 329 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 174029 | PASS |
| 199 | 198 | 5 | 9 | 6.4 | 11198 | PASS |
| 365 | 198 | 1 | 100 | 4.0 | 6980 | PASS |
| 441 | 443 | 0.01 | 150 | 81.1 | 38184 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 248789 | PASS |
| 443 | 442 | 15 | 24 | 18.9 | 47107 | PASS |

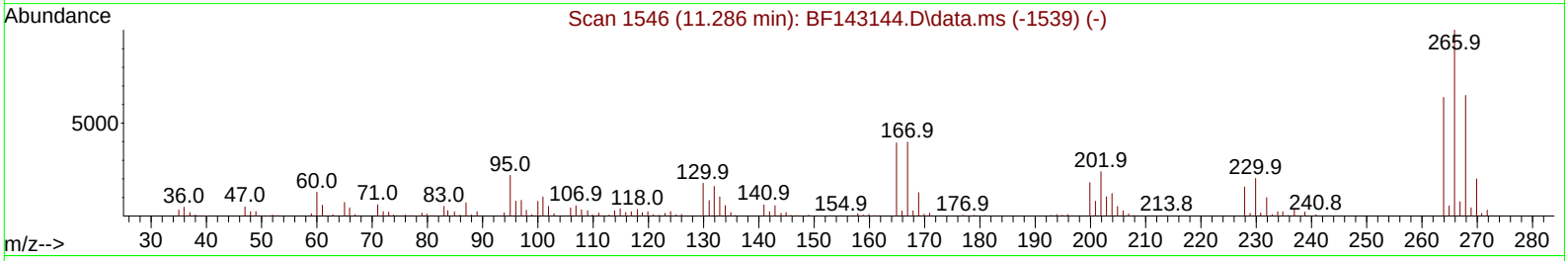
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 11:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143176.D\data.ms

**(70) Pentachlorophenol (C)**

**11.292min (+ 0.006) 32381.96 ng**

**response 241949**

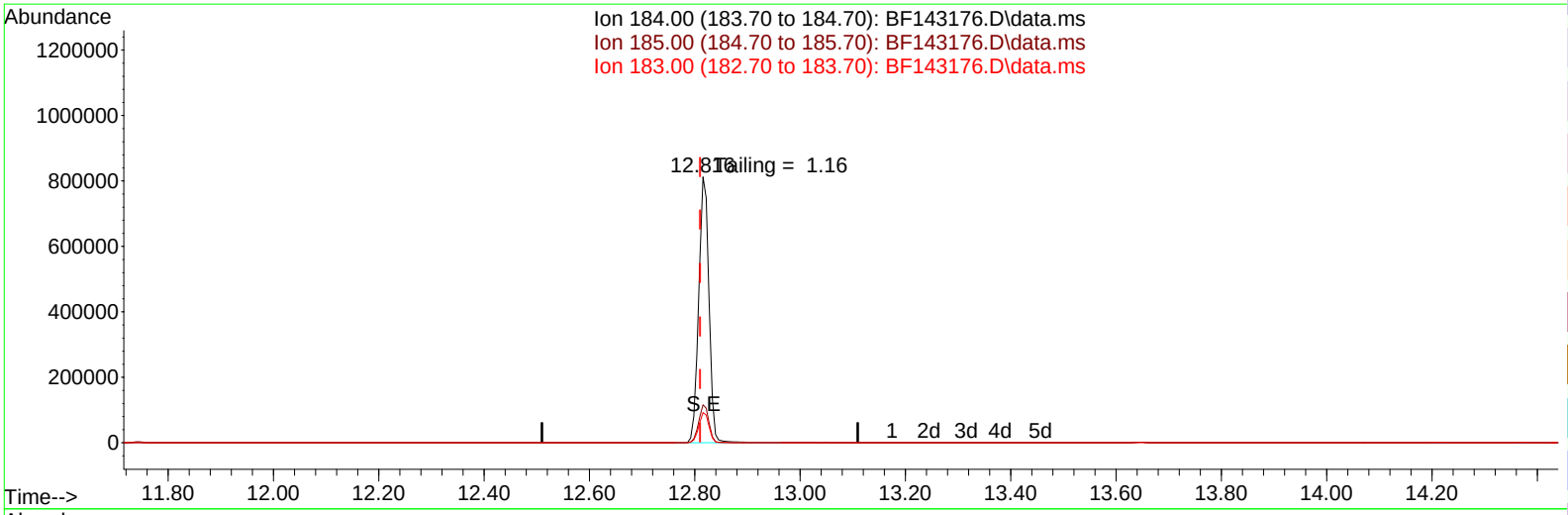
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.90 | 63.58 |
| 264.00 | 63.80 | 62.74 |
| 0.00 | 0.00 | 0.00 |

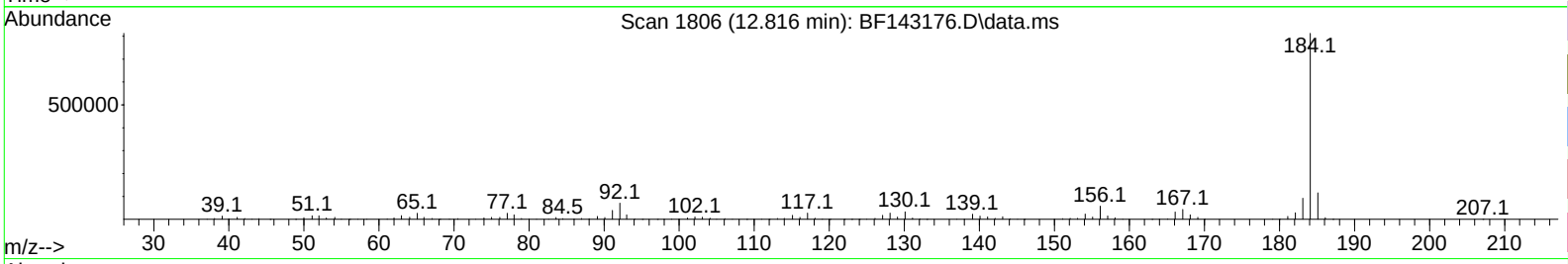
Sample Results: **BF143176.D**

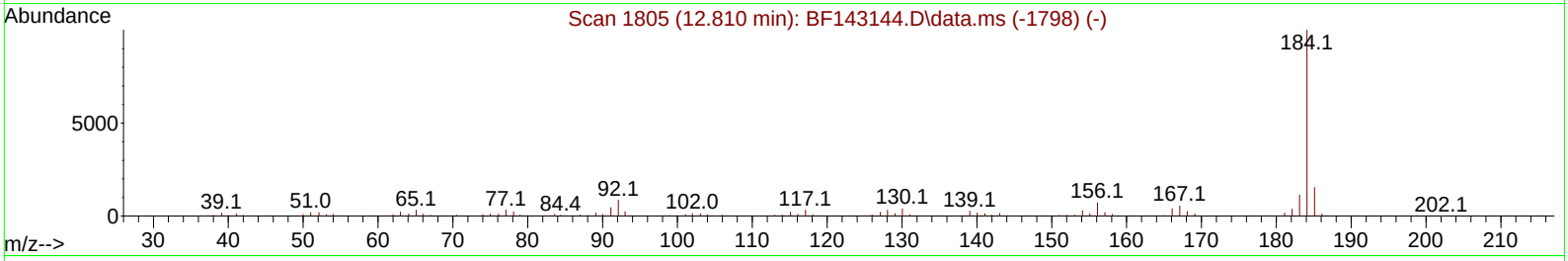
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143176.D
Acq On : 22 Jul 2025 07:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 11:11:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143176.D\data.ms

**(77) Benzidine**

**12.816min (+ 0.006) 514868.65 ng m**

**response 1110844**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.30 | 14.24 |
| 183.00 | 11.20 | 11.33 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

## DDT Breakdown

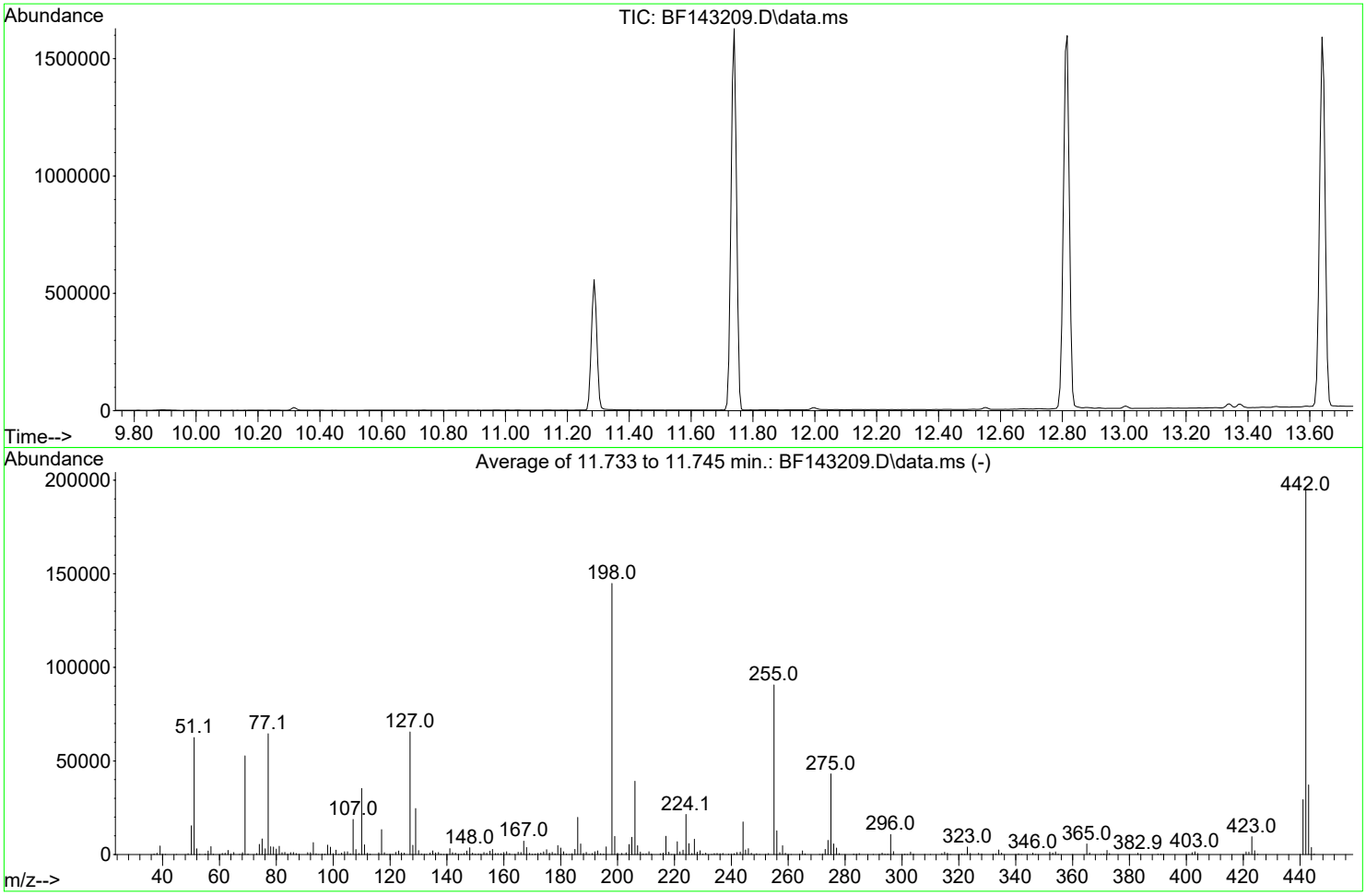
| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/22/2025 | BNA_F | BF143176.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 445109 | 13.645 |
| DDD | 8683 | 13.38 |
| DDE | 869 | 13.01 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 9552 | 454661 | 2.10 |
| | | |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



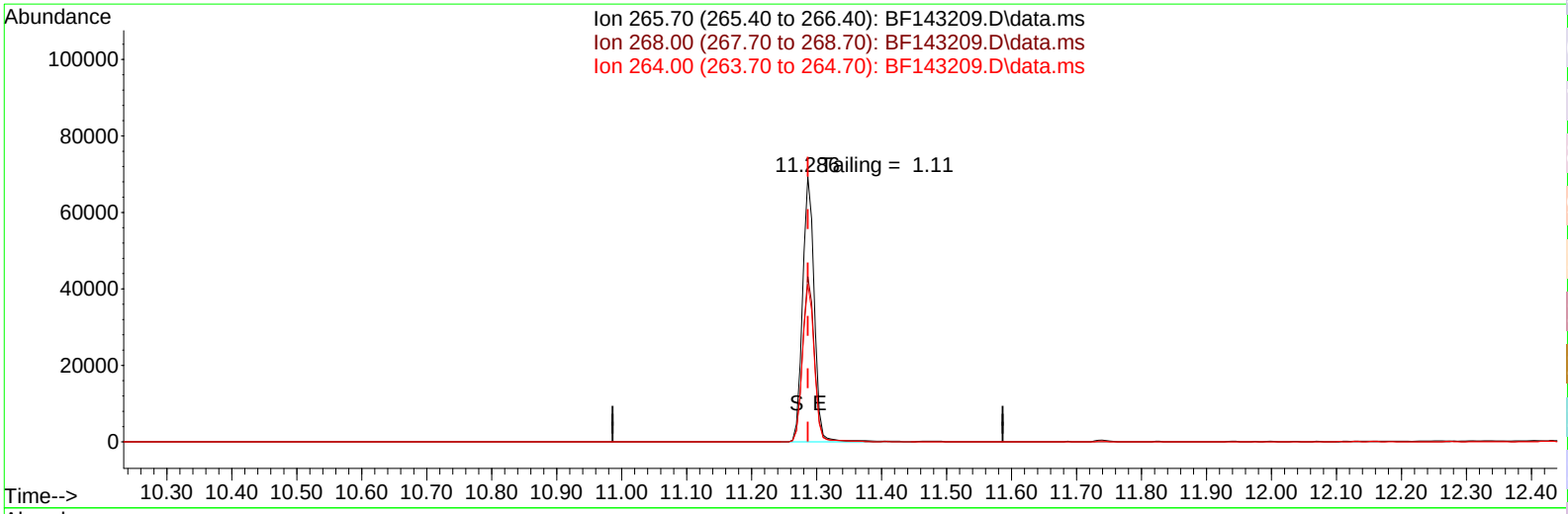

AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

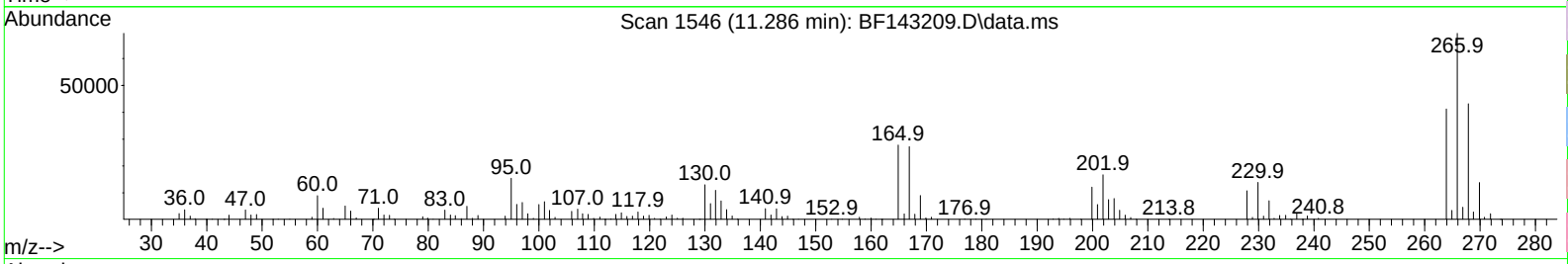
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.9 | 1017 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 52688 | PASS |
| 70 | 69 | 0.00 | 2 | 0.6 | 323 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 144864 | PASS |
| 199 | 198 | 5 | 9 | 6.7 | 9687 | PASS |
| 365 | 198 | 1 | 100 | 3.9 | 5697 | PASS |
| 441 | 443 | 0.01 | 150 | 78.8 | 29299 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 194453 | PASS |
| 443 | 442 | 15 | 24 | 19.1 | 37184 | PASS |

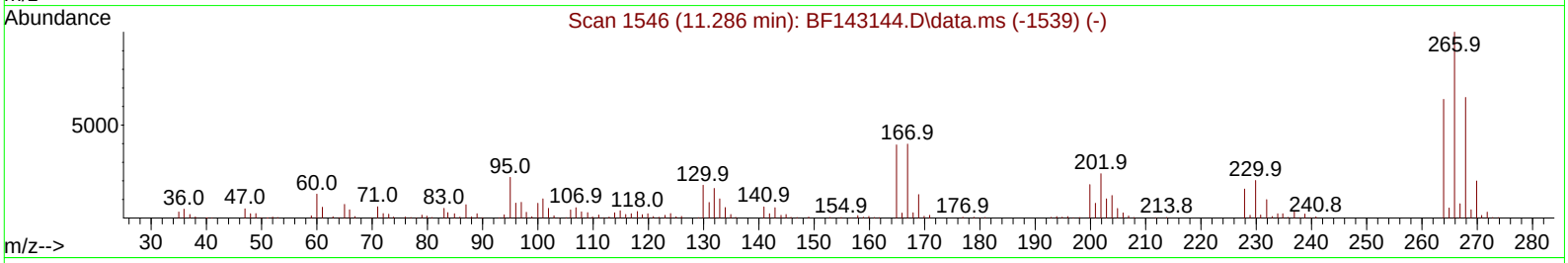
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143209.D\data.ms

**(70) Pentachlorophenol (C)**

**11.286min (+ 0.000) 14501.34 ng**

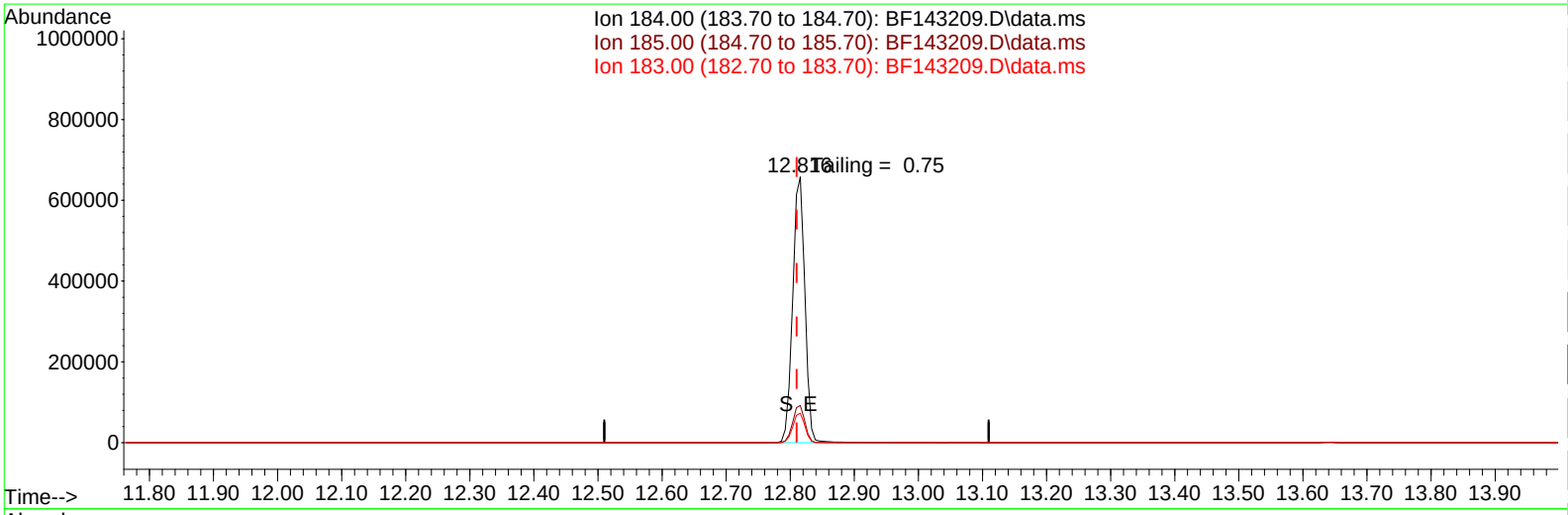
**response 87636**

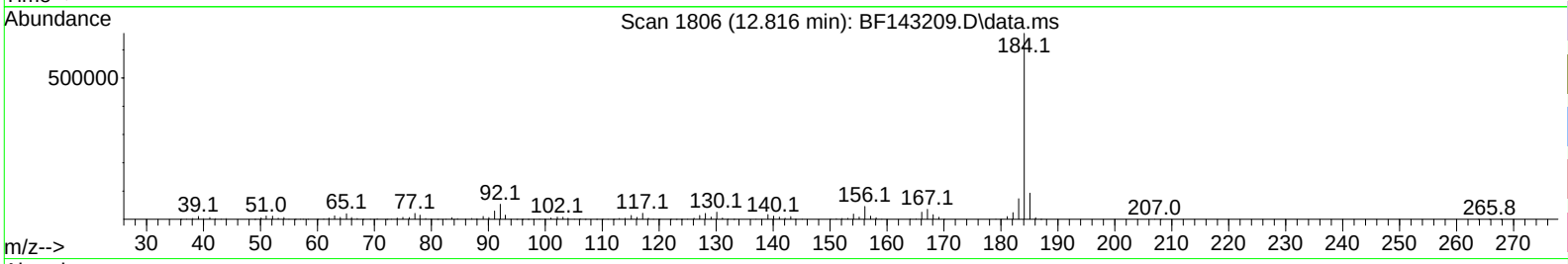
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.90 | 62.26 |
| 264.00 | 63.80 | 59.46 |
| 0.00 | 0.00 | 0.00 |

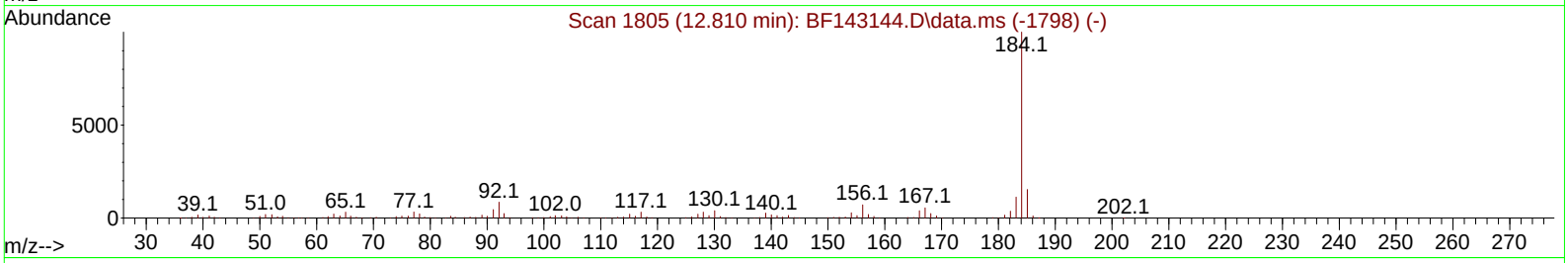
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143209.D
Acq On : 23 Jul 2025 13:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 15:17:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration




TIC: BF143209.D\data.ms

**(77) Benzidine**

**12.816min (+ 0.006) 0.00 ng**

**response 876486**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.30 | 14.03 |
| 183.00 | 11.20 | 11.13 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/23/2025 | BNA_F | BF143209.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 391883 | 13.639 |
| DDD | 8780 | 13.339 |
| DDE | 2192 | 13.004 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 10972 | 402855 | 2.72 |
| | | |

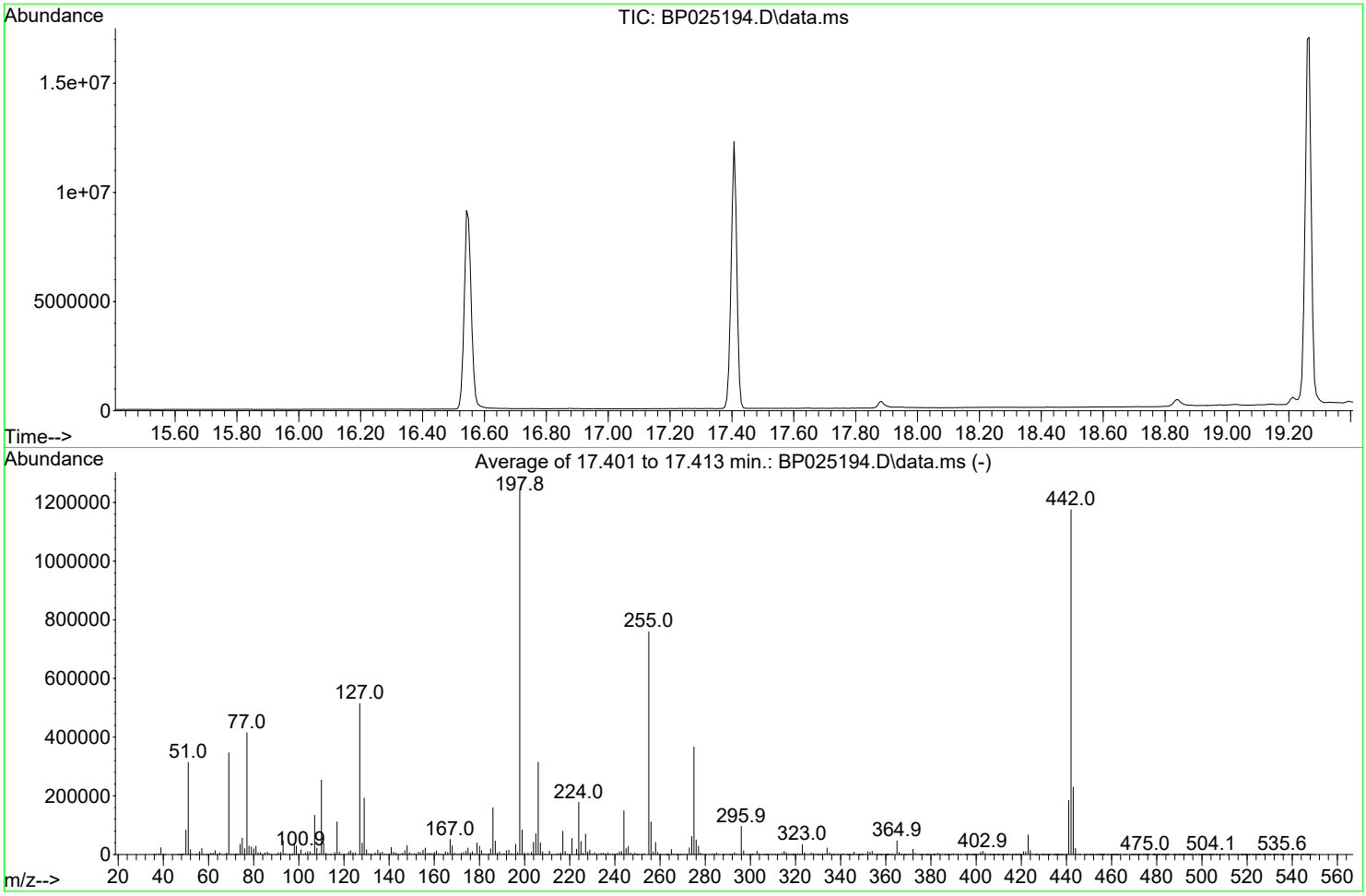
Sample Results: **BP025194.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



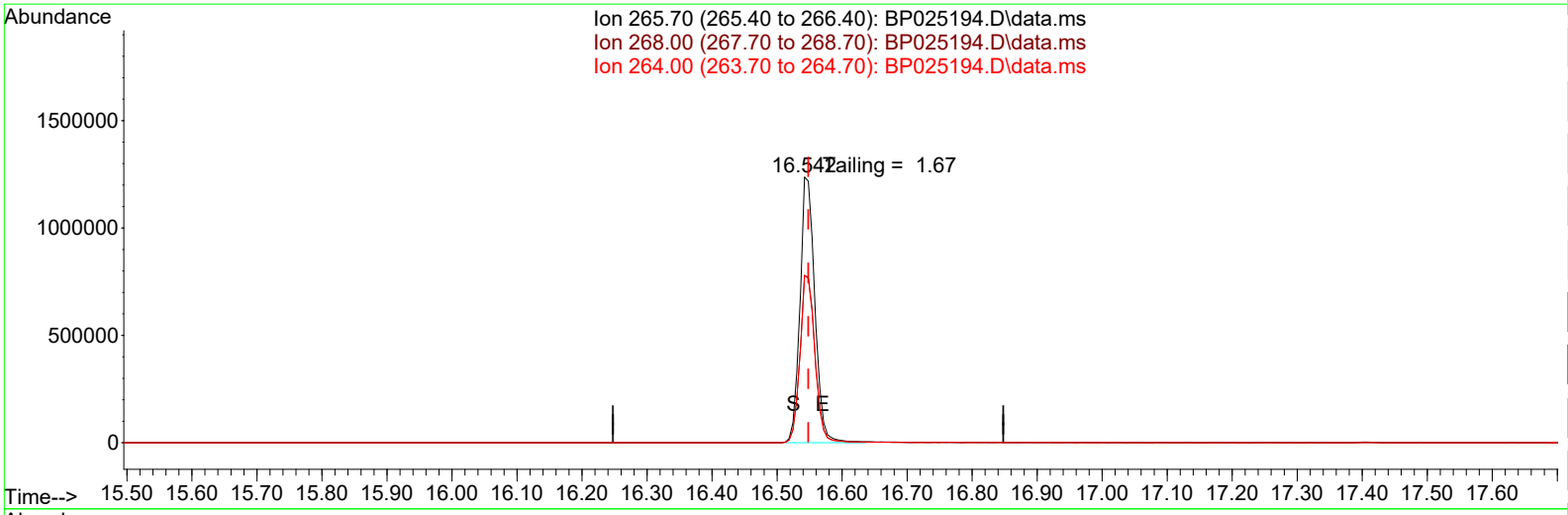

AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2447

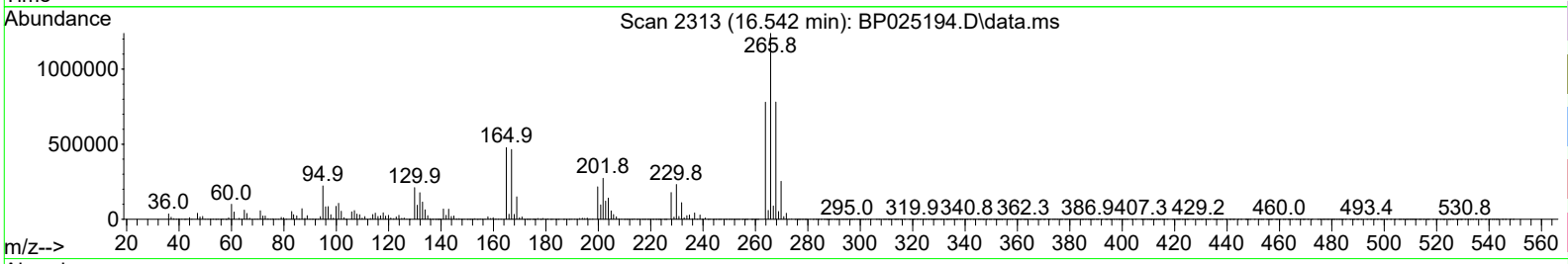
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.7 | 5798 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 347092 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 1776 | PASS |
| 197 | 198 | 0.00 | 2 | 0.5 | 5935 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 1240464 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 84213 | PASS |
| 365 | 198 | 1 | 100 | 3.7 | 46101 | PASS |
| 441 | 443 | 0.01 | 150 | 80.1 | 183987 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 1176021 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 229824 | PASS |

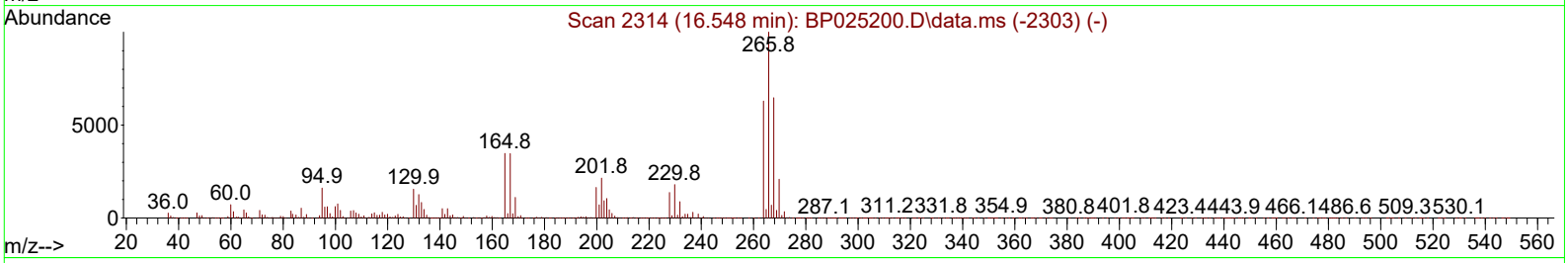
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025194.D\data.ms

**(70) Pentachlorophenol (C)**

**16.542min (-0.006) 139254.46 ng**

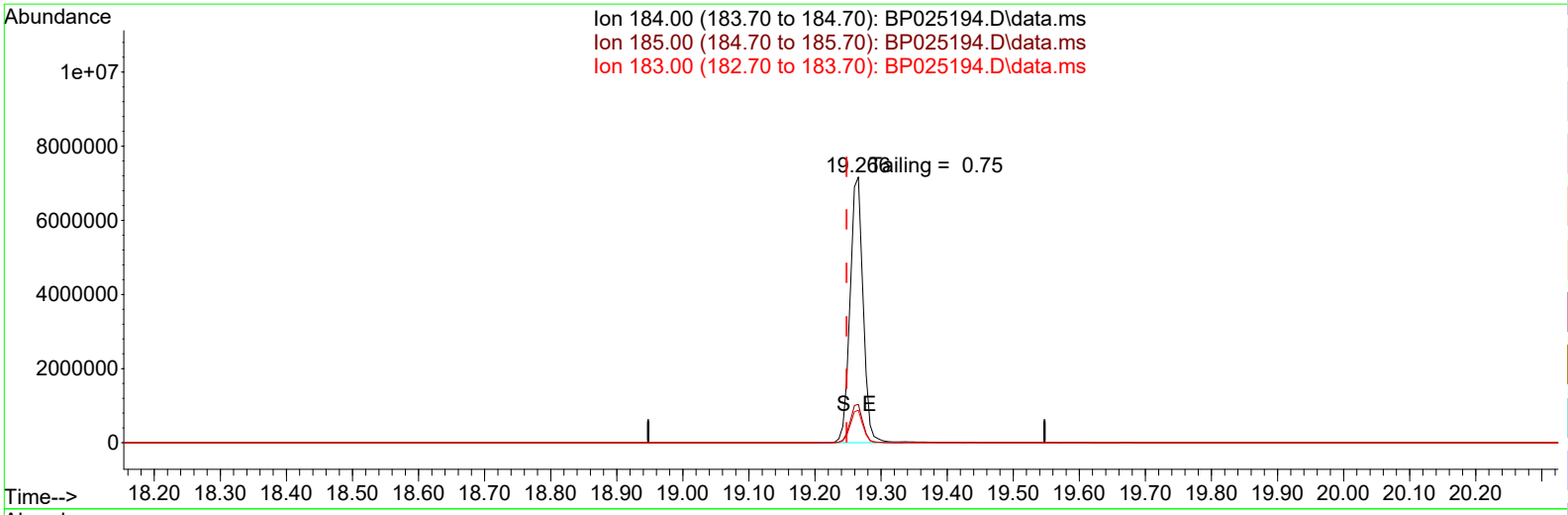
**response 1981776**

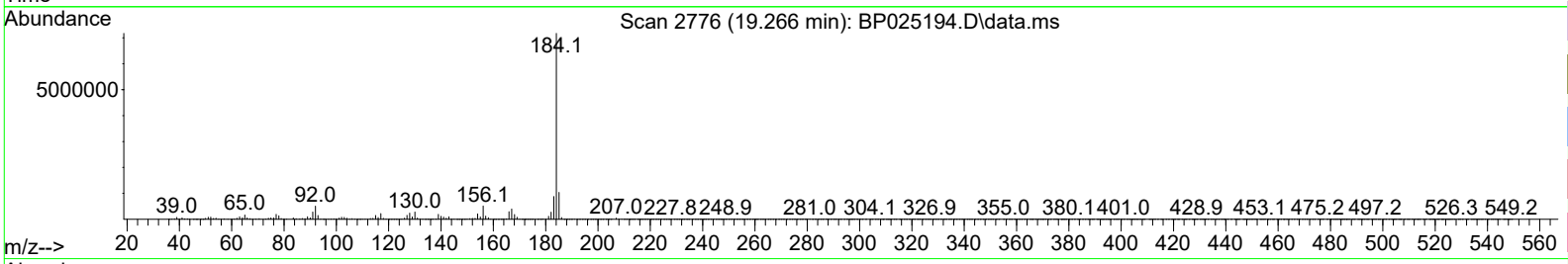
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.70 | 63.05 |
| 264.00 | 62.90 | 62.98 |
| 0.00 | 0.00 | 0.00 |

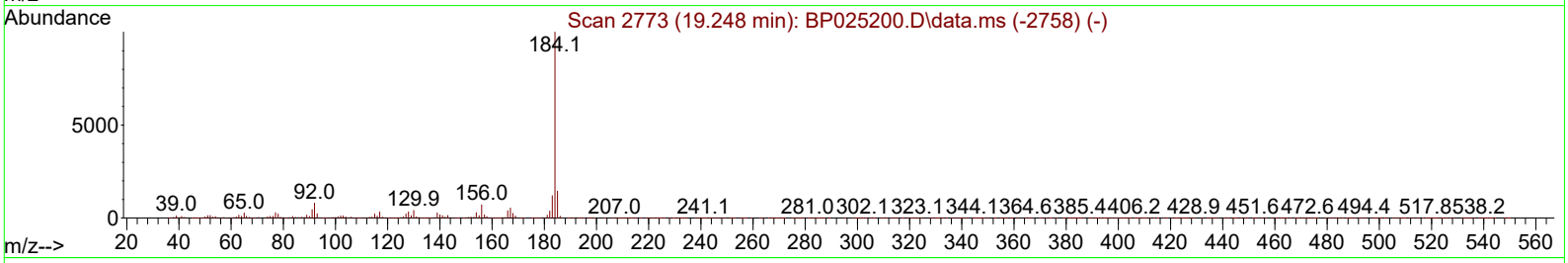
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025194.D
Acq On : 21 Jul 2025 13:02
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025194.D\data.ms

**(77) Benzidine**

**19.266min (+ 0.018) 25003.16 ng**

**response 9830583**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40 | 14.45 |
| 183.00 | 12.00 | 12.25 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/21/2025 | BNA_P | BP025194.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 4575135 | 20.571 |
| DDD | 116048 | 20.101 |
| DDE | 9251 | 19.577 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 125299 | 4700434 | 2.67 |
| | | |

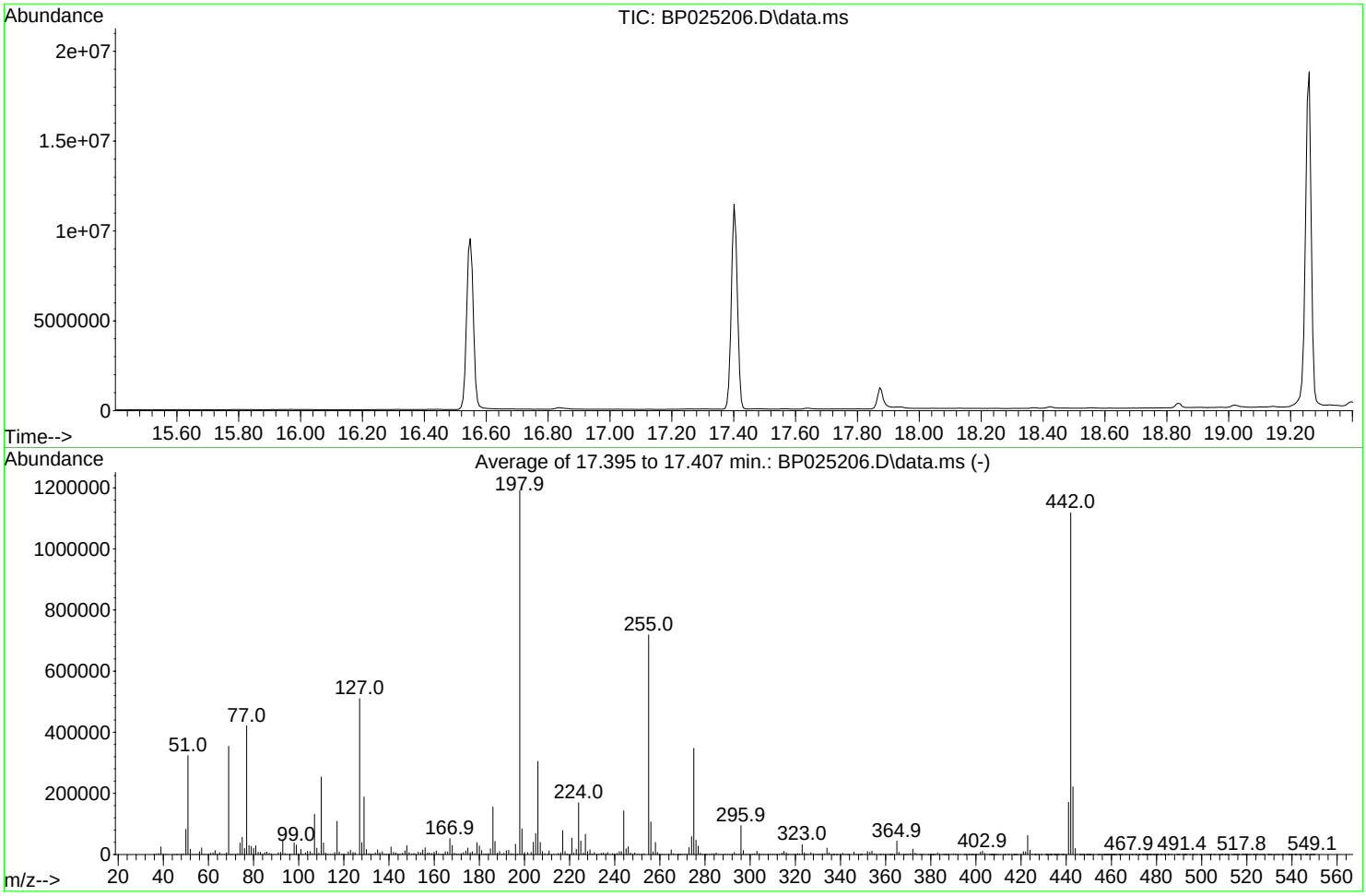
Sample Results: **BP025206.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



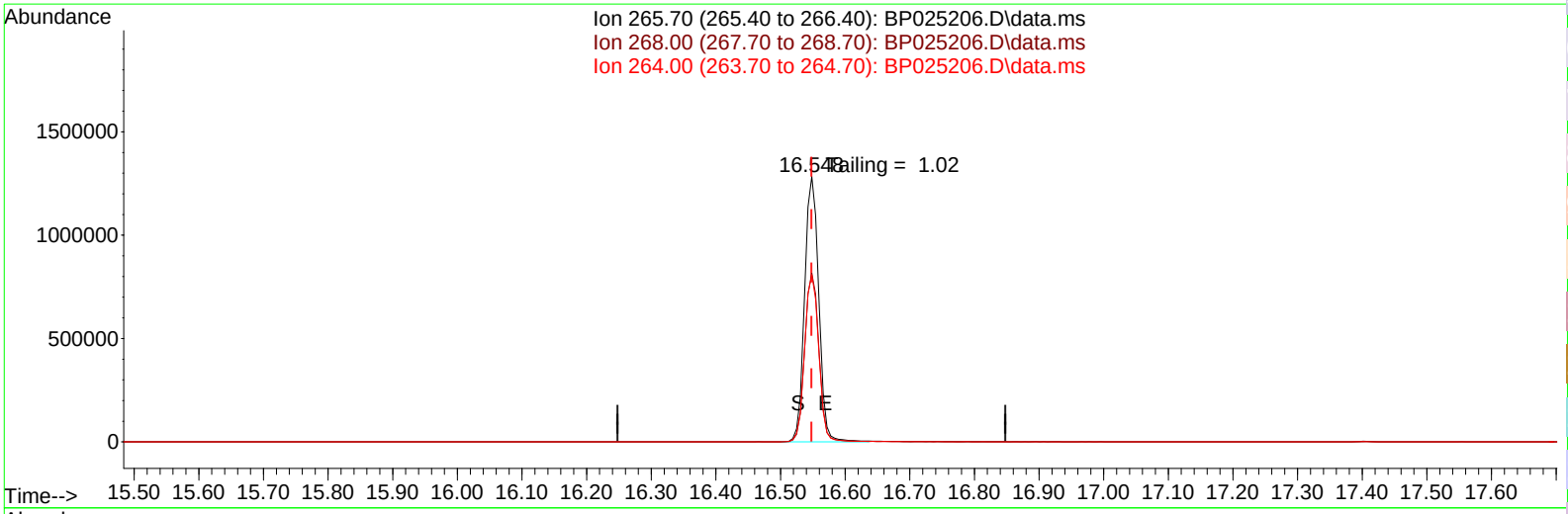

AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2451

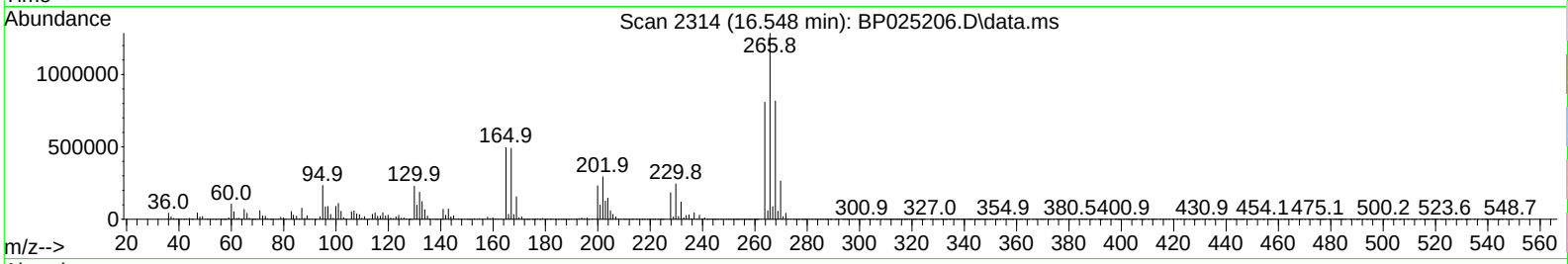
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.6 | 5773 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 354212 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 1756 | PASS |
| 197 | 198 | 0.00 | 2 | 0.2 | 2051 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 1191197 | PASS |
| 199 | 198 | 5 | 9 | 7.0 | 83600 | PASS |
| 365 | 198 | 1 | 100 | 3.7 | 43541 | PASS |
| 441 | 443 | 0.01 | 150 | 77.1 | 170565 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 1118240 | PASS |
| 443 | 442 | 15 | 24 | 19.8 | 221205 | PASS |

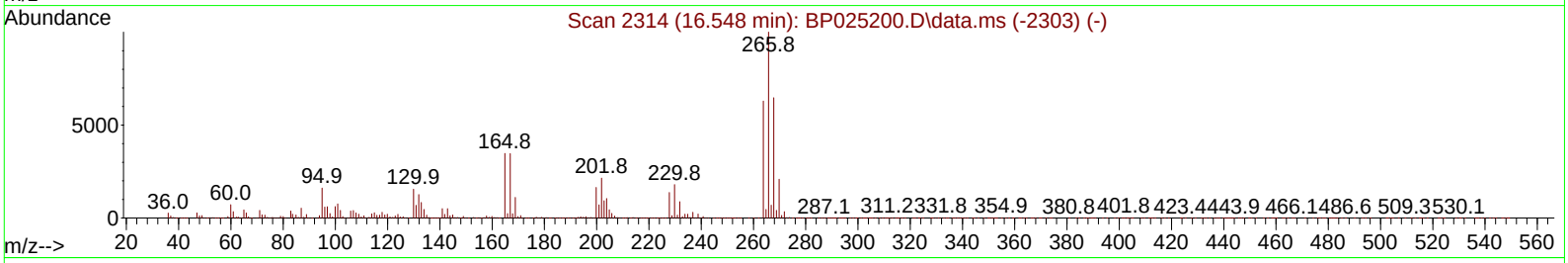
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 11:04:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025206.D\data.ms

**(70) Pentachlorophenol (C)**

**16.548min (+ 0.000) 665481.51 ng**

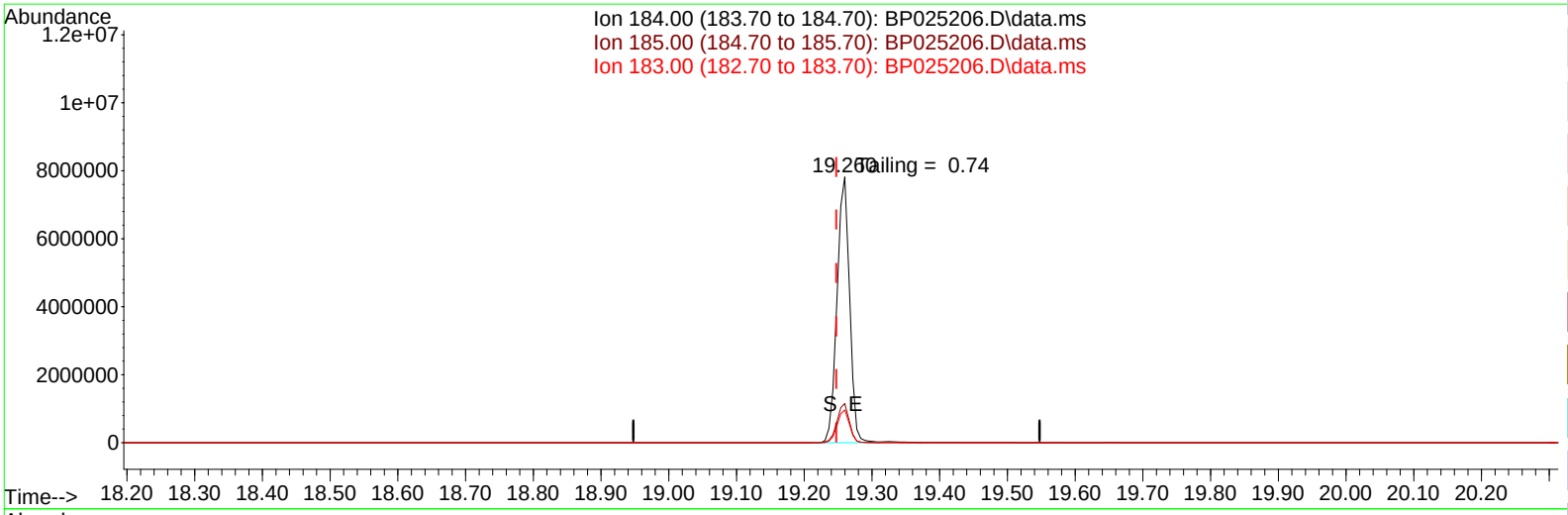
**response 1963129**

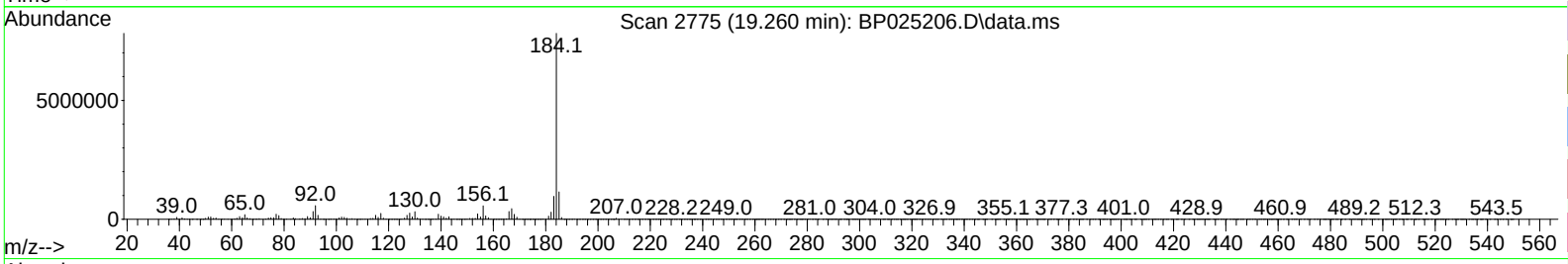
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.70 | 63.58 |
| 264.00 | 62.90 | 63.00 |
| 0.00 | 0.00 | 0.00 |

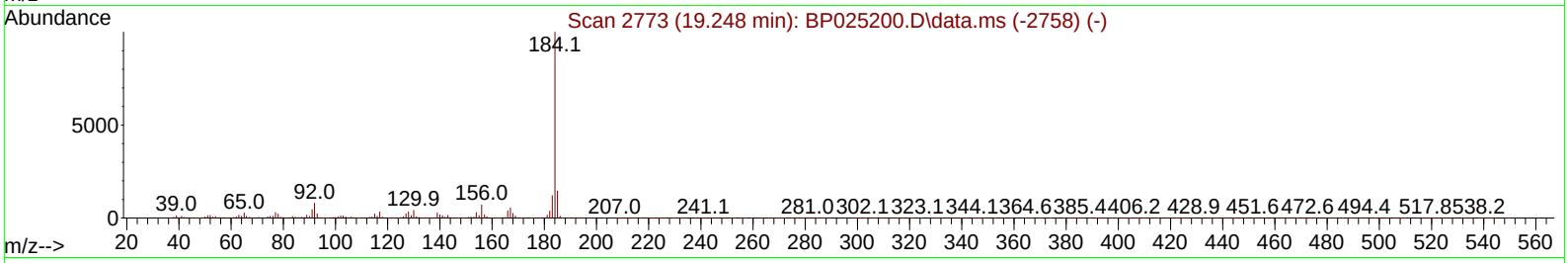
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025206.D
Acq On : 22 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 22 11:04:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025206.D\data.ms

**(77) Benzidine**

**19.260min (+ 0.012) 1969.03 ng**

**response 10060052**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40 | 14.73 |
| 183.00 | 12.00 | 12.36 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

## DDT Breakdown

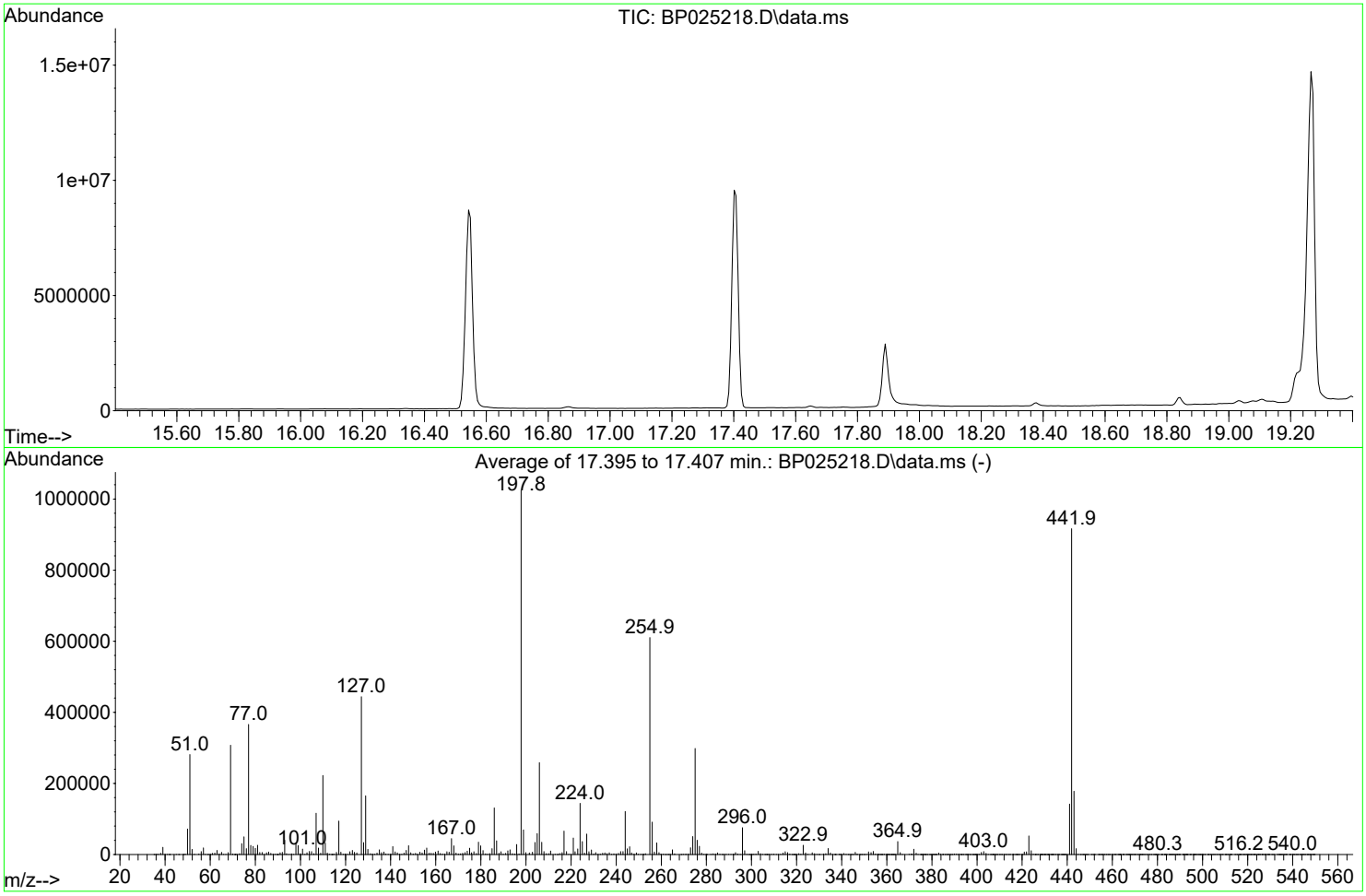
| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/22/2025 | BNA_P | BP025206.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 4798982 | 20.572 |
| DDD | 87623 | 20.107 |
| DDE | 7575 | 19.578 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 95198 | 4894180 | 1.95 |
| | | |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



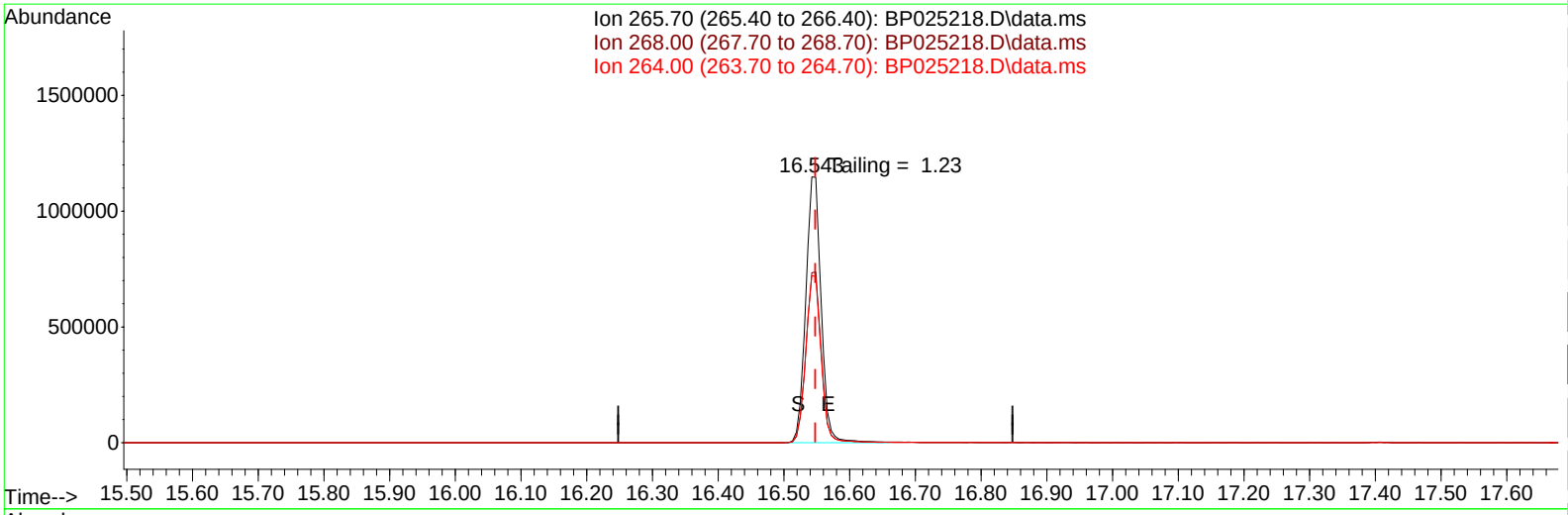

AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2448

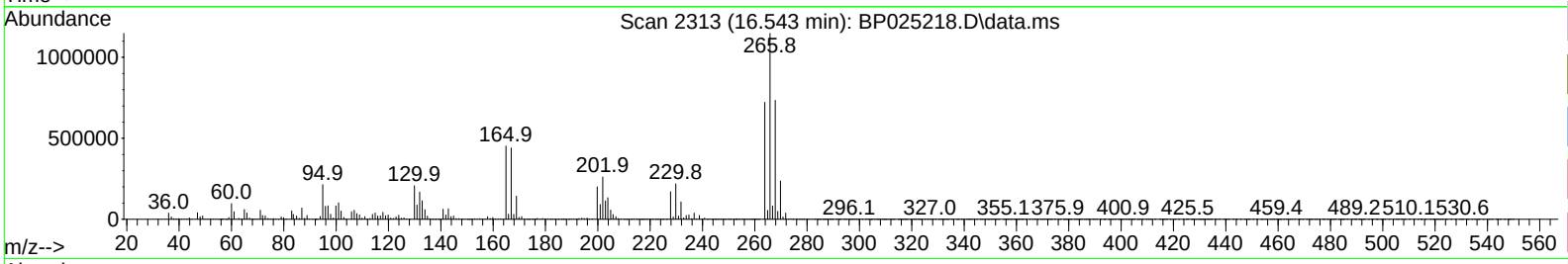
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.7 | 5333 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 307298 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 1489 | PASS |
| 197 | 198 | 0.00 | 2 | 0.2 | 1879 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 1023695 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 69278 | PASS |
| 365 | 198 | 1 | 100 | 3.6 | 36590 | PASS |
| 441 | 443 | 0.01 | 150 | 79.6 | 141723 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 916262 | PASS |
| 443 | 442 | 15 | 24 | 19.4 | 178125 | PASS |

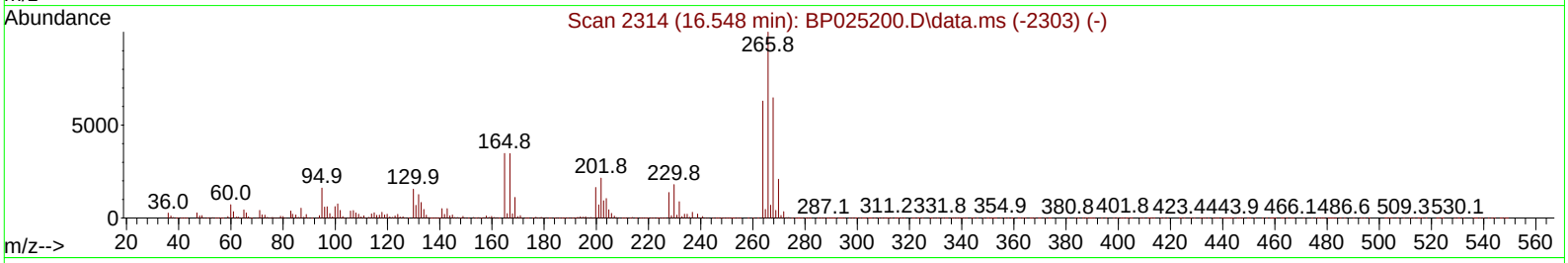
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025218.D\data.ms

**(70) Pentachlorophenol (C)**

**16.543min (-0.005) 1096666.83 ng**

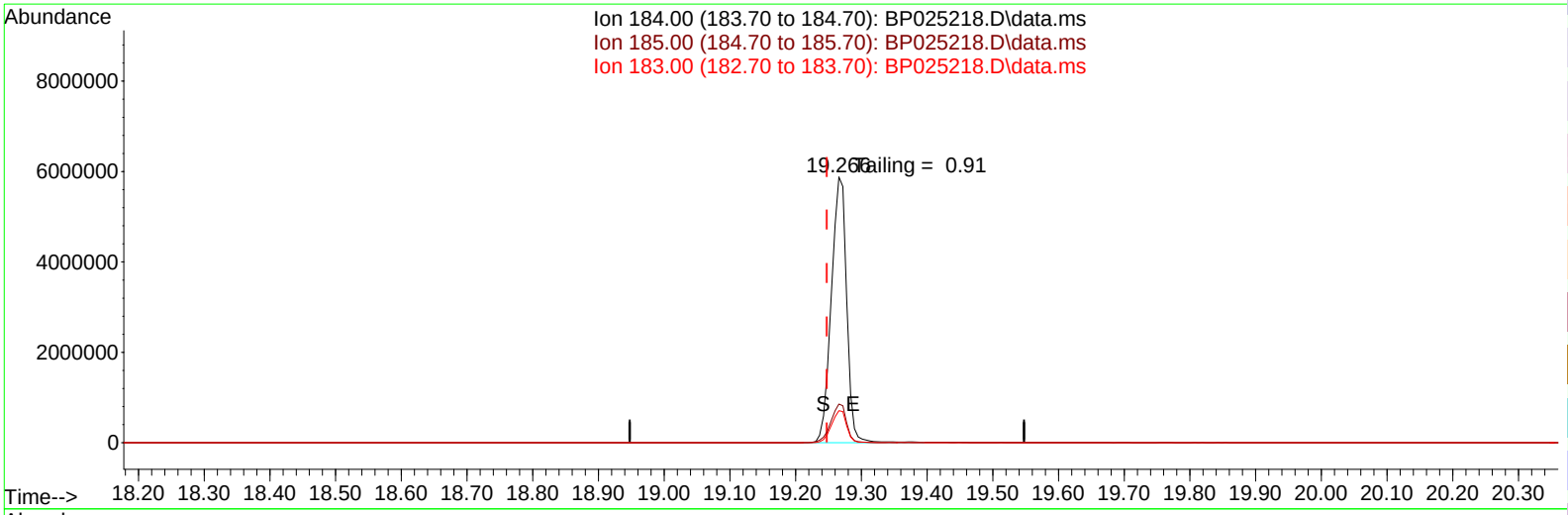
**response 1870776**

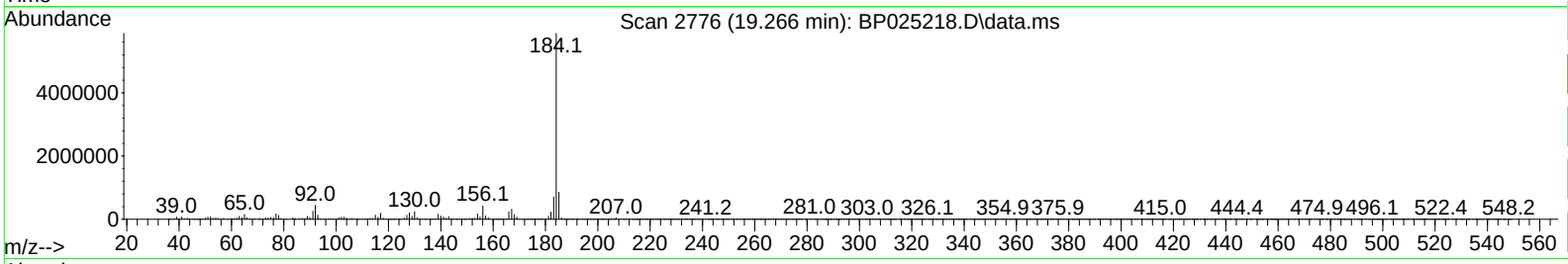
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.70 | 63.99 |
| 264.00 | 62.90 | 62.86 |
| 0.00 | 0.00 | 0.00 |

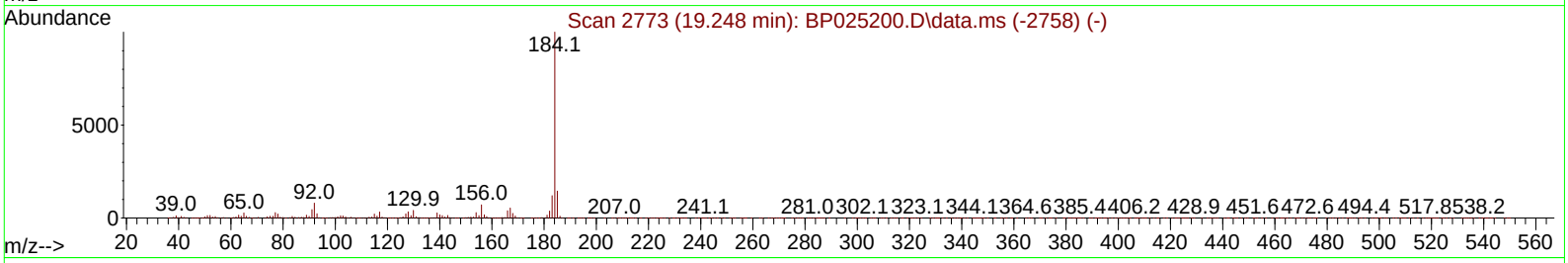
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025218.D
Acq On : 23 Jul 2025 10:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 12:04:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025218.D\data.ms

**(77) Benzidine**

**19.266min (+ 0.018) 624111.67 ng**

**response 9553310**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40 | 14.58 |
| 183.00 | 12.00 | 12.04 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

## DDT Breakdown

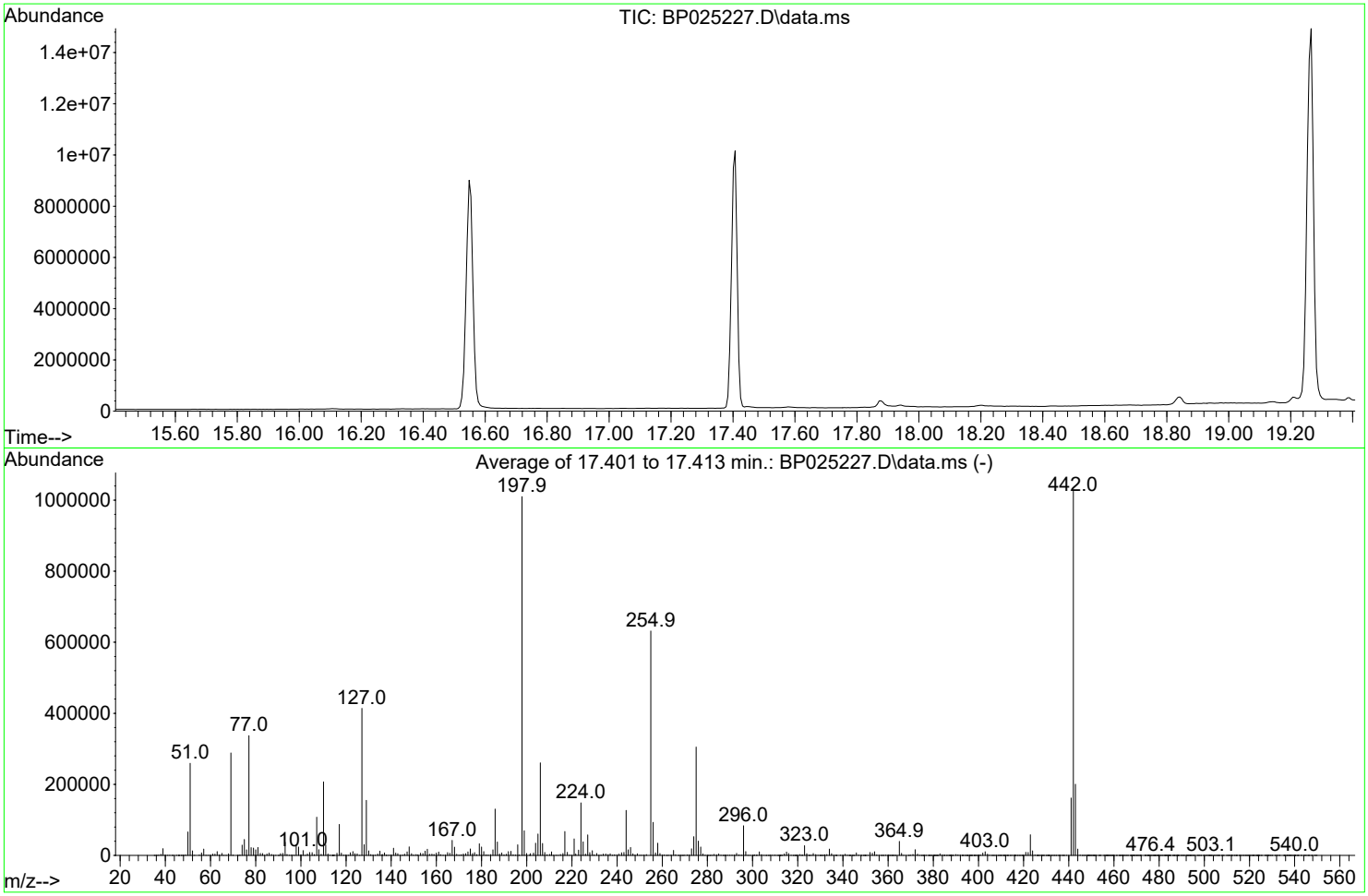
| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/23/2025 | BNA_P | BP025218.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 4585613 | 20.578 |
| DDD | 91482 | 20.16 |
| DDE | 4697 | 19.578 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 96179 | 4681792 | 2.05 |
| | | |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025



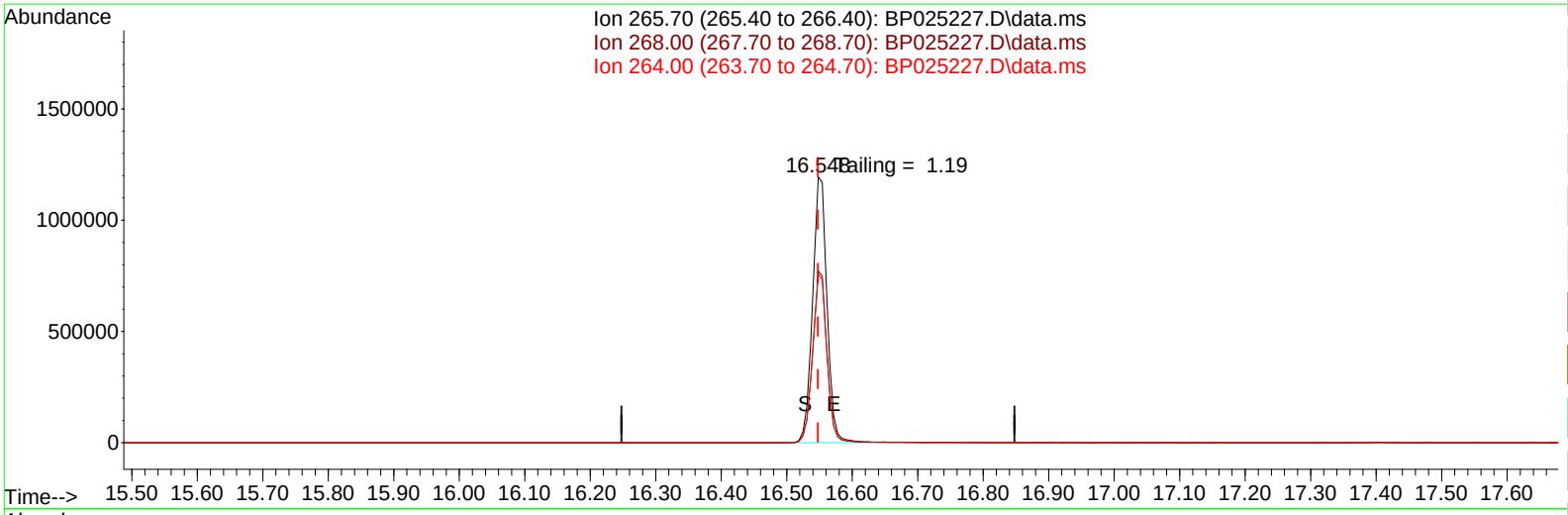

AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2450

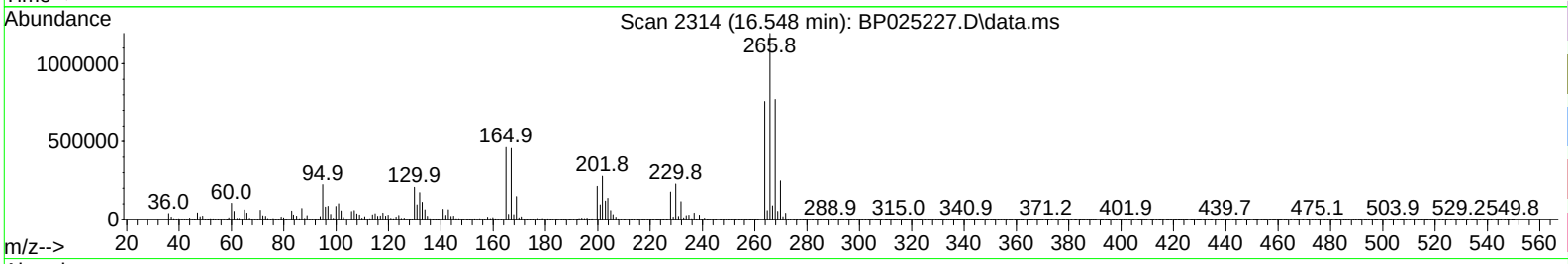
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.6 | 4506 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 288431 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 1388 | PASS |
| 197 | 198 | 0.00 | 2 | 0.1 | 1198 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 1009879 | PASS |
| 199 | 198 | 5 | 9 | 6.9 | 69387 | PASS |
| 365 | 198 | 1 | 100 | 3.9 | 39603 | PASS |
| 441 | 443 | 0.01 | 150 | 80.8 | 161870 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 1025700 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 200403 | PASS |

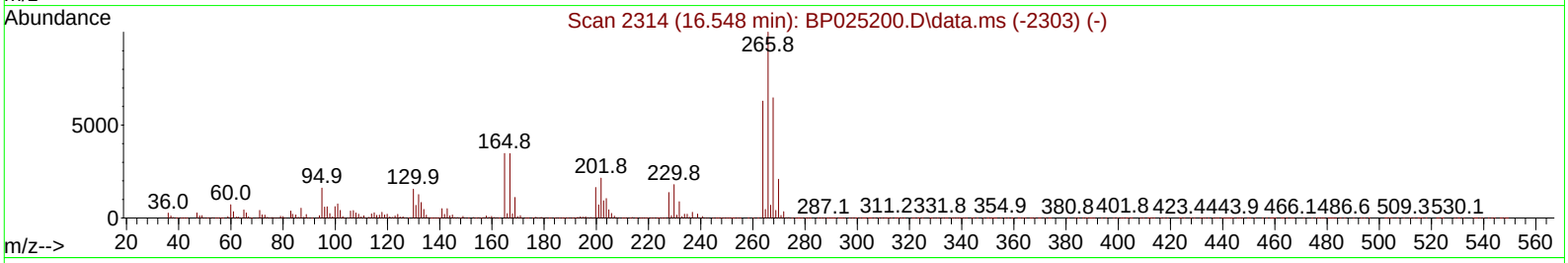
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 17:14:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025227.D\data.ms

**(70) Pentachlorophenol (C)**

**16.548min (+ 0.000) 694149.25 ng m**

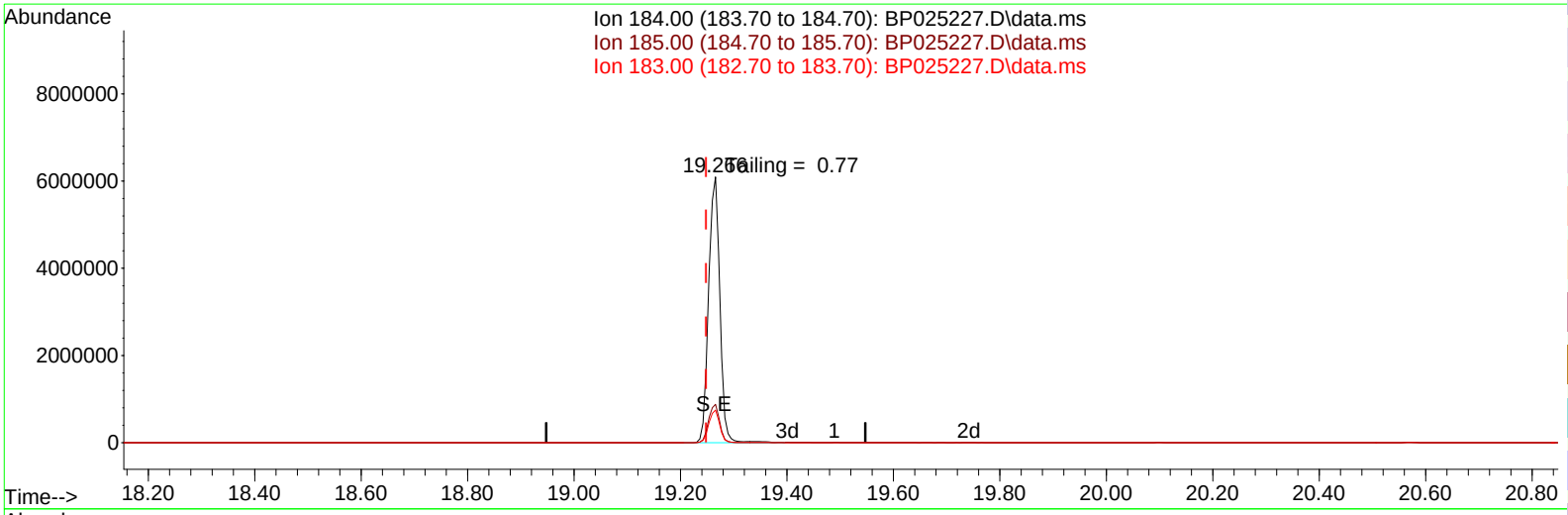
**response 1844890**

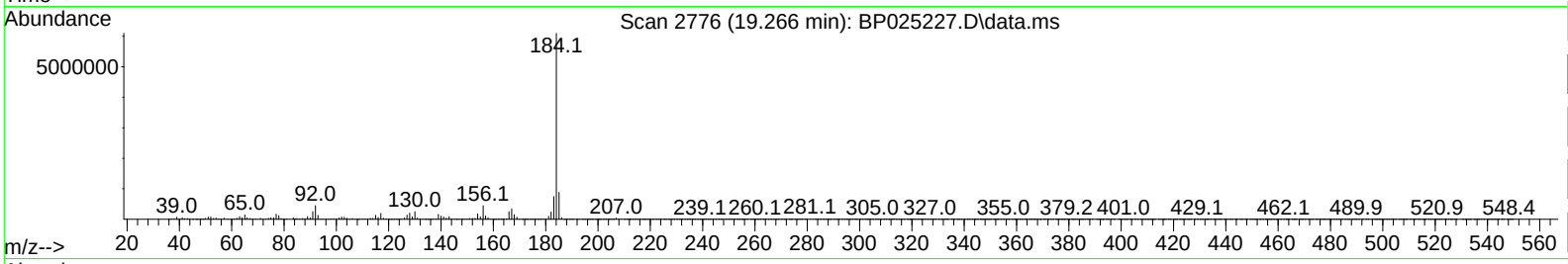
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.70 | 64.51 |
| 264.00 | 62.90 | 63.41 |
| 0.00 | 0.00 | 0.00 |

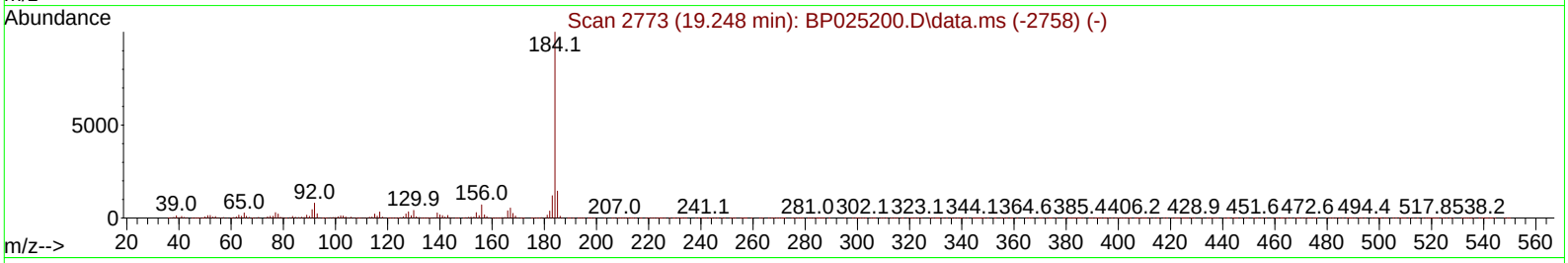
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025227.D
Acq On : 23 Jul 2025 16:54
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

Quant Time: Jul 23 17:14:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration




TIC: BP025227.D\data.ms

**(77) Benzidine**

**19.266min (+ 0.018) 273382.31 ng m**

**response 9089196**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40 | 14.46 |
| 183.00 | 12.00 | 12.30 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_P
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 7/23/2025 | BNA_P | BP025227.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 2433989 | 20.572 |
| DDD | 1509314 | 20.101 |
| DDE | 4496 | 19.577 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 1513810 | 3947799 | 38.35 |
| | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Nobis Group | | | Date Collected: | |
| Project: | Raymark Superfund Site | | | Date Received: | |
| Client Sample ID: | PB168929BL | | | SDG No.: | Q2639 |
| Lab Sample ID: | PB168929BL | | | Matrix: | SOIL |
| Analytical Method: | 8270E | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 | Units: | g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group3 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3541 | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143178.D | 1 | 07/21/25 09:30 | 07/22/25 09:15 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.13 | U | 0.023 | 0.13 | 0.17 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.13 | U | 0.026 | 0.13 | 0.17 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.13 | U | 0.029 | 0.13 | 0.17 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.13 | U | 0.021 | 0.13 | 0.17 | mg/Kg |
| 86-73-7 | Fluorene | 0.13 | U | 0.025 | 0.13 | 0.17 | mg/Kg |
| 85-01-8 | Phenanthrene | 0.13 | U | 0.021 | 0.13 | 0.17 | mg/Kg |
| 120-12-7 | Anthracene | 0.13 | U | 0.033 | 0.13 | 0.17 | mg/Kg |
| 206-44-0 | Fluoranthene | 0.13 | U | 0.030 | 0.13 | 0.17 | mg/Kg |
| 129-00-0 | Pyrene | 0.13 | U | 0.036 | 0.13 | 0.17 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 0.13 | U | 0.023 | 0.13 | 0.17 | mg/Kg |
| 218-01-9 | Chrysene | 0.13 | U | 0.020 | 0.13 | 0.17 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 0.13 | U | 0.019 | 0.13 | 0.17 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 0.13 | U | 0.022 | 0.13 | 0.17 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 0.13 | U | 0.030 | 0.13 | 0.17 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.13 | U | 0.029 | 0.13 | 0.17 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.13 | U | 0.027 | 0.13 | 0.17 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.13 | U | 0.026 | 0.13 | 0.17 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 78.2 | | 37 - 122 | | 78% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 73.5 | | 44 - 115 | | 73% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 80.0 | | 54 - 127 | | 80% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 145000 | 6.963 | | | | |
| 1146-65-2 | Naphthalene-d8 | 553000 | 8.24 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 297000 | 9.998 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 538000 | 11.486 | | | | |
| 1719-03-5 | Chrysene-d12 | 319000 | 14.121 | | | | |
| 1520-96-3 | Perylene-d12 | 277000 | 15.627 | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Nobis Group | | | Date Collected: | |
| Project: | Raymark Superfund Site | | | Date Received: | |
| Client Sample ID: | PB168929BL | | | SDG No.: | Q2639 |
| Lab Sample ID: | PB168929BL | | | Matrix: | SOIL |
| Analytical Method: | 8270E | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 | Units: g | | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | uL | | Test: | SVOCMS Group3 |
| Extraction Type : | | Decanted : N | | Level : | LOW |
| Injection Volume : | | GPC Factor : 1.0 | | GPC Cleanup : N | PH : |
| Prep Method : | SW3541 | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143178.D | 1 | 07/21/25 09:30 | 07/22/25 09:15 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Quant Time: Jul 22 11:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

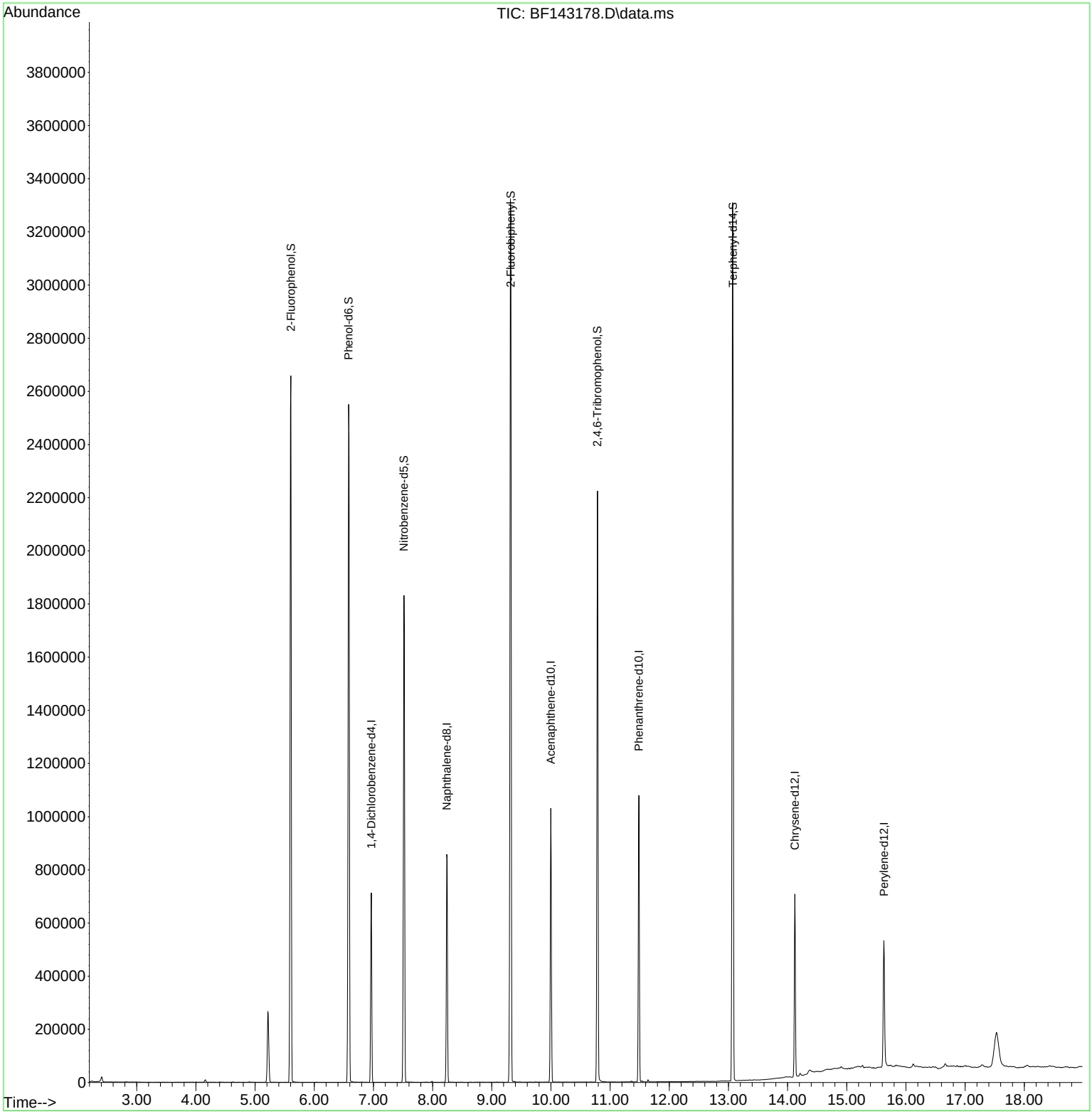
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 144783 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.240 | 136 | 553185 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 297105 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 537789 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 319412 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 277367 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.604 | 112 | 1037560 | 113.404 | ng | 0.02 |
| 7) Phenol-d6 | 6.581 | 99 | 1297756 | 112.692 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.516 | 82 | 867504 | 78.170 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 402512 | 131.143 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1596254 | 73.478 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.075 | 244 | 1717493 | 80.016 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

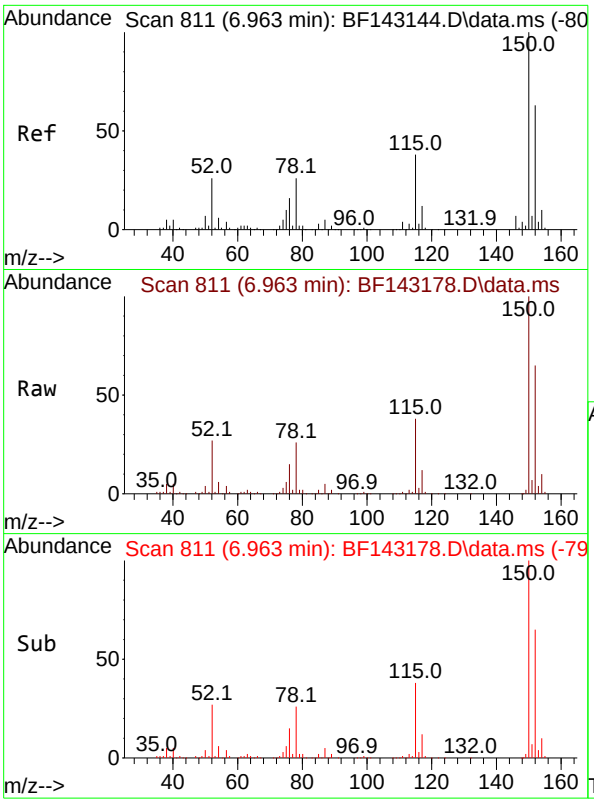
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Quant Time: Jul 22 11:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



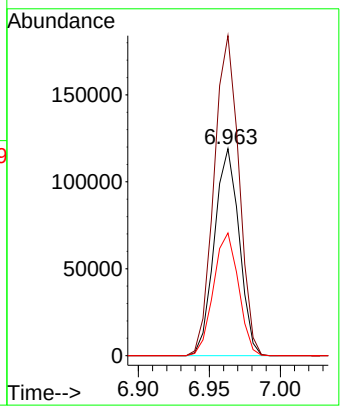


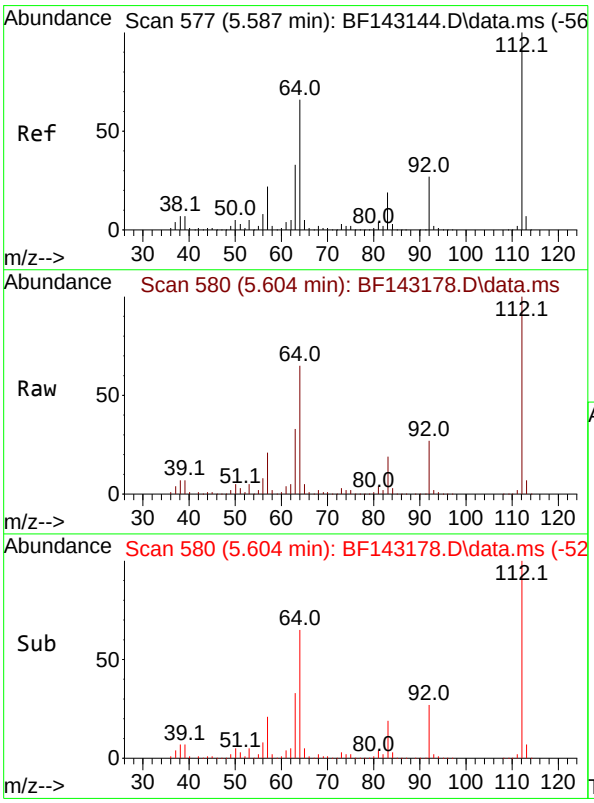

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion:152 Resp: 144783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 128.2 | 192.4 |
| 115 | 59.3 | 47.9 | 71.9 |

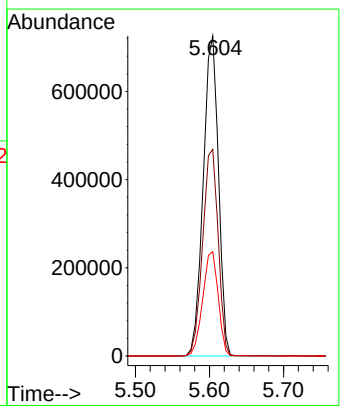


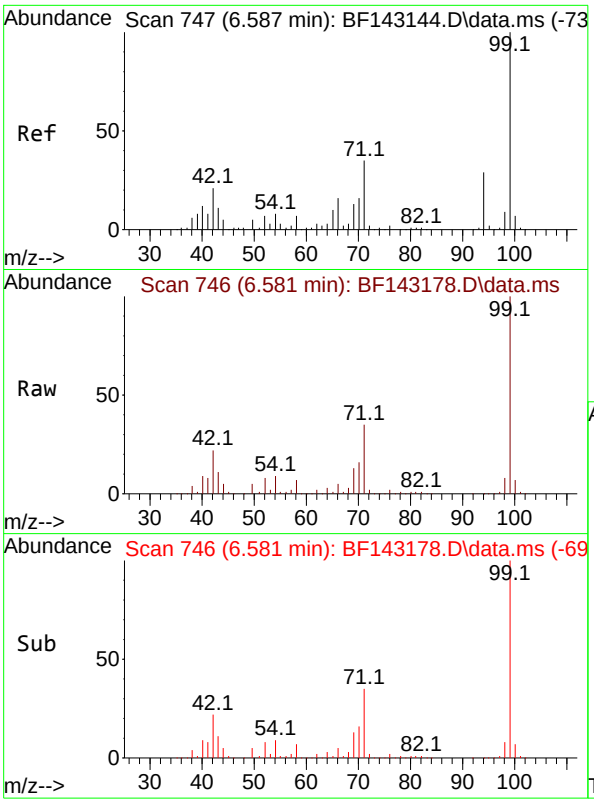




#5
2-Fluorophenol
Concen: 113.404 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:112 Resp: 1037560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.6 | 53.1 | 79.7 |
| 63 | 32.6 | 26.6 | 40.0 |



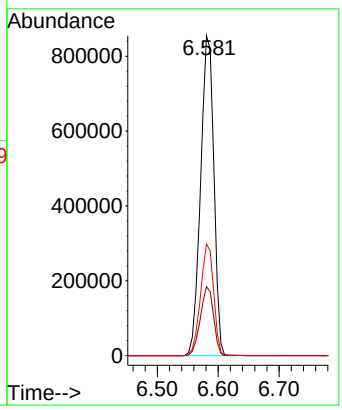


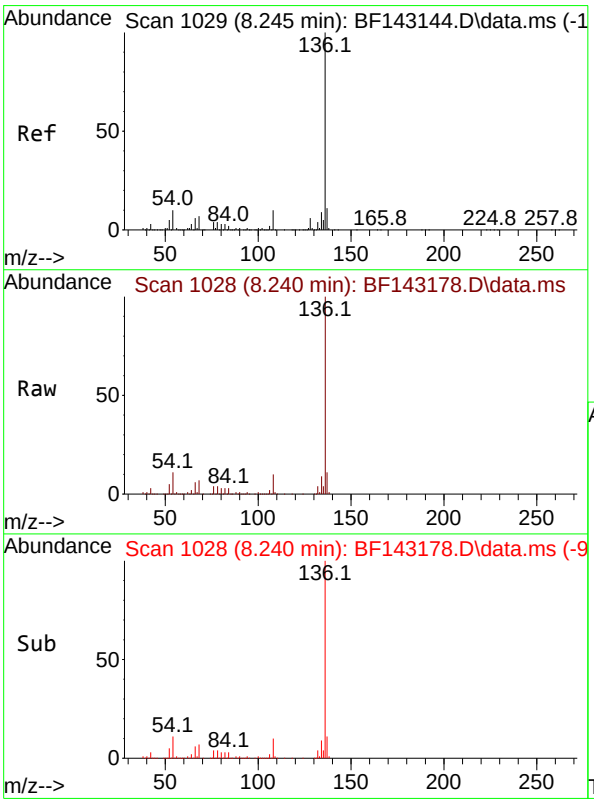

#7
Phenol-d6
Concen: 112.692 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion: 99 Resp: 1297756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 17.0 | 25.6 |
| 71 | 34.9 | 27.7 | 41.5 |

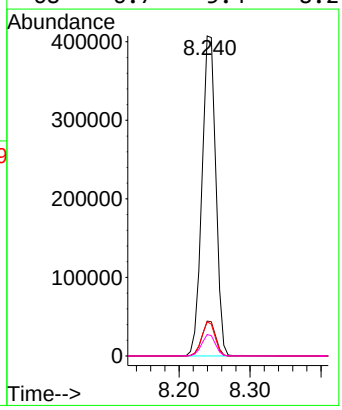


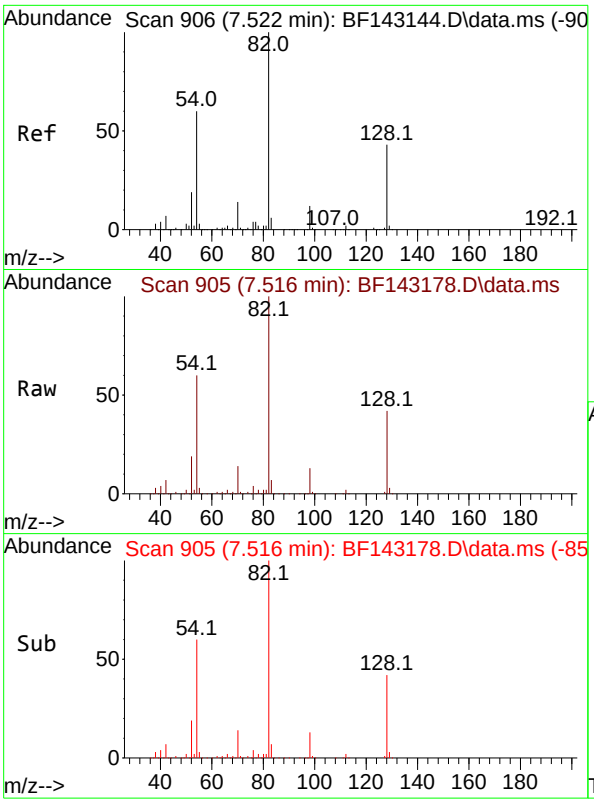




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:136 Resp: 553185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.7 | 8.2 | 12.2 |
| 68 | 6.7 | 5.4 | 8.2 |



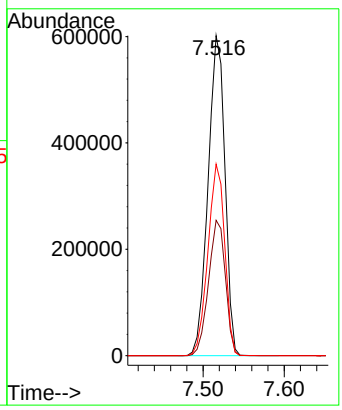


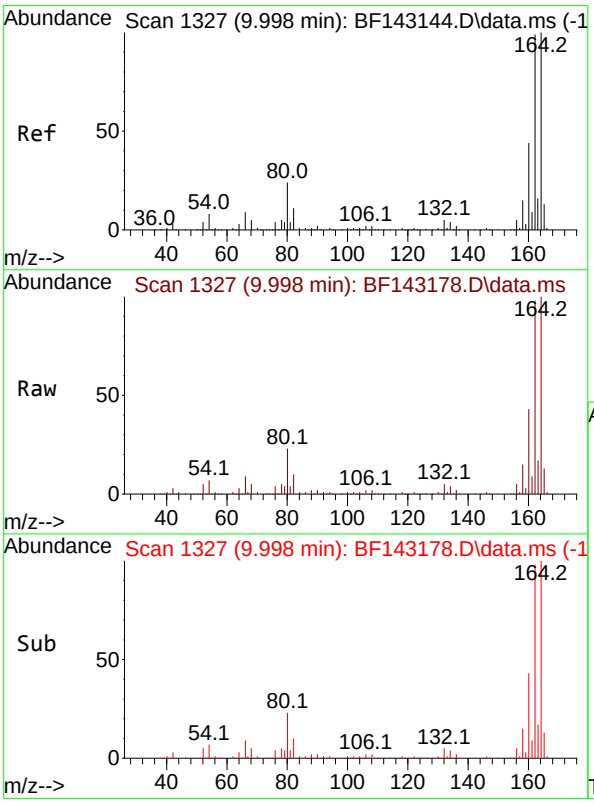

#23
Nitrobenzene-d5
Concen: 78.170 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion: 82 Resp: 867504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.3 | 33.6 | 50.4 |
| 54 | 59.8 | 47.1 | 70.7 |

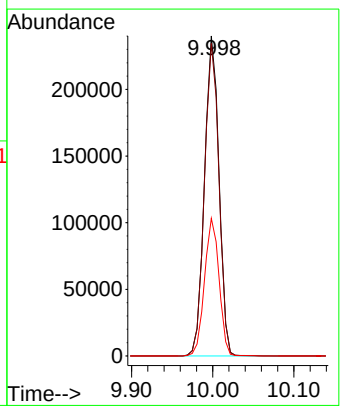


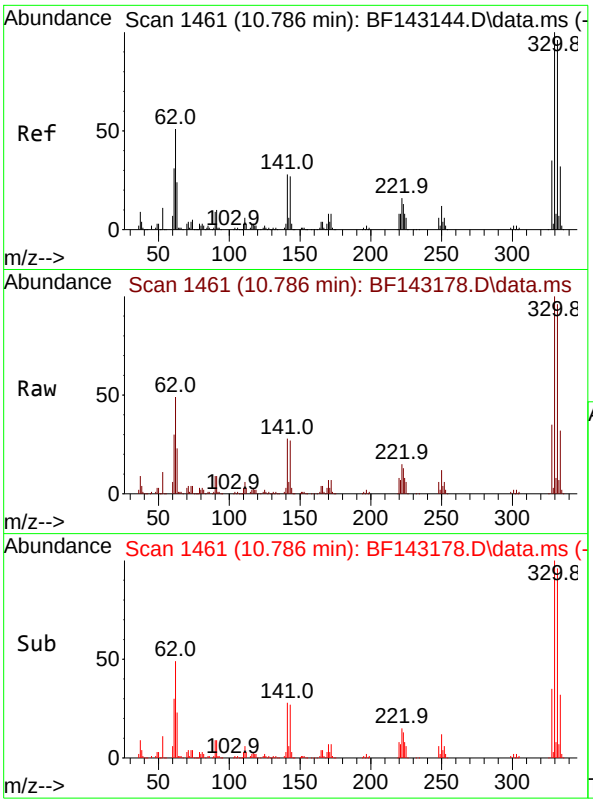




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:164 Resp: 297105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.7 | 79.0 | 118.6 |
| 160 | 43.0 | 35.1 | 52.7 |



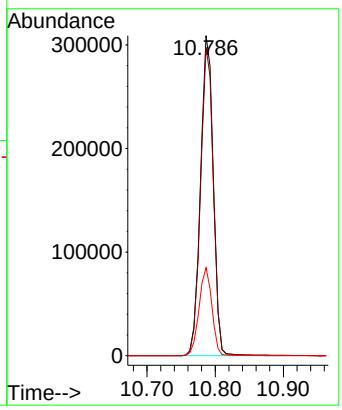


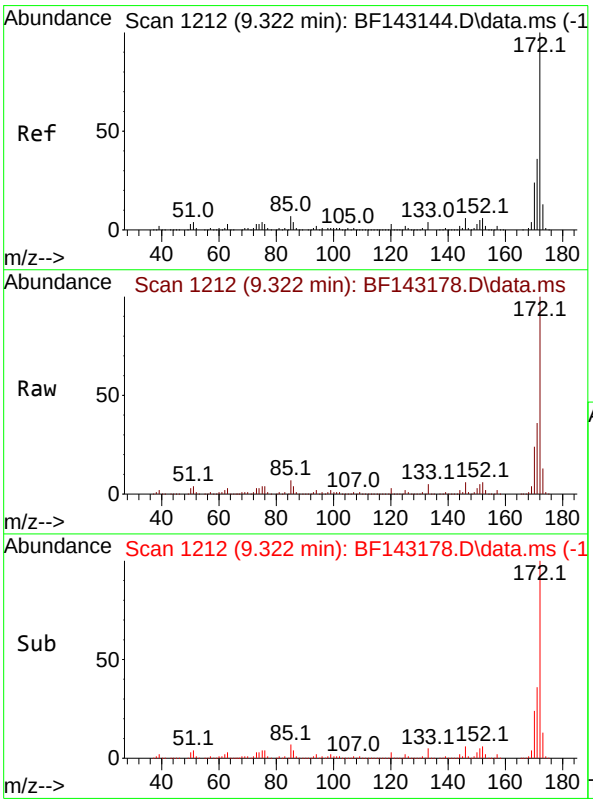

#42
2,4,6-Tribromophenol
Concen: 131.143 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion:330 Resp: 402512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 27.6 | 23.3 | 34.9 |

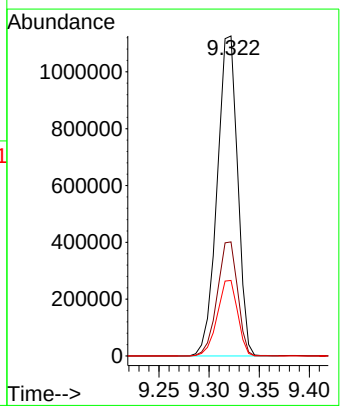


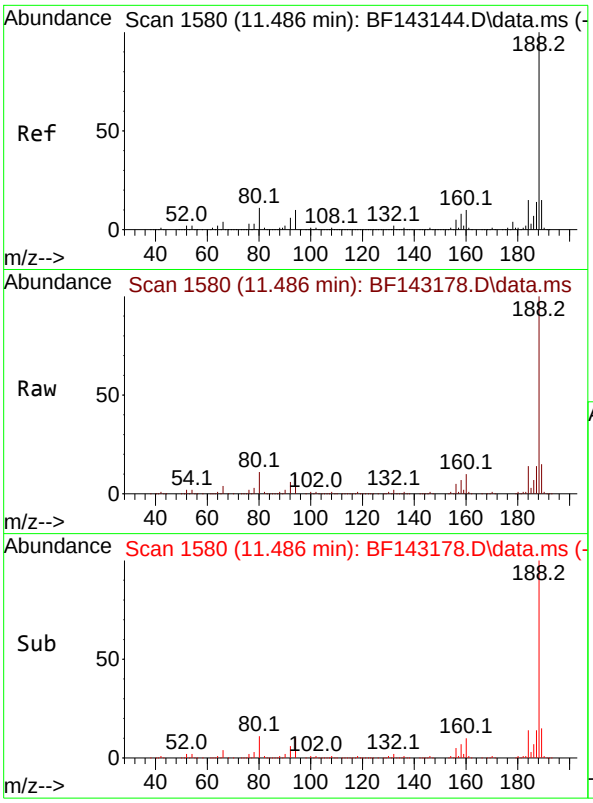




#45
2-Fluorobiphenyl
Concen: 73.478 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:172 Resp: 1596254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.6 | 42.8 |
| 170 | 23.6 | 18.8 | 28.2 |



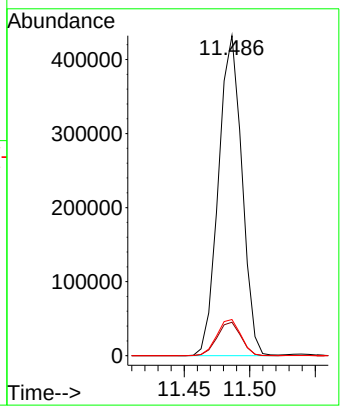


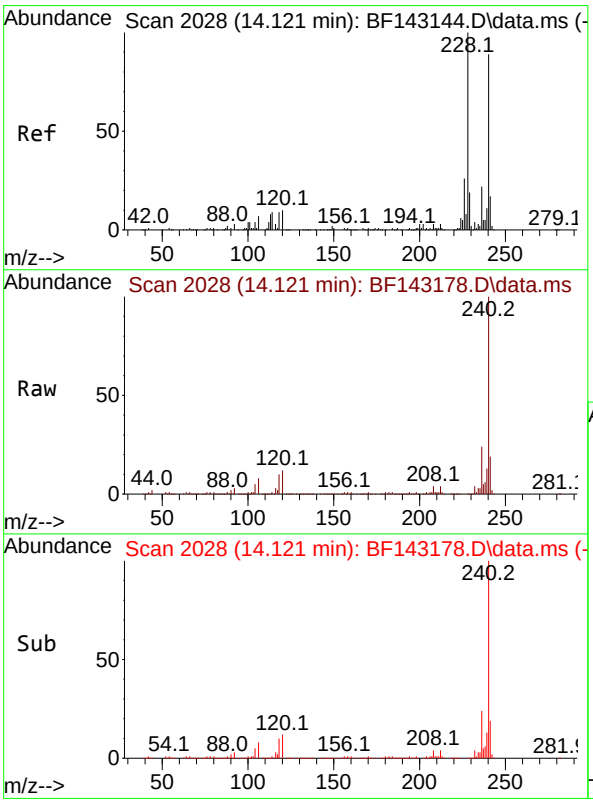

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion:188 Resp: 537789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 8.3 | 12.5 |
| 80 | 11.3 | 9.0 | 13.6 |

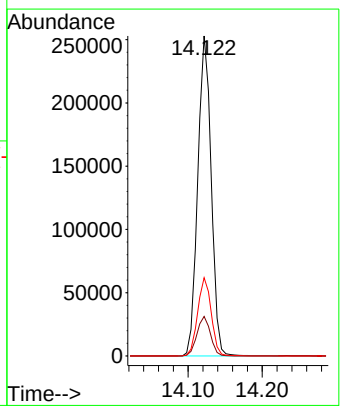


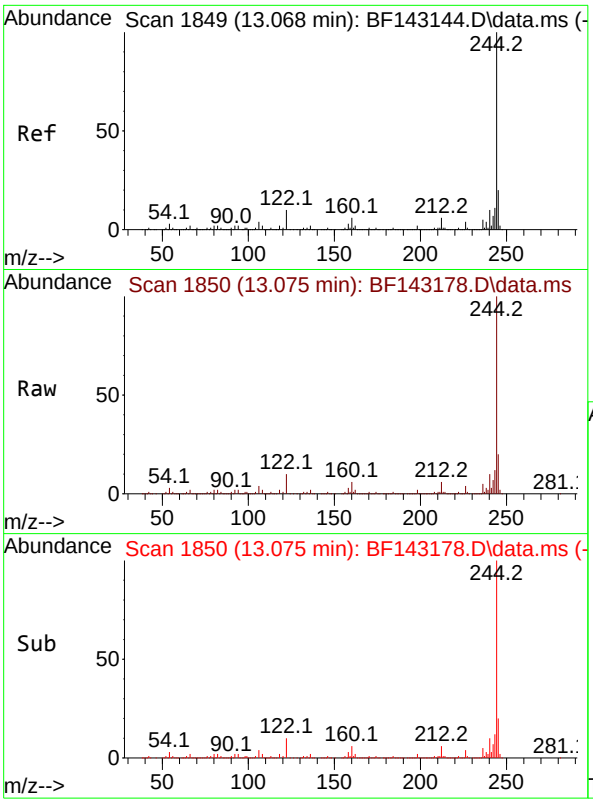




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:240 Resp: 319412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.3 | 9.4 | 14.2 |
| 236 | 24.5 | 20.2 | 30.4 |



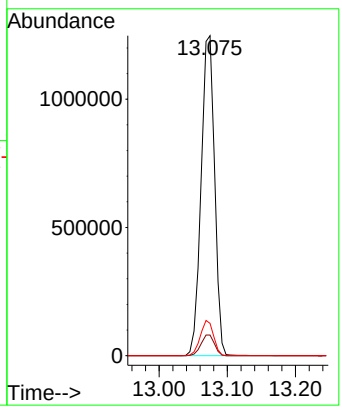


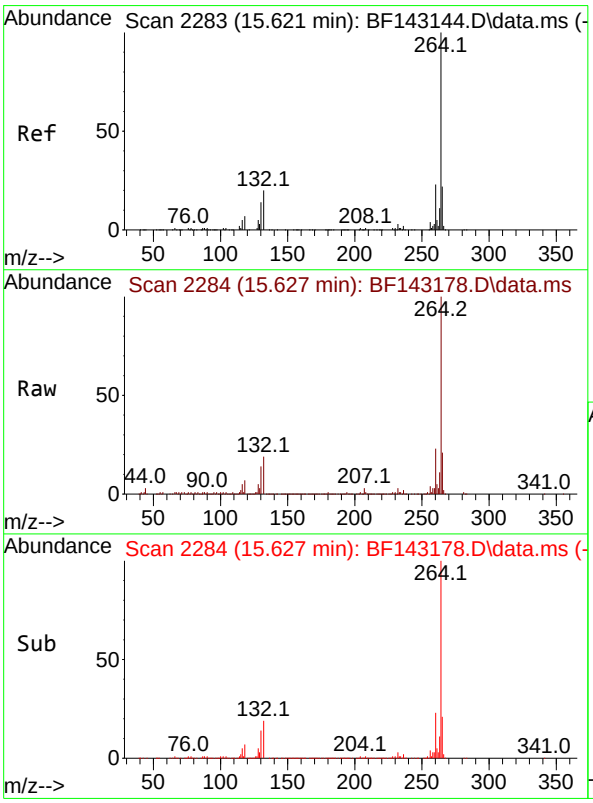

#79
Terphenyl-d14
Concen: 80.016 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Tgt Ion:244 Resp: 1717493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.2 | 7.8 |
| 122 | 10.1 | 8.2 | 12.2 |

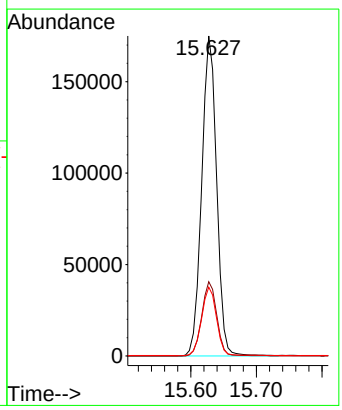



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143178.D
Acq: 22 Jul 2025 09:15

Tgt Ion:264 Resp: 277367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 21.5 | 17.4 | 26.2 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143178.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.216 | 507 | 514 | 526 | rBV | 264026 | 445994 | 9.53% | 1.493% |
| 2 | 5.604 | 573 | 580 | 585 | rBV | 2657887 | 3835507 | 82.00% | 12.836% |
| 3 | 6.581 | 739 | 746 | 752 | rBV | 2550099 | 3862431 | 82.57% | 12.926% |
| 4 | 6.963 | 805 | 811 | 816 | rBV | 712481 | 872004 | 18.64% | 2.918% |
| 5 | 7.516 | 898 | 905 | 911 | rBV | 1831742 | 2646160 | 56.57% | 8.856% |
| 6 | 8.240 | 1022 | 1028 | 1034 | rBV | 857445 | 1151835 | 24.62% | 3.855% |
| 7 | 9.316 | 1204 | 1211 | 1217 | rBV | 3322918 | 4677534 | 100.00% | 15.654% |
| 8 | 9.998 | 1321 | 1327 | 1332 | rBV | 1030254 | 1270956 | 27.17% | 4.253% |
| 9 | 10.786 | 1455 | 1461 | 1466 | rBV | 2223765 | 2898347 | 61.96% | 9.700% |
| 10 | 11.486 | 1574 | 1580 | 1585 | rBV | 1078380 | 1345689 | 28.77% | 4.503% |
| 11 | 13.069 | 1843 | 1849 | 1855 | rBV | 3304967 | 4583932 | 98.00% | 15.341% |
| 12 | 14.122 | 2023 | 2028 | 2036 | rBV | 687637 | 871593 | 18.63% | 2.917% |
| 13 | 15.627 | 2278 | 2284 | 2297 | rBV | 474095 | 771062 | 16.48% | 2.580% |
| 14 | 17.533 | 2598 | 2608 | 2632 | rVB | 126407 | 647987 | 13.85% | 2.169% |

Sum of corrected areas: 29881031

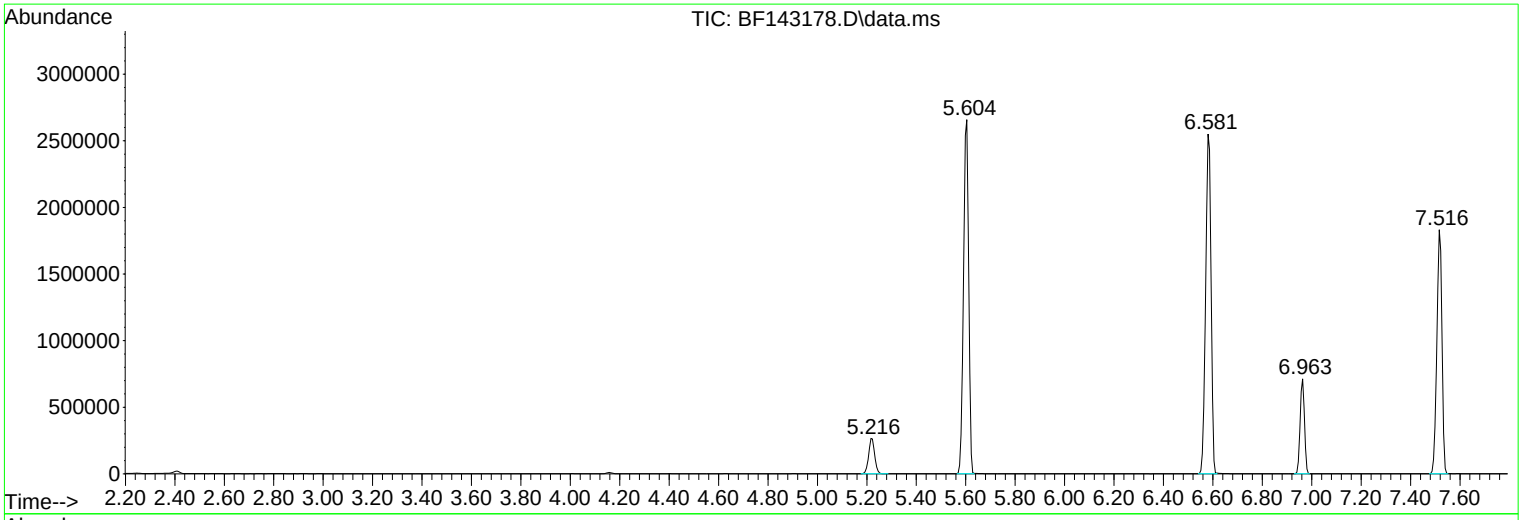
Sample Results: **BF143178.D**

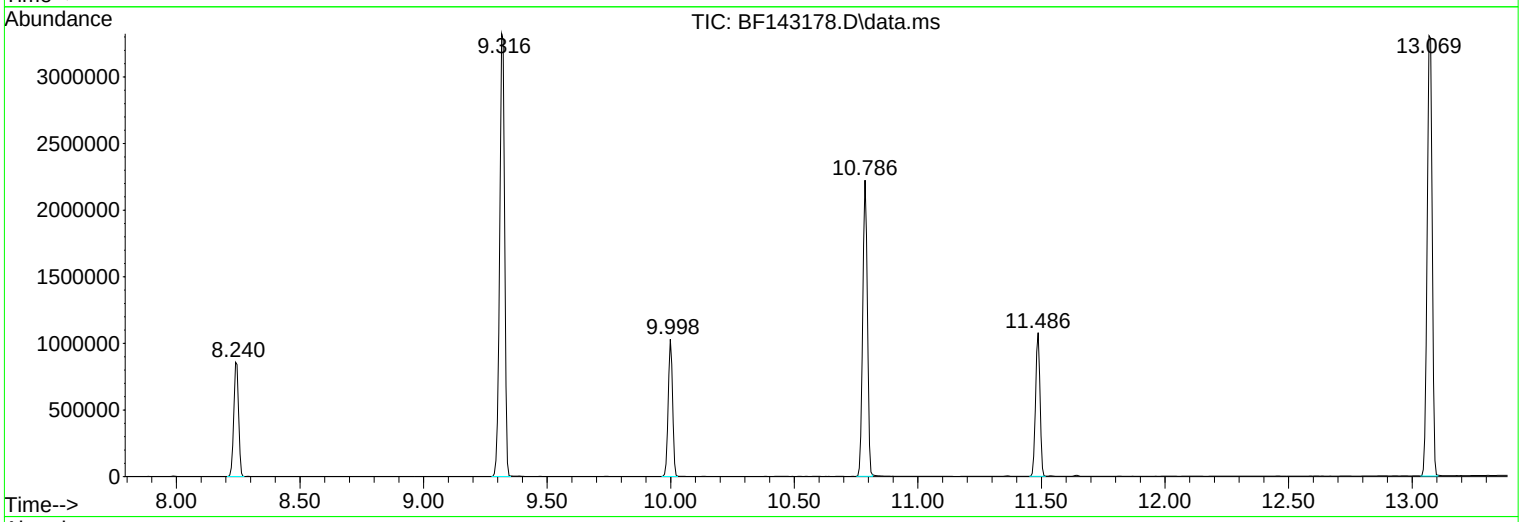
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

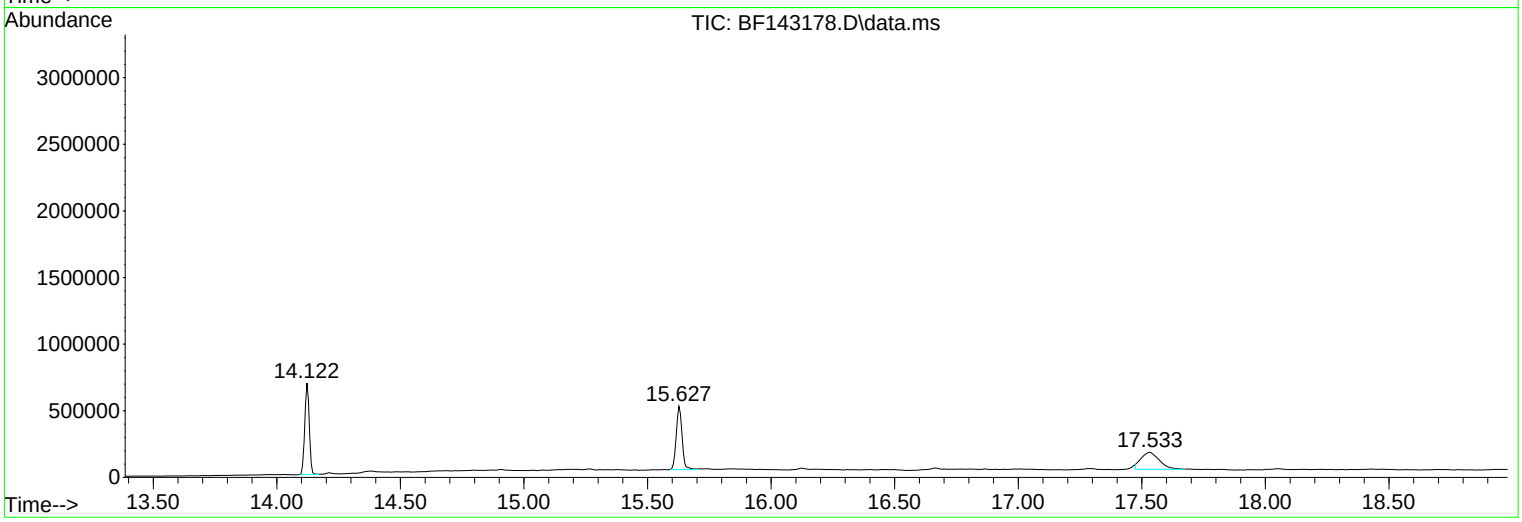
**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

**********

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143178.D
Acq On : 22 Jul 2025 09:15
Operator : RC/JU
Sample : PB168929BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Nobis Group | | | Date Collected: | |
| Project: | Raymark Superfund Site | | | Date Received: | |
| Client Sample ID: | PB168929BS | | | SDG No.: | Q2639 |
| Lab Sample ID: | PB168929BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 | Units: | g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group3 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3541 | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143212.D | 1 | 07/21/25 09:30 | 07/23/25 15:31 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 1.40 | | 0.023 | 0.13 | 0.17 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 1.40 | | 0.026 | 0.13 | 0.17 | mg/Kg |
| 208-96-8 | Acenaphthylene | 1.40 | | 0.029 | 0.13 | 0.17 | mg/Kg |
| 83-32-9 | Acenaphthene | 1.50 | | 0.021 | 0.13 | 0.17 | mg/Kg |
| 86-73-7 | Fluorene | 1.40 | | 0.025 | 0.13 | 0.17 | mg/Kg |
| 85-01-8 | Phenanthrene | 1.40 | | 0.021 | 0.13 | 0.17 | mg/Kg |
| 120-12-7 | Anthracene | 1.40 | | 0.033 | 0.13 | 0.17 | mg/Kg |
| 206-44-0 | Fluoranthene | 1.50 | | 0.030 | 0.13 | 0.17 | mg/Kg |
| 129-00-0 | Pyrene | 1.50 | | 0.036 | 0.13 | 0.17 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 1.50 | | 0.023 | 0.13 | 0.17 | mg/Kg |
| 218-01-9 | Chrysene | 1.40 | | 0.020 | 0.13 | 0.17 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1.50 | | 0.019 | 0.13 | 0.17 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1.50 | | 0.022 | 0.13 | 0.17 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 1.50 | | 0.030 | 0.13 | 0.17 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.50 | | 0.029 | 0.13 | 0.17 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.50 | | 0.027 | 0.13 | 0.17 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1.50 | | 0.026 | 0.13 | 0.17 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 77.9 | | 37 - 122 | | 78% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 71.0 | | 44 - 115 | | 71% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 78.7 | | 54 - 127 | | 79% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 127000 | 6.963 | | | | |
| 1146-65-2 | Naphthalene-d8 | 497000 | 8.245 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 269000 | 10.004 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 457000 | 11.486 | | | | |
| 1719-03-5 | Chrysene-d12 | 257000 | 14.127 | | | | |
| 1520-96-3 | Perylene-d12 | 259000 | 15.627 | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Nobis Group | | | Date Collected: | |
| Project: | Raymark Superfund Site | | | Date Received: | |
| Client Sample ID: | PB168929BS | | | SDG No.: | Q2639 |
| Lab Sample ID: | PB168929BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | | | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 | Units: | g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group3 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3541 | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143212.D | 1 | 07/21/25 09:30 | 07/23/25 15:31 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 127346 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 497233 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 269042 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 457175 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 257414 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 259291 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.610 | 112 | 856356 | 106.415 | ng | | 0.02 |
| 7) Phenol-d6 | 6.593 | 99 | 1087717 | 107.386 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 776976 | 77.891 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 327822 | 117.949 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1397519 | 71.040 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1360738 | 78.664 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.905 | 88 | 127224 | 33.411 | ng | | 99 |
| 3) Pyridine | 3.658 | 79 | 353529 | 35.770 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 208931 | 40.945 | ng | | 97 |
| 6) Aniline | 6.628 | 93 | 446346 | 31.618 | ng | | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 355572 | 42.153 | ng | | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 240055 | 31.606 | ng | | 97 |
| 10) Phenol | 6.610 | 94 | 456674 | 41.386 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 344126 | 40.731 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 372518 | 40.653 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 377541 | 40.912 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 364259 | 41.502 | ng | | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 331900 | 42.914 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 639401 | 40.797 | ng | | 97 |
| 17) 2-Methylphenol | 7.210 | 107 | 298687 | 42.113 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 136455 | 42.714 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 262936 | 40.461 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 359582 | 41.787 | ng | # | 80 |
| 22) Acetophenone | 7.369 | 105 | 482041 | 40.948 | ng | # | 96 |
| 24) Nitrobenzene | 7.540 | 77 | 393984 | 42.364 | ng | | 100 |
| 25) Isophorone | 7.781 | 82 | 738787 | 41.954 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 193942 | 48.051 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.893 | 122 | 342191 | 41.592 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 439929 | 41.668 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 295824 | 42.636 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 318755 | 42.525 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1019308 | 41.625 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 231444 | 49.730 | ng | | 99 |
| 33) 4-Chloroaniline | 8.304 | 127 | 180929 | 18.095 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.387 | 225 | 196852 | 42.990 | ng | | 99 |
| 35) Caprolactam | 8.675 | 113 | 103126m | 49.186 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.793 | 107 | 335805 | 44.529 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 637504 | 42.782 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 659370 | 42.971 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 310898 | 40.025 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 434132 | 85.897 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 222483 | 41.386 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 236559 | 43.991 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 870859 | 41.488 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 644057 | 41.468 | ng | | 99 |
| 48) 2-Nitroaniline | 9.534 | 65 | 222155 | 45.611 | ng | | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1097730 | 42.174 | ng | | 99 |
| 50) Dimethylphthalate | 9.716 | 163 | 772585 | 44.055 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 170575 | 47.813 | ng | | 99 |
| 52) Acenaphthene | 10.039 | 154 | 703577 | 45.734 | ng | | 97 |
| 53) 3-Nitroaniline | 9.945 | 138 | 126346 | 30.278 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 175905 | 106.394 | ng | # | 1 |
| 55) Dibenzofuran | 10.210 | 168 | 946920 | 41.458 | ng | | 100 |
| 56) 4-Nitrophenol | 10.104 | 139 | 288611 | 92.622 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 230038 | 51.396 | ng | | 96 |
| 58) Fluorene | 10.551 | 166 | 731345 | 42.663 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 183839 | 41.271 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 770778 | 44.467 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 370456 | 43.401 | ng | | 100 |
| 62) 4-Nitroaniline | 10.563 | 138 | 172252 | 48.165 | ng | | 97 |
| 63) Azobenzene | 10.698 | 77 | 767093 | 42.462 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 117398 | 48.873 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 663950 | 41.243 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 229335 | 42.093 | ng | | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 237782 | 41.755 | ng | | 97 |
| 69) Atrazine | 11.181 | 200 | 212724 | 47.930 | ng | | 100 |
| 70) Pentachlorophenol | 11.292 | 266 | 199919 | 59.697 | ng | | 99 |
| 71) Phenanthrene | 11.516 | 178 | 1013473 | 41.750 | ng | | 99 |
| 72) Anthracene | 11.563 | 178 | 1042962 | 42.127 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 936735 | 43.331 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1158302 | 47.353 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1021601 | 45.851 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 439225 | 44.288 | ng | | 99 |
| 78) Pyrene | 12.928 | 202 | 997507 | 45.405 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 388473 | 57.747 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 768789 | 44.609 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.069 | 252 | 130418 | 22.706 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 667015 | 43.047 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 509639 | 50.052 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 801994 | 43.453 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 801110 | 43.816 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 699919 | 44.186 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 629517 | 44.536 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.563 | 252 | 650257 | 44.555 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 650784 | 43.731 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.639 | 276 | 645025 | 44.808 | ng | | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

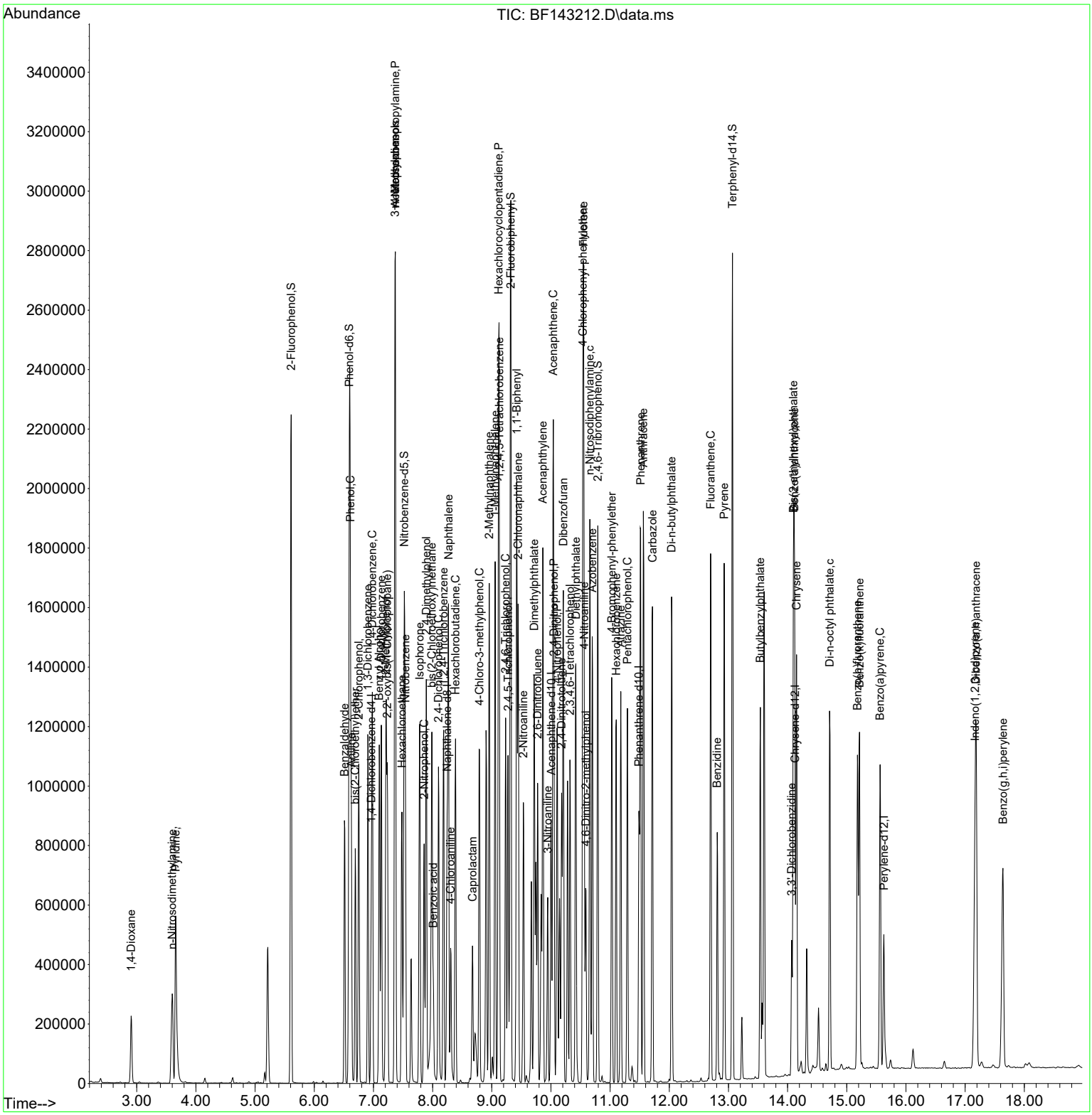
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

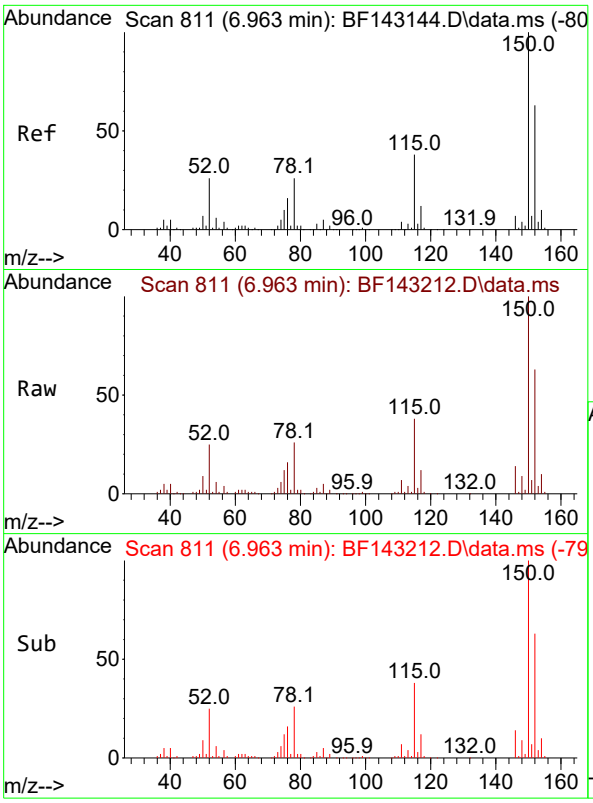
Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

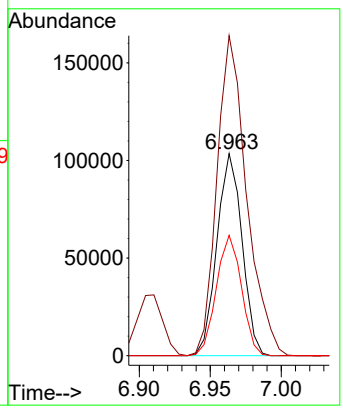





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:152 Resp: 12734

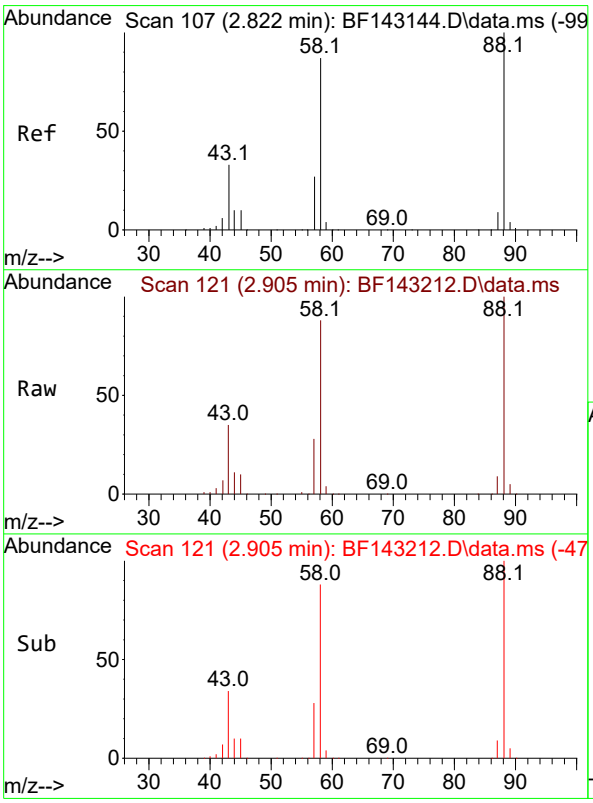
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 128.2 | 192.4 |
| 115 | 59.6 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

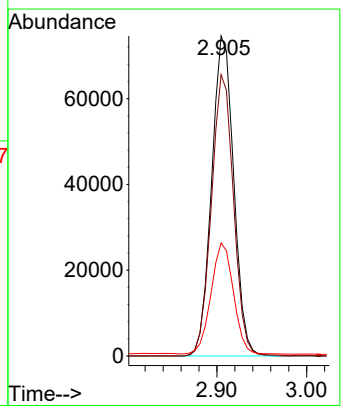
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

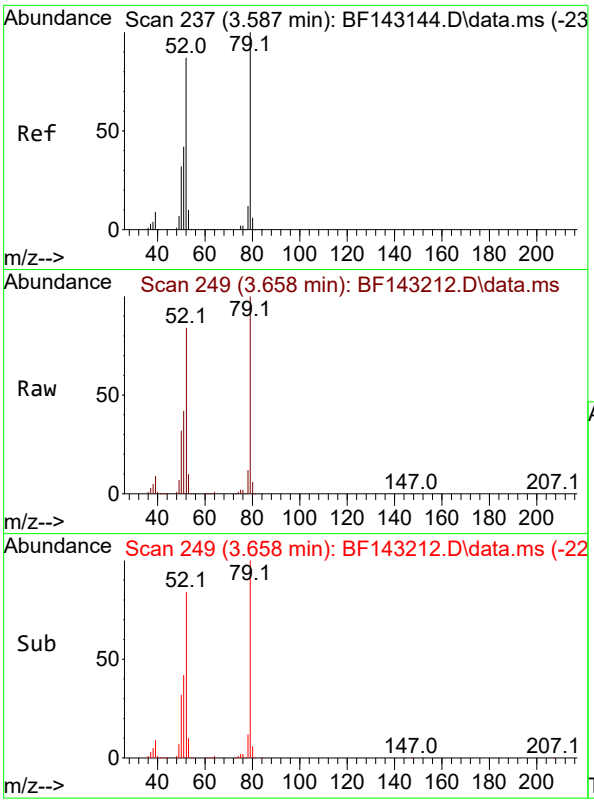



#2
1,4-Dioxane
Concen: 33.411 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.083 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 88 Resp: 127224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.3 | 70.2 | 105.2 |
| 43 | 35.3 | 27.1 | 40.7 |

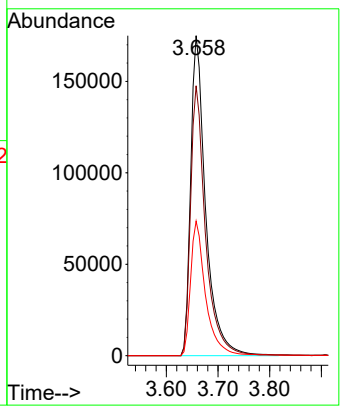





#3
Pyridine
Concen: 35.770 ng
RT: 3.658 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 79 Resp: 353529

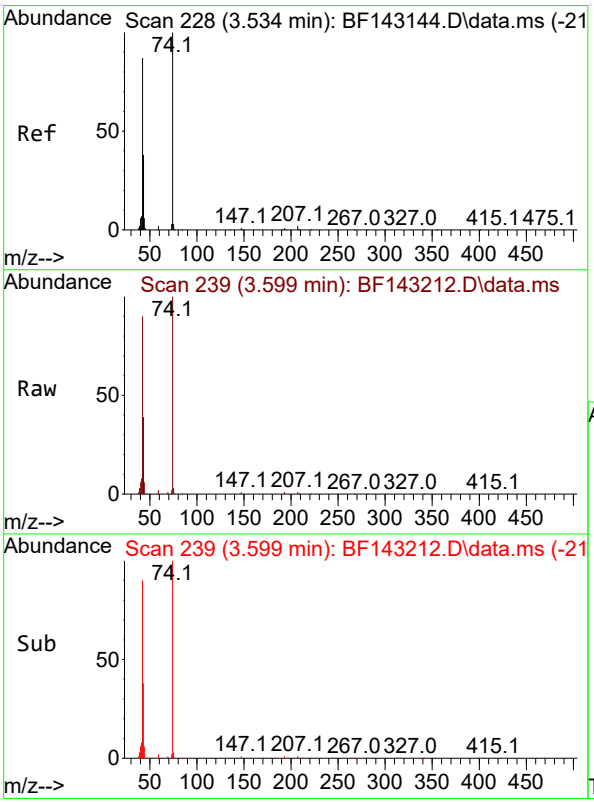
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.3 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

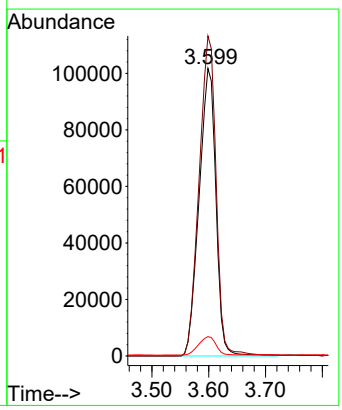
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

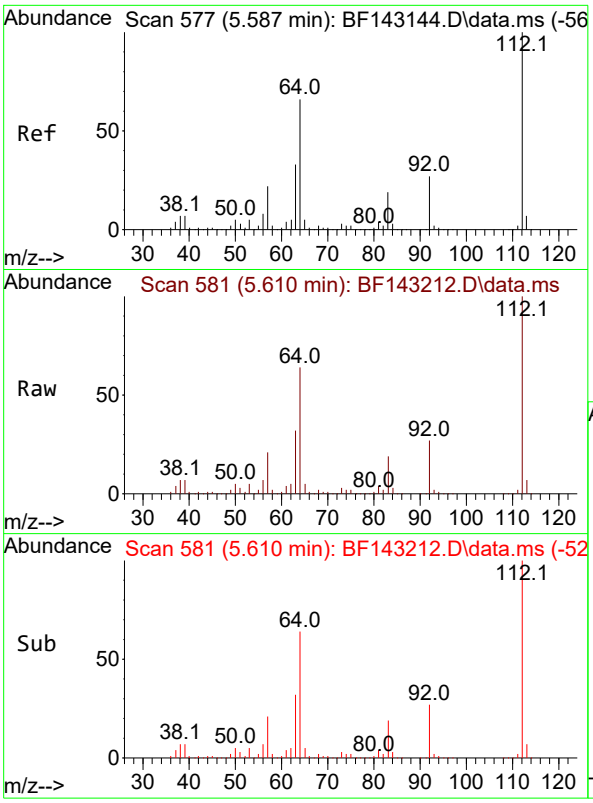



#4
n-Nitrosodimethylamine
Concen: 40.945 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 42 Resp: 208931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.3 | 91.7 | 137.5 |
| 44 | 6.7 | 5.6 | 8.4 |

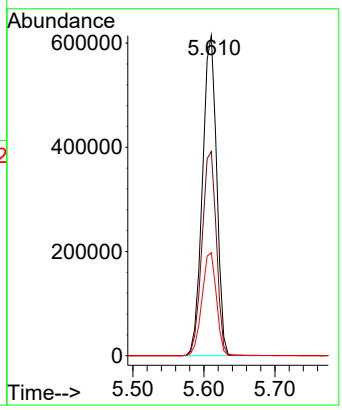





#5
2-Fluorophenol
Concen: 106.415 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:112 Resp: 85635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.8 | 53.1 | 79.7 |
| 63 | 32.2 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

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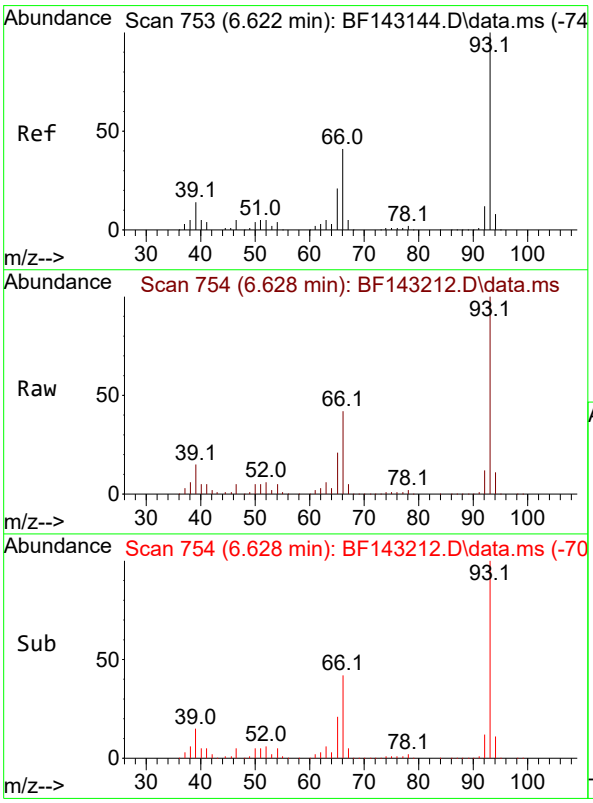
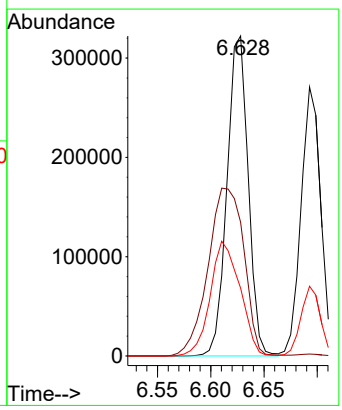
Supervised By :Jagrut Upadhyay 07/24/2025

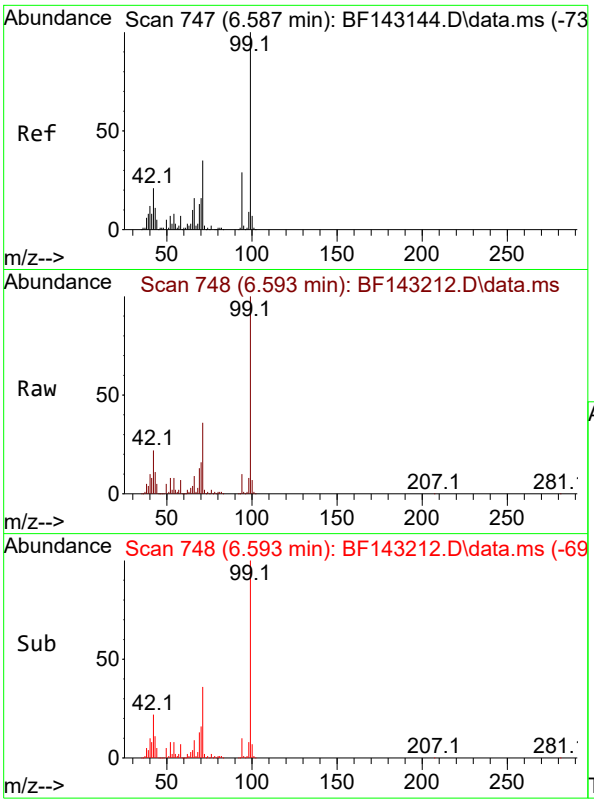



#6
Aniline
Concen: 31.618 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 446346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.8 | 33.2 | 49.8 |
| 65 | 21.2 | 16.9 | 25.3 |

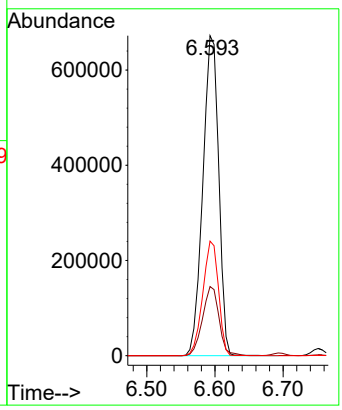





#7
Phenol-d6
Concen: 107.386 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 99 Resp: 108771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 17.0 | 25.6 |
| 71 | 35.8 | 27.7 | 41.5 |




**Instrument :**
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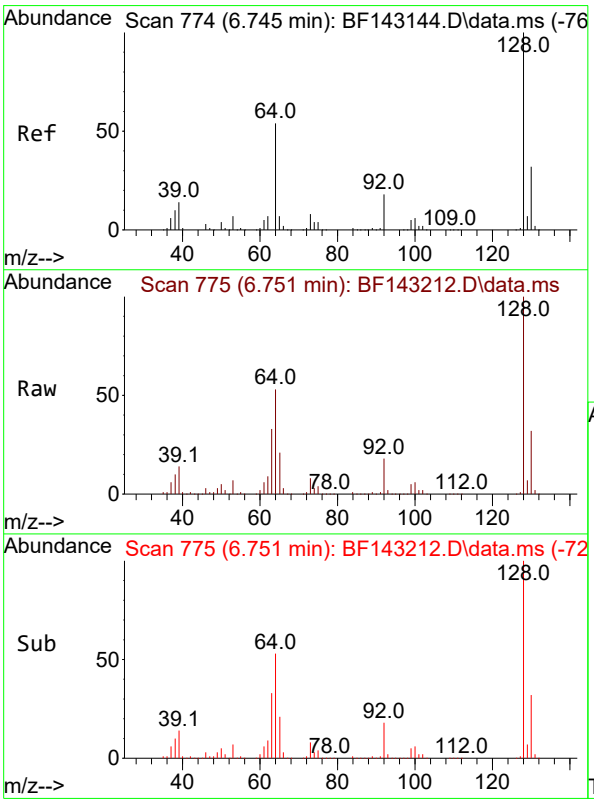
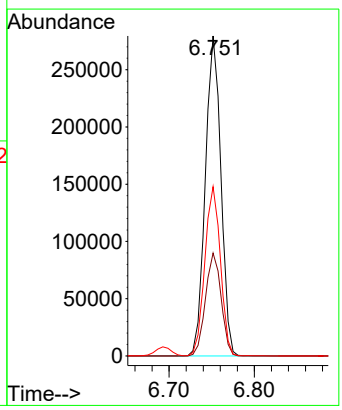
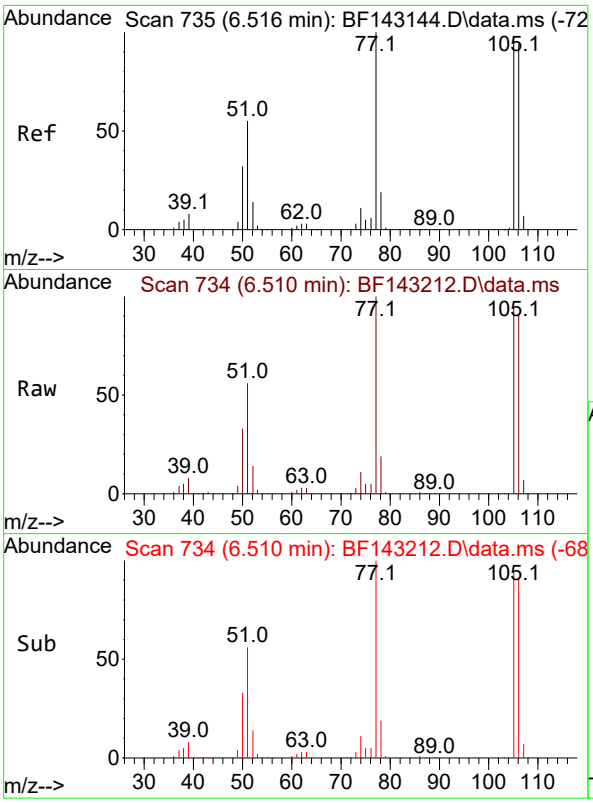



#8
2-Chlorophenol
Concen: 42.153 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:128 Resp: 355572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.3 | 52.3 |
| 64 | 52.9 | 35.9 | 75.9 |

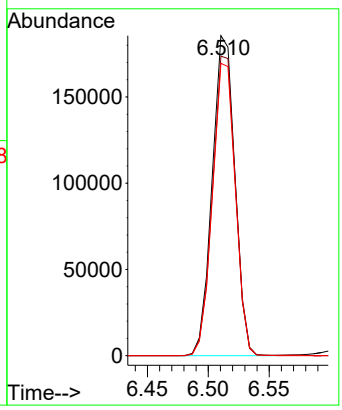





#9
Benzaldehyde
Concen: 31.606 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 24005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.6 | 76.8 | 116.8 |
| 106 | 91.3 | 74.4 | 114.4 |

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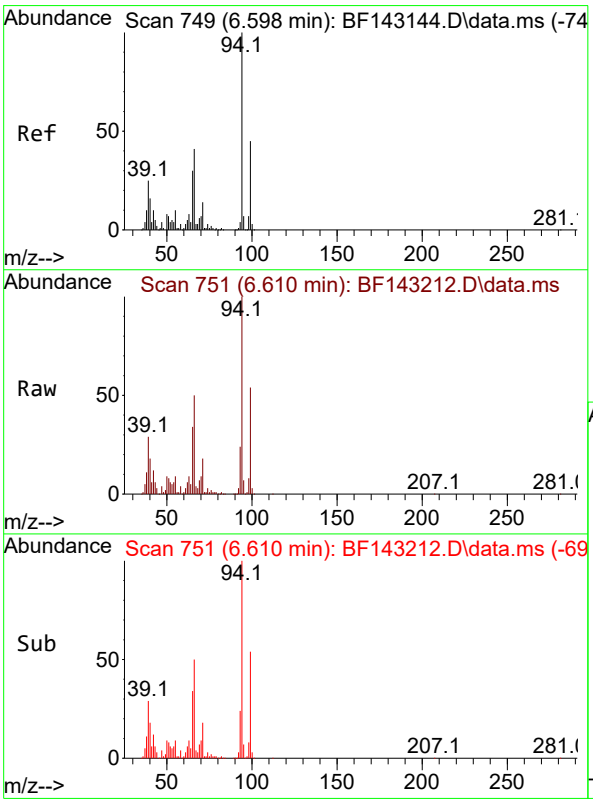
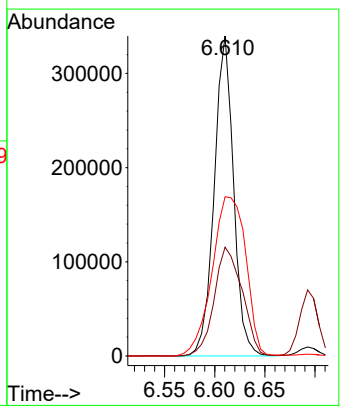
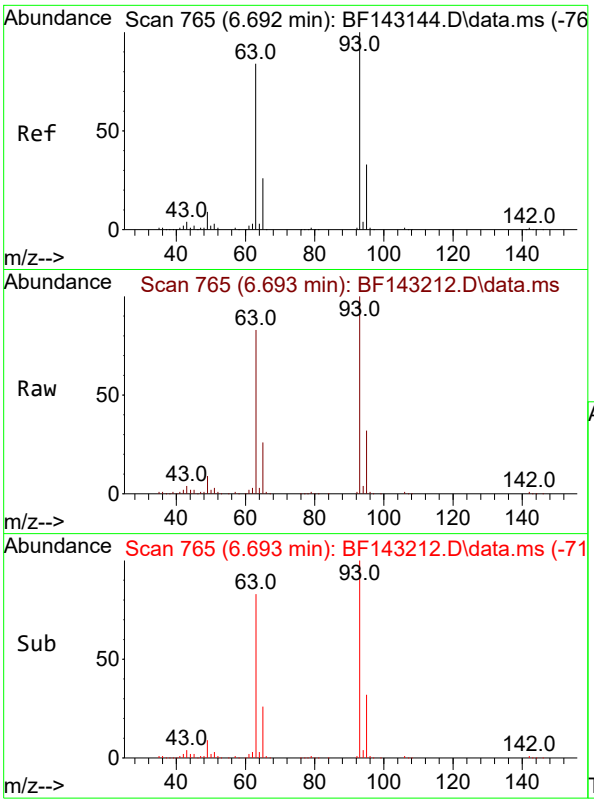



#10
Phenol
Concen: 41.386 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 94 Resp: 456674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.0 | 10.0 | 50.0 |
| 66 | 49.7 | 20.8 | 60.8 |






#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 34412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.1 | 63.4 | 103.4 |
| 95 | 32.5 | 12.4 | 52.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
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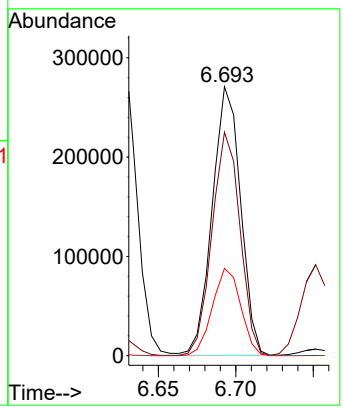
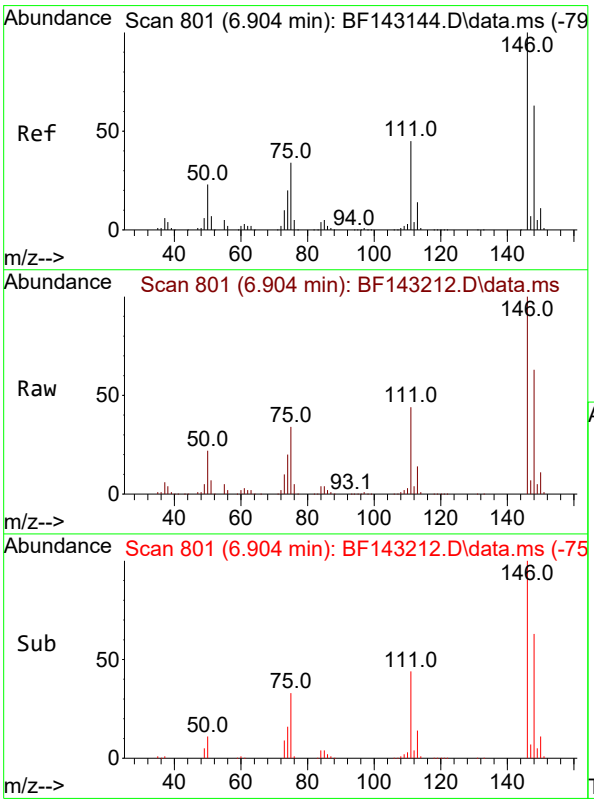
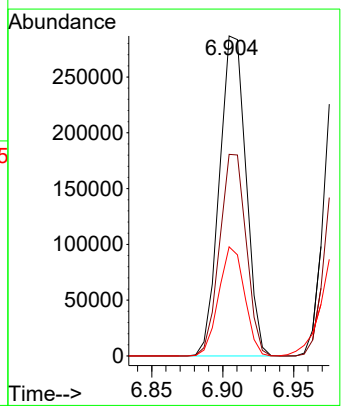


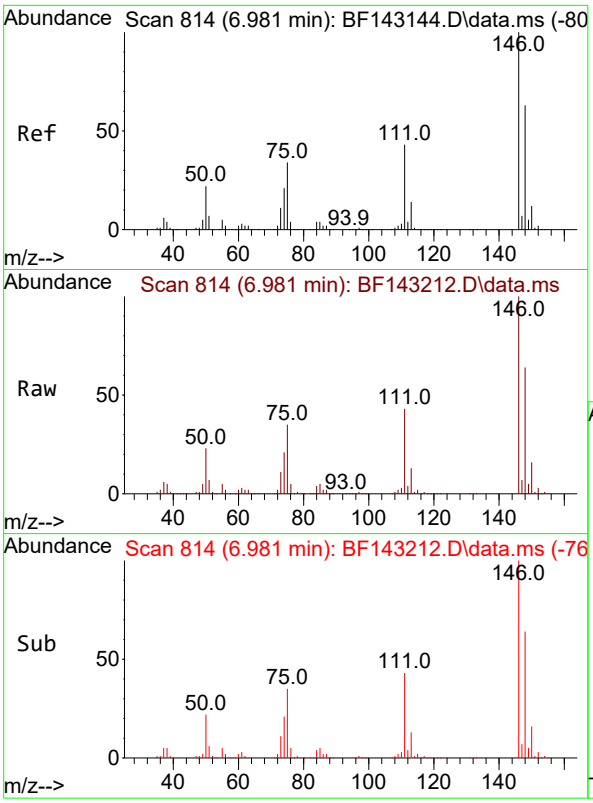




#12
1,3-Dichlorobenzene
Concen: 40.653 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 372518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 75 | 34.1 | 27.4 | 41.2 |

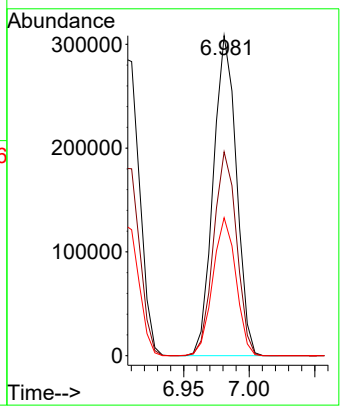





#13
1,4-Dichlorobenzene
Concen: 40.912 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 37754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.3 | 75.5 |
| 111 | 43.1 | 34.4 | 51.6 |

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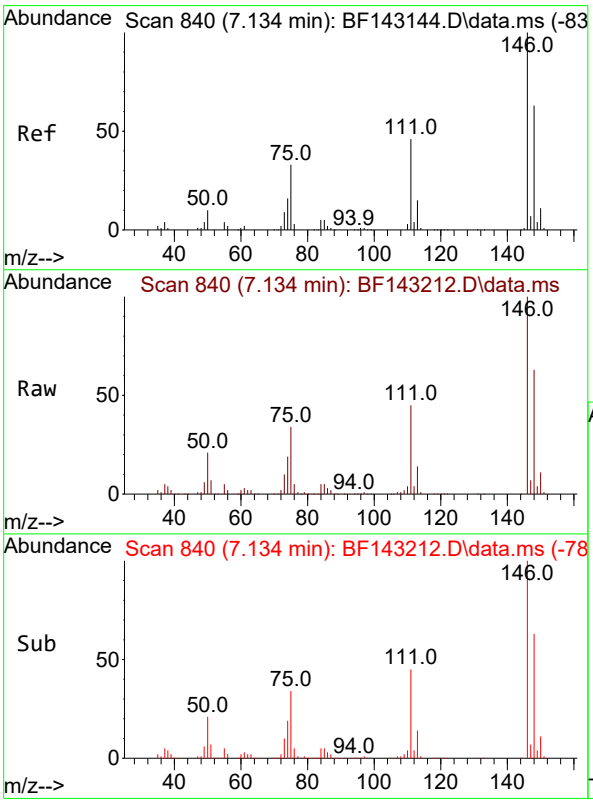
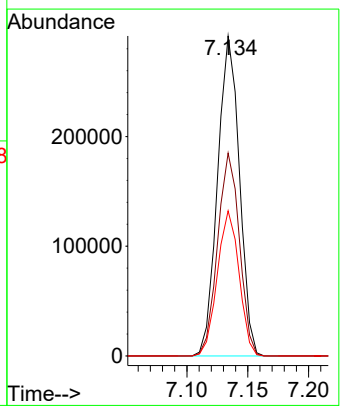
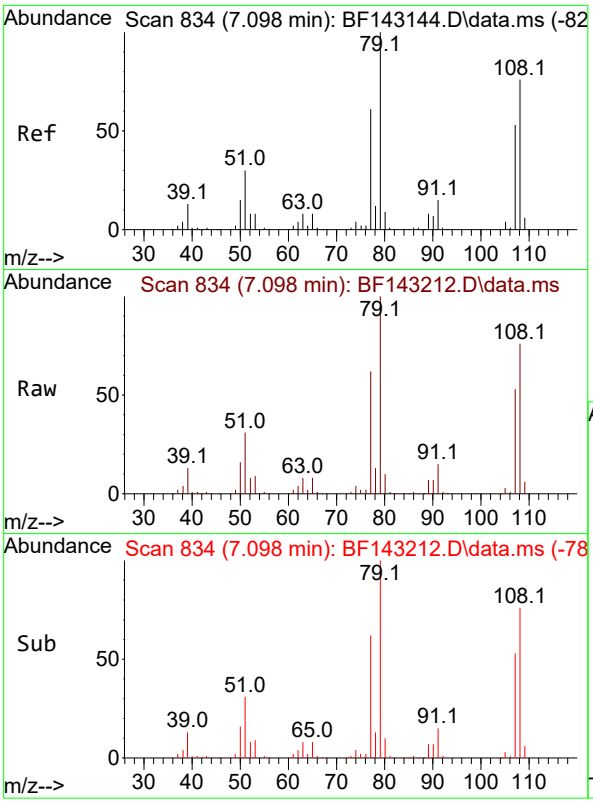



#14
1,2-Dichlorobenzene
Concen: 41.502 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 364259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 45.4 | 36.6 | 54.8 |

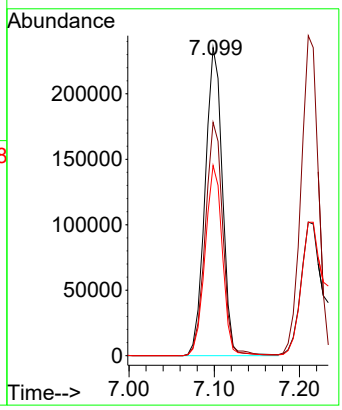





#15
Benzyl Alcohol
Concen: 42.914 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 79 Resp: 33190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.7 | 61.1 | 91.7 |
| 77 | 61.7 | 48.9 | 73.3 |

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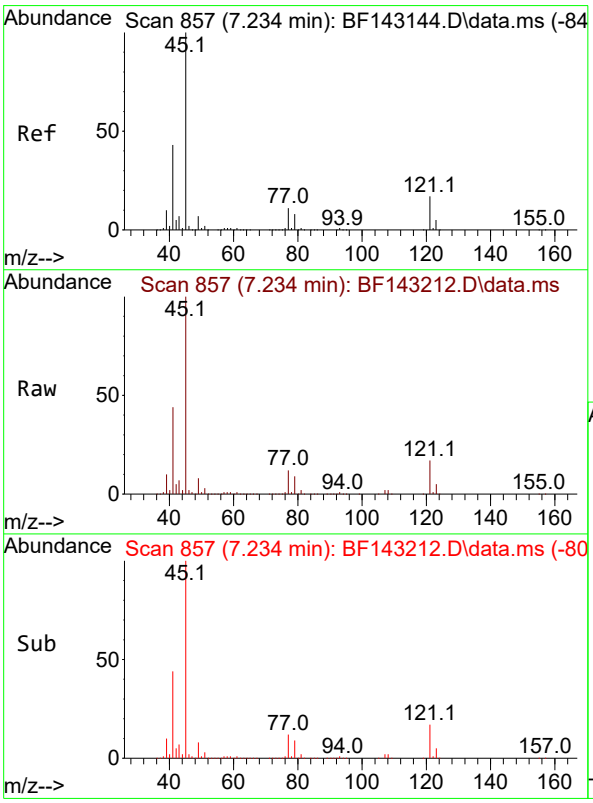
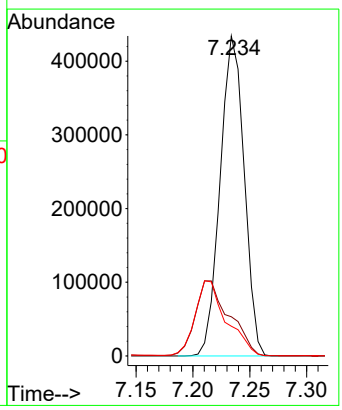
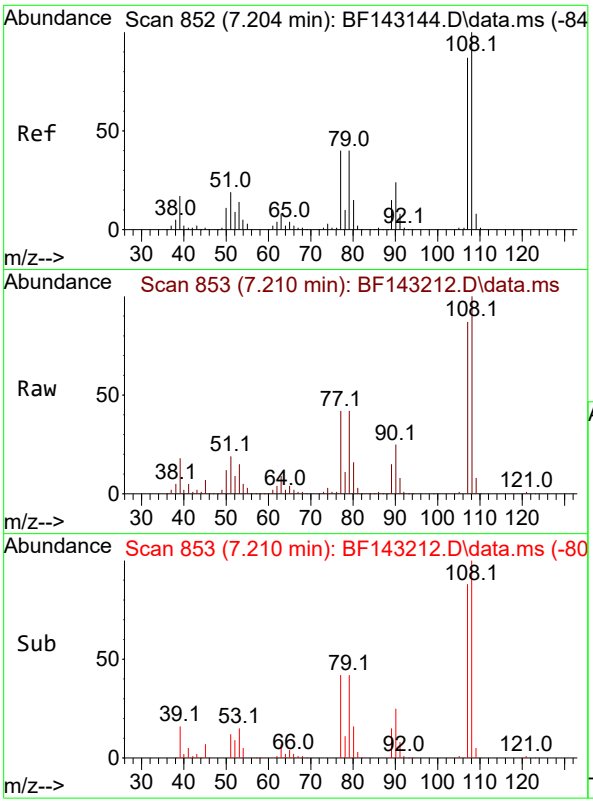



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.797 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 45 Resp: 639401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.3 | 0.0 | 31.2 |
| 79 | 9.3 | 0.0 | 28.5 |

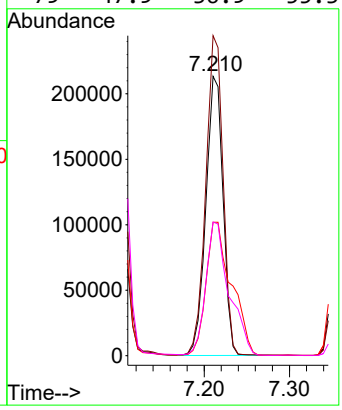





#17
2-Methylphenol
Concen: 42.113 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 29868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.5 | 91.8 | 137.6 |
| 77 | 47.8 | 37.0 | 55.6 |
| 79 | 47.9 | 36.9 | 55.3 |




**Instrument :**
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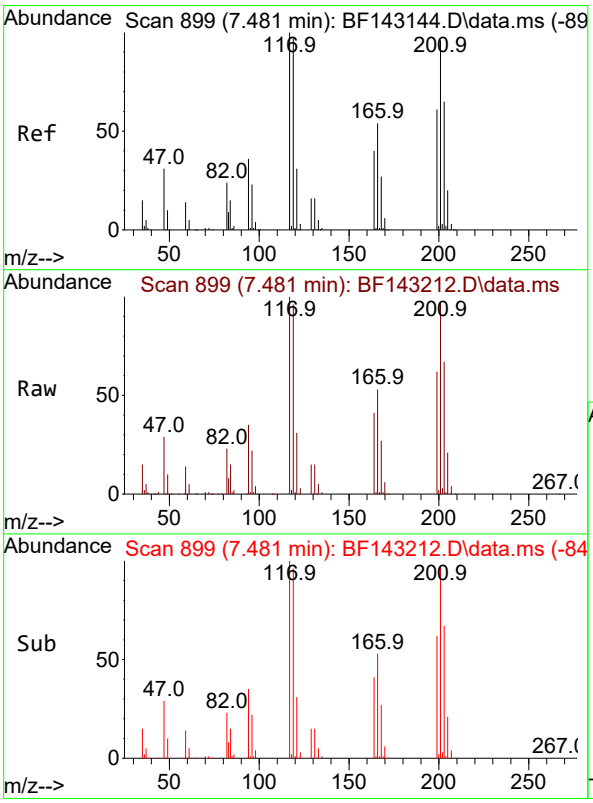
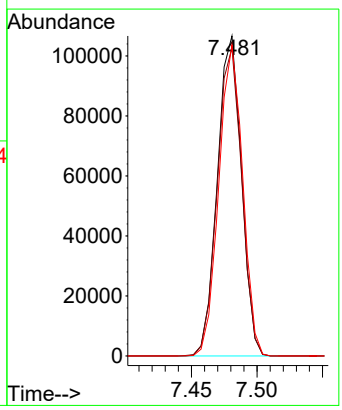
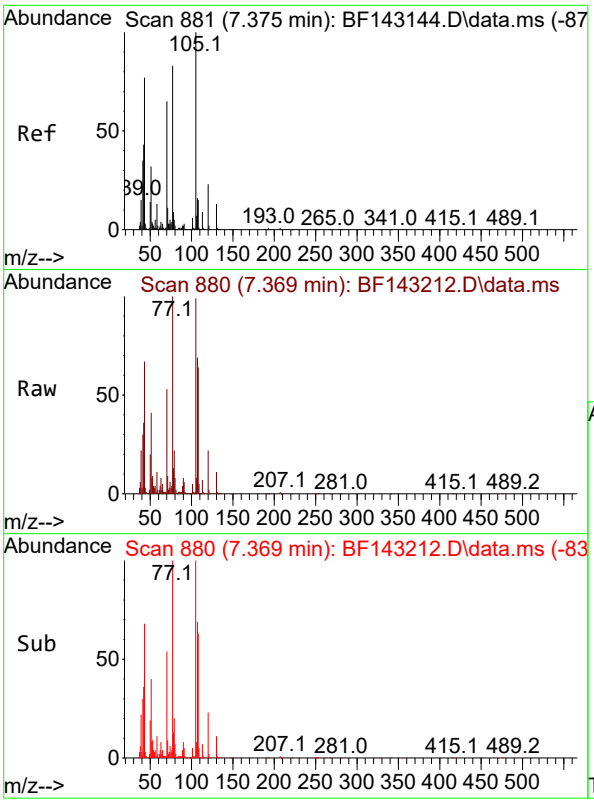



#18
Hexachloroethane
Concen: 42.714 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:117 Resp: 136455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 77.8 | 116.8 |
| 201 | 97.2 | 77.0 | 115.4 |

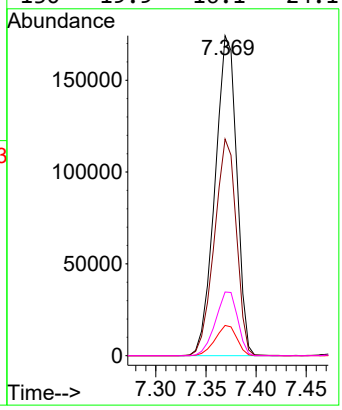





#19
n-Nitroso-di-n-propylamine
Concen: 40.461 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 70 Resp: 26293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.7 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |

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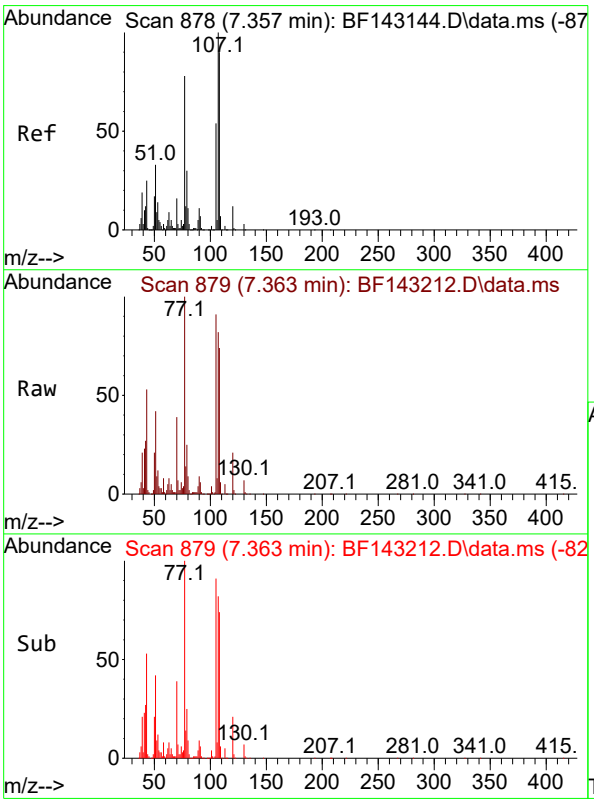
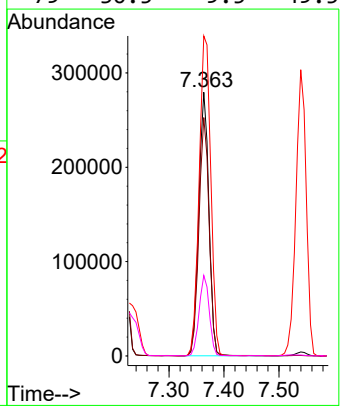
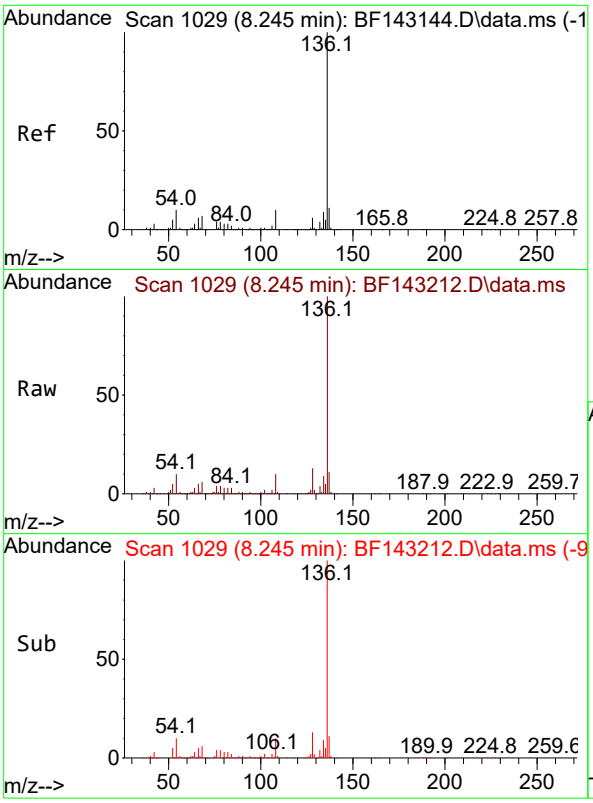



#20
3+4-Methylphenols
Concen: 41.787 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 359582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 70.0 | 110.0 |
| 77 | 121.4 | 57.8 | 97.8# |
| 79 | 30.5 | 9.5 | 49.5 |

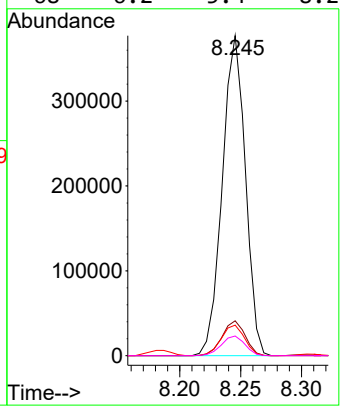





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:136 Resp: 49723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 9.5 | 8.2 | 12.2 |
| 68 | 6.2 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

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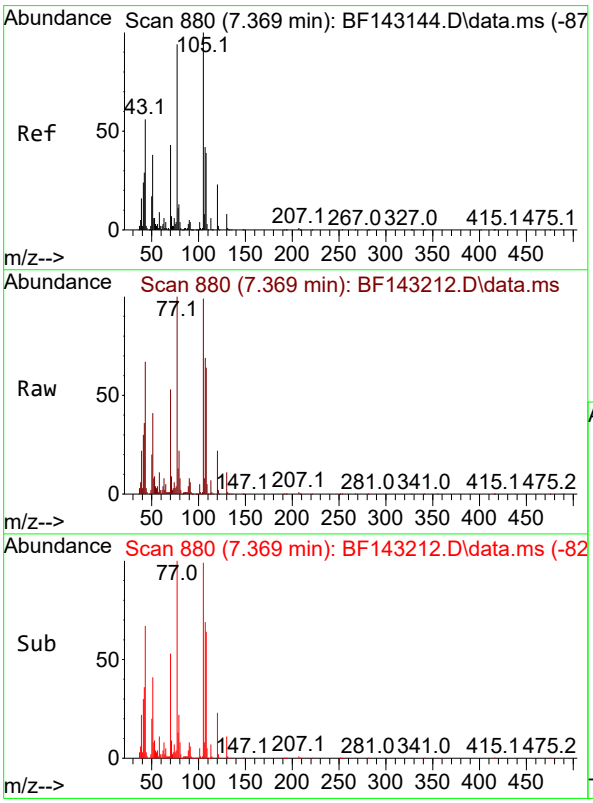
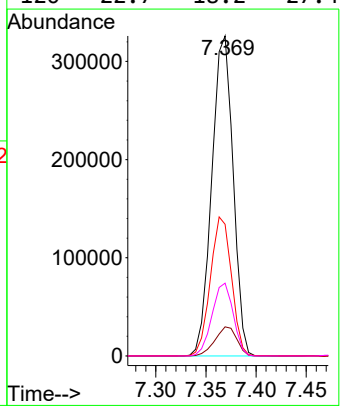
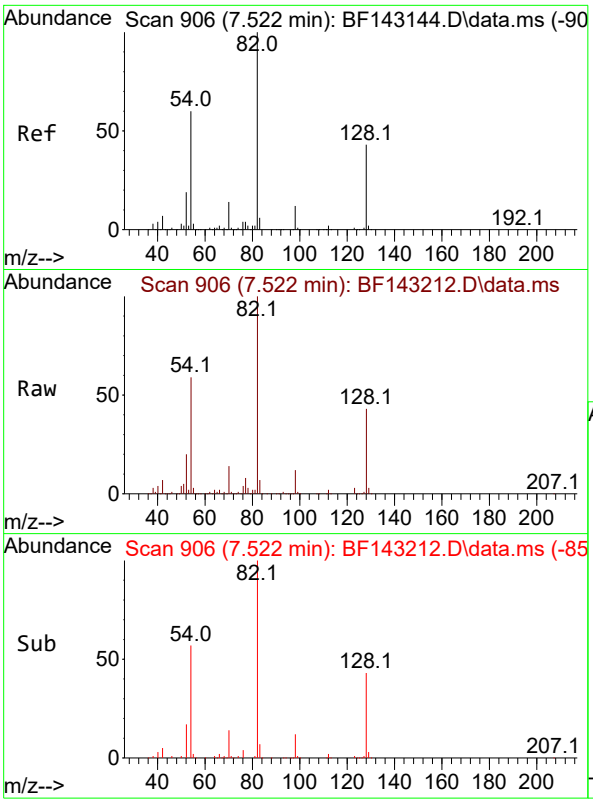



#22
Acetophenone
Concen: 40.948 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:105 Resp: 482041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.1 | 5.8 | 8.6# |
| 51 | 41.1 | 30.2 | 45.2 |
| 120 | 22.7 | 18.2 | 27.4 |

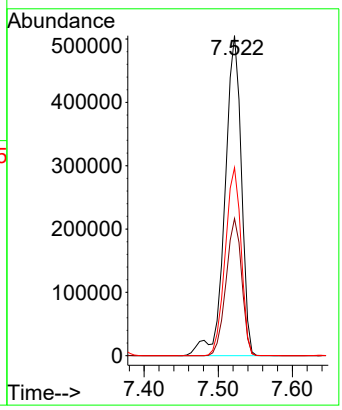





#23
Nitrobenzene-d5
Concen: 77.891 ng
RT: 7.522 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 82 Resp: 77697(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 33.6 | 50.4 |
| 54 | 58.7 | 47.1 | 70.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

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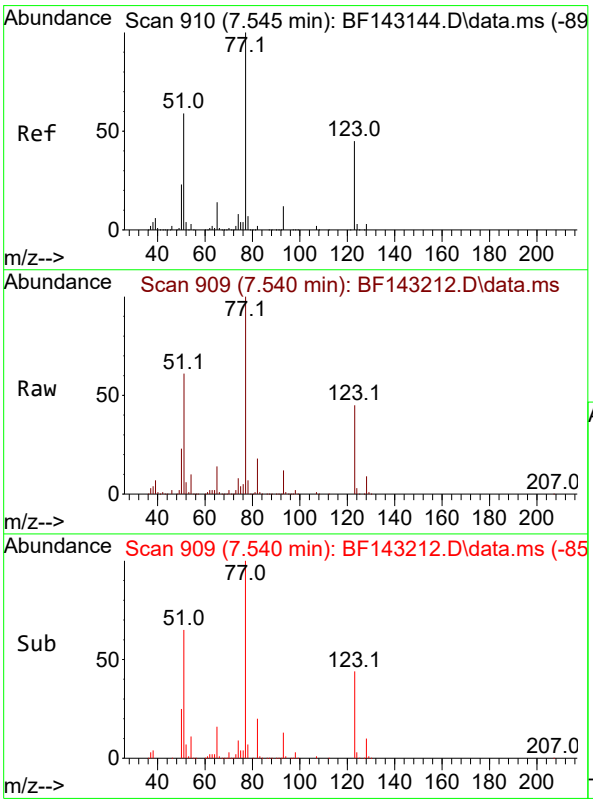
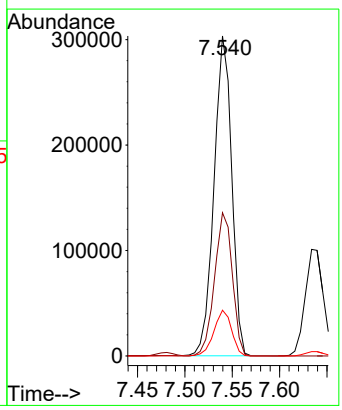
Supervised By :Jagrut Upadhyay 07/24/2025

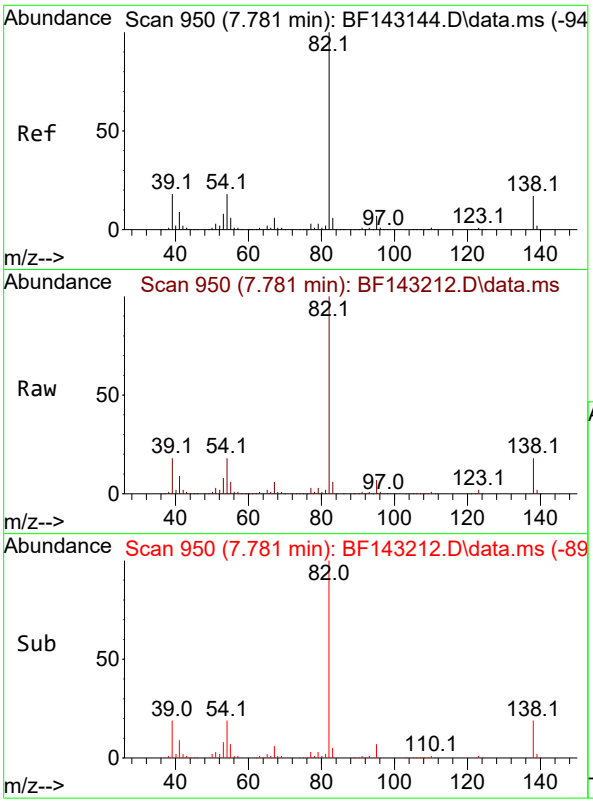



#24
Nitrobenzene
Concen: 42.364 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 393984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.8 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |

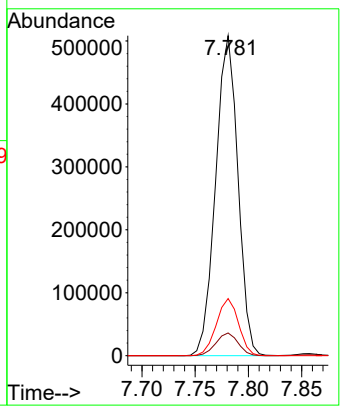





#25
Isophorone
Concen: 41.954 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 82 Resp: 73878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |

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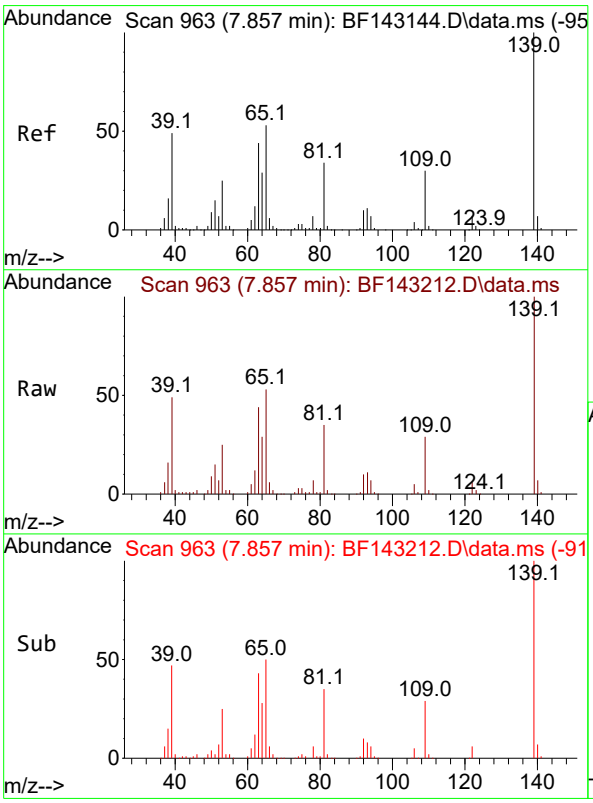
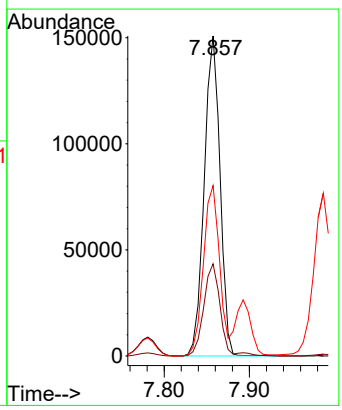
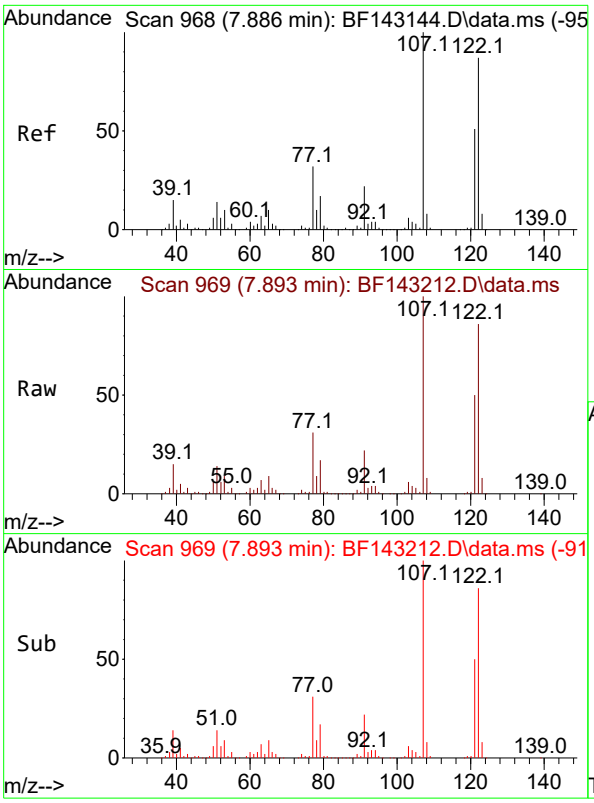



#26
2-Nitrophenol
Concen: 48.051 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 193942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 23.6 | 35.4 |
| 65 | 53.3 | 42.6 | 64.0 |

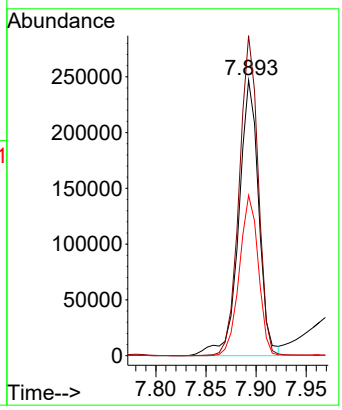





#27
2,4-Dimethylphenol
Concen: 41.592 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 34219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.1 | 91.8 | 137.6 |
| 121 | 58.2 | 46.3 | 69.5 |




**Instrument :**
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**ClientSampleId :**
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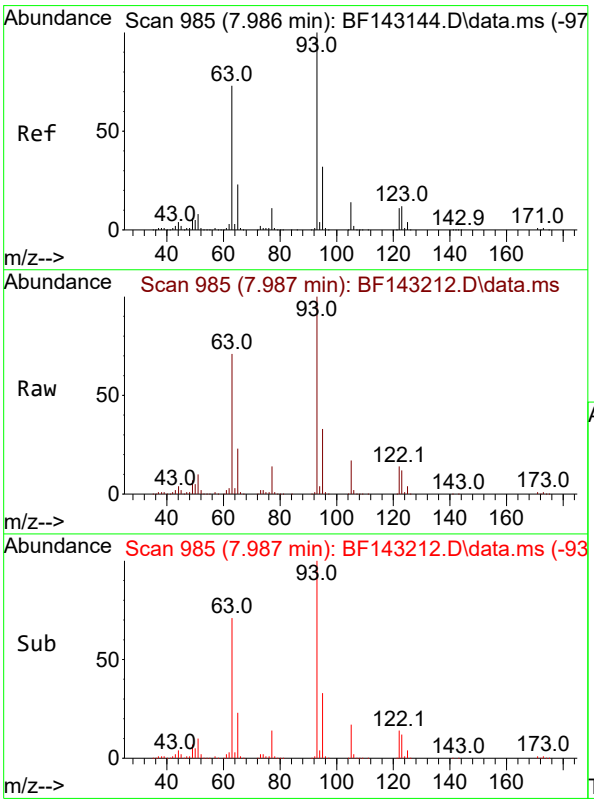
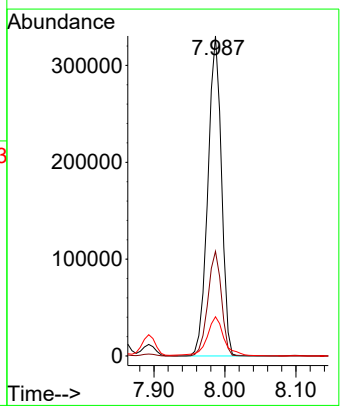
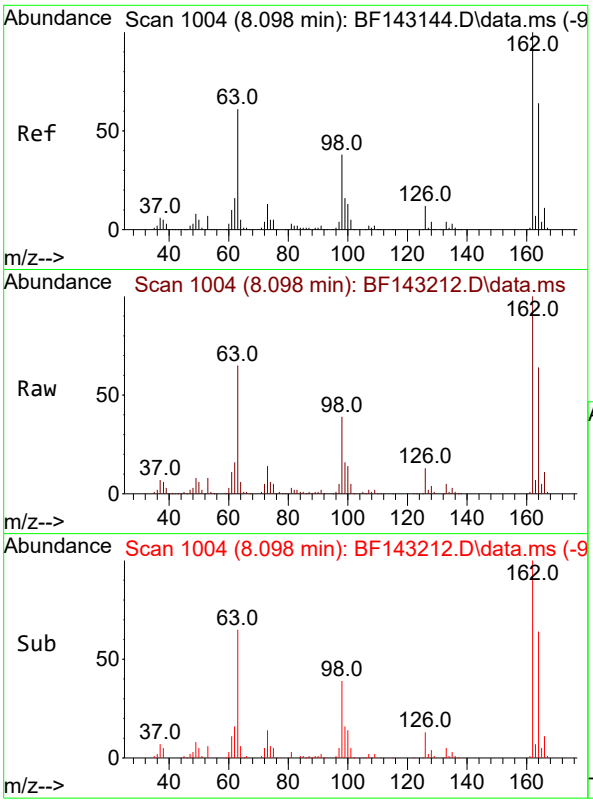



#28
bis(2-Chloroethoxy)methane
Concen: 41.668 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 439929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 25.8 | 38.6 |
| 123 | 12.3 | 9.7 | 14.5 |






#29
2,4-Dichlorophenol
Concen: 42.636 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:162 Resp: 29582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
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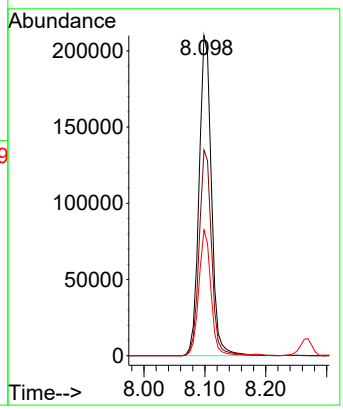
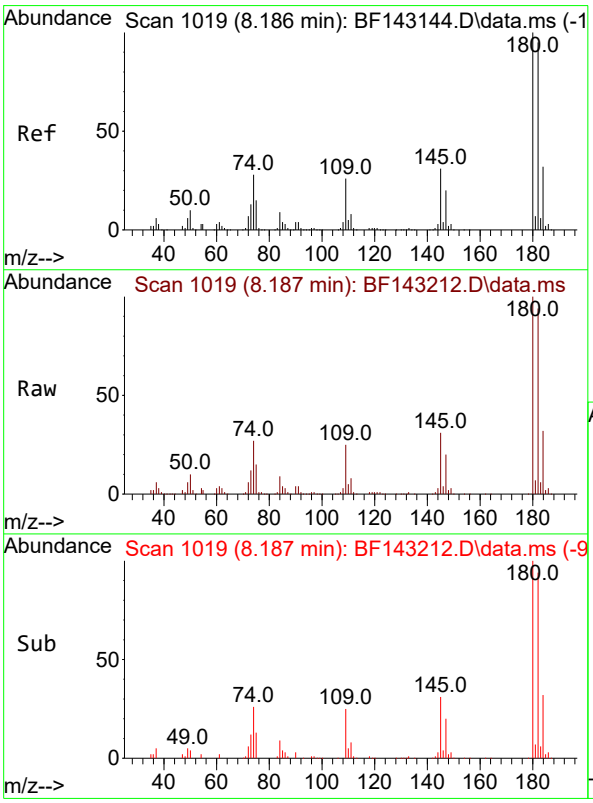
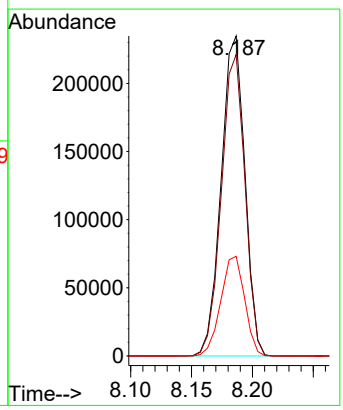


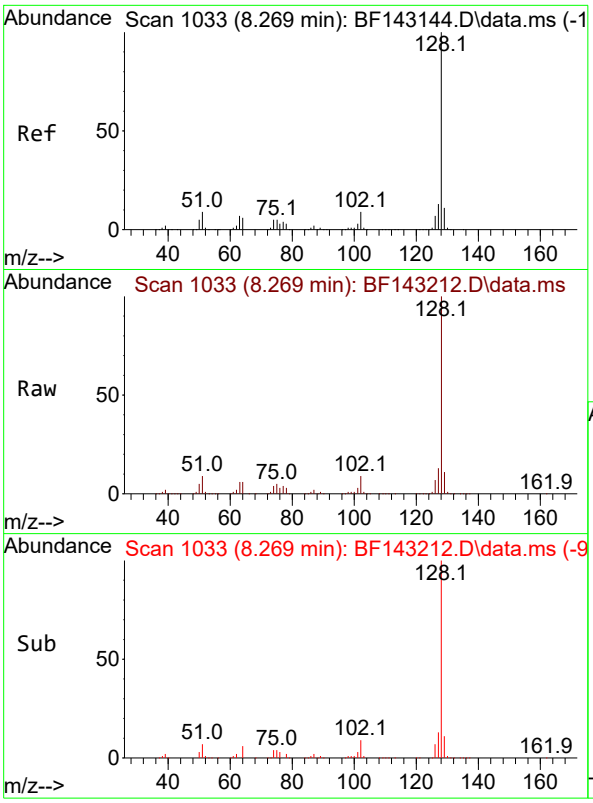




#30
1,2,4-Trichlorobenzene
Concen: 42.525 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:180 Resp: 318755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 31.2 | 25.0 | 37.6 |

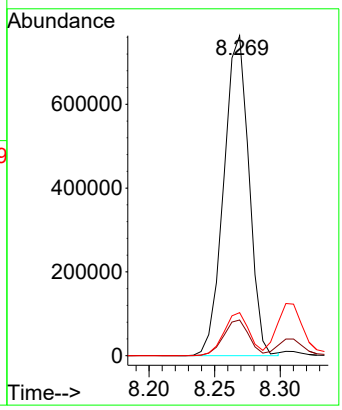





#31
Naphthalene
Concen: 41.625 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:128 Resp: 101930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.4 | 10.6 | 16.0 |




**Instrument :**
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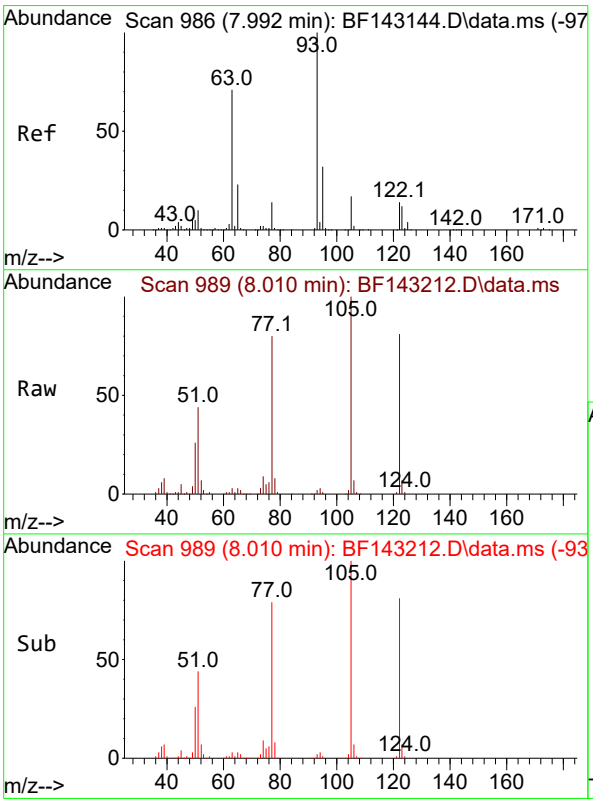
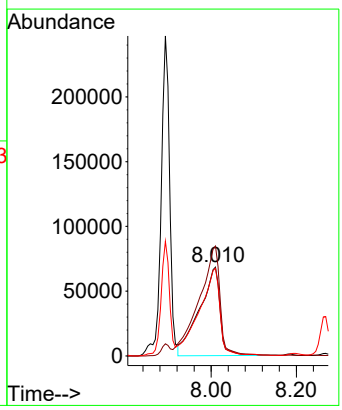
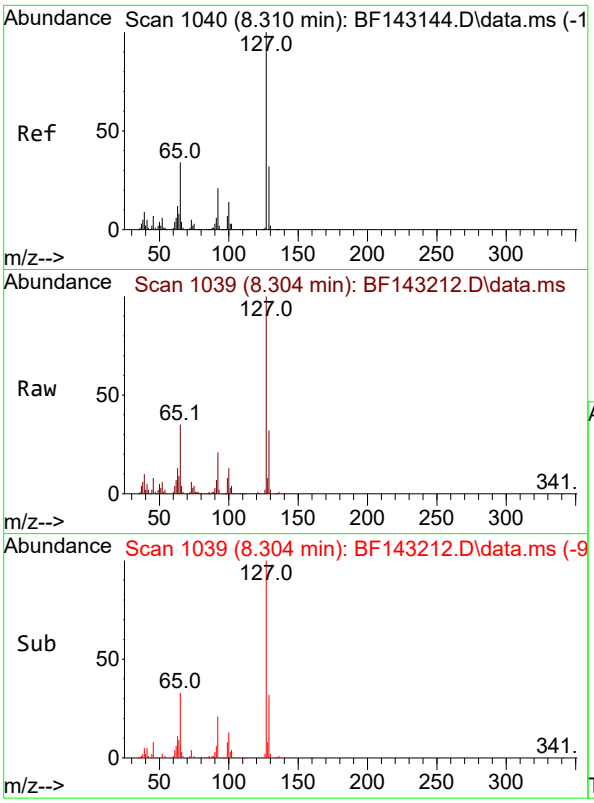



#32
Benzoic acid
Concen: 49.730 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 231444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.9 | 104.8 | 144.8 |
| 77 | 98.7 | 77.6 | 117.6 |

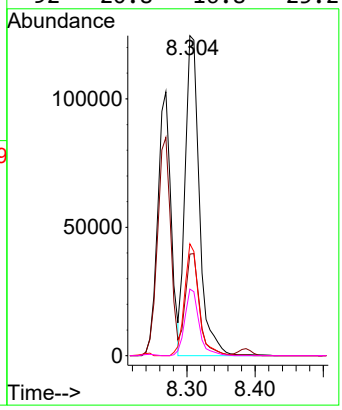





#33
4-Chloroaniline
Concen: 18.095 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:127 Resp: 18092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 20.8 | 16.8 | 25.2 |




**Instrument :**
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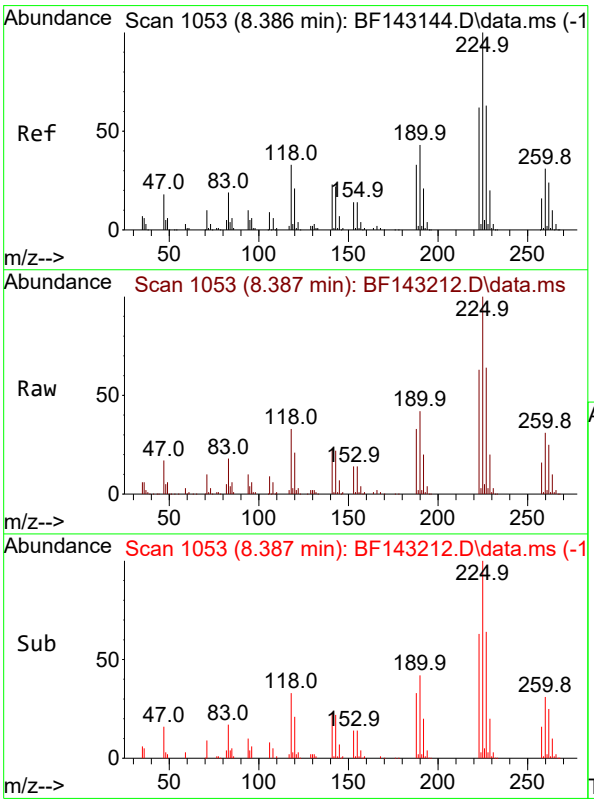
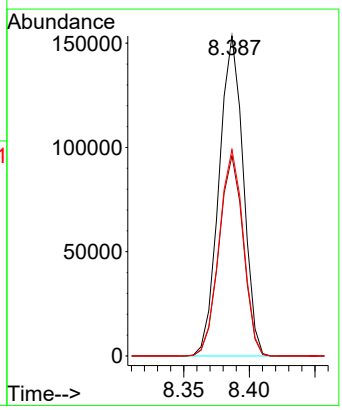
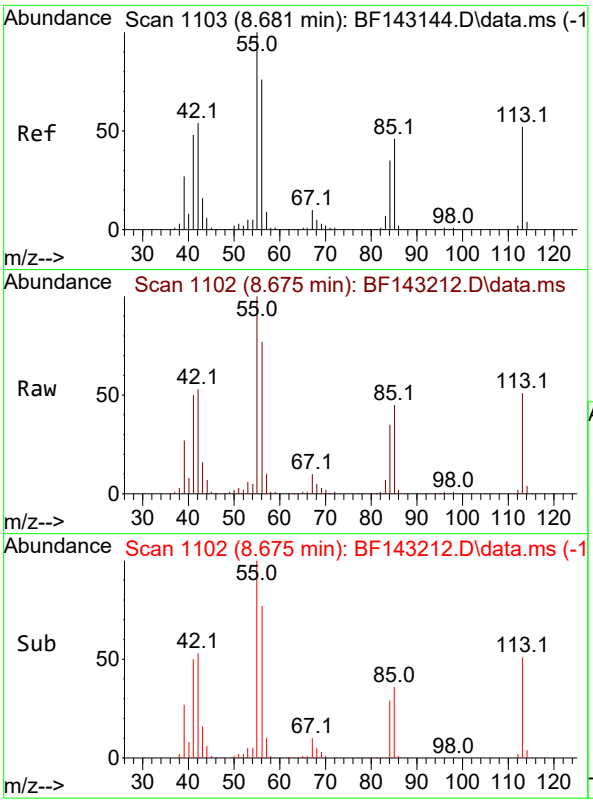



#34
Hexachlorobutadiene
Concen: 42.990 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:225 Resp: 196852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.8 | 74.6 |
| 227 | 64.5 | 50.2 | 75.4 |

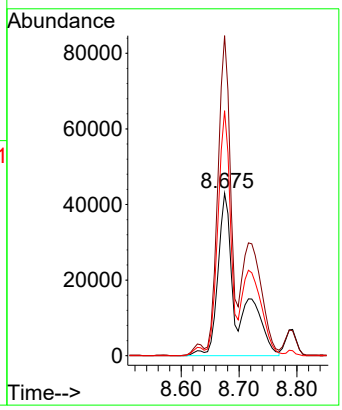





#35
Caprolactam
Concen: 49.186 ng m
RT: 8.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:113 Resp: 10312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 197.0 | 174.0 | 214.0 |
| 56 | 150.8 | 126.6 | 166.6 |




**Instrument :**
BNA_F
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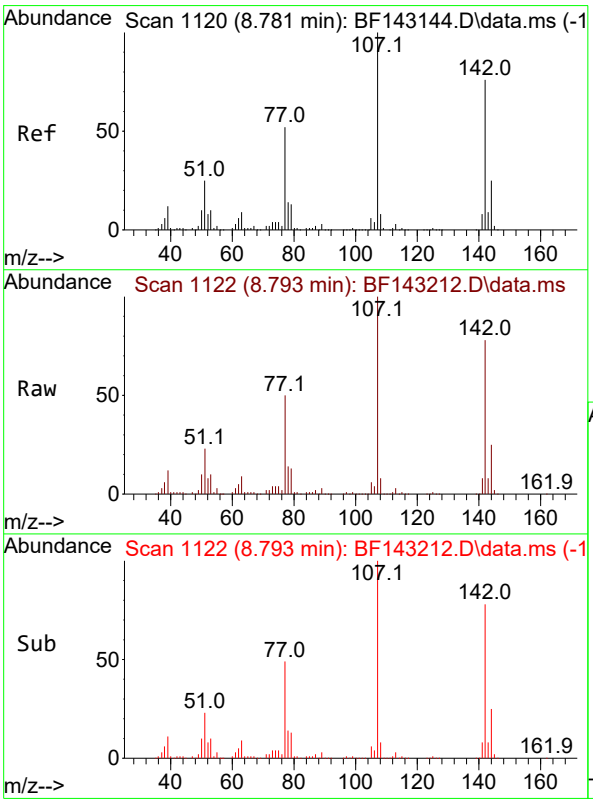
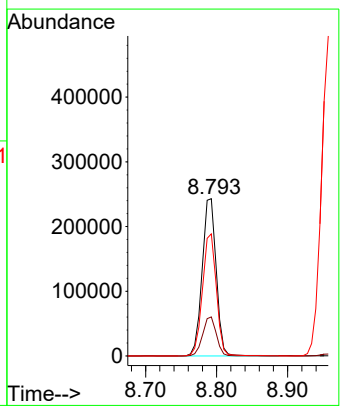
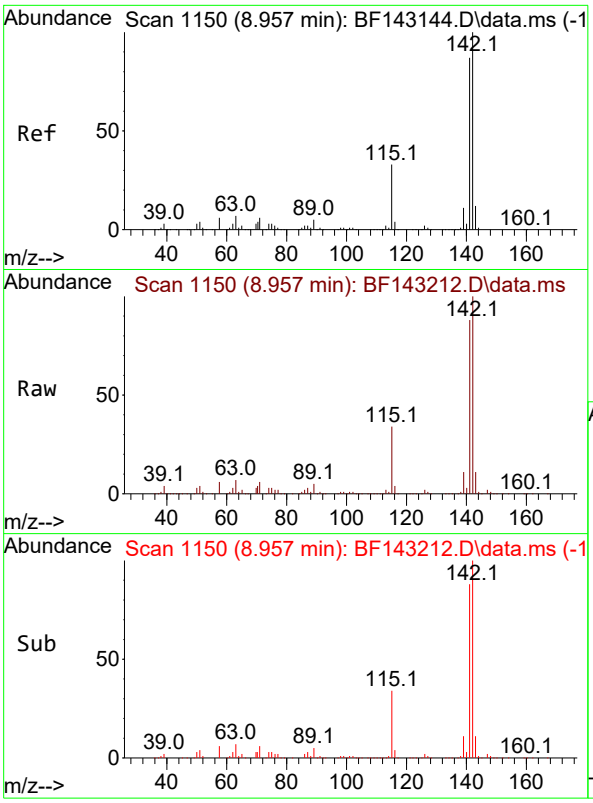



#36
4-Chloro-3-methylphenol
Concen: 44.529 ng
RT: 8.793 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 335805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 19.8 | 29.6 |
| 142 | 77.7 | 60.6 | 90.8 |






#37
2-Methylnaphthalene
Concen: 42.782 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:142 Resp: 63750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 69.9 | 104.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
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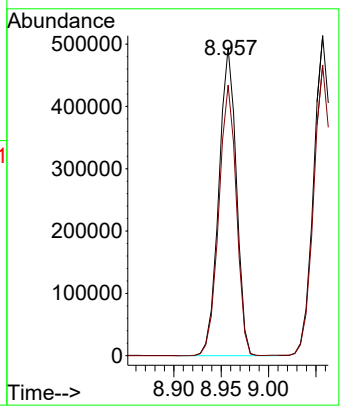
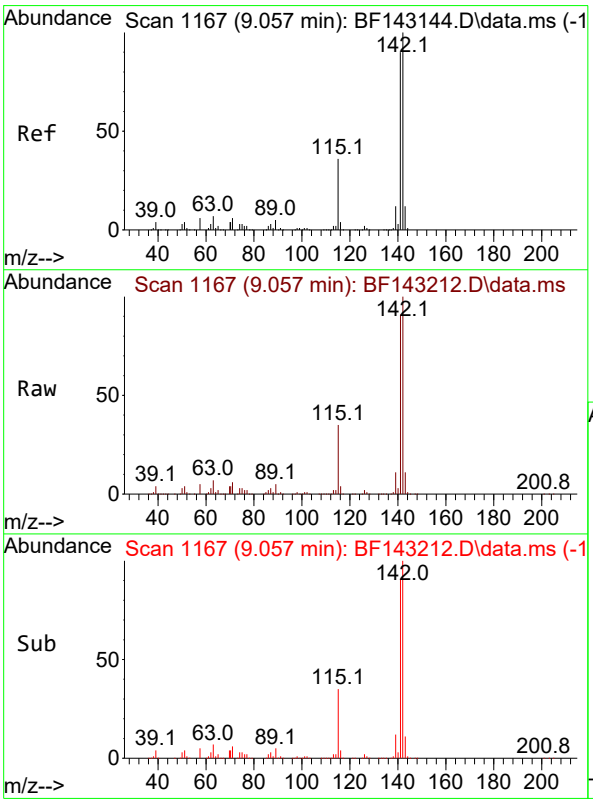
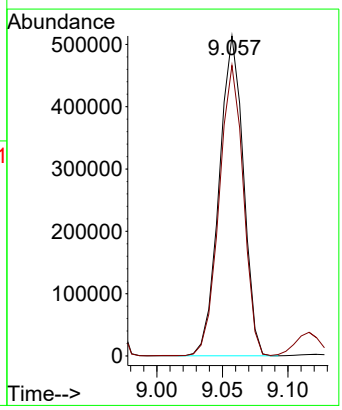


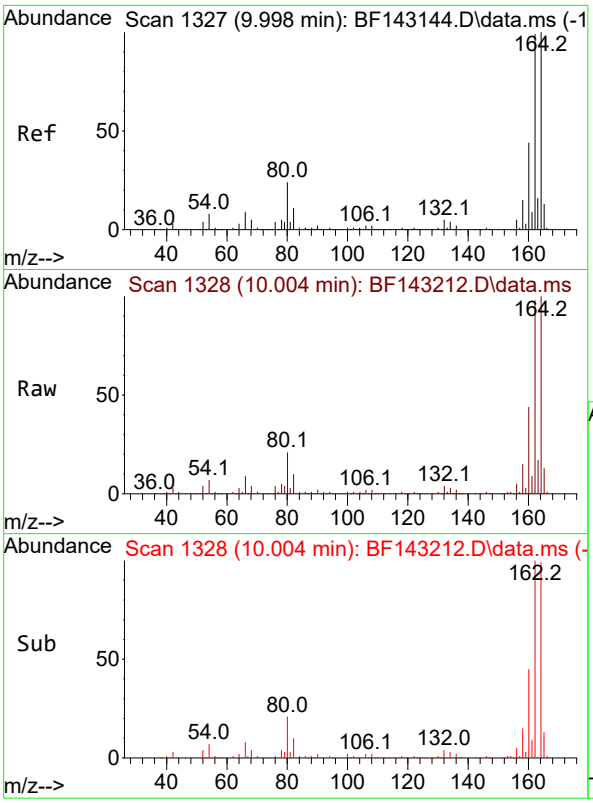




#38
1-Methylnaphthalene
Concen: 42.971 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:142 Resp: 659370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 72.3 | 108.5 |

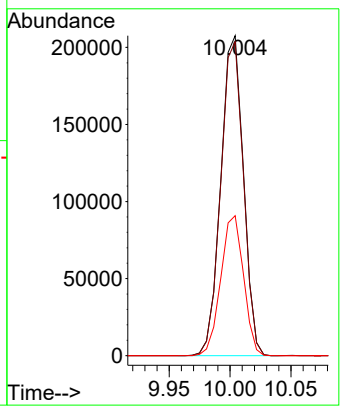





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:164 Resp: 26904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.1 | 79.0 | 118.6 |
| 160 | 43.7 | 35.1 | 52.7 |




**Instrument :**
BNA_F
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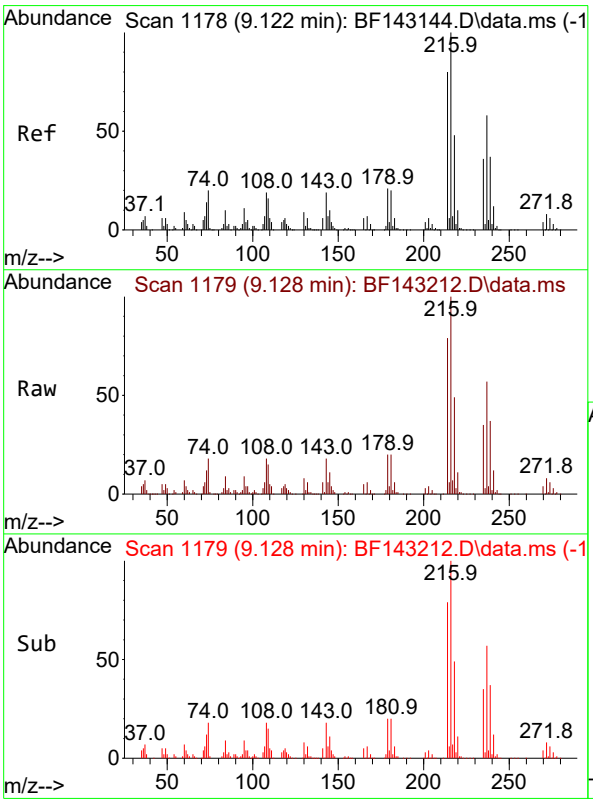
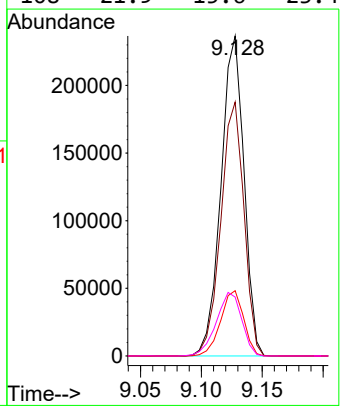
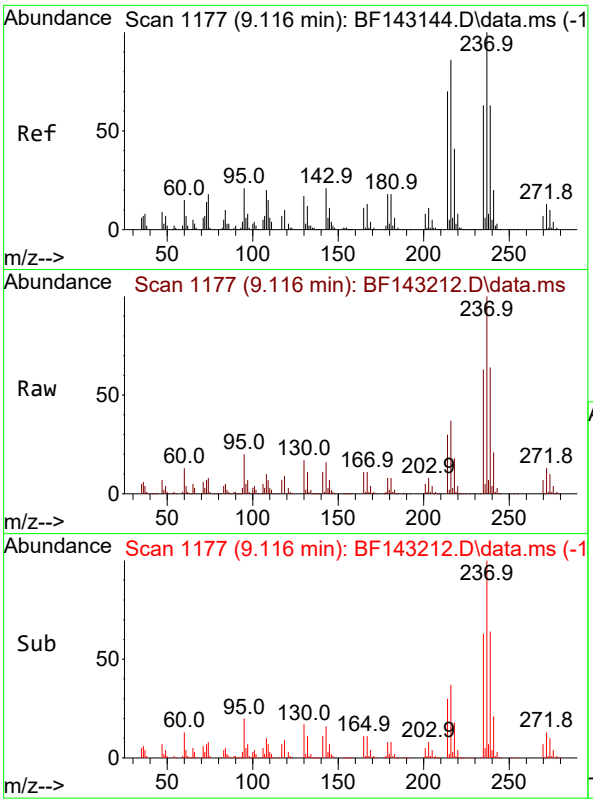



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.025 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:216 Resp: 310898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 21.9 | 15.6 | 23.4 |

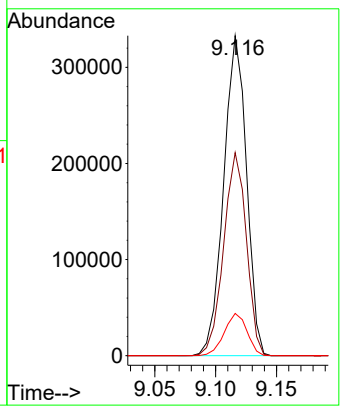





#41
Hexachlorocyclopentadiene
Concen: 85.897 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:237 Resp: 43413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |




**Instrument :**
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**ClientSampleId :**
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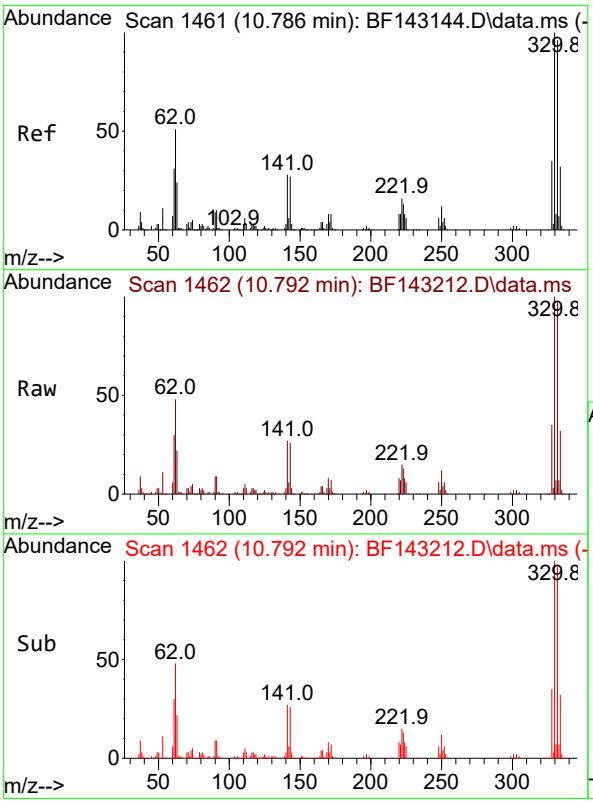
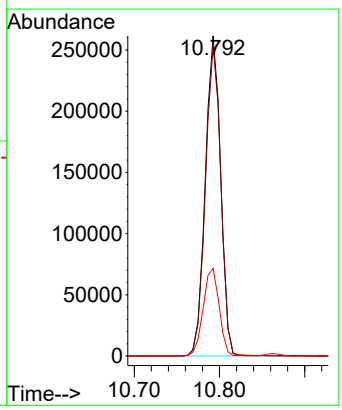
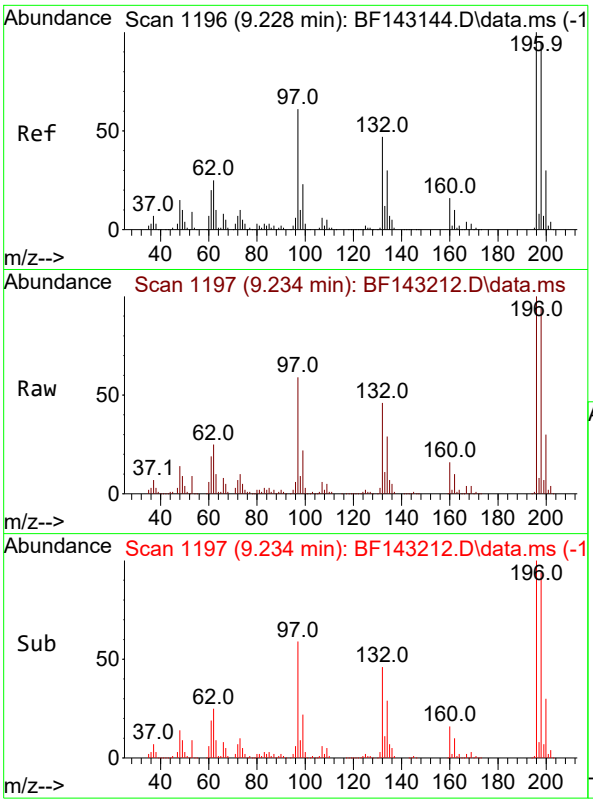



#42
2,4,6-Tribromophenol
Concen: 117.949 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:330 Resp: 327822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.7 | 115.1 |
| 141 | 28.3 | 23.3 | 34.9 |

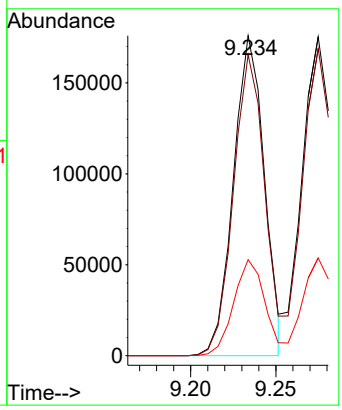





#43
2,4,6-Trichlorophenol
Concen: 41.386 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 22248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 76.2 | 114.2 |
| 200 | 30.0 | 23.9 | 35.9 |

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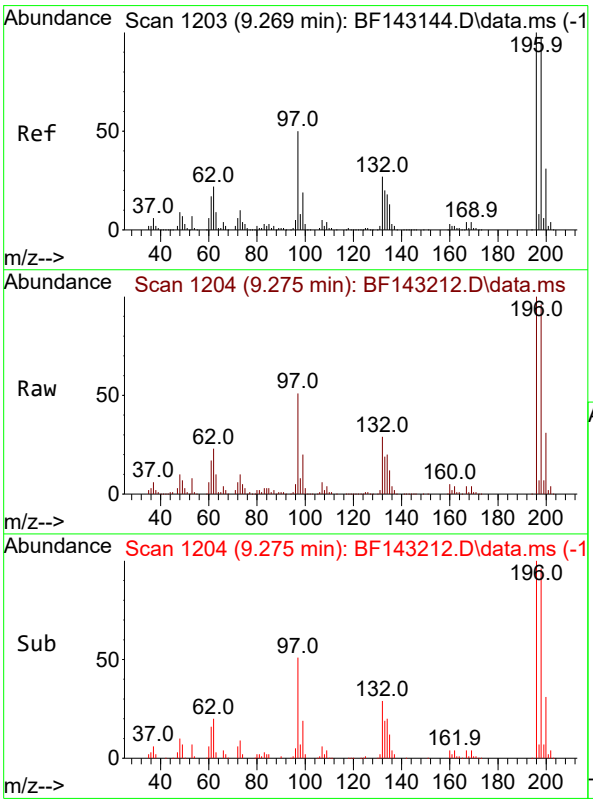
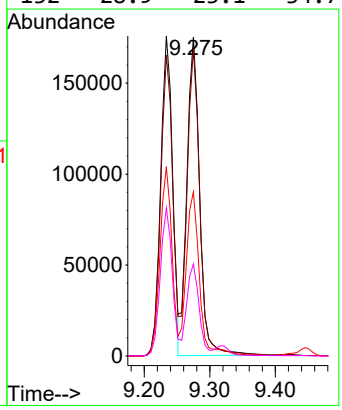
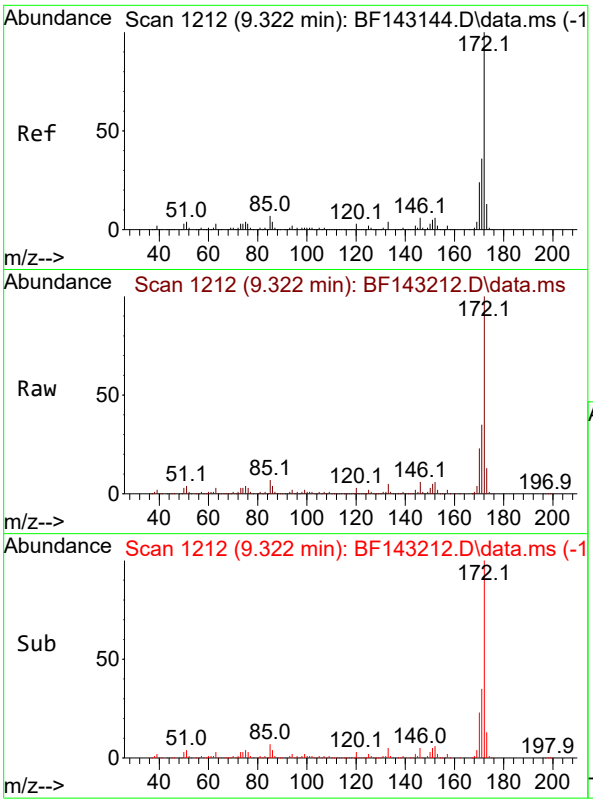



#44
2,4,5-Trichlorophenol
Concen: 43.991 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 236559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 77.3 | 115.9 |
| 97 | 51.5 | 40.3 | 60.5 |
| 132 | 28.9 | 23.1 | 34.7 |

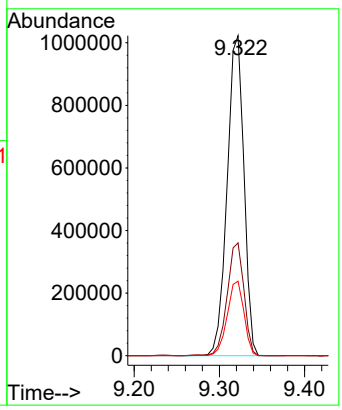





#45
2-Fluorobiphenyl
Concen: 71.040 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:172 Resp: 139751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.6 | 42.8 |
| 170 | 23.3 | 18.8 | 28.2 |




**Instrument :**
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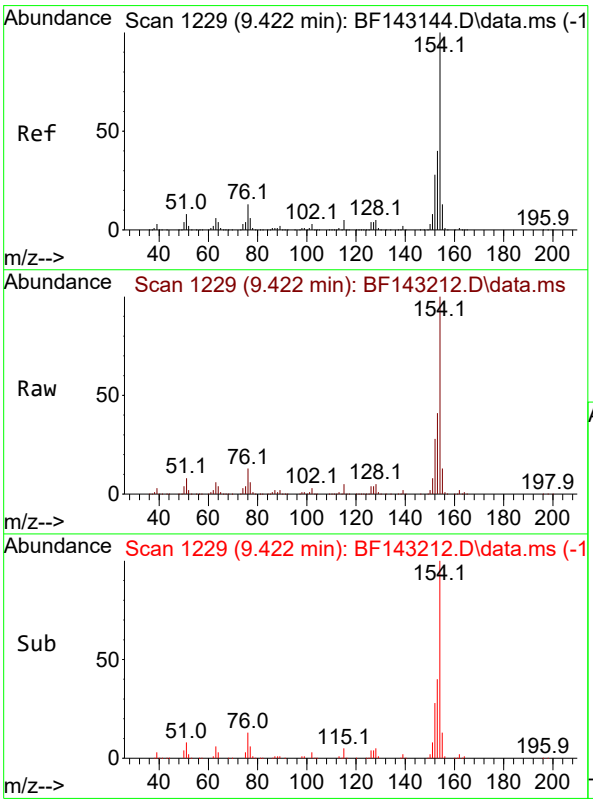
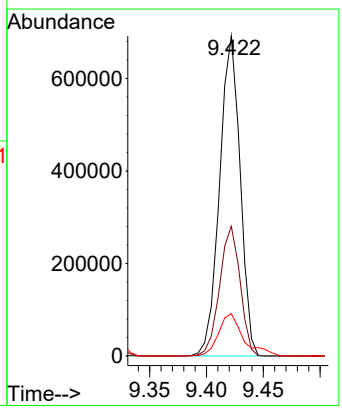
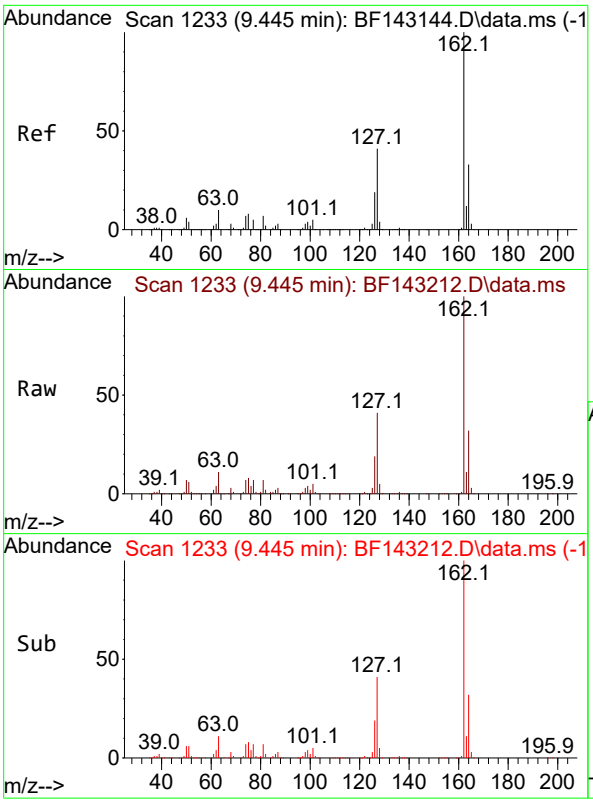



#46
1,1'-Biphenyl
Concen: 41.488 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 870859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.2 | 0.0 | 33.3 |

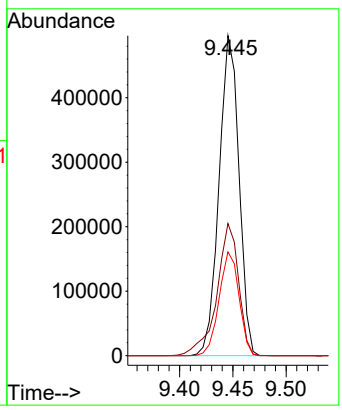





#47
2-Chloronaphthalene
Concen: 41.468 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:162 Resp: 64405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.3 | 33.4 | 50.2 |
| 164 | 32.4 | 26.2 | 39.2 |




**Instrument :**
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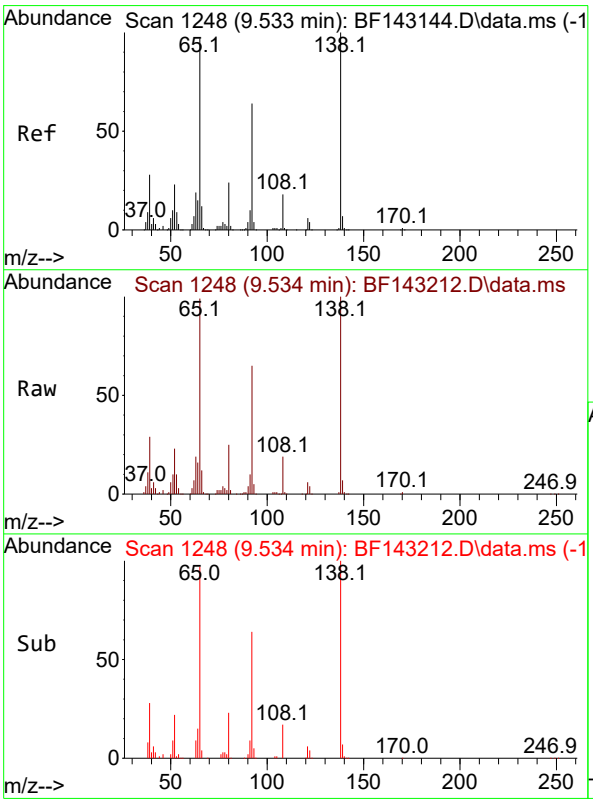
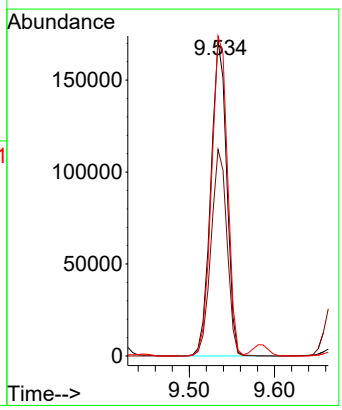
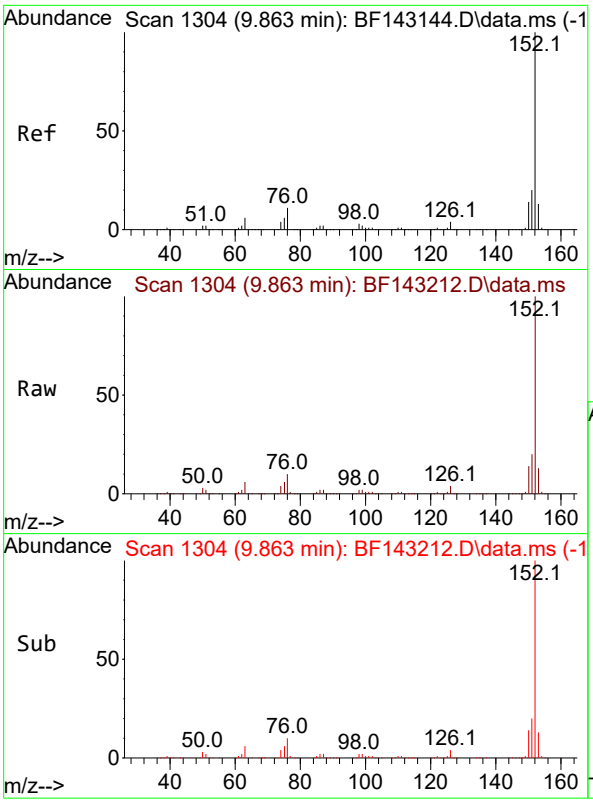



#48
2-Nitroaniline
Concen: 45.611 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 222155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.5 | 52.4 | 78.6 |
| 138 | 101.4 | 82.3 | 123.5 |

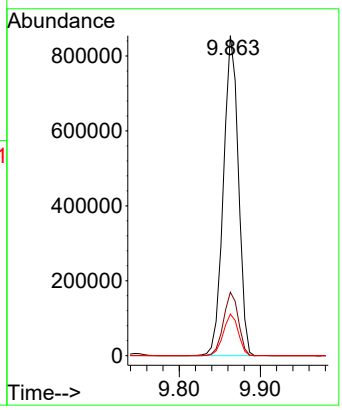





#49
Acenaphthylene
Concen: 42.174 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:152 Resp: 109773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.2 | 24.2 |
| 153 | 13.0 | 10.6 | 16.0 |




**Instrument :**
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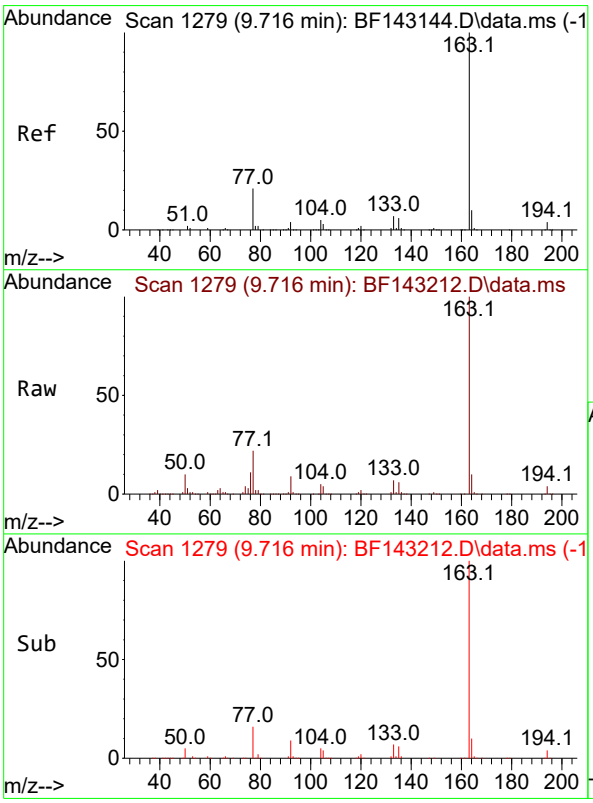
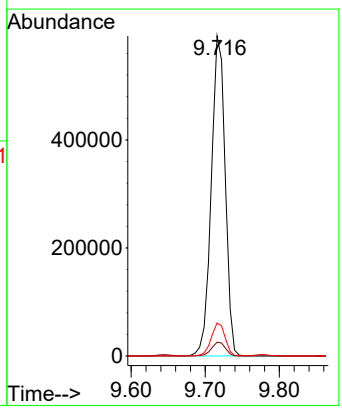
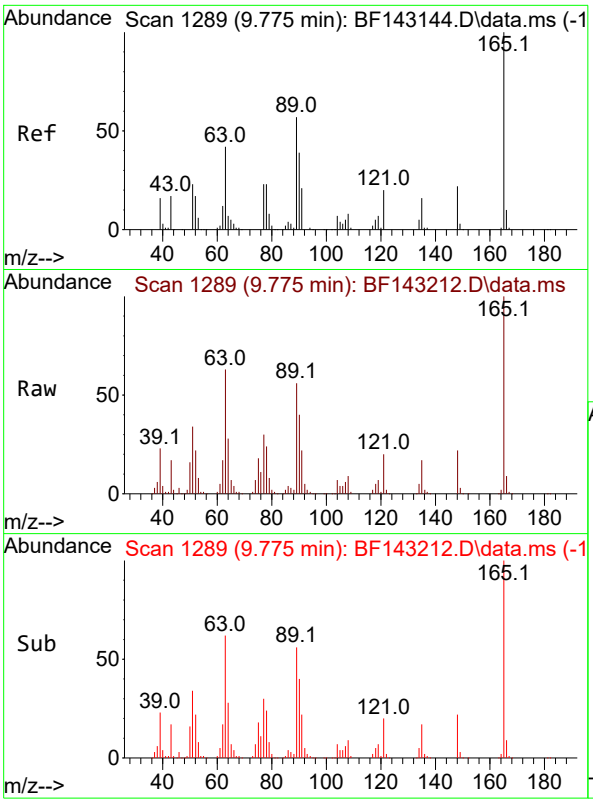



#50
Dimethylphthalate
Concen: 44.055 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:163 Resp: 772585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |






#51
2,6-Dinitrotoluene
Concen: 47.813 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:165 Resp: 17057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.6 | 49.4 | 74.2 |
| 89 | 56.4 | 46.2 | 69.2 |

**Instrument :**
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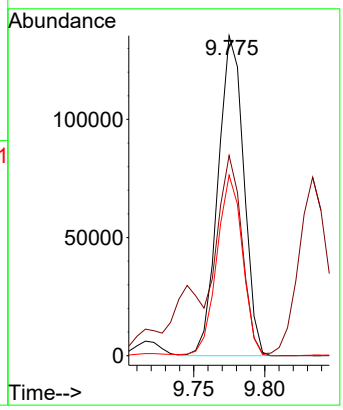
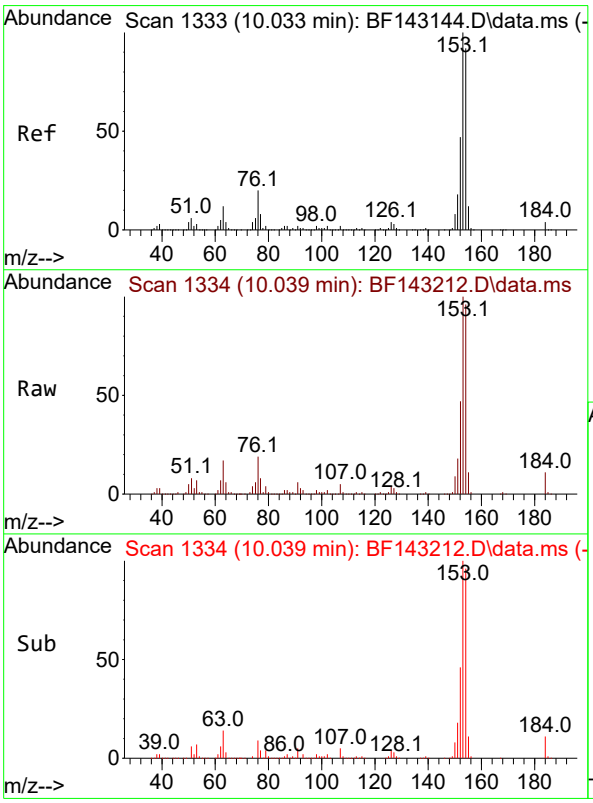
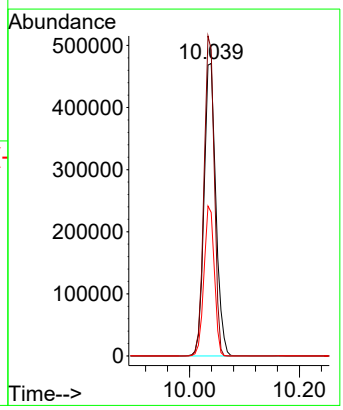


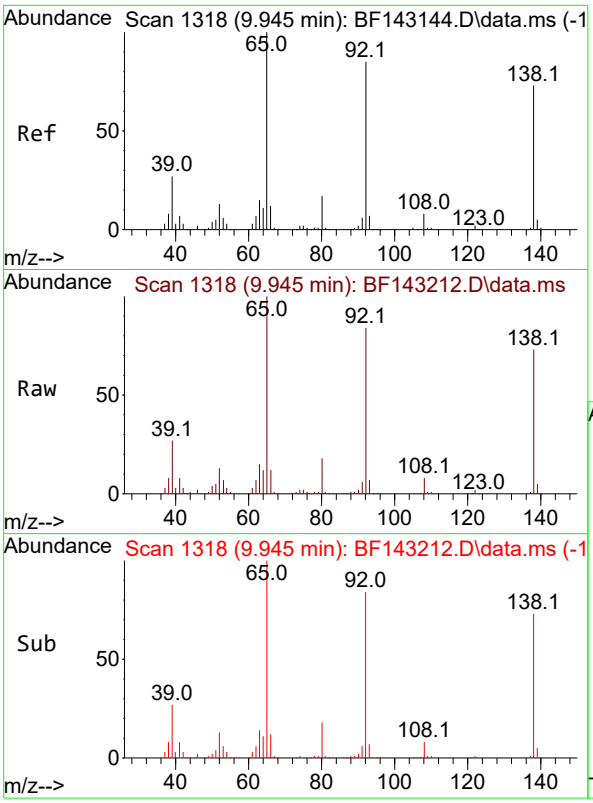




#52
Acenaphthene
Concen: 45.734 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 703577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 104.7 | 86.6 | 129.8 |
| 152 | 49.1 | 40.4 | 60.6 |

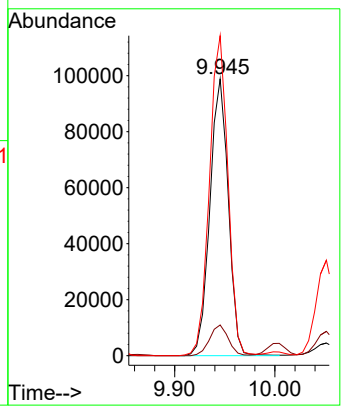





#53
3-Nitroaniline
Concen: 30.278 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:138 Resp: 12634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 115.6 | 93.0 | 139.4 |

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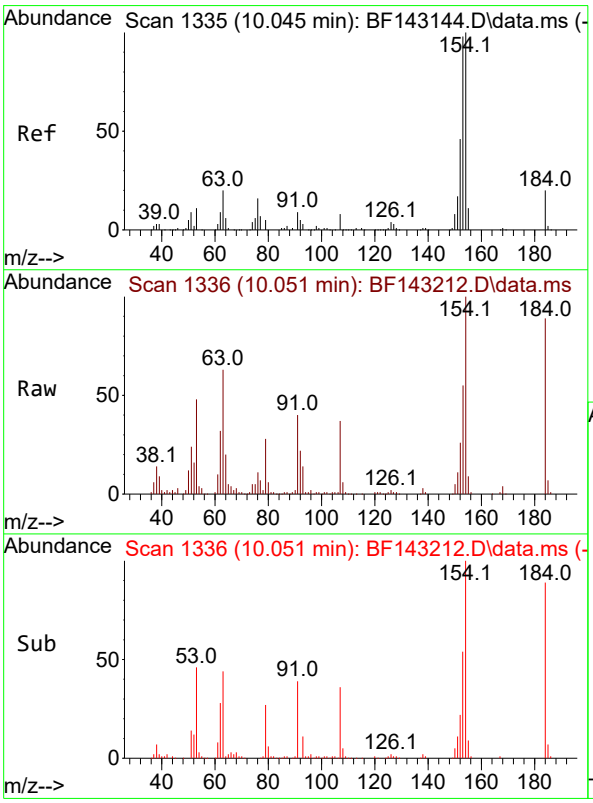
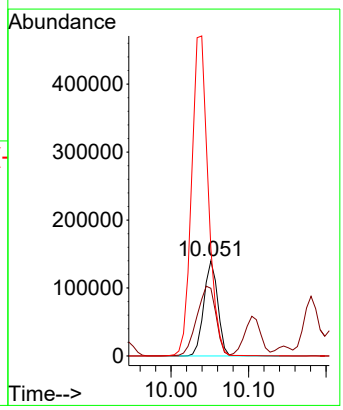
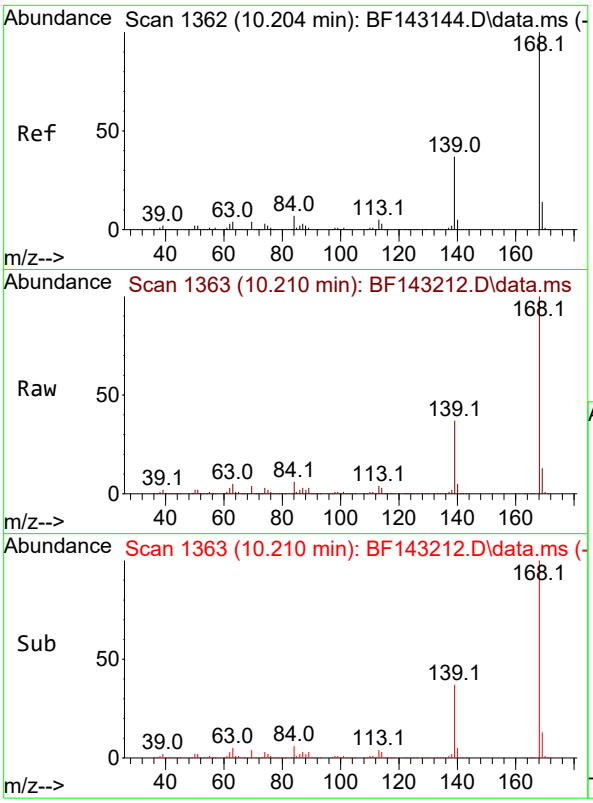



#54
2,4-Dinitrophenol
Concen: 106.394 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 175905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 71.2 | 81.8 | 122.6# |
| 154 | 112.9 | 412.2 | 618.4# |

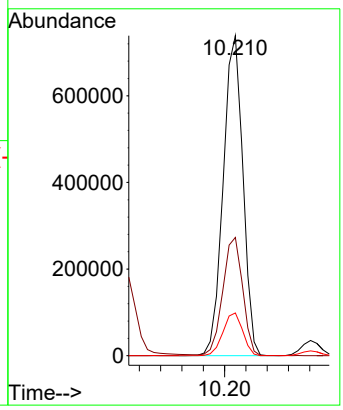





#55
Dibenzofuran
Concen: 41.458 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:168 Resp: 94692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.0 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |

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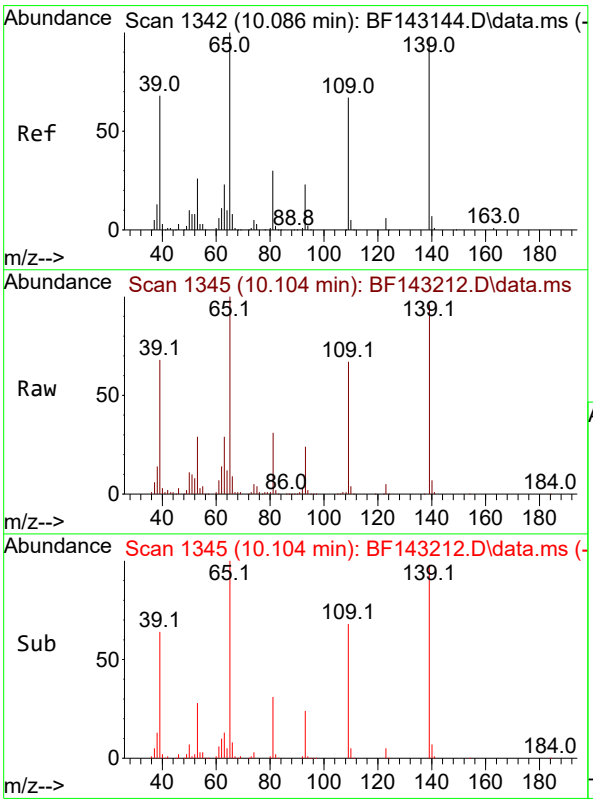
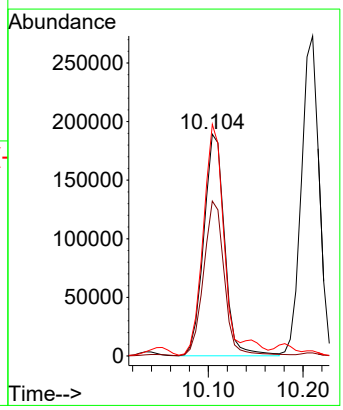
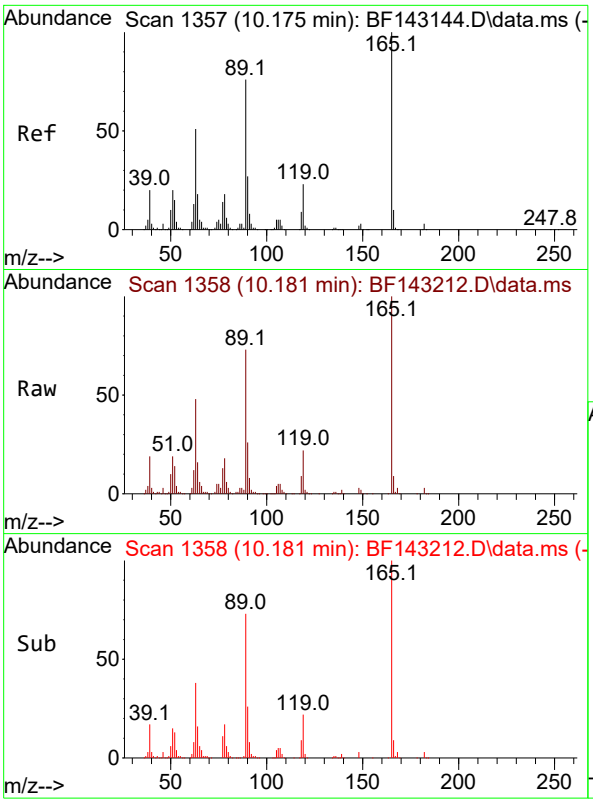



#56
4-Nitrophenol
Concen: 92.622 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 288611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 69.8 | 48.5 | 88.5 |
| 65 | 104.5 | 83.4 | 123.4 |

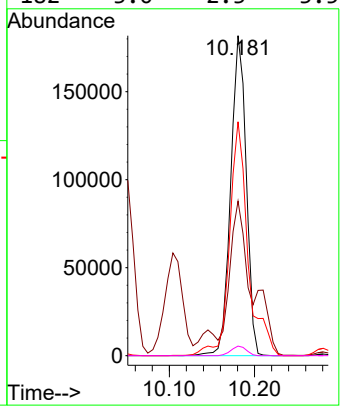





#57
2,4-Dinitrotoluene
Concen: 51.396 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:165 Resp: 23003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.3 | 41.0 | 61.4 |
| 89 | 73.1 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |




**Instrument :**
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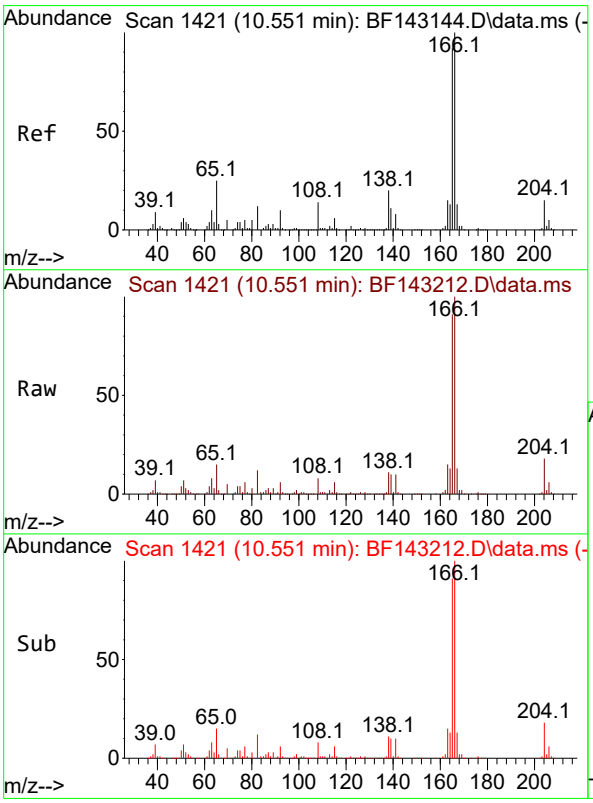
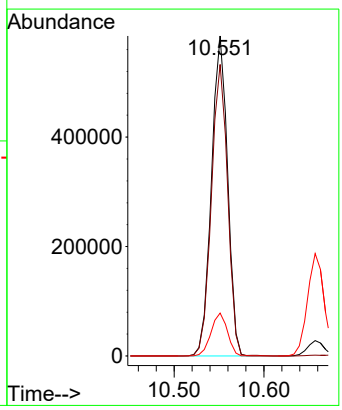
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

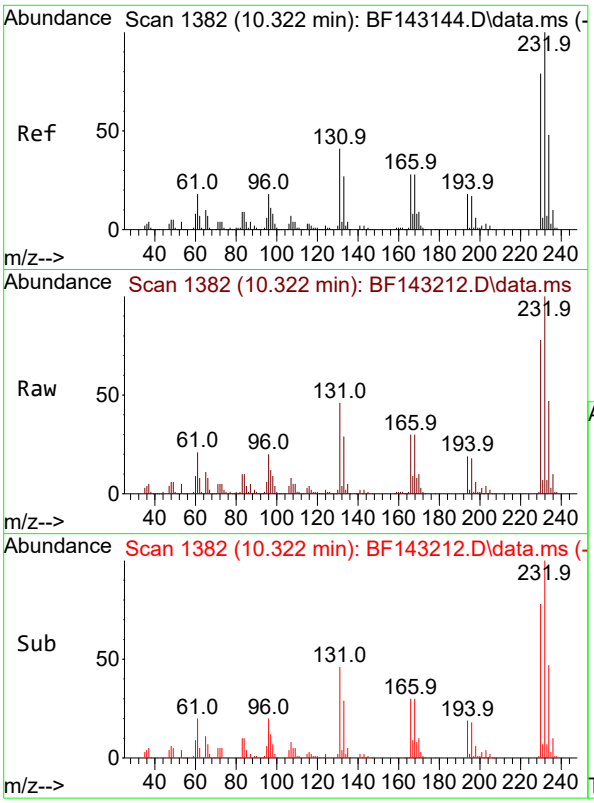



#58
Fluorene
Concen: 42.663 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:166 Resp: 731345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.1 | 73.7 | 110.5 |
| 167 | 13.4 | 10.6 | 16.0 |

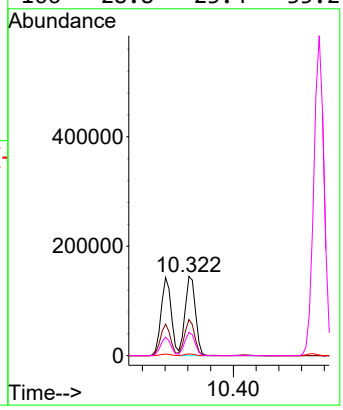





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.271 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:232 Resp: 18383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.8 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.8 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

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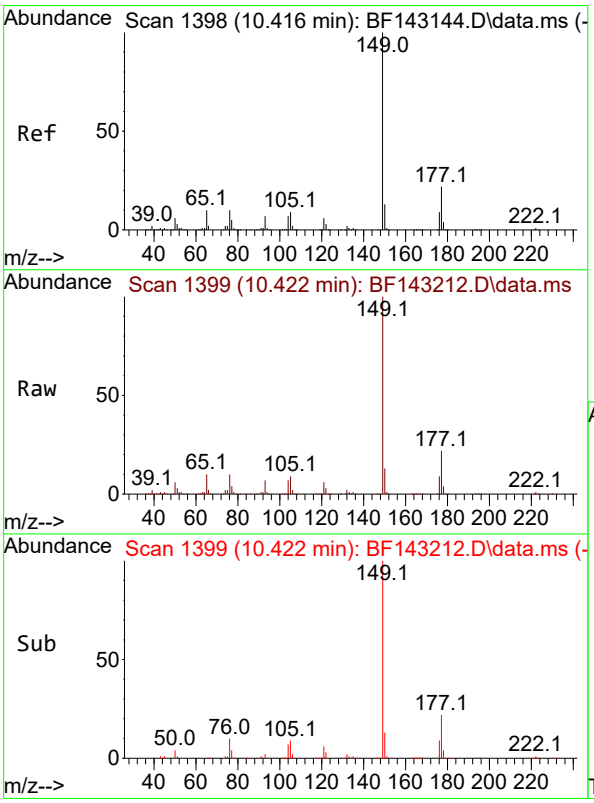
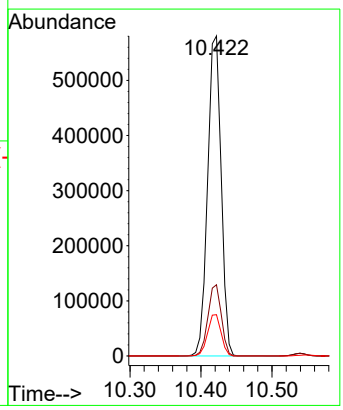
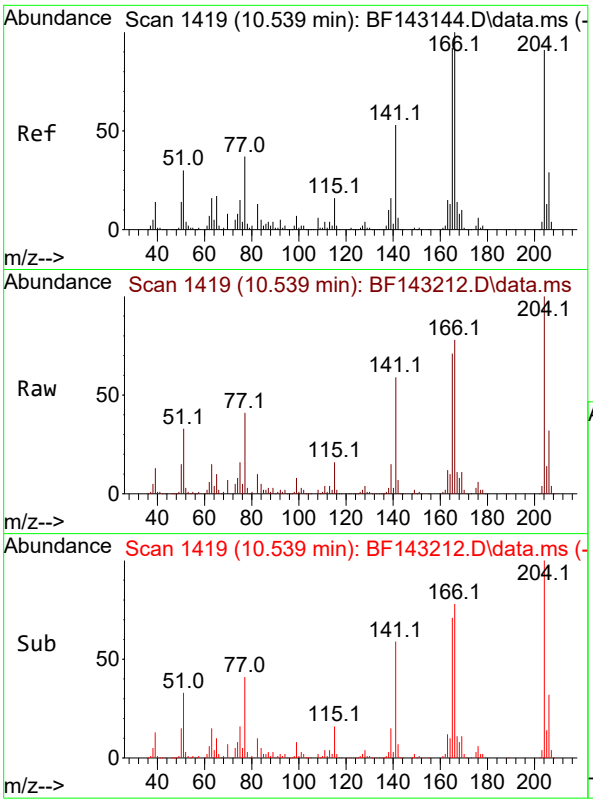



#60
Diethylphthalate
Concen: 44.467 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 770778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.5 | 26.3 |
| 150 | 12.9 | 10.2 | 15.2 |

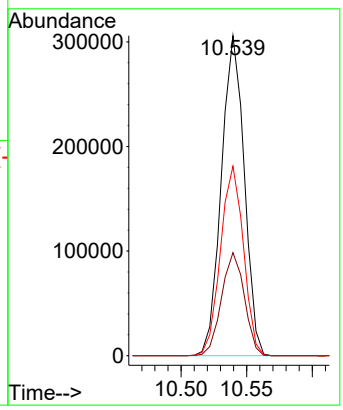





#61
4-Chlorophenyl-phenylether
Concen: 43.401 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:204 Resp: 37045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 25.8 | 38.8 |
| 141 | 59.2 | 47.0 | 70.4 |

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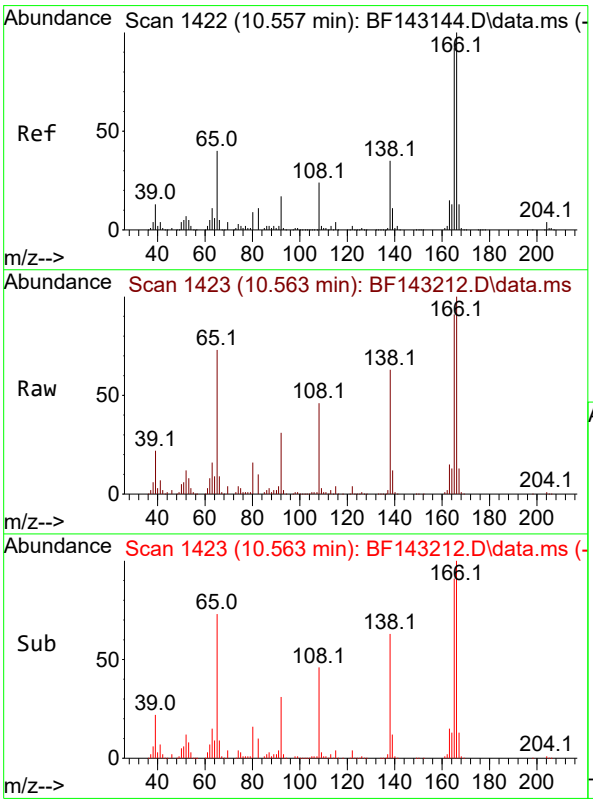
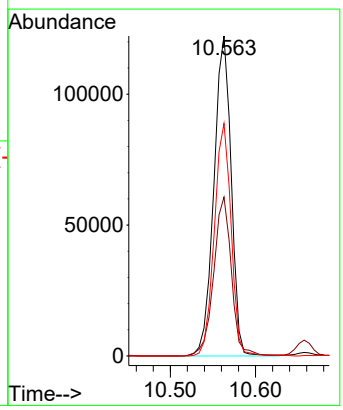
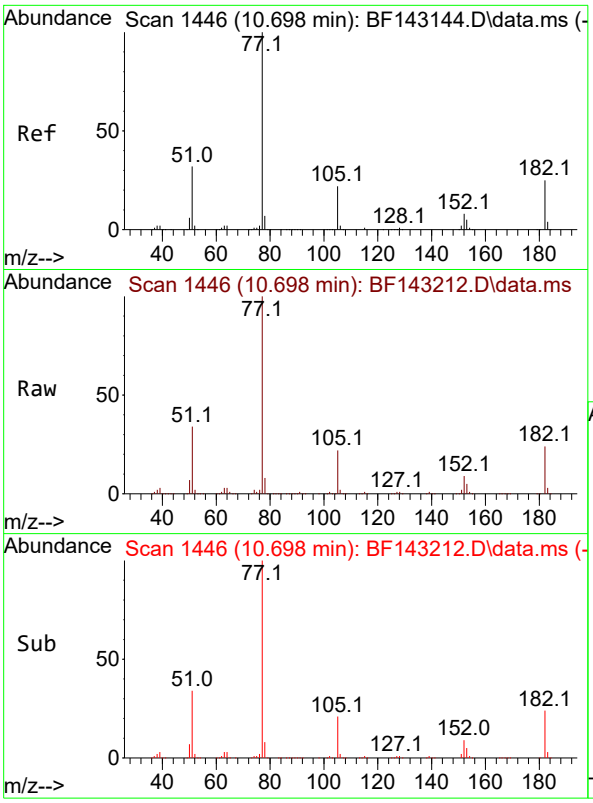



#62
4-Nitroaniline
Concen: 48.165 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:138 Resp: 172252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.6 | 29.3 | 69.3 |
| 108 | 72.6 | 48.3 | 88.3 |

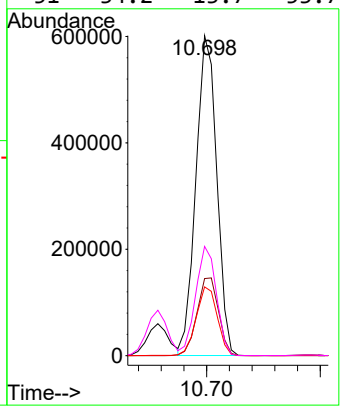





#63
Azobenzene
Concen: 42.462 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 76709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 4.6 | 44.6 |
| 105 | 21.5 | 1.4 | 41.4 |
| 51 | 34.2 | 13.7 | 53.7 |




**Instrument :**
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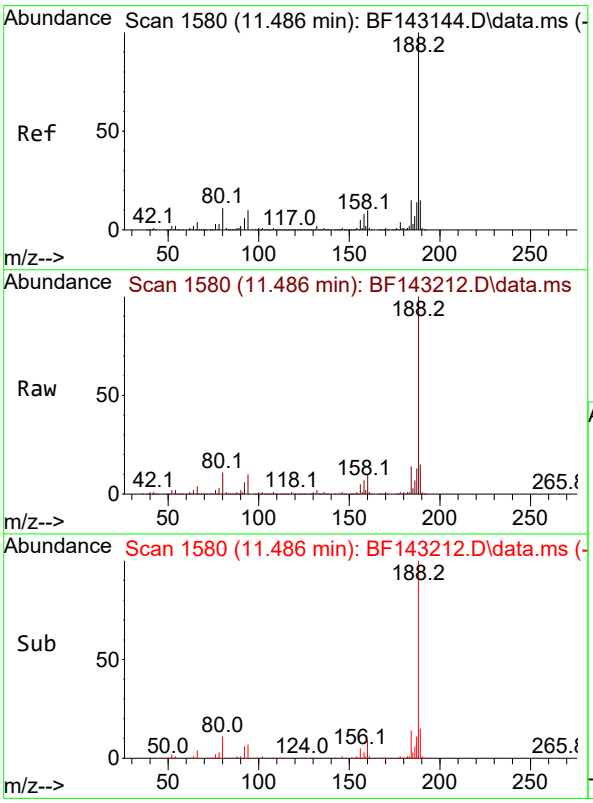
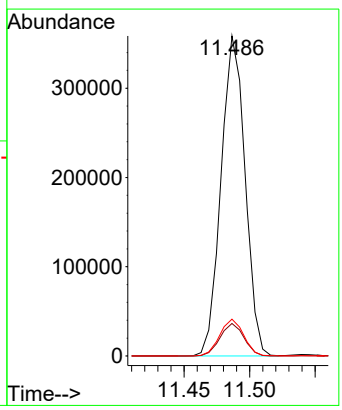
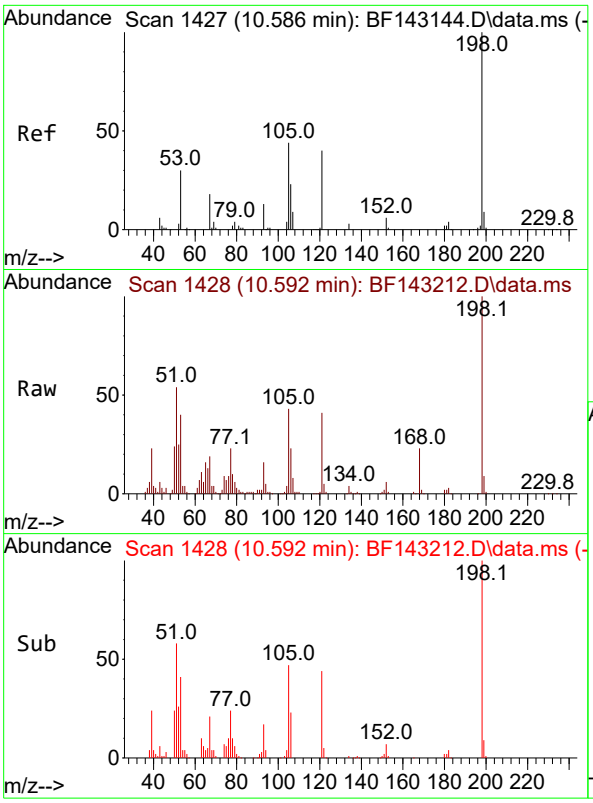



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:188 Resp: 457175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.3 | 12.5 |
| 80 | 11.5 | 9.0 | 13.6 |

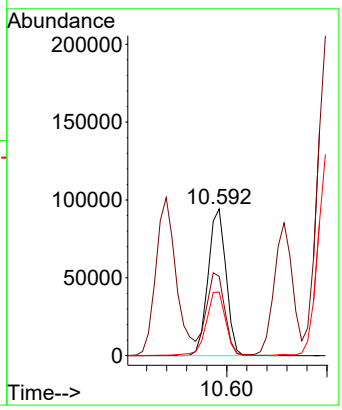





#65
4,6-Dinitro-2-methylphenol
Concen: 48.873 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:198 Resp: 11739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.1 | 37.2 | 77.2 |
| 105 | 43.4 | 24.8 | 64.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

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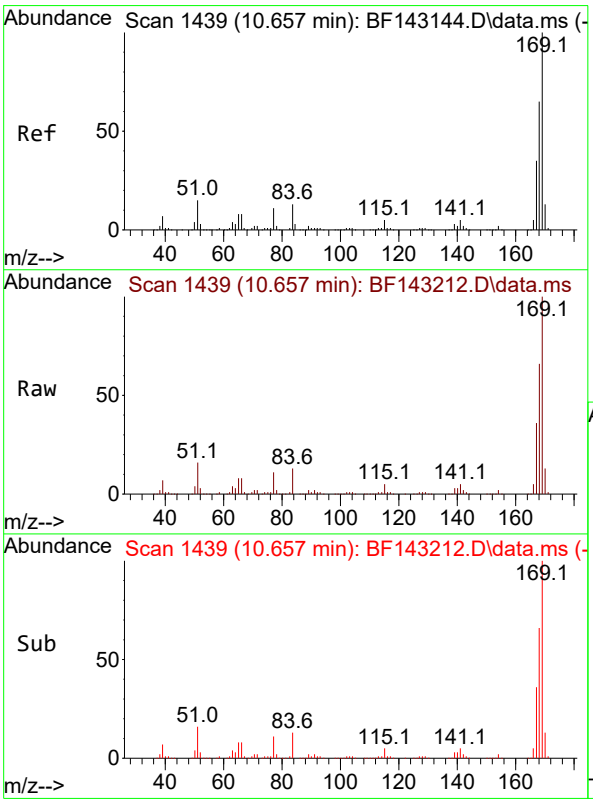
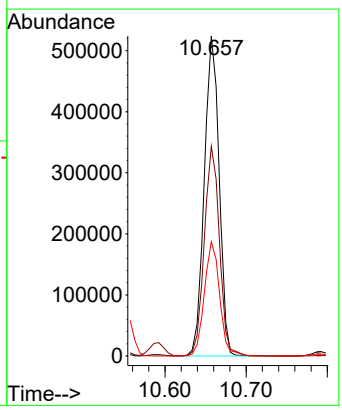
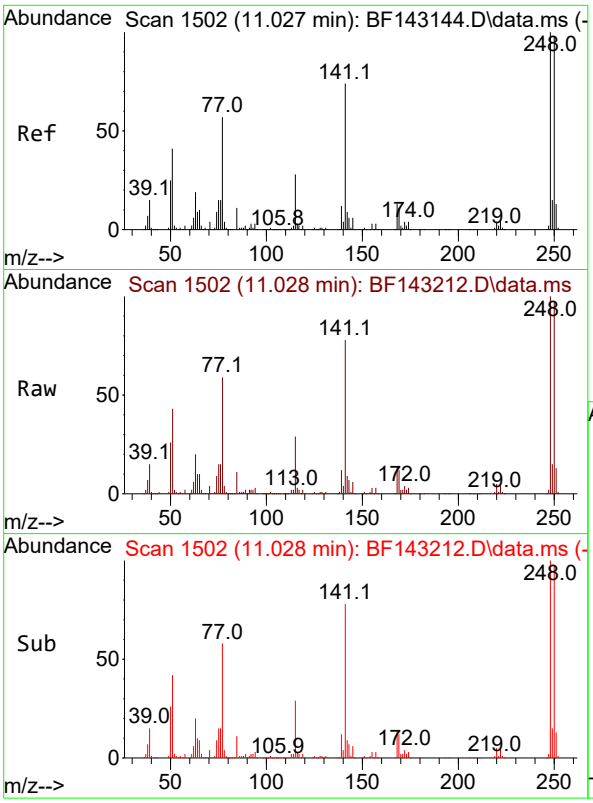



#66
n-Nitrosodiphenylamine
Concen: 41.243 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:169 Resp: 663950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 52.1 | 78.1 |
| 167 | 35.7 | 28.2 | 42.2 |

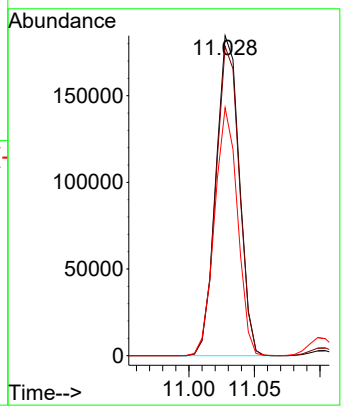





#67
4-Bromophenyl-phenylether
Concen: 42.093 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:248 Resp: 22933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.7 | 78.3 | 117.5 |
| 141 | 77.5 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
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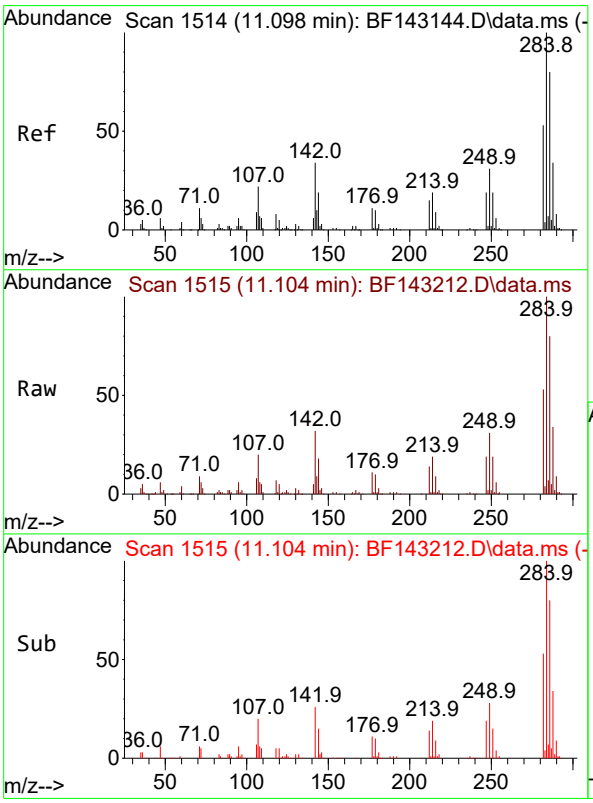
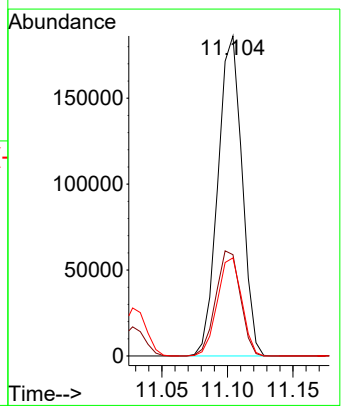
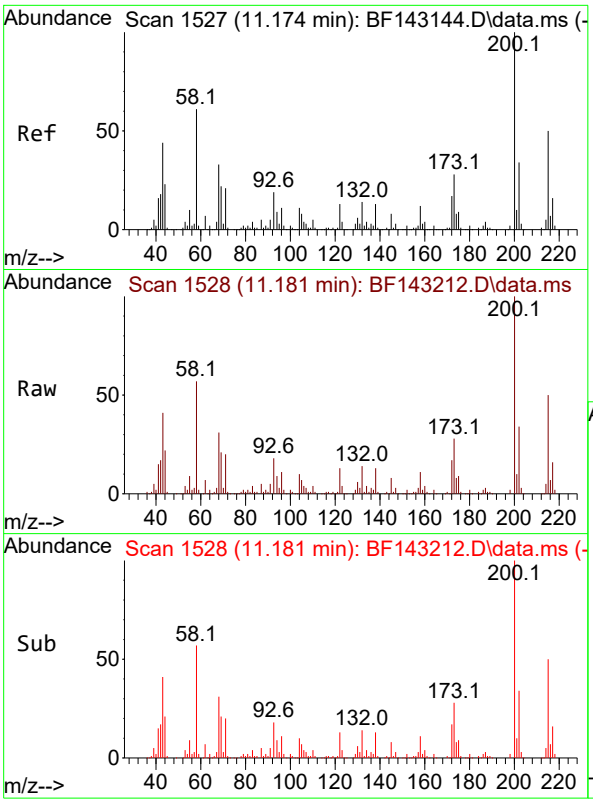



#68
Hexachlorobenzene
Concen: 41.755 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:284 Resp: 237782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.6 | 27.0 | 40.6 |
| 249 | 30.7 | 25.0 | 37.6 |

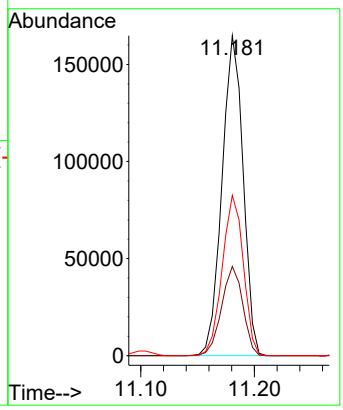





#69
Atrazine
Concen: 47.930 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:200 Resp: 21272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |




**Instrument :**
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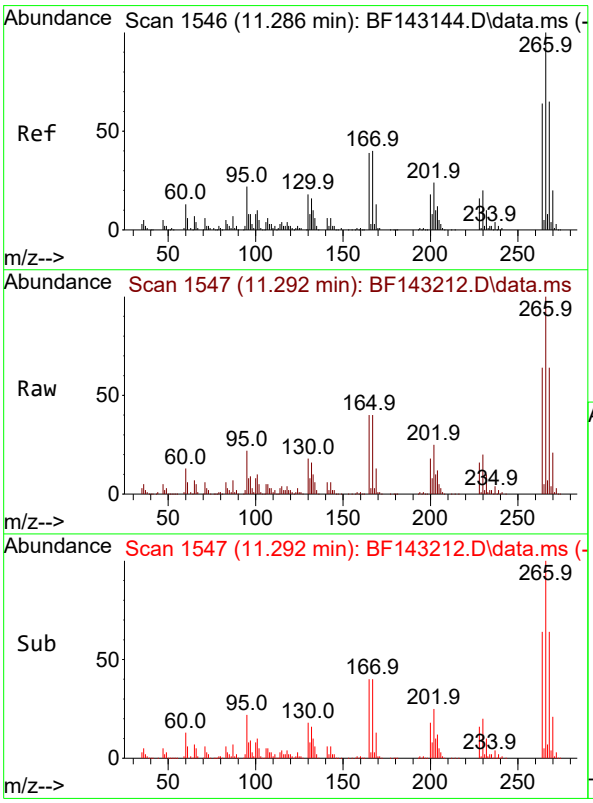
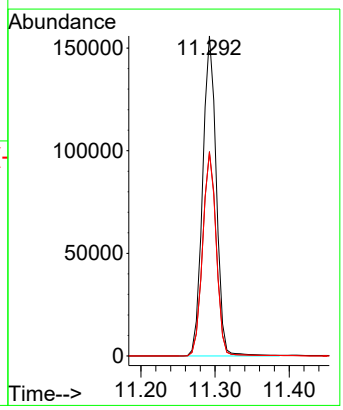
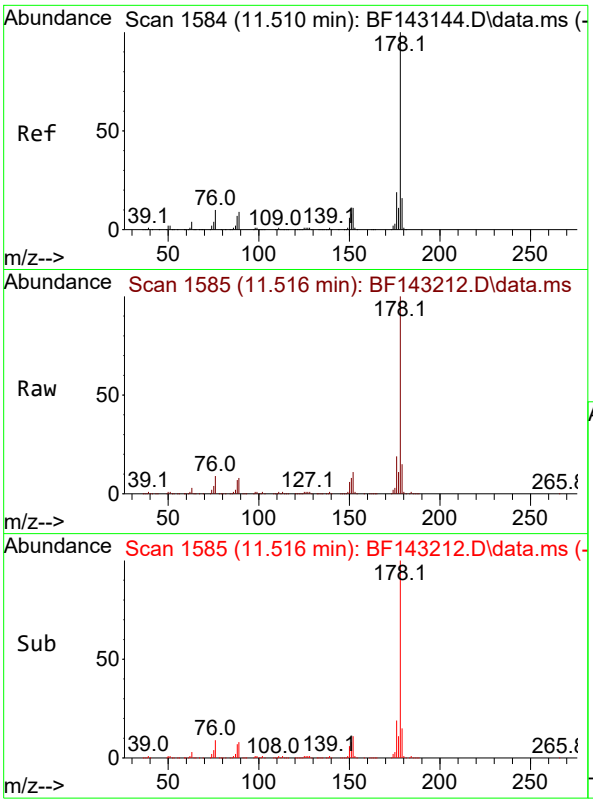



#70
Pentachlorophenol
Concen: 59.697 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:266 Resp: 199919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.9 | 77.9 |
| 264 | 63.5 | 51.0 | 76.6 |

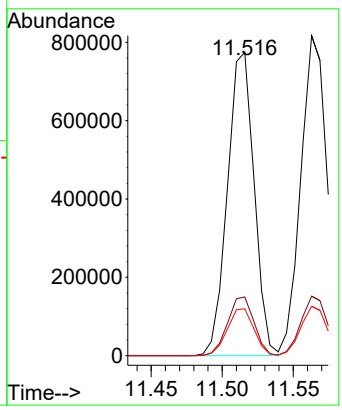





#71
Phenanthrene
Concen: 41.750 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:178 Resp: 101347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.3 | 22.9 |
| 179 | 15.4 | 12.5 | 18.7 |




**Instrument :**
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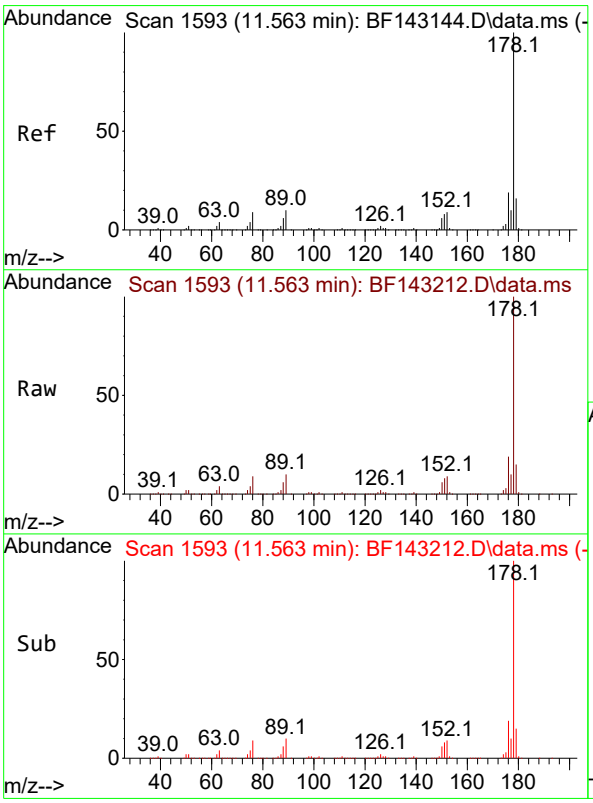
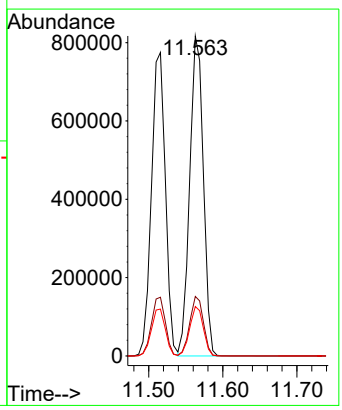
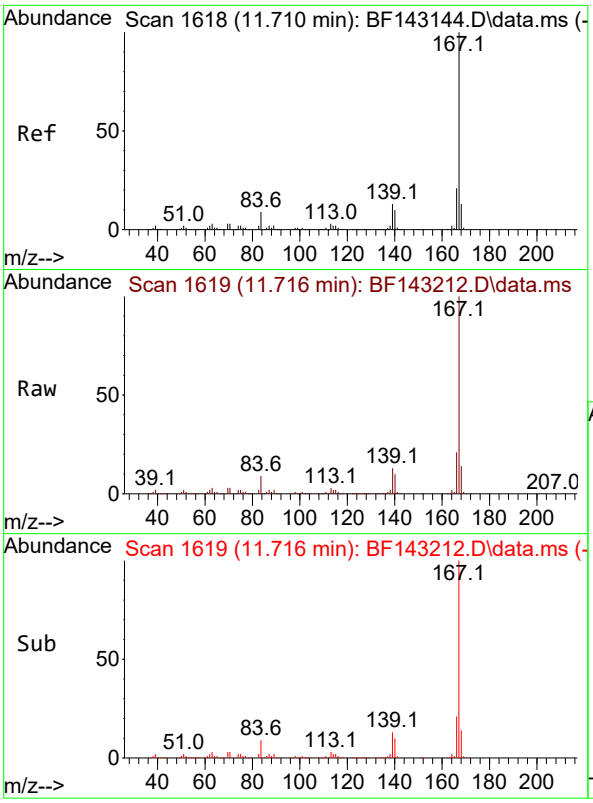



#72
Anthracene
Concen: 42.127 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:178 Resp: 1042962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |

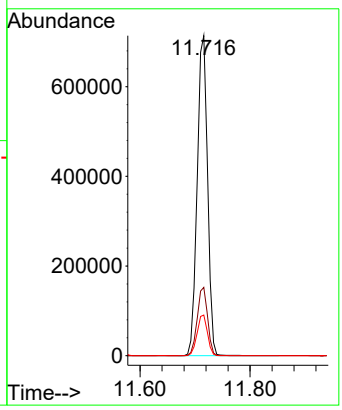





#73
Carbazole
Concen: 43.331 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:167 Resp: 93673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.0 | 25.6 |
| 139 | 12.7 | 10.0 | 15.0 |




**Instrument :**
BNA_F
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**Manual Integrations**
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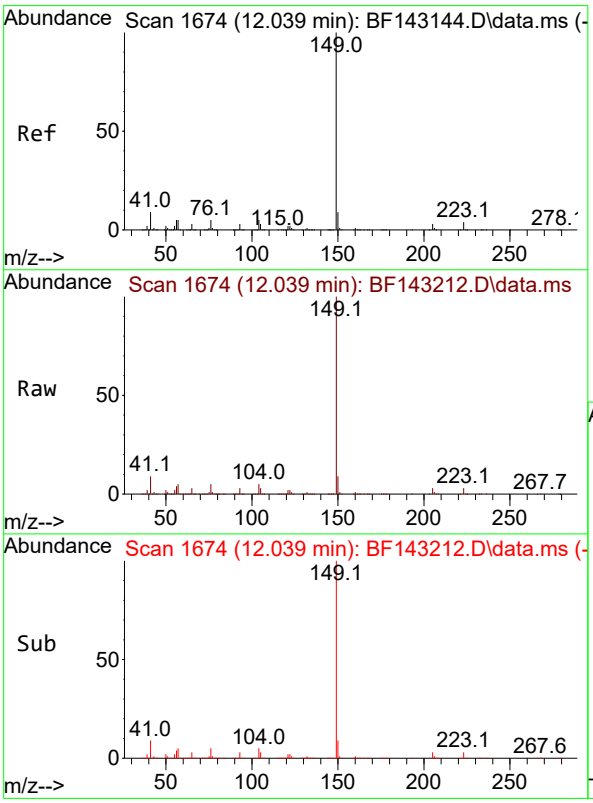
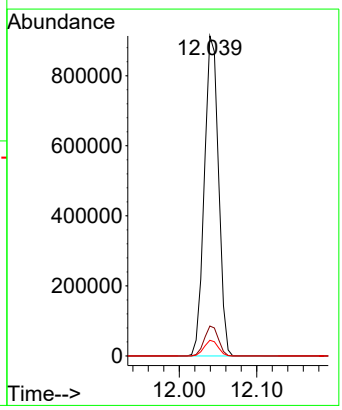
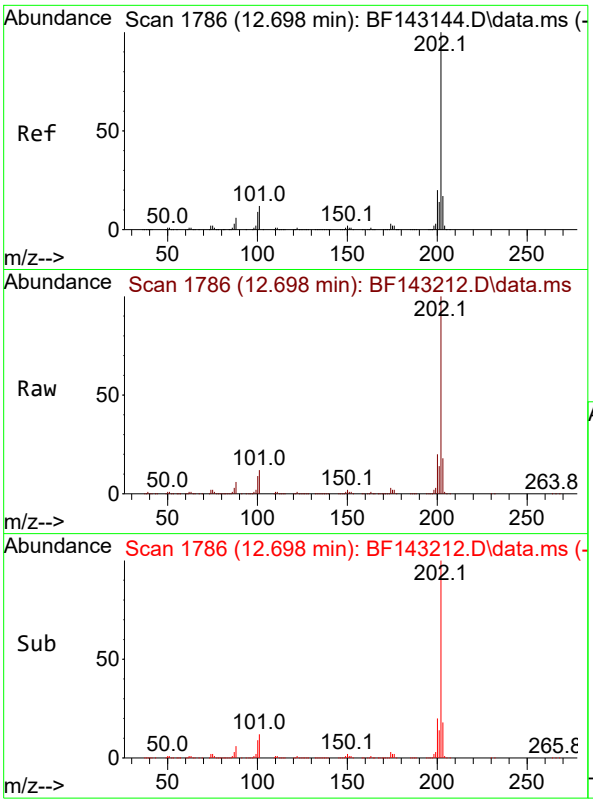



#74
Di-n-butylphthalate
Concen: 47.353 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 1158302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |

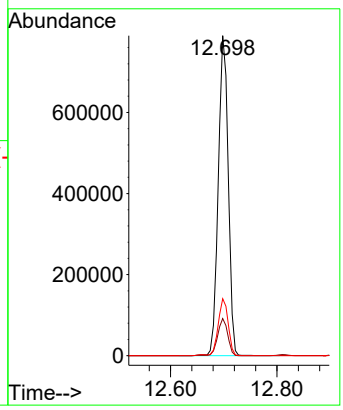





#75
Fluoranthene
Concen: 45.851 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 102160

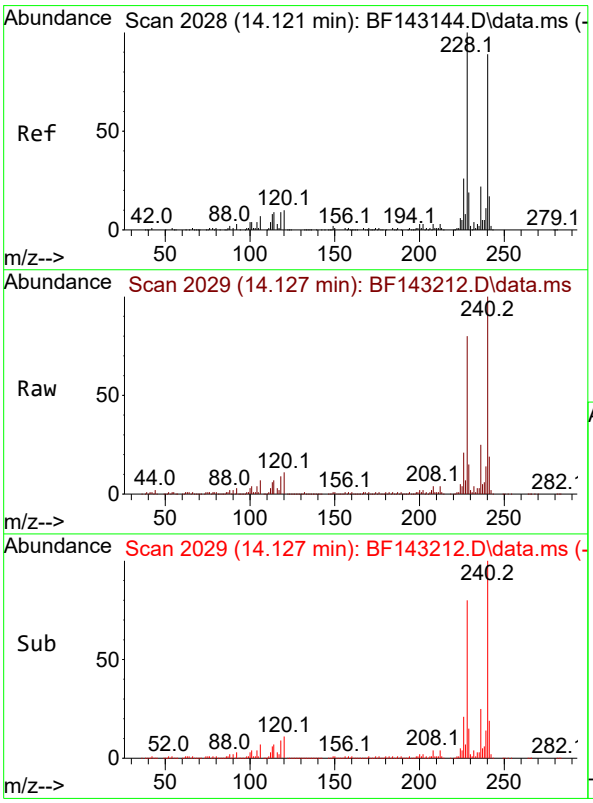
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**

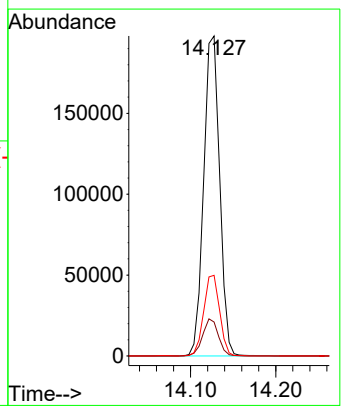
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

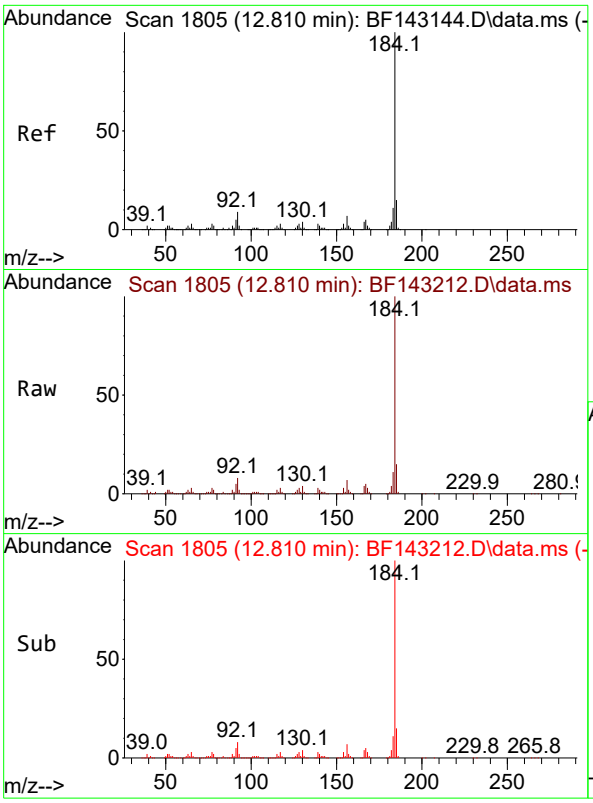



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:240 Resp: 257414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 9.4 | 14.2 |
| 236 | 25.2 | 20.2 | 30.4 |

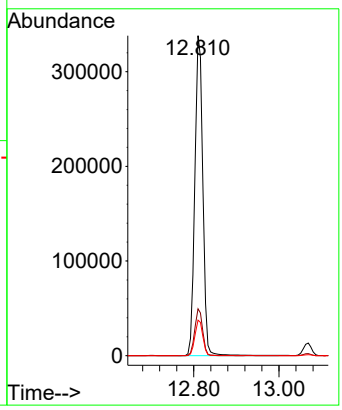





#77
Benzidine
Concen: 44.288 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 43922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.2 | 18.4 |
| 183 | 11.1 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/24/2025
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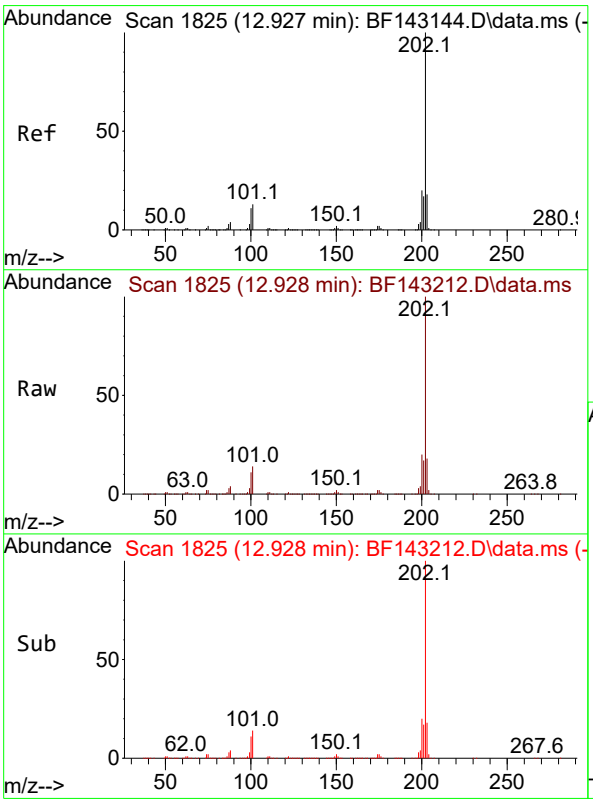
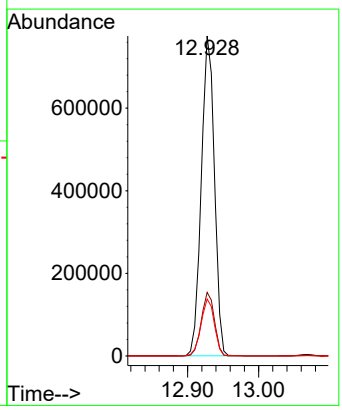
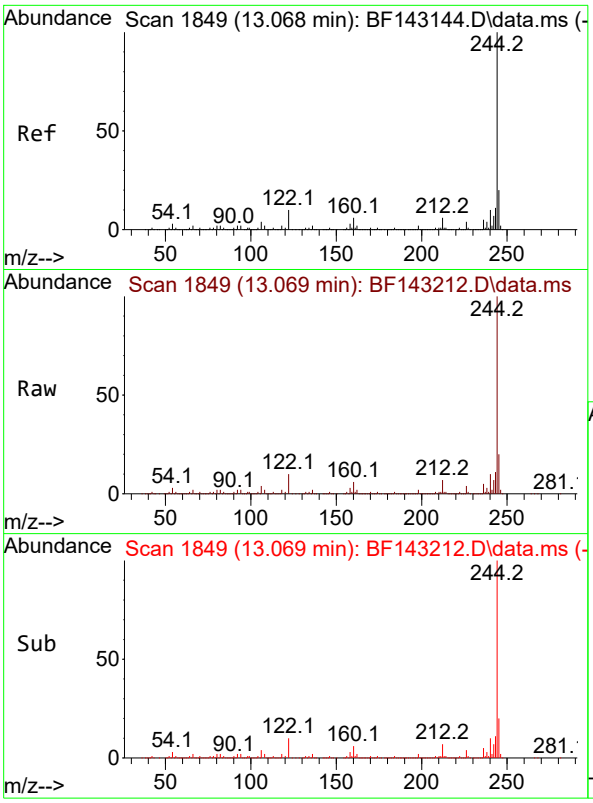



#78
Pyrene
Concen: 45.405 ng
RT: 12.928 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 997507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 17.8 | 14.2 | 21.2 |

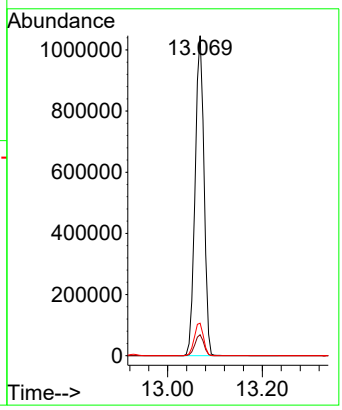





#79
Terphenyl-d14
Concen: 78.664 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:244 Resp: 136073

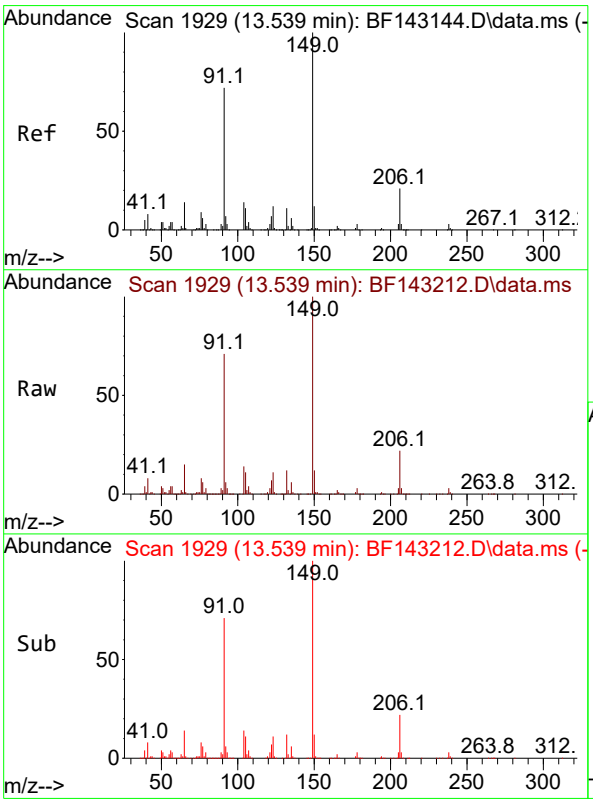
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

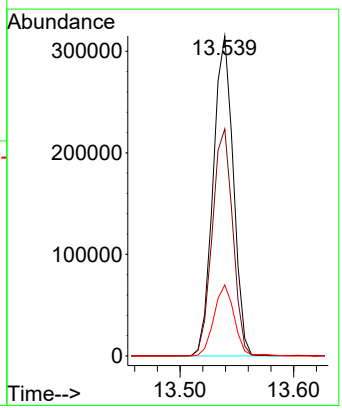
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

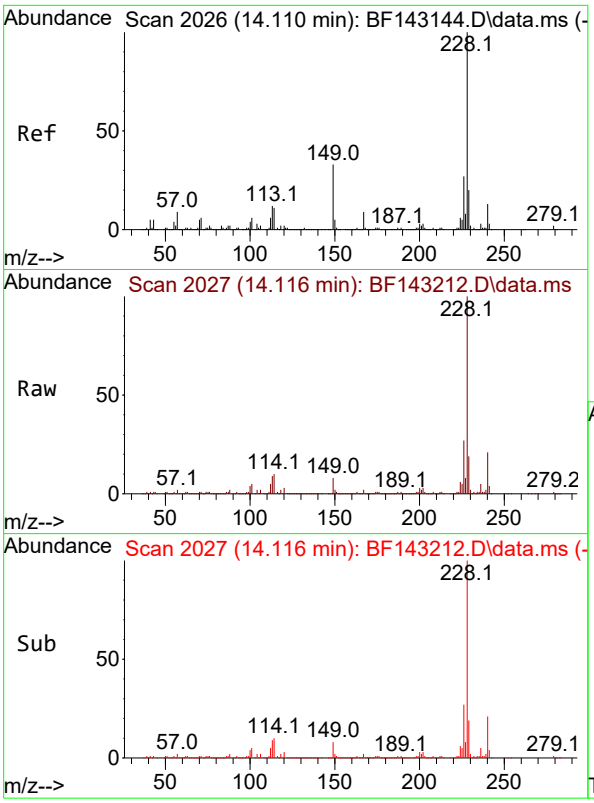



#80
Butylbenzylphthalate
Concen: 57.747 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 388473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.0 | 57.9 | 86.9 |
| 206 | 22.2 | 17.0 | 25.4 |

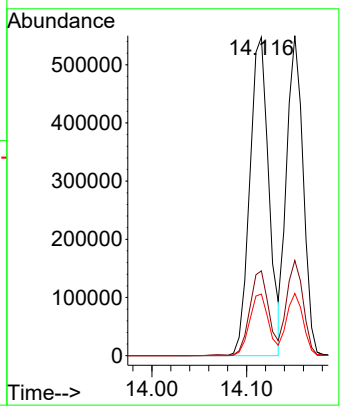





#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:228 Resp: 76878

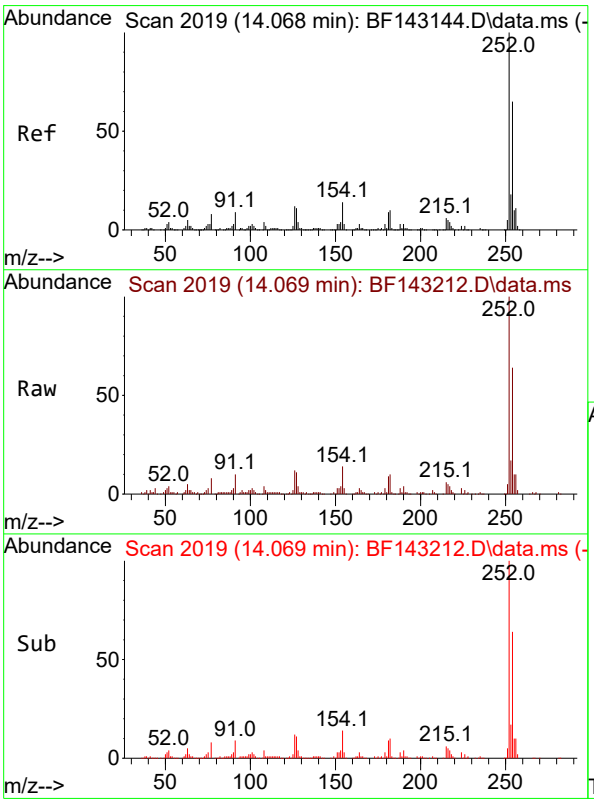
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.4 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

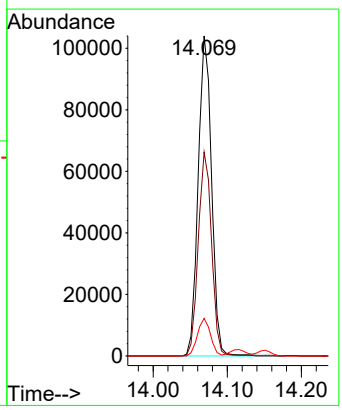
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

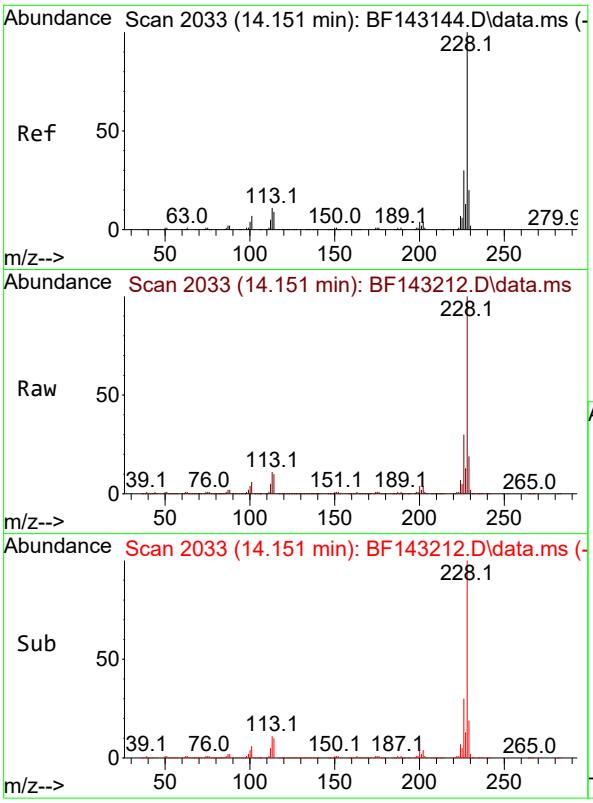



#82
3,3'-Dichlorobenzidine
Concen: 22.706 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 130418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.7 | 51.7 | 77.5 |
| 126 | 11.7 | 9.4 | 14.0 |

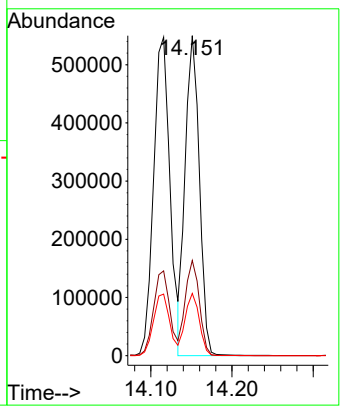





#83
Chrysene
Concen: 43.047 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:228 Resp: 66701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
**APPROVED**

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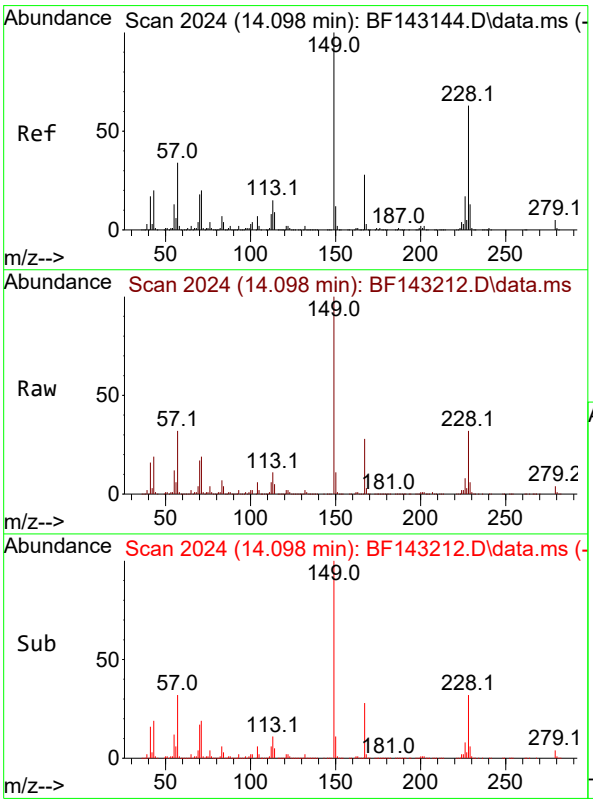
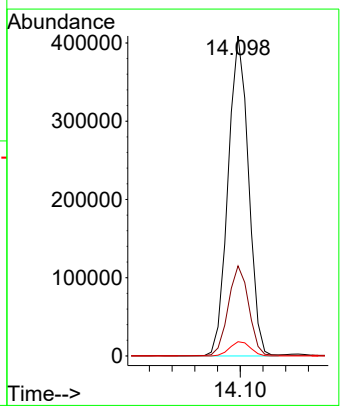
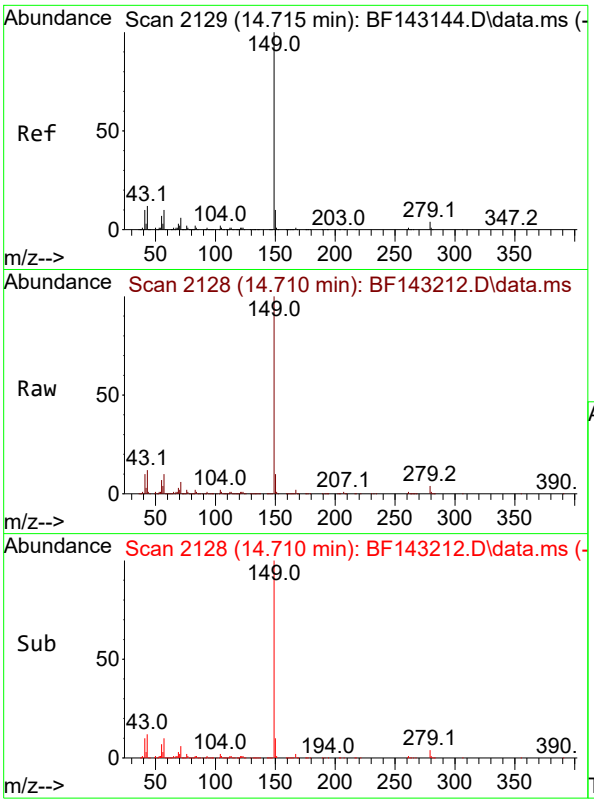



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.052 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 509639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |

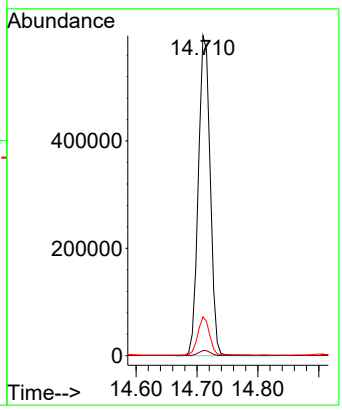





#85
Di-n-octyl phthalate
Concen: 43.453 ng
RT: 14.710 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 80199

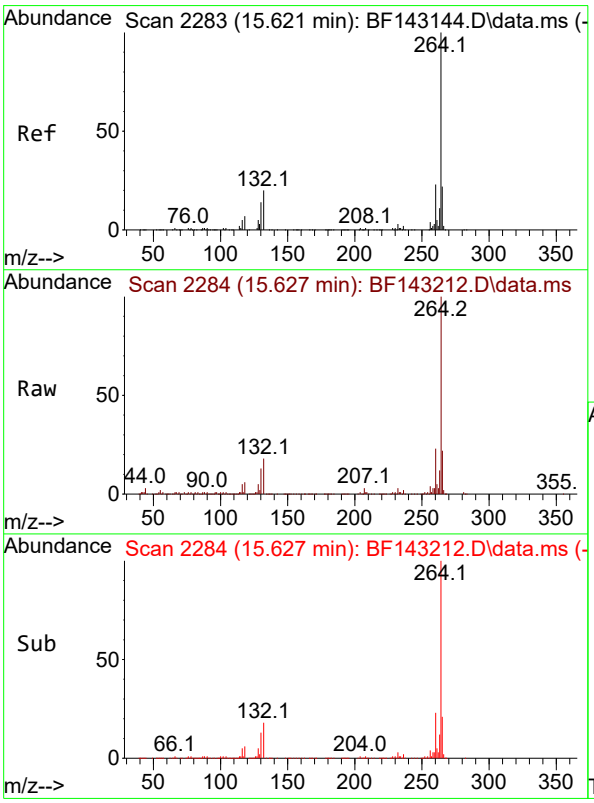
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.8 | 9.7 | 14.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**

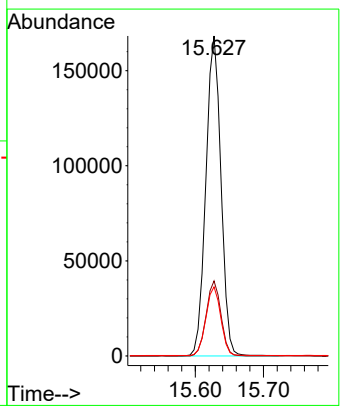
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

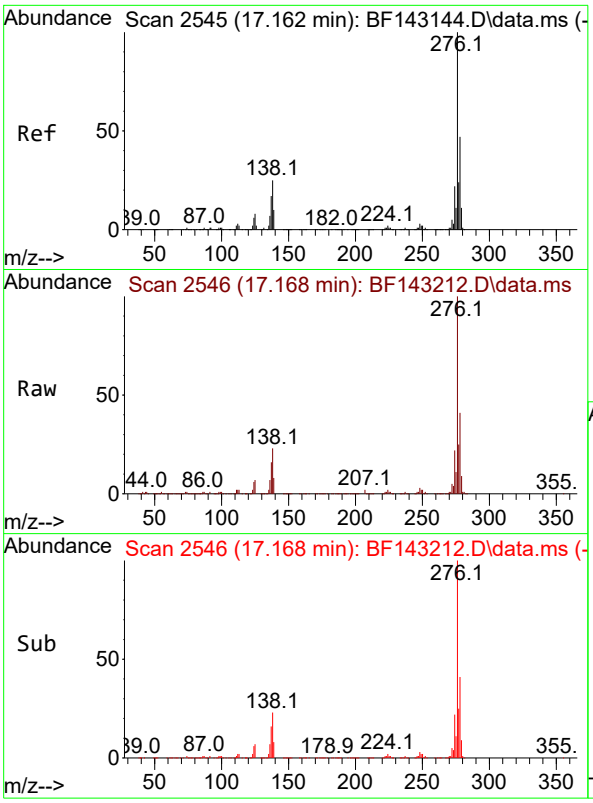



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:264 Resp: 259291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.5 | 27.7 |
| 265 | 21.6 | 17.4 | 26.2 |

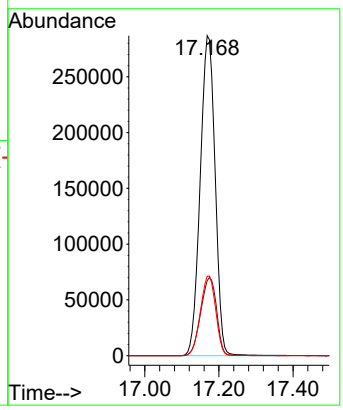





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.816 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 80111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.9 | 21.8 | 32.6 |
| 277 | 25.5 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
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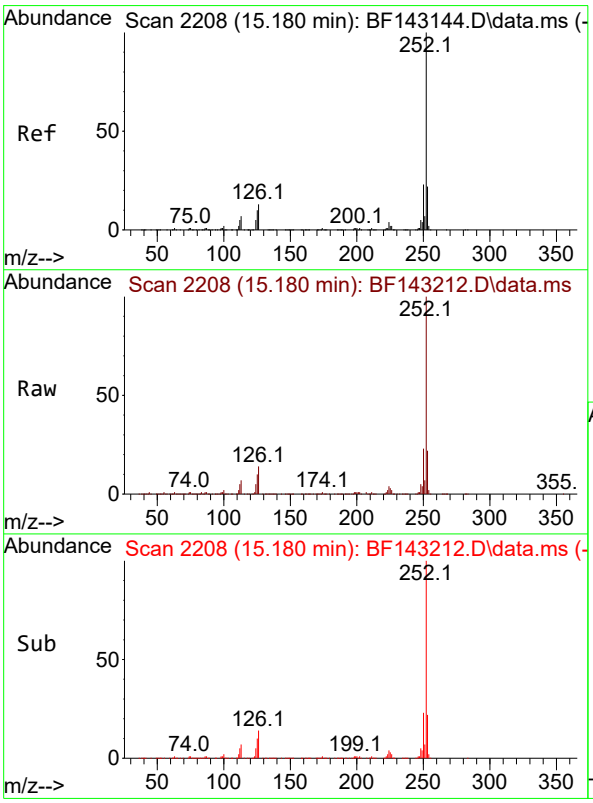
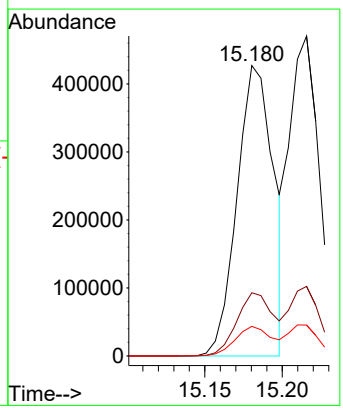
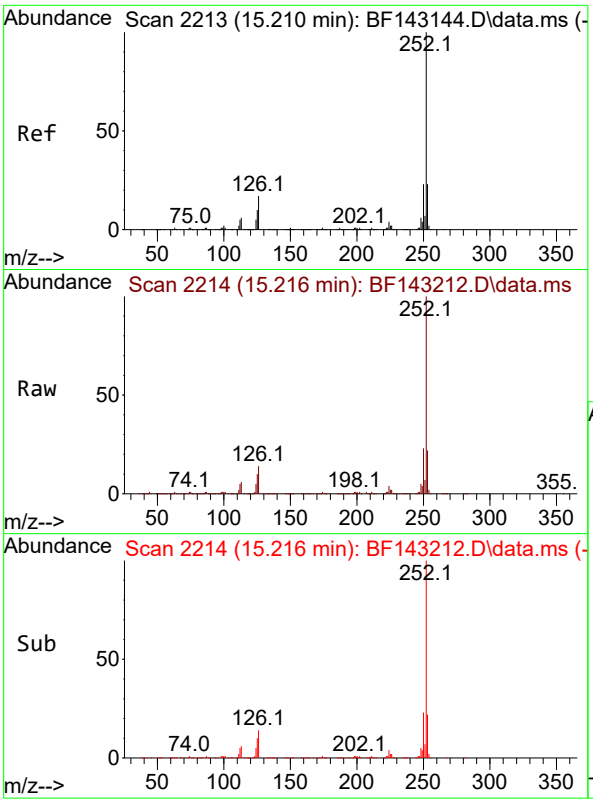



#88
Benzo(b)fluoranthene
Concen: 44.186 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 699919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.2 | 8.0 | 12.0 |






#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 62951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.7 | 8.1 | 12.1 |

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations**
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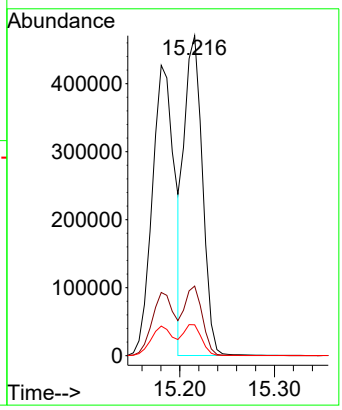
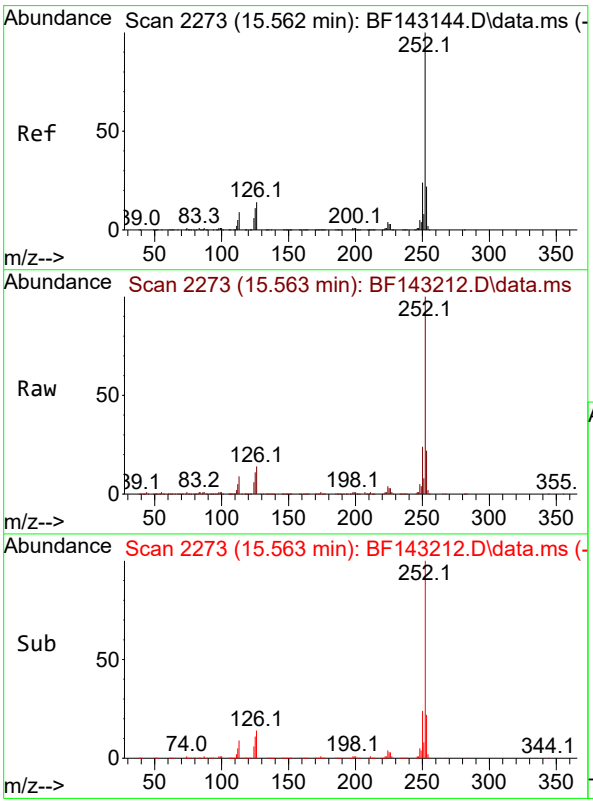
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

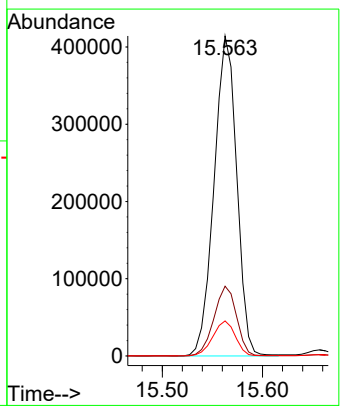


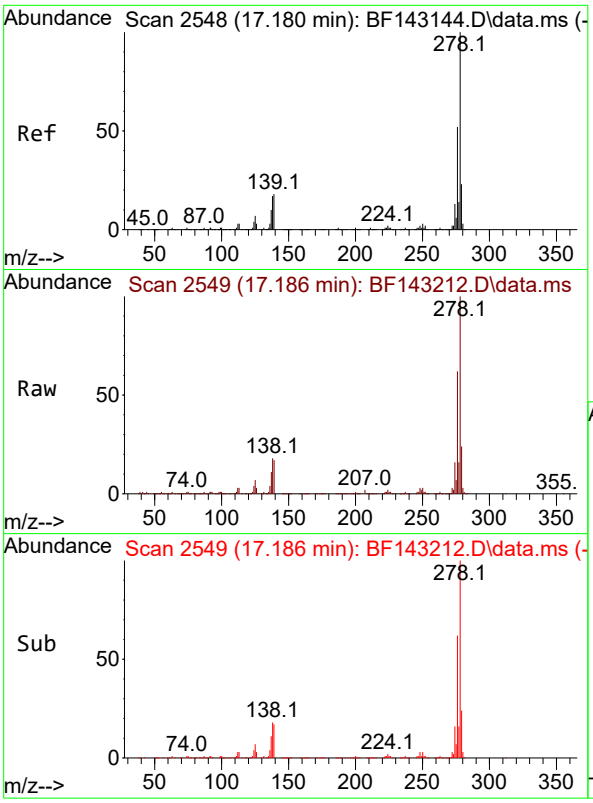




#90
Benzo(a)pyrene
Concen: 44.555 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 650257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 10.9 | 8.6 | 13.0 |

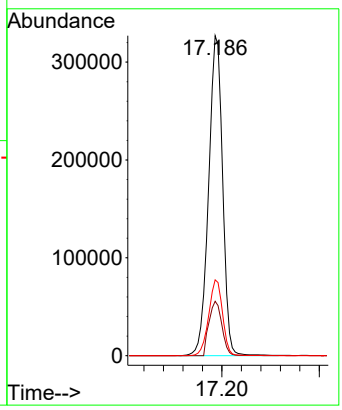





#91
Dibenzo(a,h)anthracene
Concen: 43.731 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:278 Resp: 65078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.0 | 14.1 | 21.1 |
| 279 | 23.7 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

**Manual Integrations APPROVED**

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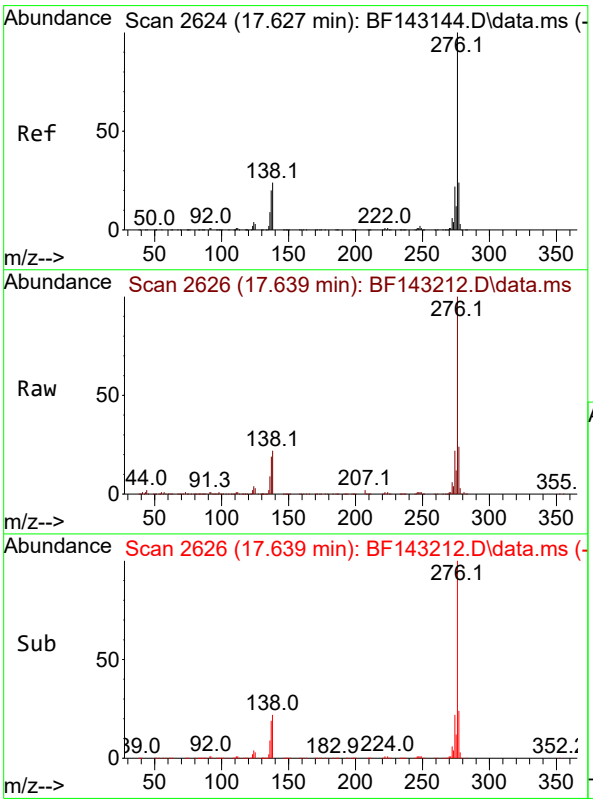
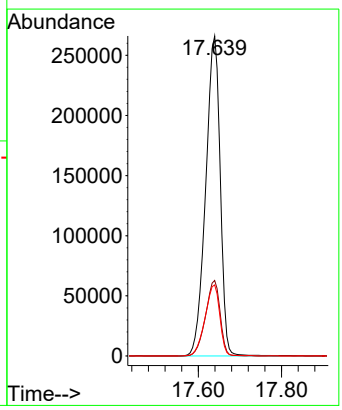



#92
Benzo(g,h,i)perylene
Concen: 44.808 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 645025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.1 | 28.7 |
| 138 | 22.2 | 18.9 | 28.3 |



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/17/25 |
| Client Sample ID: | RT2286MS | SDG No.: | Q2639 |
| Lab Sample ID: | Q2635-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 84.8 |
| Sample Wt/Vol: | 50.07 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143180.D | 1 | 07/21/25 09:30 | 07/22/25 10:26 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 1.00 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 1.00 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| 208-96-8 | Acenaphthylene | 1.00 | | 0.020 | 0.092 | 0.12 | mg/Kg |
| 83-32-9 | Acenaphthene | 1.10 | | 0.015 | 0.092 | 0.12 | mg/Kg |
| 86-73-7 | Fluorene | 1.00 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| 85-01-8 | Phenanthrene | 1.30 | | 0.015 | 0.092 | 0.12 | mg/Kg |
| 120-12-7 | Anthracene | 1.10 | | 0.024 | 0.092 | 0.12 | mg/Kg |
| 206-44-0 | Fluoranthene | 1.50 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 129-00-0 | Pyrene | 1.40 | | 0.025 | 0.092 | 0.12 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 1.30 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 218-01-9 | Chrysene | 1.30 | | 0.014 | 0.092 | 0.12 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1.60 | | 0.013 | 0.092 | 0.12 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1.20 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 1.30 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.84 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.73 | | 0.019 | 0.092 | 0.12 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.85 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 56.5 | | 37 - 122 | | 56% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 52.0 | | 44 - 115 | | 52% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 44.2 | * | 54 - 127 | | 44% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 123000 | 6.963 | | | | |
| 1146-65-2 | Naphthalene-d8 | 483000 | 8.245 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 259000 | 10.004 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 421000 | 11.492 | | | | |
| 1719-03-5 | Chrysene-d12 | 278000 | 14.133 | | | | |
| 1520-96-3 | Perylene-d12 | 251000 | 15.633 | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/17/25 |
| Client Sample ID: | RT2286MS | SDG No.: | Q2639 |
| Lab Sample ID: | Q2635-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 84.8 |
| Sample Wt/Vol: | 50.07 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143180.D | 1 | 07/21/25 09:30 | 07/22/25 10:26 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 122637 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 483164 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 258898 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.492 | 188 | 420723 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.133 | 240 | 277520 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 15.633 | 264 | 250625 | 20.000 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.592 | 112 | 656921 | 84.767 | ng | | 0.00 |
| 7) Phenol-d6 | 6.586 | 99 | 860079 | 88.173 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 547489 | 56.483 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 245931 | 91.952 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 984221 | 51.991 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 824200 | 44.195 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.840 | 88 | 130984 | 35.720 | ng | | 99 |
| 3) Pyridine | 3.610 | 79 | 355037 | 37.302 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.546 | 42 | 205539 | 41.826 | ng | | 99 |
| 6) Aniline | 6.628 | 93 | 319279 | 23.486 | ng | | 99 |
| 8) 2-Chlorophenol | 6.751 | 128 | 348702 | 42.926 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 239190 | 32.701 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 470154 | 44.243 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 345925 | 42.516 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 356842 | 40.438 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 362700 | 40.813 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.133 | 146 | 347469 | 41.109 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 331244 | 44.474 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 624571 | 41.381 | ng | | 100 |
| 17) 2-Methylphenol | 7.210 | 107 | 297538 | 43.562 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 131497 | 42.743 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 257035 | 41.072 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 367283 | 44.321 | ng | # | 78 |
| 22) Acetophenone | 7.369 | 105 | 473405 | 41.385 | ng | # | 98 |
| 24) Nitrobenzene | 7.539 | 77 | 393741 | 43.571 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 722769 | 42.240 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 184391 | 47.015 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 336155 | 42.048 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 424559 | 41.383 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 295634 | 43.850 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 300326 | 41.233 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1043768 | 43.865 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 242290 | 53.176 | ng | | 97 |
| 33) 4-Chloroaniline | 8.310 | 127 | 115901 | 11.929 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 180230 | 40.506 | ng | | 100 |
| 35) Caprolactam | 8.680 | 113 | 111637 | 54.796 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 337664 | 46.079 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 632605 | 43.689 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 654760 | 43.913 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.127 | 216 | 307216 | 41.101 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 269158 | 55.342 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 225706 | 43.631 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 226021 | 43.678 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 845751 | 41.871 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 622529 | 41.652 | ng | | 99 |
| 48) 2-Nitroaniline | 9.533 | 65 | 228188 | 48.685 | ng | | 97 |
| 49) Acenaphthylene | 9.863 | 152 | 1074389 | 42.895 | ng | | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 739486 | 43.820 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.780 | 165 | 162636 | 47.374 | ng | | 98 |
| 52) Acenaphthene | 10.039 | 154 | 702409 | 47.447 | ng | | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 150223 | 37.411 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 161630 | 101.891 | ng | # | 1 |
| 55) Dibenzofuran | 10.210 | 168 | 958909 | 43.628 | ng | | 100 |
| 56) 4-Nitrophenol | 10.104 | 139 | 290208 | 96.784 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 222639 | 51.692 | ng | | 98 |
| 58) Fluorene | 10.551 | 166 | 735293 | 44.574 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.327 | 232 | 194167 | 45.297 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 770106 | 46.169 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 350275 | 42.644 | ng | | 98 |
| 62) 4-Nitroaniline | 10.563 | 138 | 162531 | 47.227 | ng | | 97 |
| 63) Azobenzene | 10.704 | 77 | 806940 | 46.418 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 106177 | 48.125 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 640269 | 43.218 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 215047 | 42.890 | ng | | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 221260 | 42.221 | ng | | 99 |
| 69) Atrazine | 11.186 | 200 | 192717 | 47.184 | ng | | 98 |
| 70) Pentachlorophenol | 11.292 | 266 | 273917 | 88.880 | ng | | 99 |
| 71) Phenanthrene | 11.516 | 178 | 1252082 | 56.049 | ng | | 99 |
| 72) Anthracene | 11.569 | 178 | 1059941 | 46.522 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 866665 | 43.563 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1089699 | 48.409 | ng | | 100 |
| 75) Fluoranthene | 12.704 | 202 | 1341747 | 65.437 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 257059 | 24.042 | ng | | 99 |
| 78) Pyrene | 12.933 | 202 | 1405043 | 59.322 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 372649 | 51.381 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.121 | 228 | 1055813 | 56.825 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 136903 | 22.108 | ng | | 99 |
| 83) Chrysene | 14.157 | 228 | 926475 | 55.460 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 512026 | 46.643 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 949372m | 47.711 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 632228 | 35.775 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.192 | 252 | 1015390 | 66.318 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 712098 | 52.120 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.574 | 252 | 800603 | 56.754 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 444650 | 30.912 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 504925 | 36.288 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

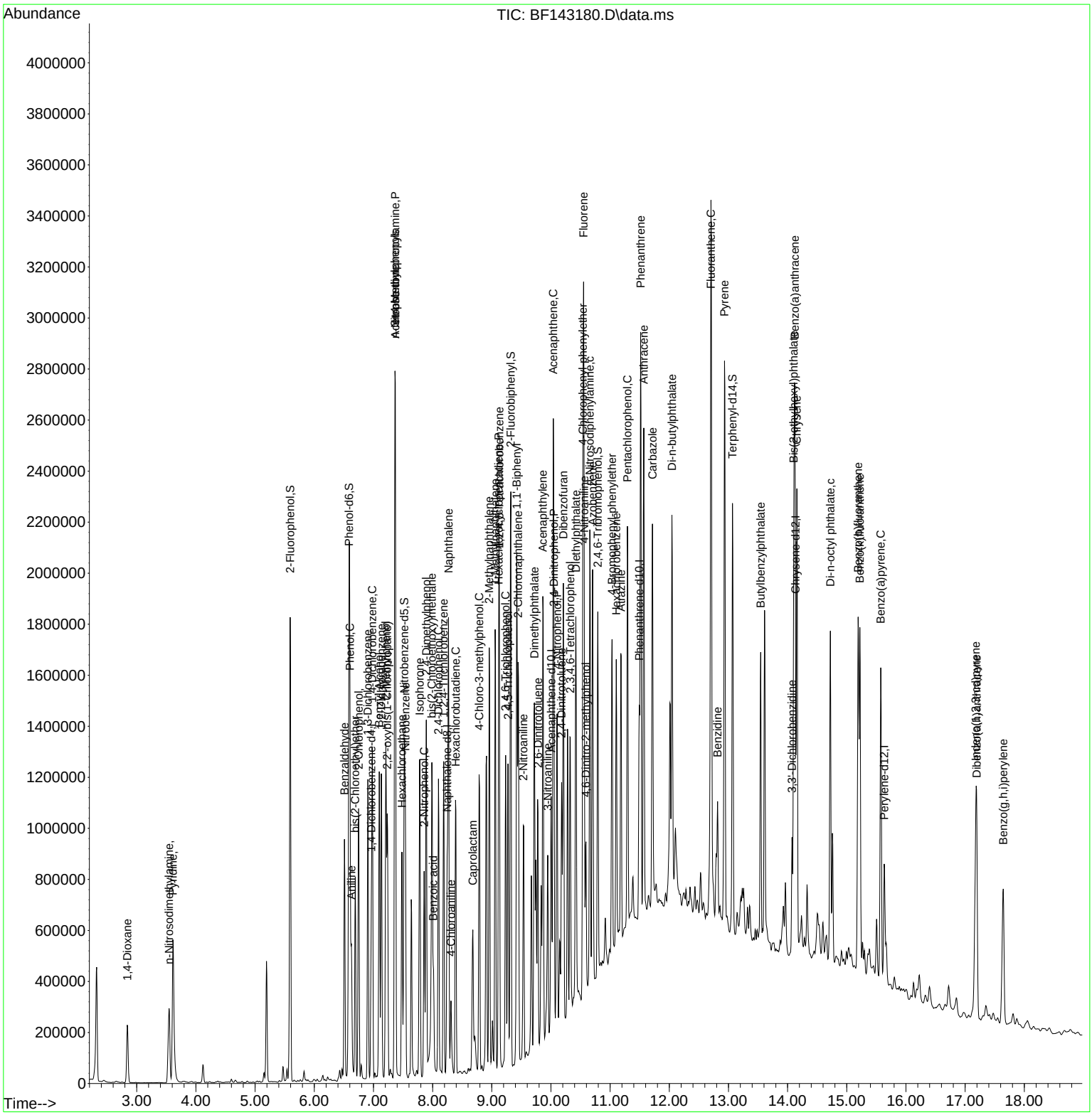
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

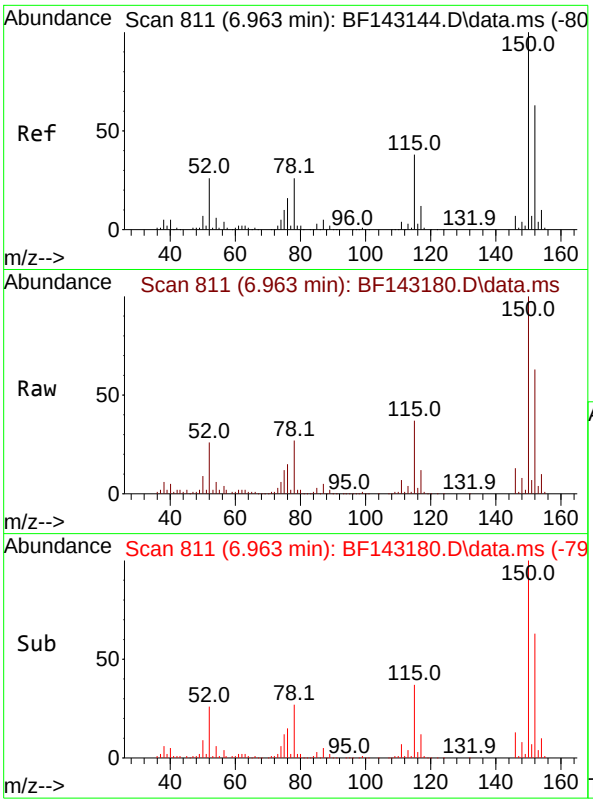
Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

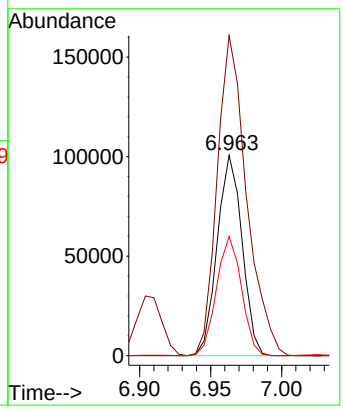





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:152 Resp: 12263

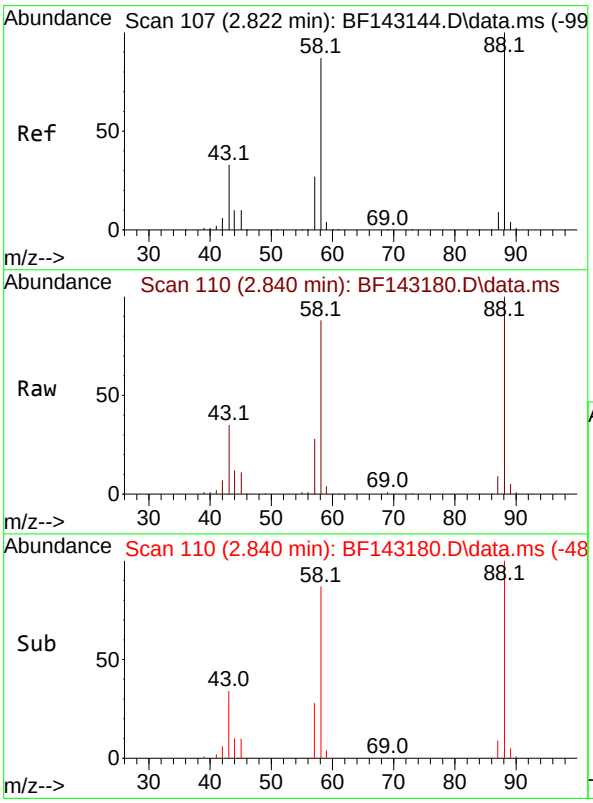
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.7 | 128.2 | 192.4 |
| 115 | 59.4 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

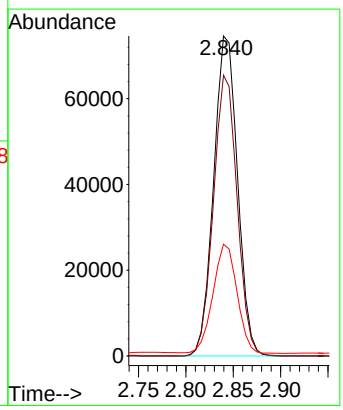
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

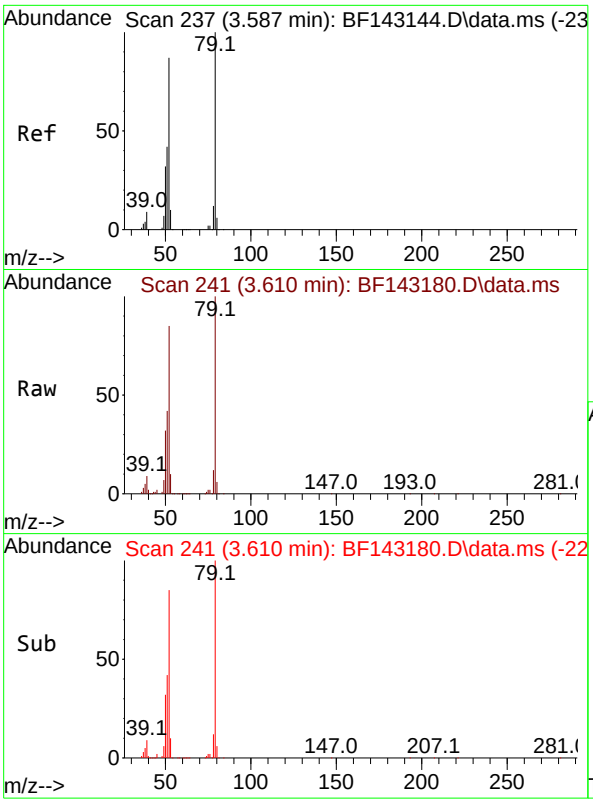



#2
1,4-Dioxane
Concen: 35.720 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 88 Resp: 130984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.3 | 70.2 | 105.2 |
| 43 | 34.4 | 27.1 | 40.7 |






#3
Pyridine
Concen: 37.302 ng
RT: 3.610 min Scan# 24
Delta R.T. 0.023 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

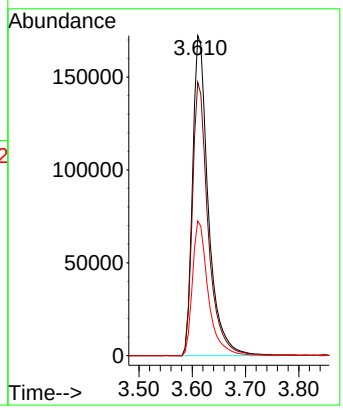
Tgt Ion: 79 Resp: 35503

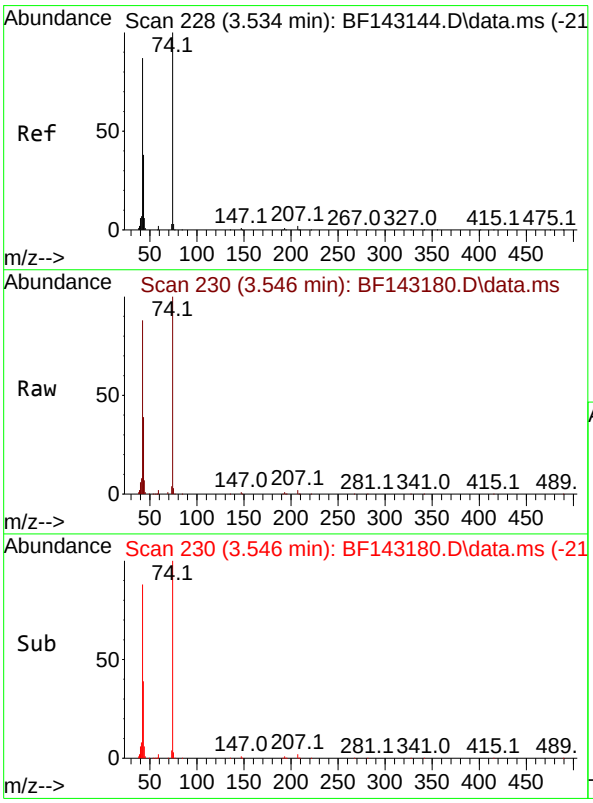
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.5 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

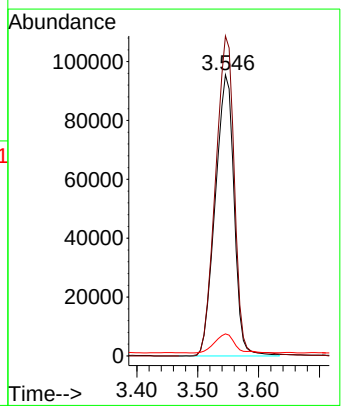


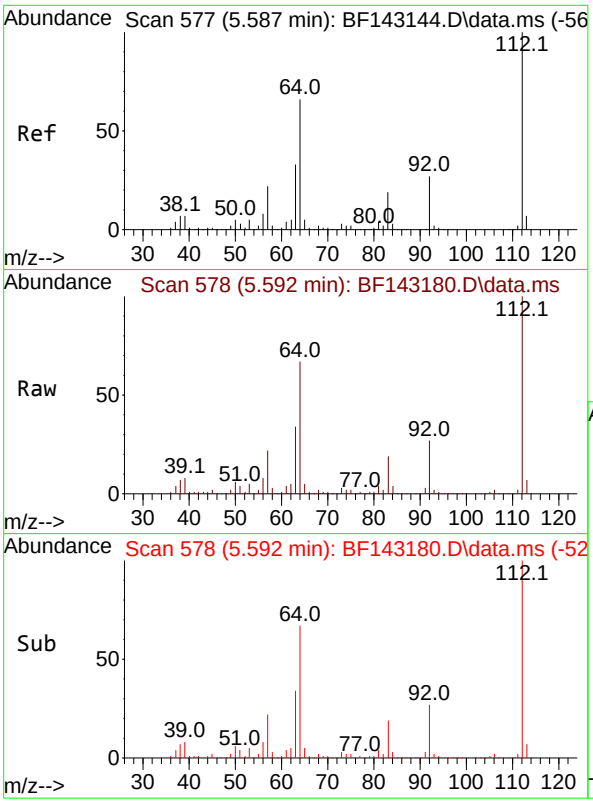




#4
n-Nitrosodimethylamine
Concen: 41.826 ng
RT: 3.546 min Scan# 230
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 42 Resp: 205539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.8 | 91.7 | 137.5 |
| 44 | 7.9 | 5.6 | 8.4 |

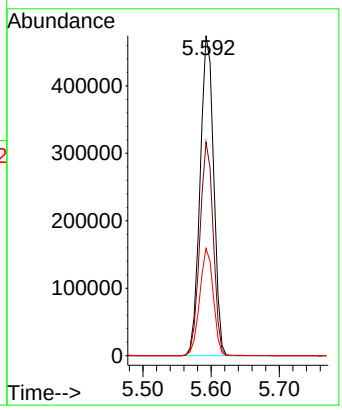





#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:112 Resp: 65692

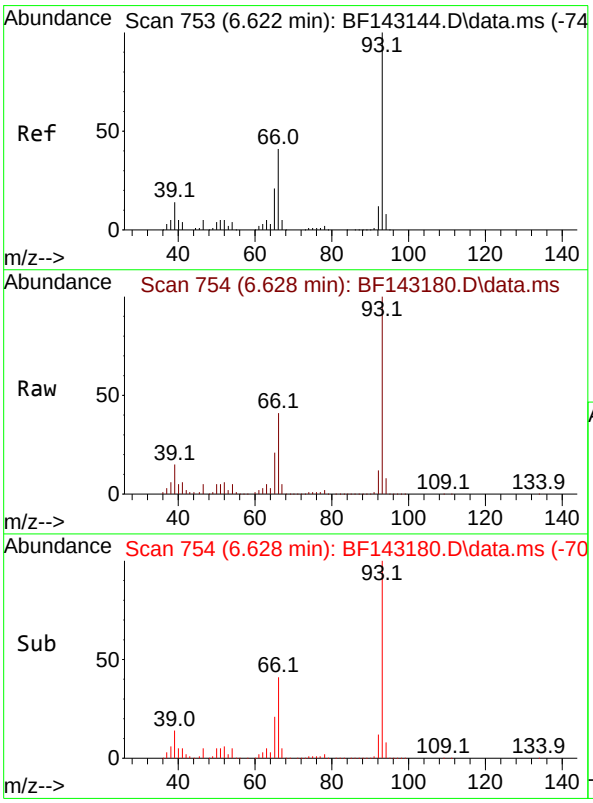
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 53.1 | 79.7 |
| 63 | 33.5 | 26.6 | 40.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

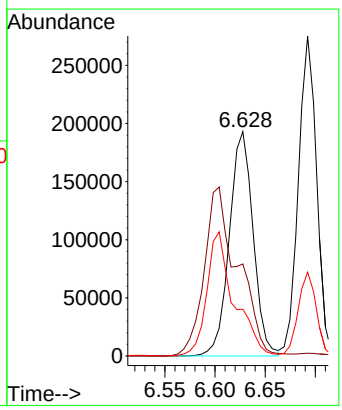
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

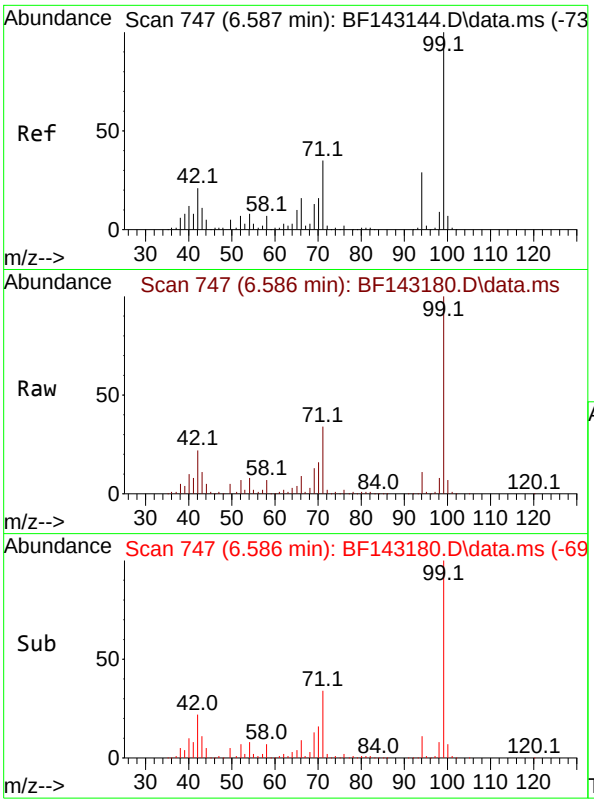



#6
Aniline
Concen: 23.486 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 319279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.8 | 16.9 | 25.3 |

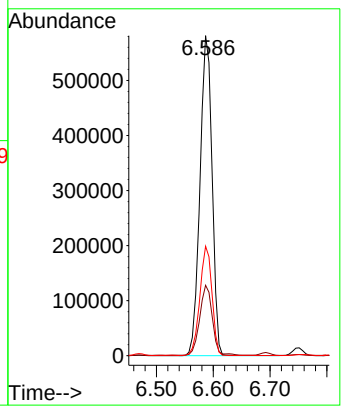





#7
Phenol-d6
Concen: 88.173 ng
RT: 6.586 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 99 Resp: 86007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.0 | 17.0 | 25.6 |
| 71 | 34.2 | 27.7 | 41.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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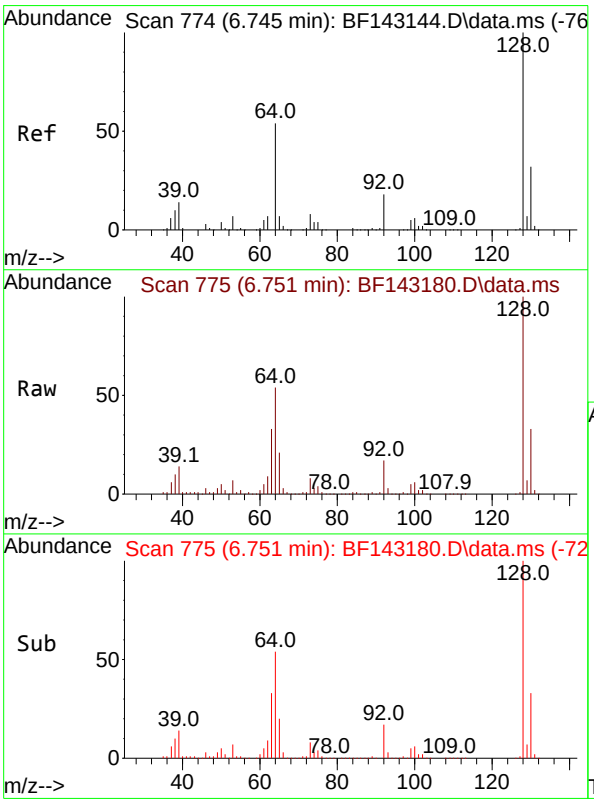
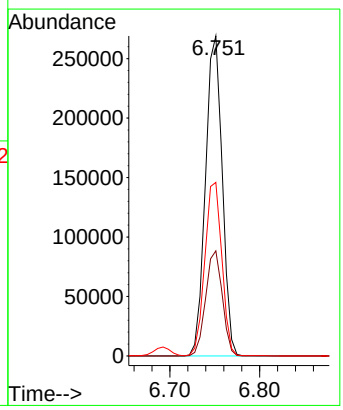
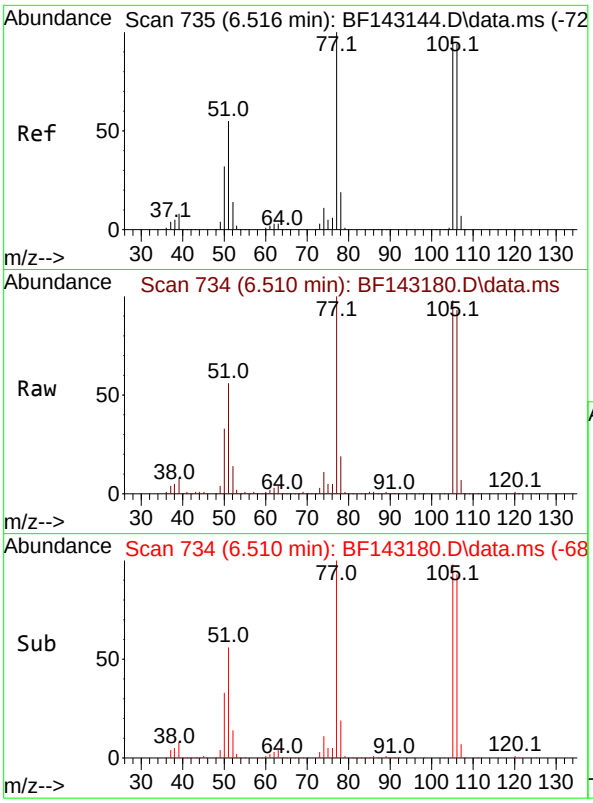



#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 348702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 54.2 | 35.9 | 75.9 |

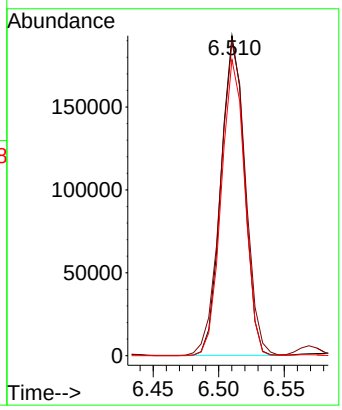





#9
Benzaldehyde
Concen: 32.701 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 23919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.0 | 76.8 | 116.8 |
| 106 | 92.5 | 74.4 | 114.4 |

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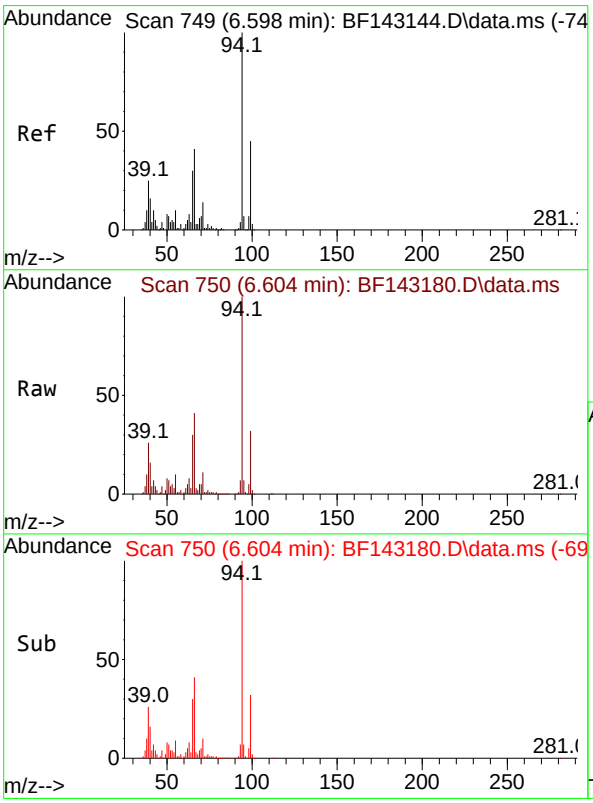
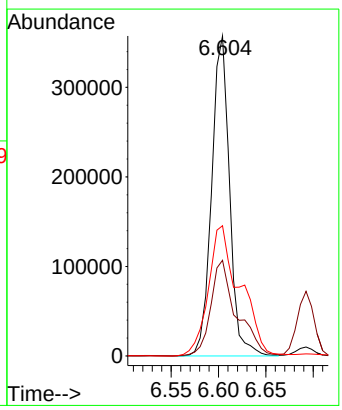
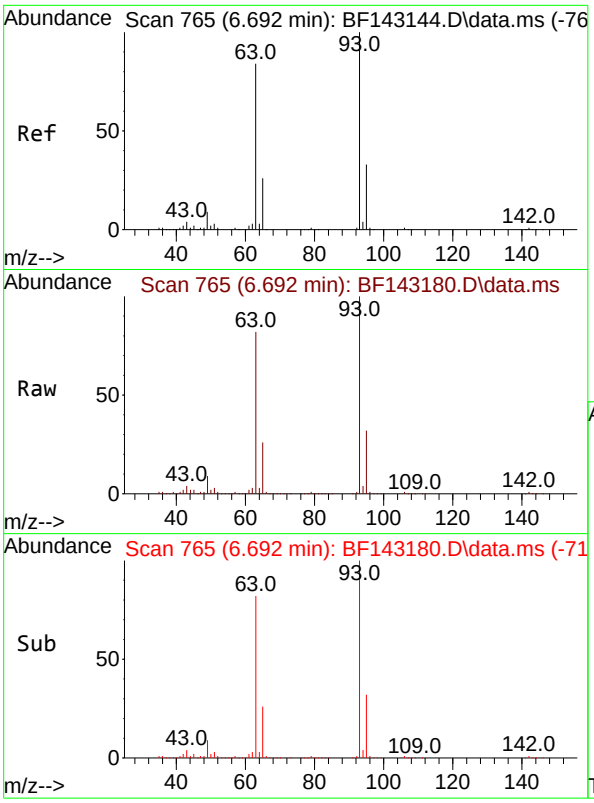



#10
Phenol
Concen: 44.243 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 94 Resp: 470154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 10.0 | 50.0 |
| 66 | 40.7 | 20.8 | 60.8 |

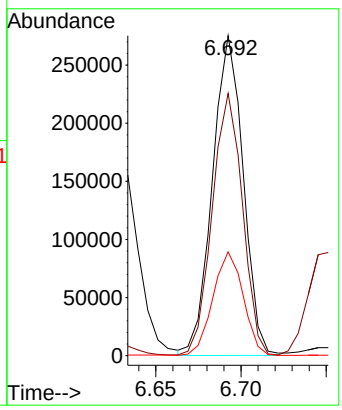





#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 34592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.9 | 63.4 | 103.4 |
| 95 | 32.5 | 12.4 | 52.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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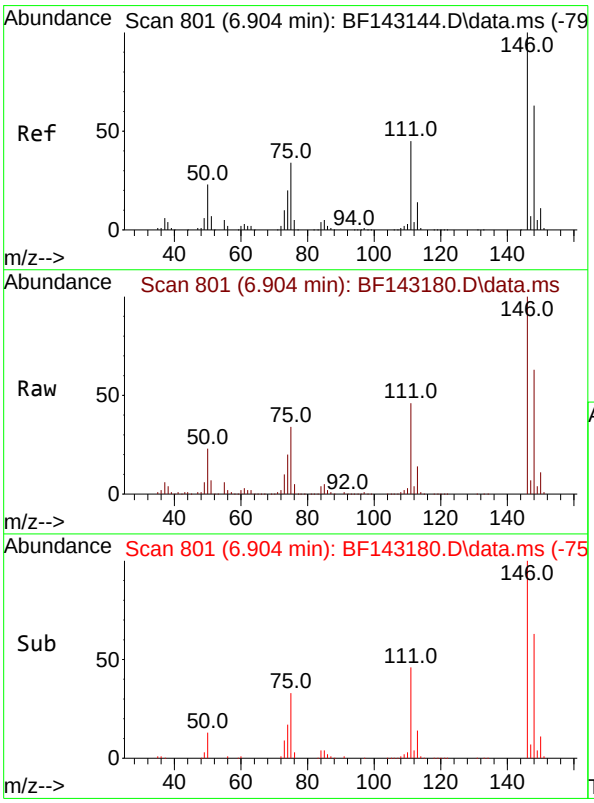
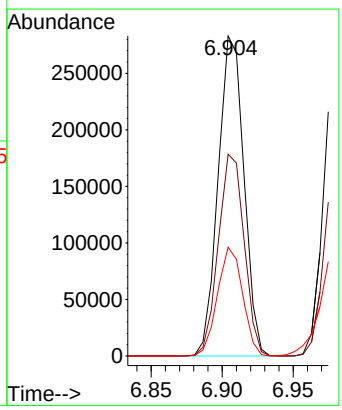
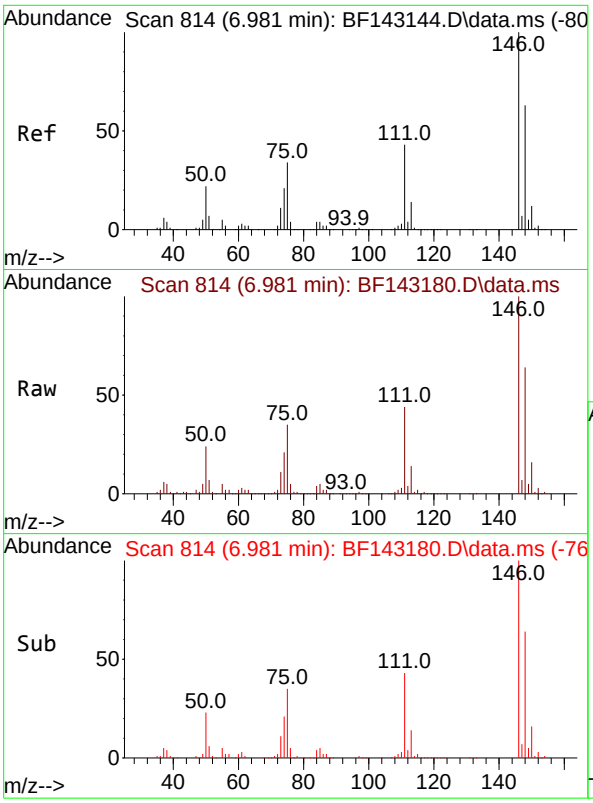



#12
1,3-Dichlorobenzene
Concen: 40.438 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 356842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 75 | 34.0 | 27.4 | 41.2 |

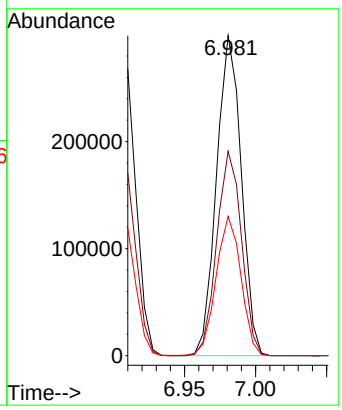





#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 36270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 50.3 | 75.5 |
| 111 | 43.6 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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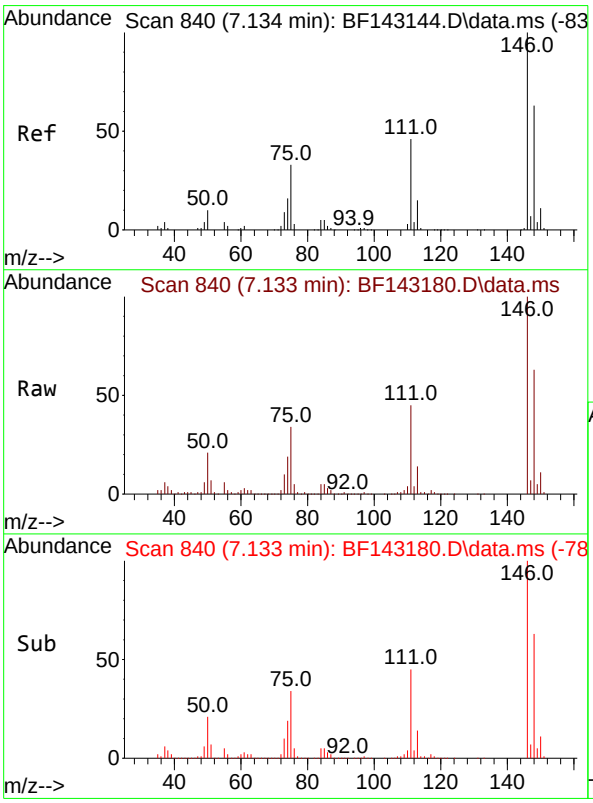
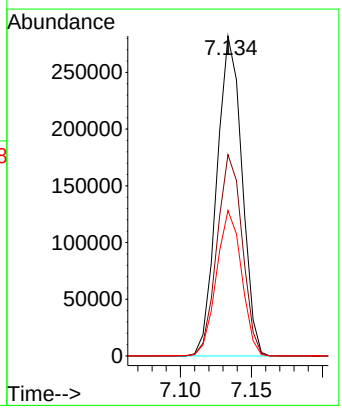
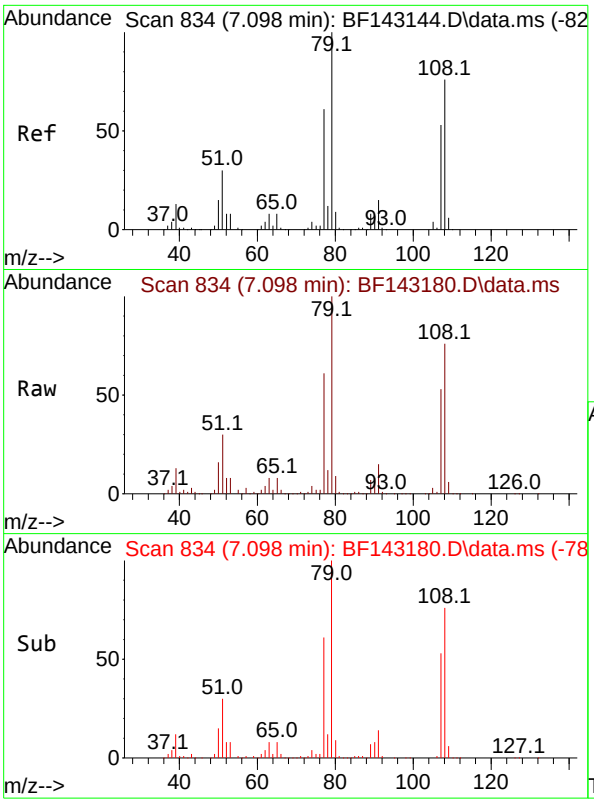



#14
1,2-Dichlorobenzene
Concen: 41.109 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 347469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.7 | 76.1 |
| 111 | 45.5 | 36.6 | 54.8 |






#15
Benzyl Alcohol
Concen: 44.474 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 79 Resp: 33124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.6 | 61.1 | 91.7 |
| 77 | 61.4 | 48.9 | 73.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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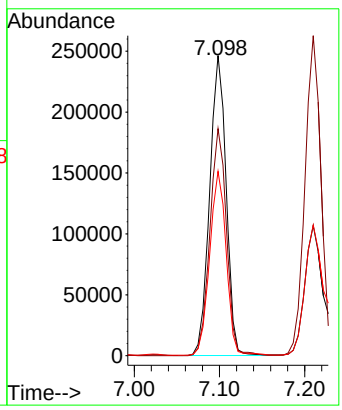
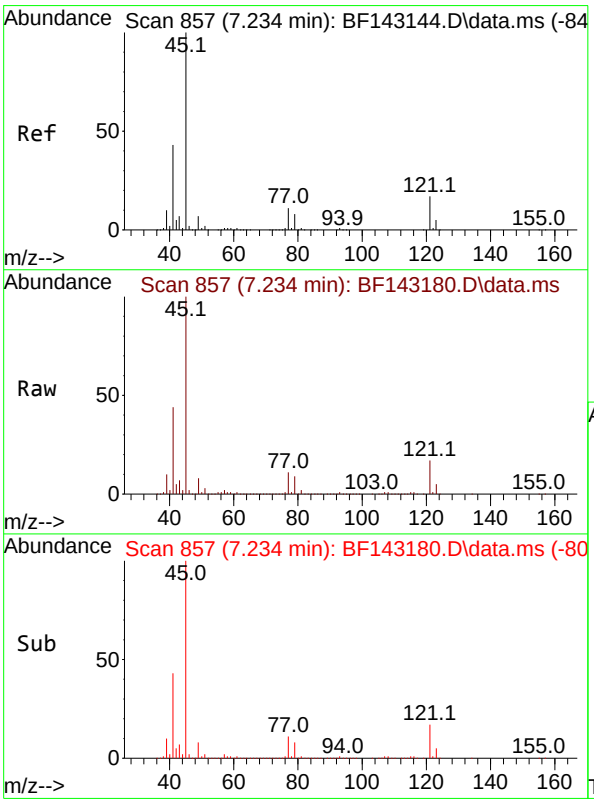
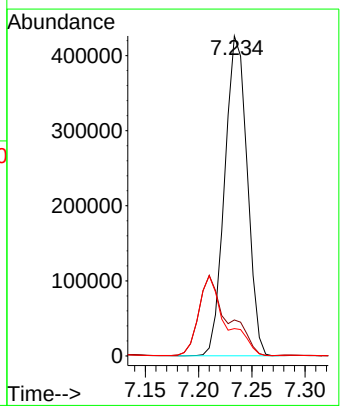


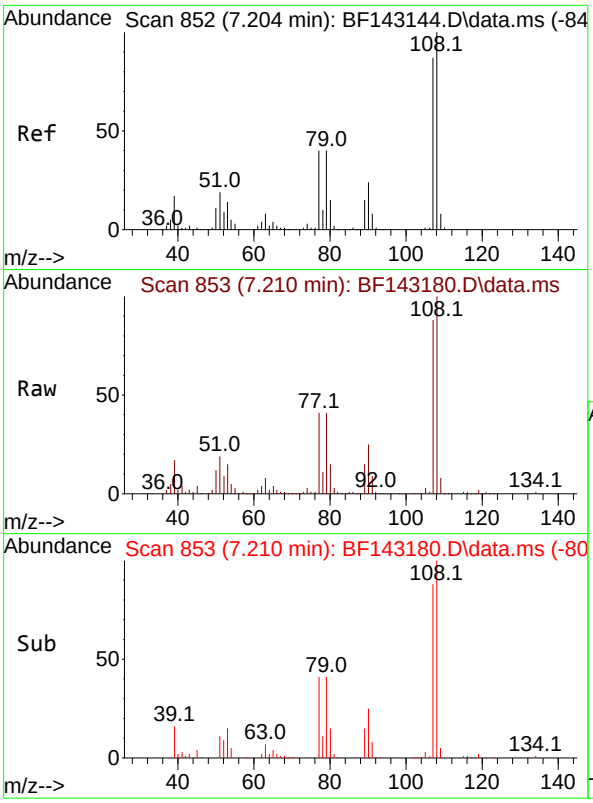




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.381 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 45 Resp: 624571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.6 | 0.0 | 28.5 |

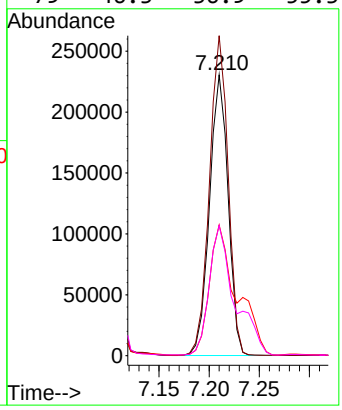





#17
2-Methylphenol
Concen: 43.562 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 29753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.8 | 137.6 |
| 77 | 46.6 | 37.0 | 55.6 |
| 79 | 46.3 | 36.9 | 55.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
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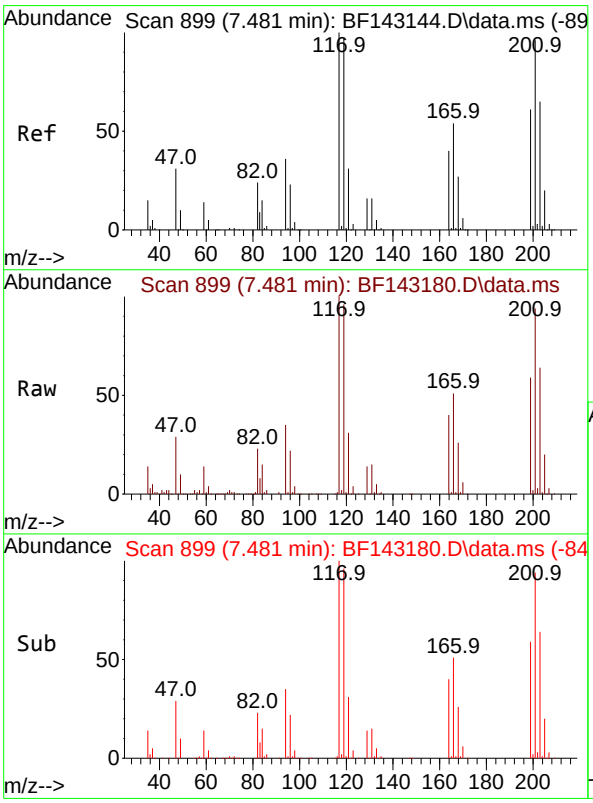
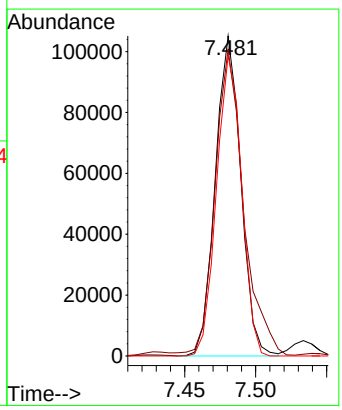
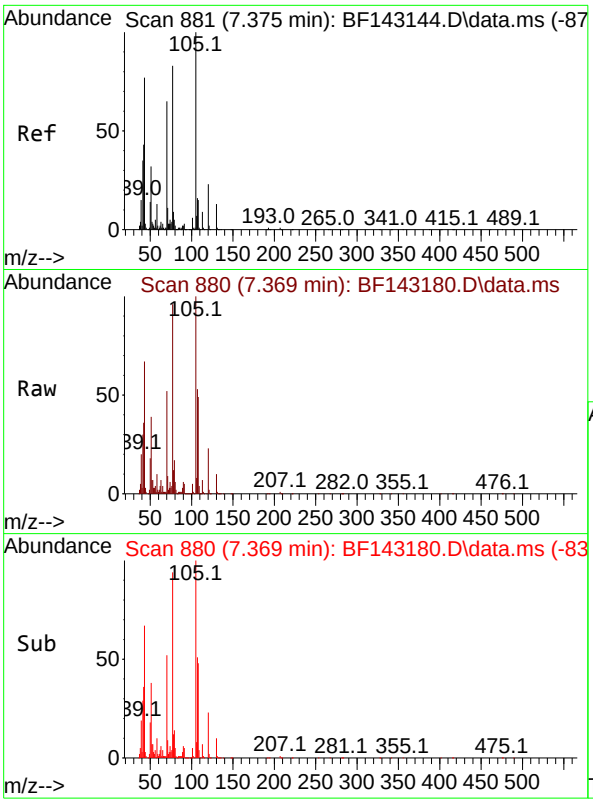



#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:117 Resp: 131497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 77.8 | 116.8 |
| 201 | 94.0 | 77.0 | 115.4 |

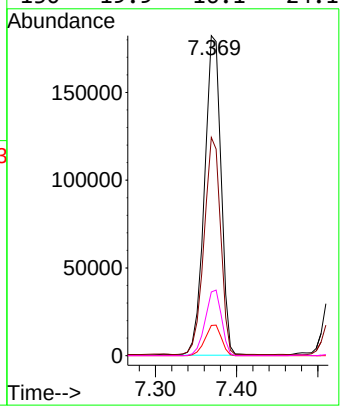





#19
n-Nitroso-di-n-propylamine
Concen: 41.072 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 70 Resp: 25703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.2 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
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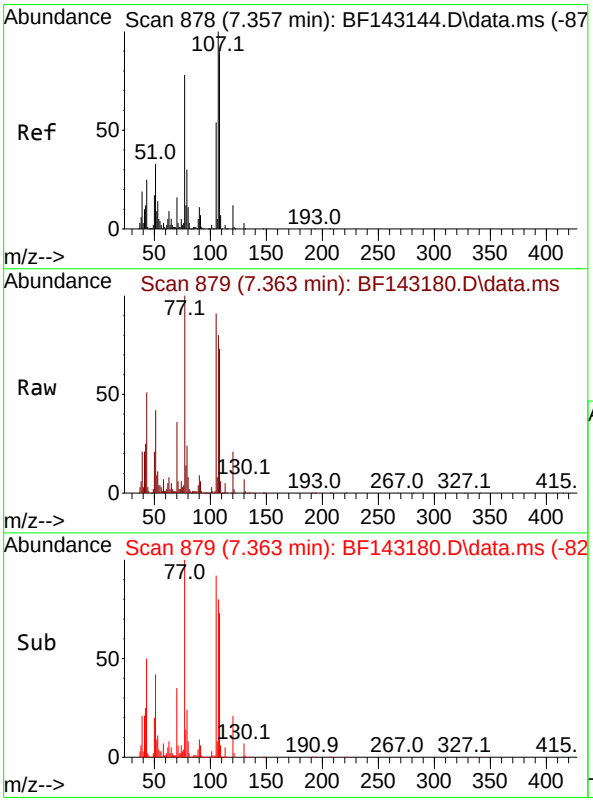
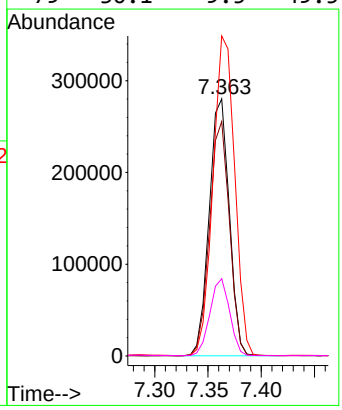
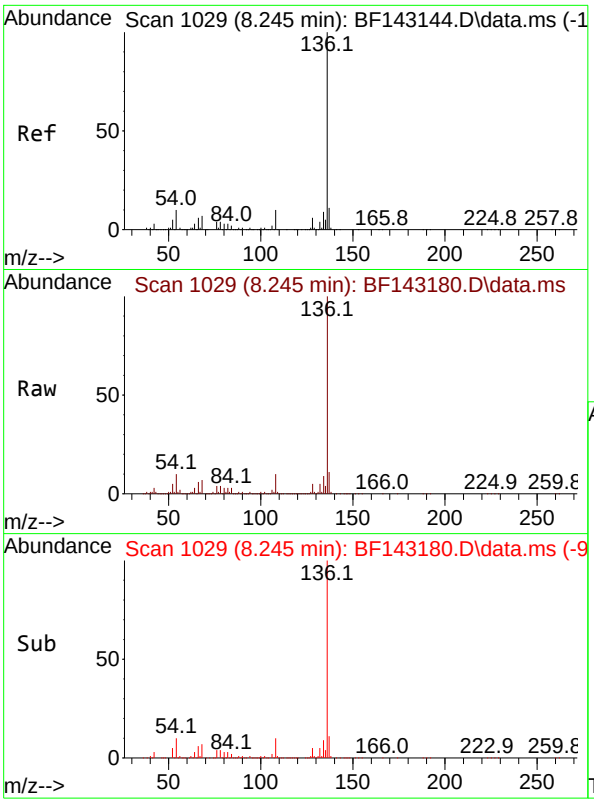



#20
3+4-Methylphenols
Concen: 44.321 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 367283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 70.0 | 110.0 |
| 77 | 124.5 | 57.8 | 97.8# |
| 79 | 30.1 | 9.5 | 49.5 |

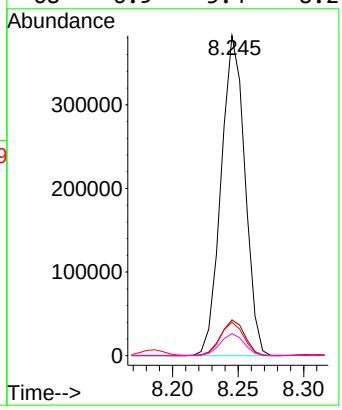





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:136 Resp: 48316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.6 | 13.0 |
| 54 | 10.4 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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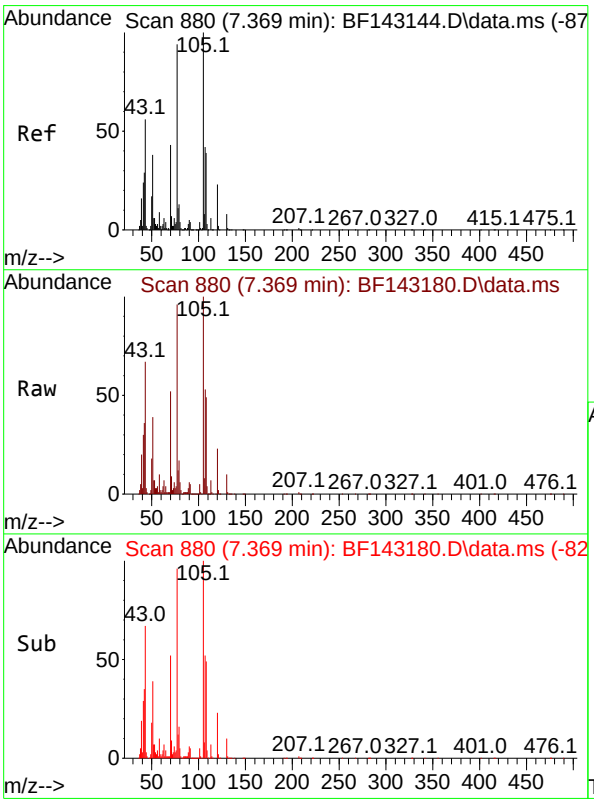
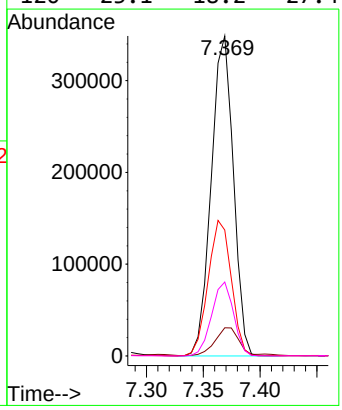
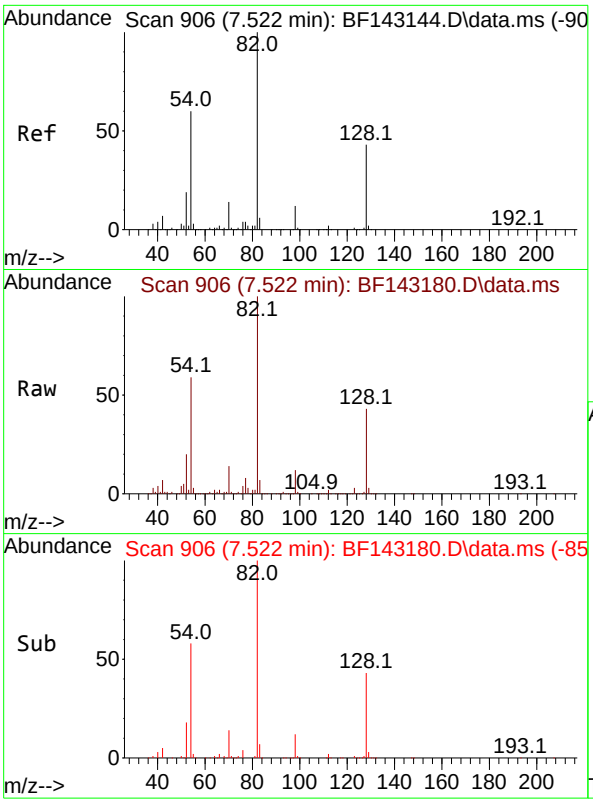



#22
Acetophenone
Concen: 41.385 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:105 Resp: 473405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.8 | 5.8 | 8.6# |
| 51 | 39.4 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 56.483 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 82 Resp: 54748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 33.6 | 50.4 |
| 54 | 59.5 | 47.1 | 70.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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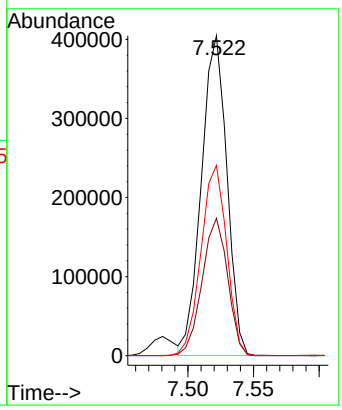
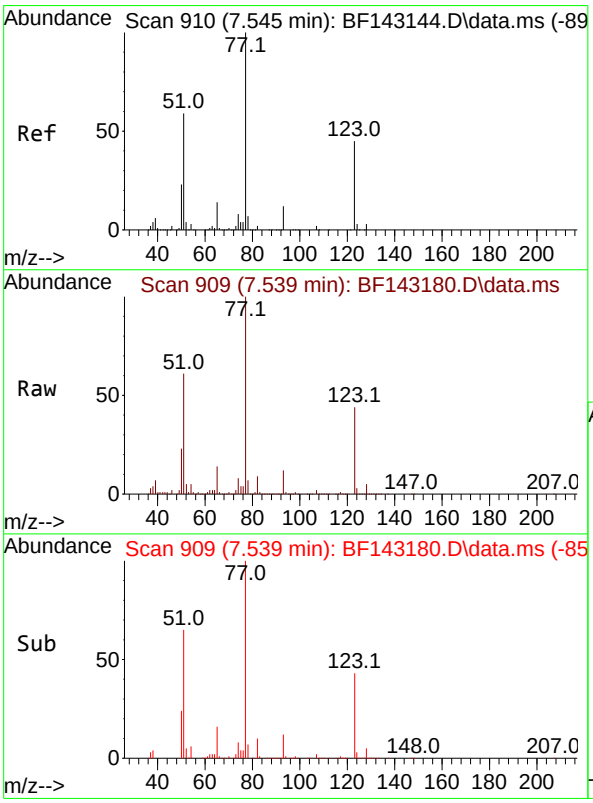
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

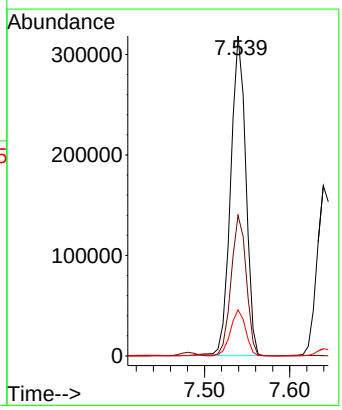


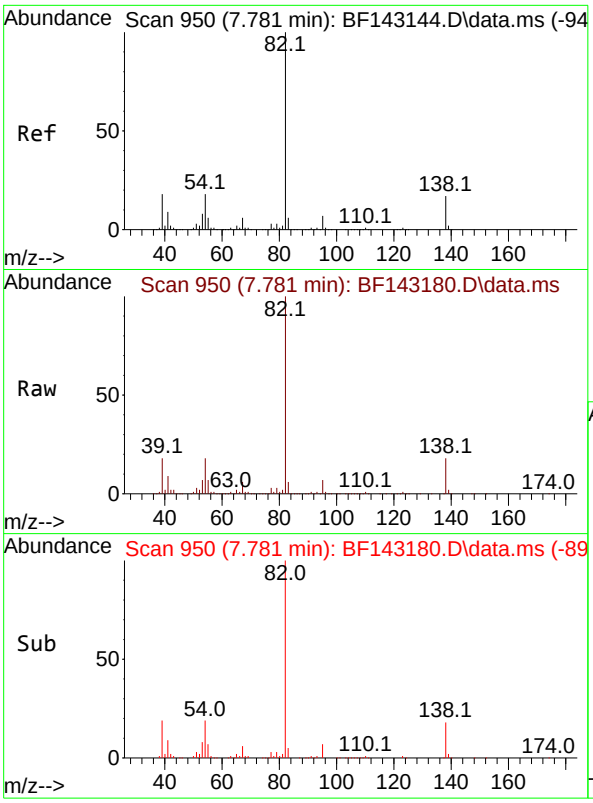




#24
Nitrobenzene
Concen: 43.571 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 393741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.0 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |

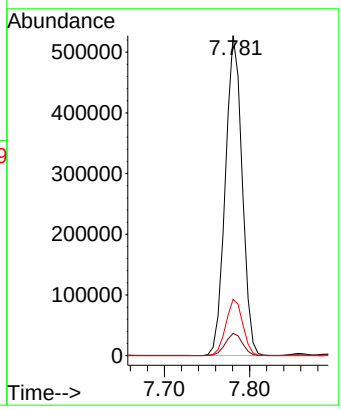





#25
Isophorone
Concen: 42.240 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 82 Resp: 72276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |

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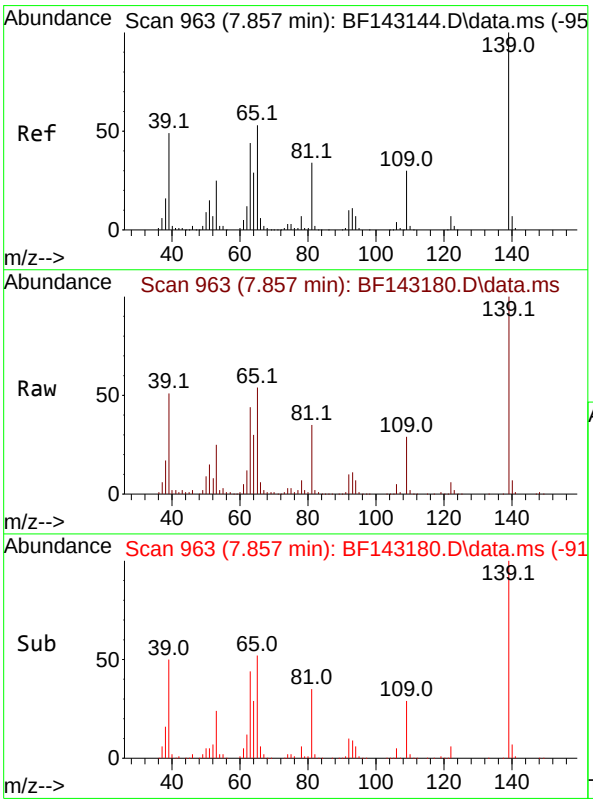
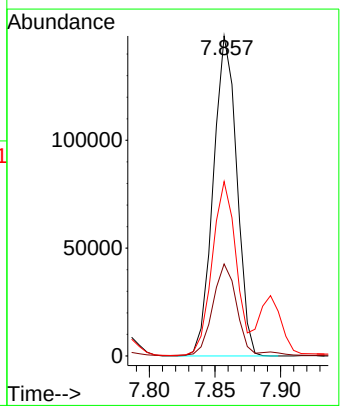
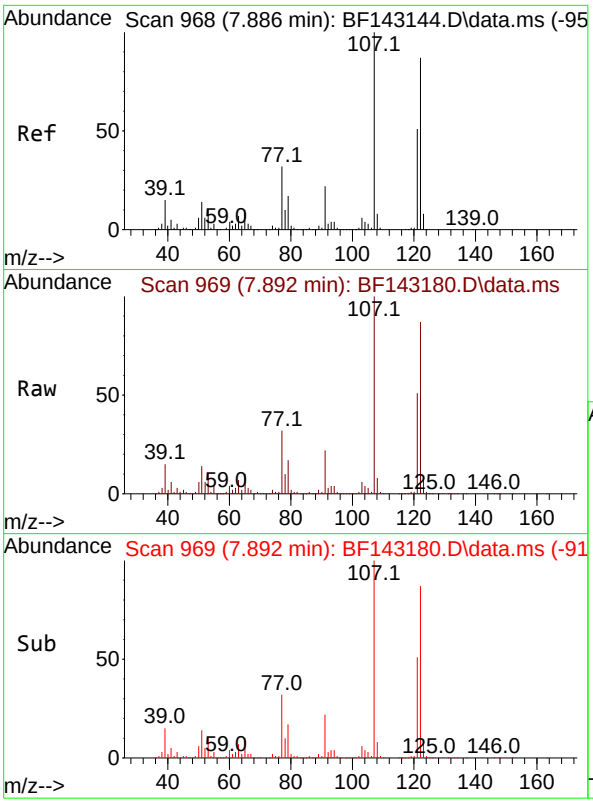



#26
2-Nitrophenol
Concen: 47.015 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 184391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.7 | 23.6 | 35.4 |
| 65 | 54.5 | 42.6 | 64.0 |

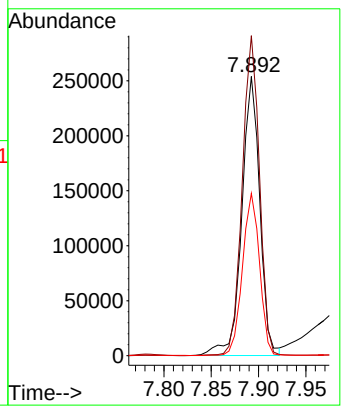





#27
2,4-Dimethylphenol
Concen: 42.048 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 33615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.6 | 91.8 | 137.6 |
| 121 | 58.1 | 46.3 | 69.5 |

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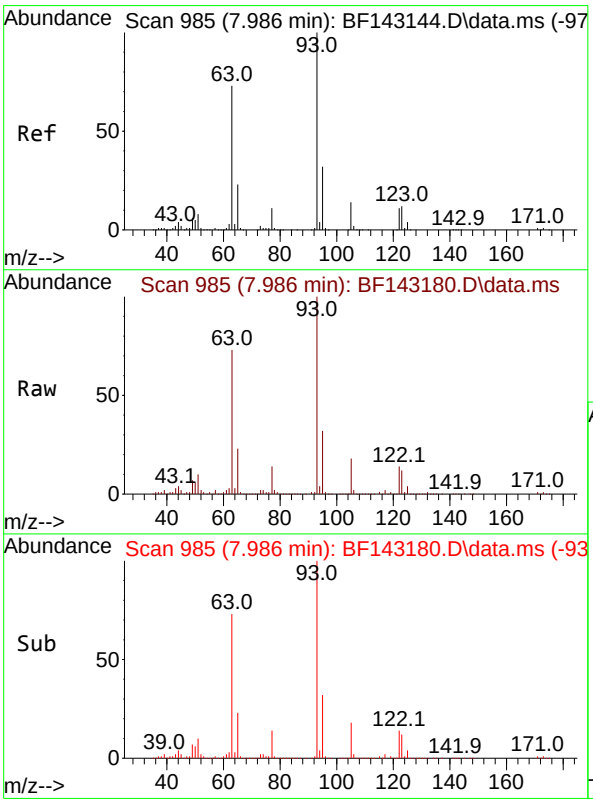
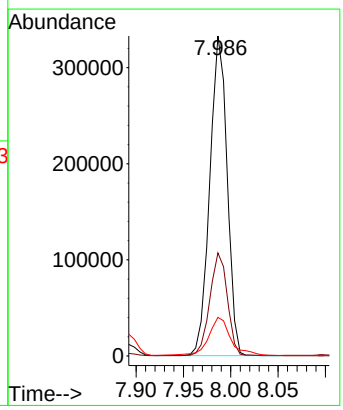
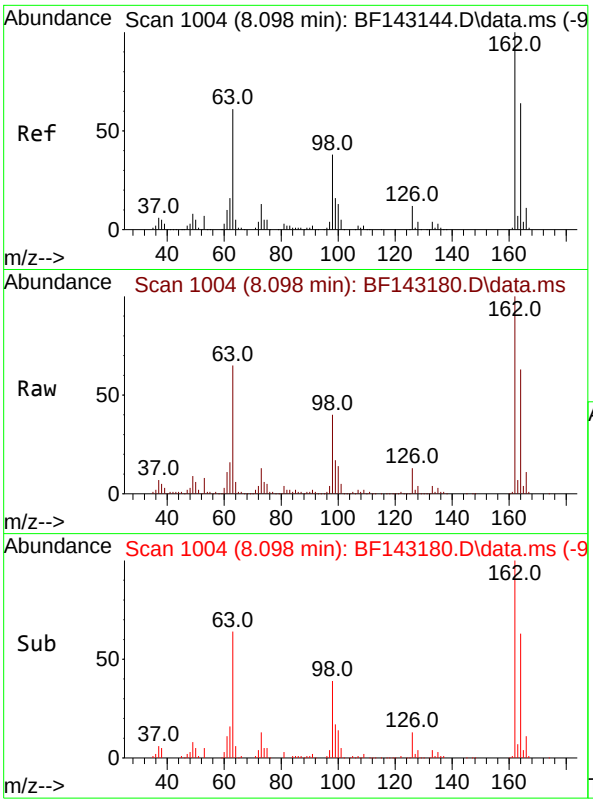



#28
bis(2-Chloroethoxy)methane
Concen: 41.383 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 424559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 12.0 | 9.7 | 14.5 |

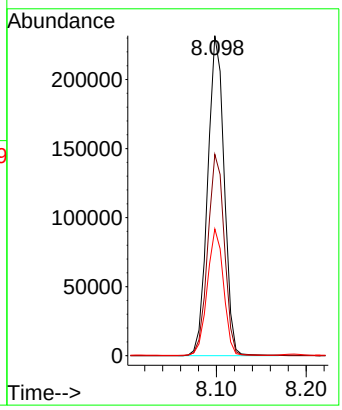





#29
2,4-Dichlorophenol
Concen: 43.850 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:162 Resp: 29563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 44.2 | 84.2 |
| 98 | 39.6 | 17.9 | 57.9 |




**Instrument :**
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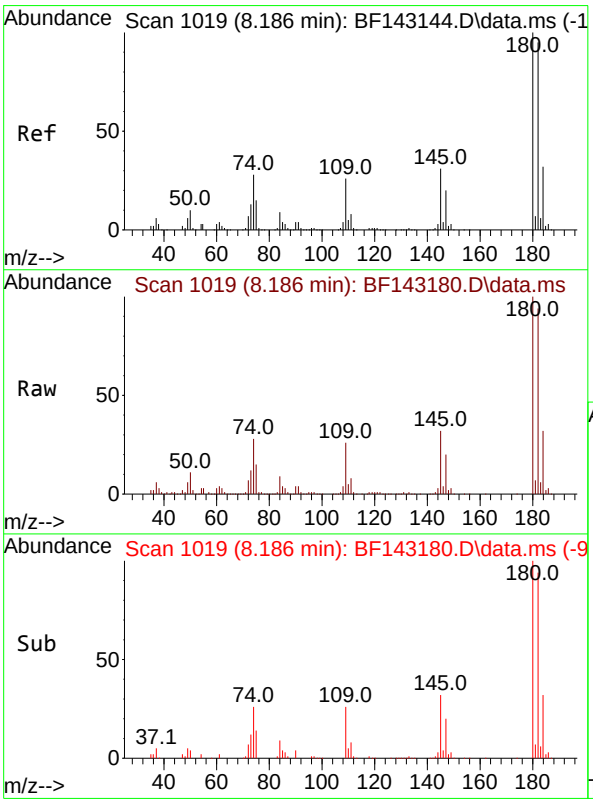
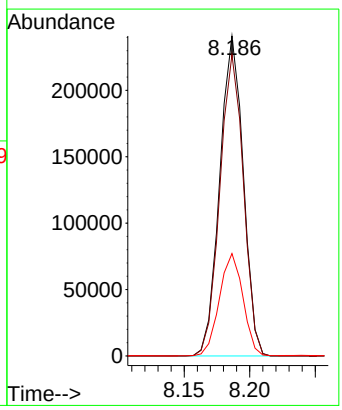
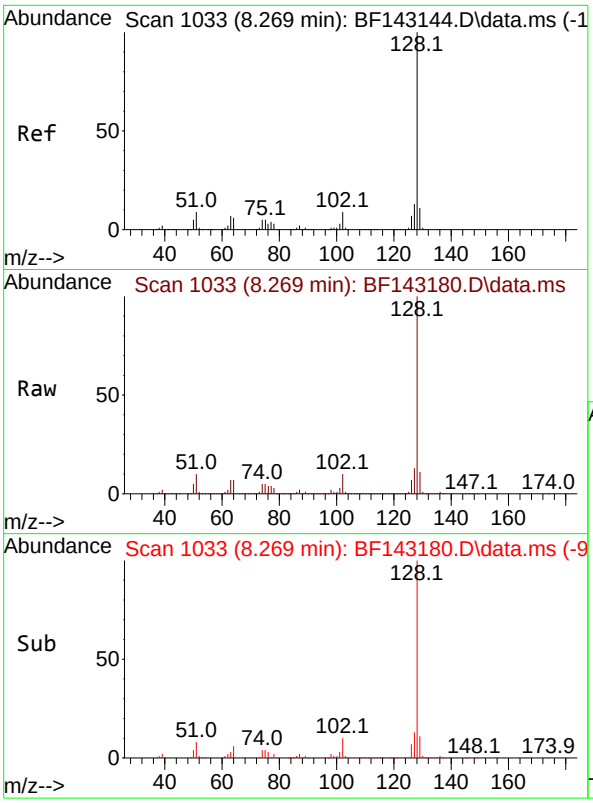



#30
1,2,4-Trichlorobenzene
Concen: 41.233 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:180 Resp: 300326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 32.0 | 25.0 | 37.6 |

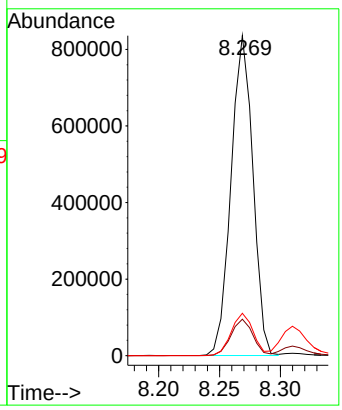





#31
Naphthalene
Concen: 43.865 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 104376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

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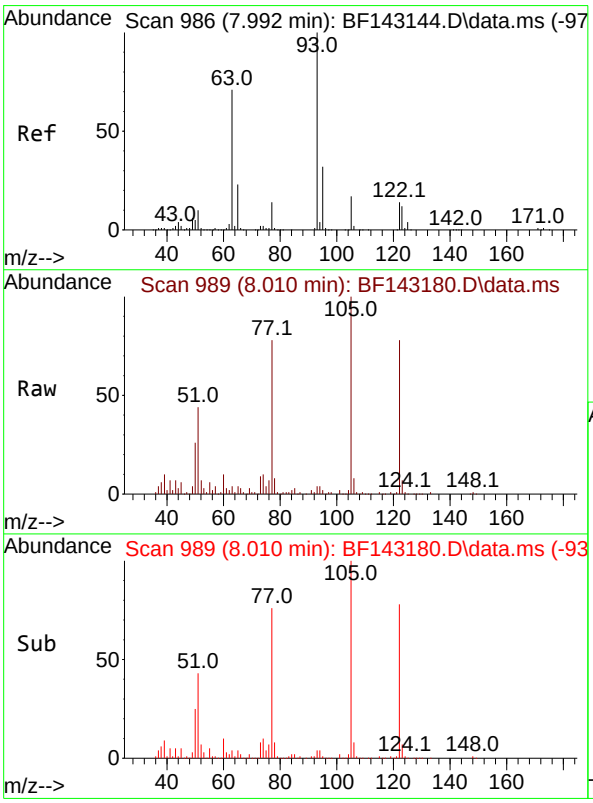
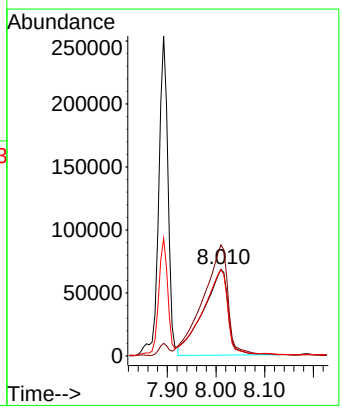
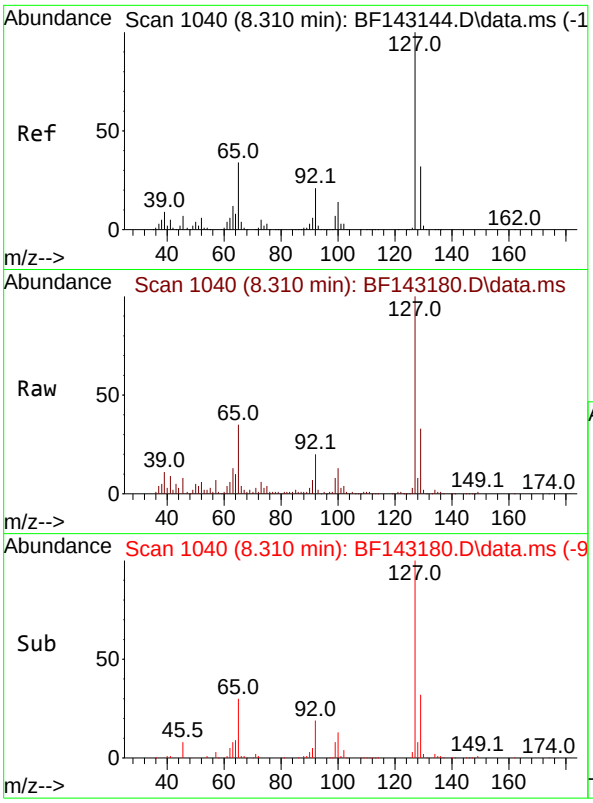



#32
Benzoic acid
Concen: 53.176 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 242290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.2 | 104.8 | 144.8 |
| 77 | 99.9 | 77.6 | 117.6 |

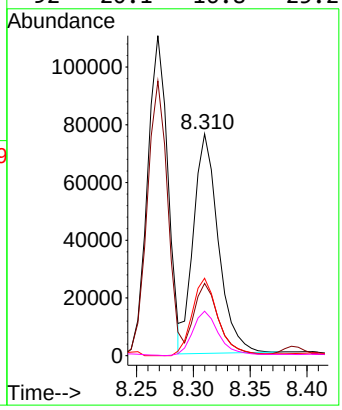





#33
4-Chloroaniline
Concen: 11.929 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:127 Resp: 11590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 20.1 | 16.8 | 25.2 |

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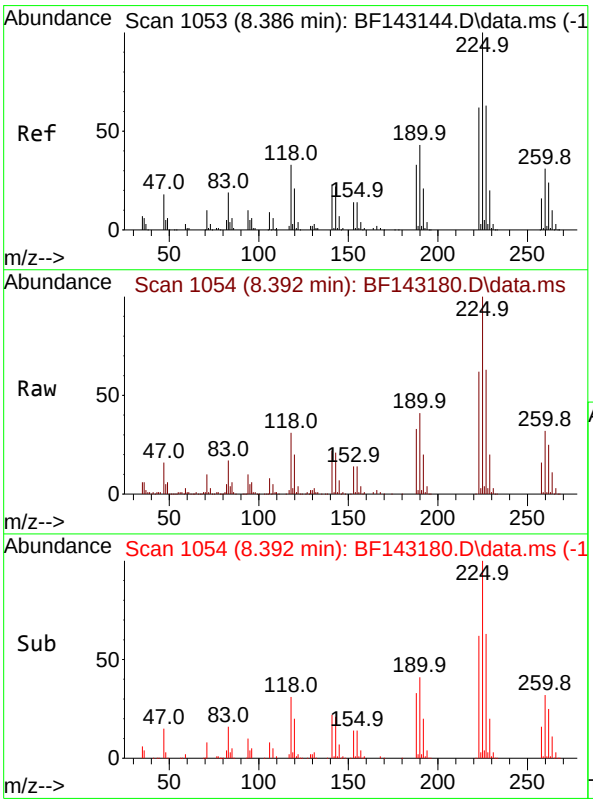
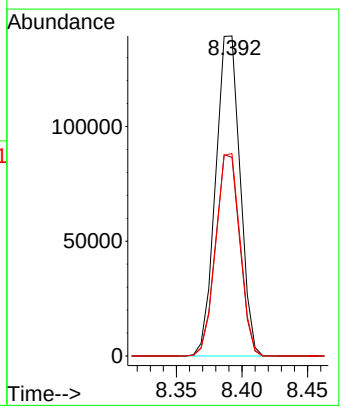
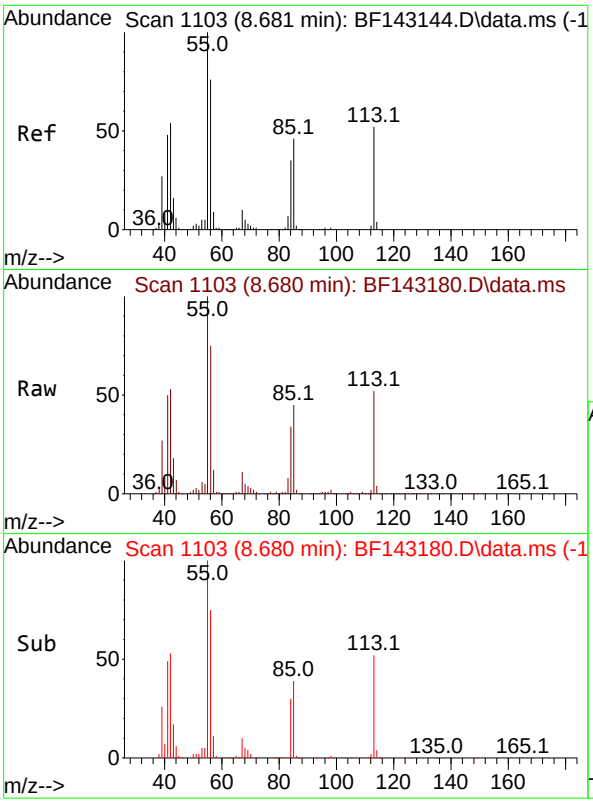



#34
Hexachlorobutadiene
Concen: 40.506 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:225 Resp: 180230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 49.8 | 74.6 |
| 227 | 63.3 | 50.2 | 75.4 |

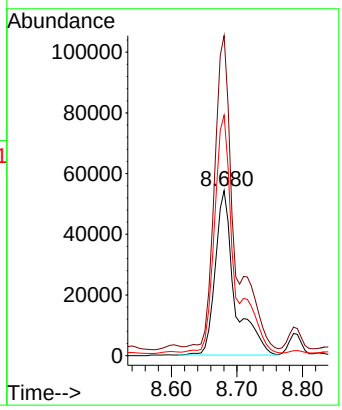





#35
Caprolactam
Concen: 54.796 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:113 Resp: 11163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.9 | 174.0 | 214.0 |
| 56 | 145.7 | 126.6 | 166.6 |

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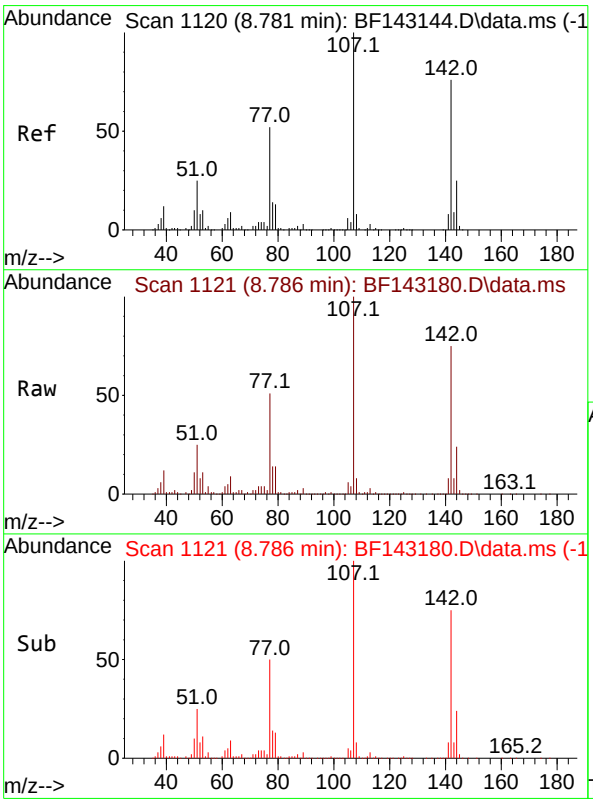
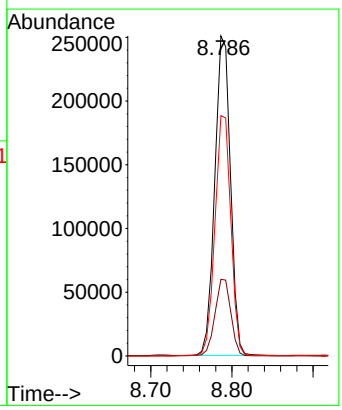
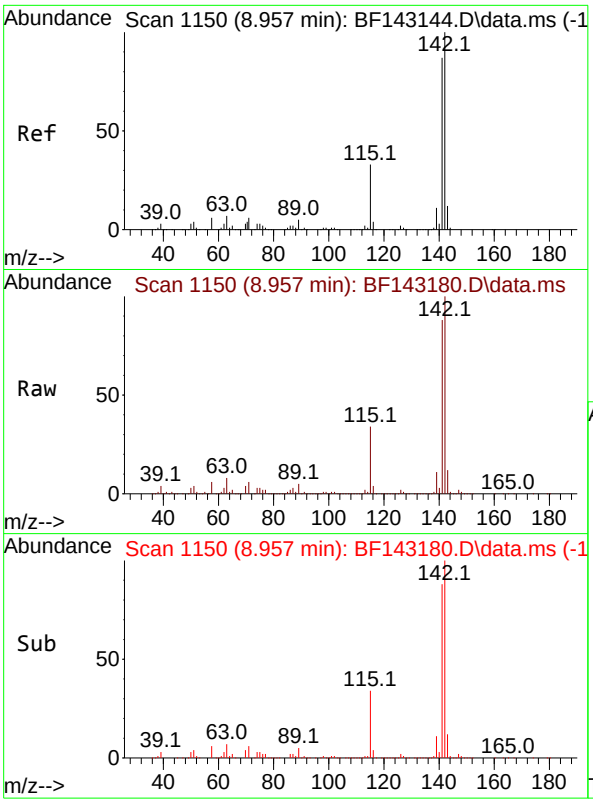



#36
4-Chloro-3-methylphenol
Concen: 46.079 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 337664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 19.8 | 29.6 |
| 142 | 75.1 | 60.6 | 90.8 |

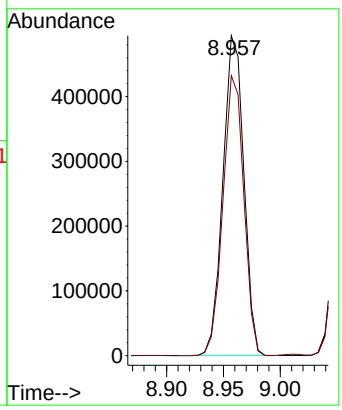





#37
2-Methylnaphthalene
Concen: 43.689 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 63260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 69.9 | 104.9 |

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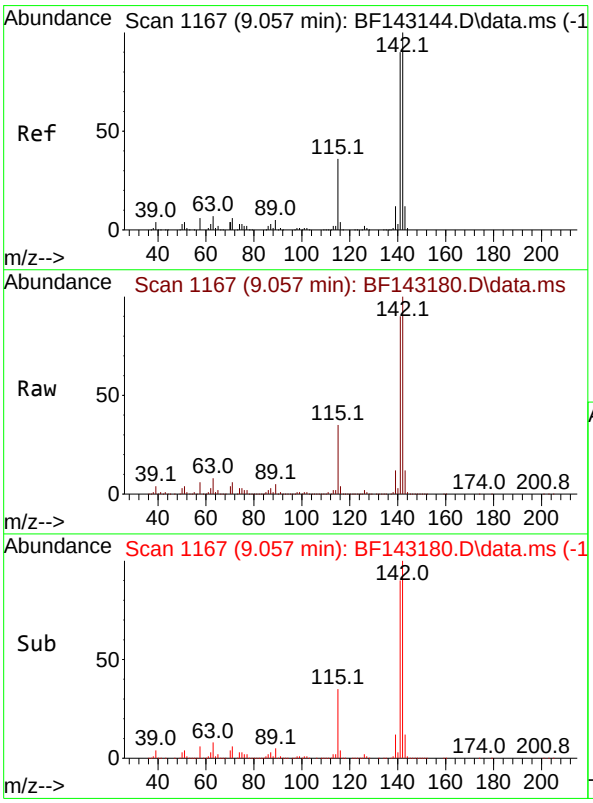
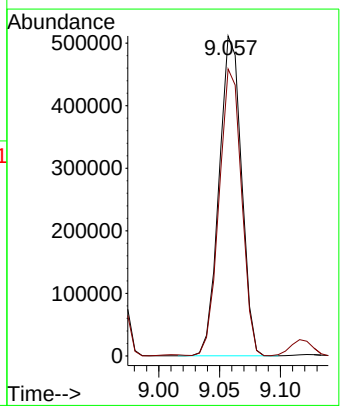
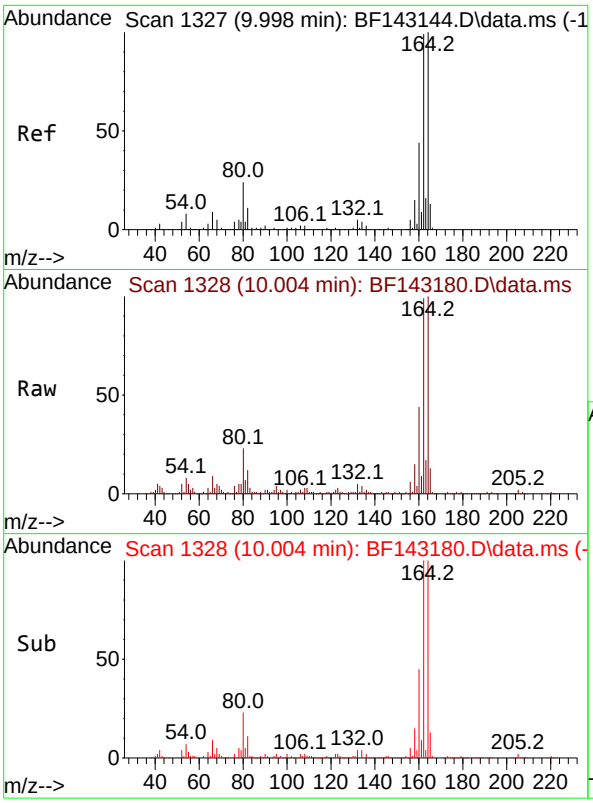



#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 654760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 72.3 | 108.5 |

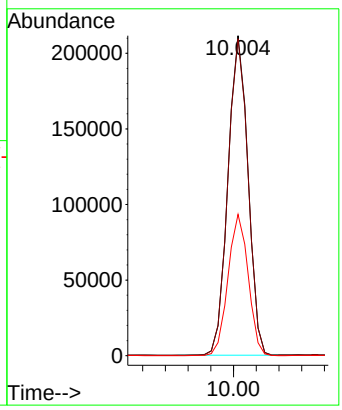





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:164 Resp: 25889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 79.0 | 118.6 |
| 160 | 44.2 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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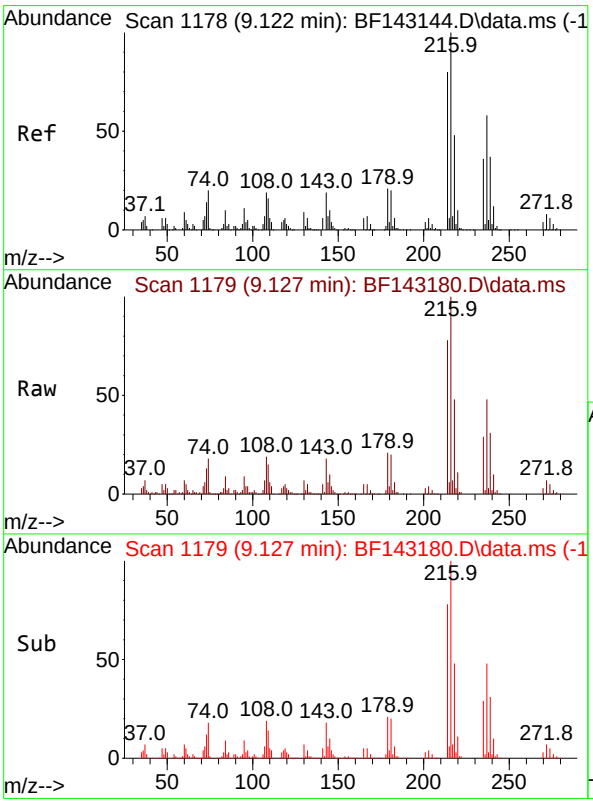
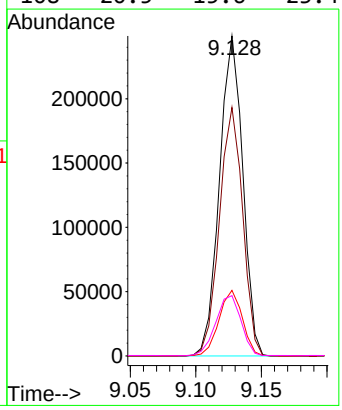
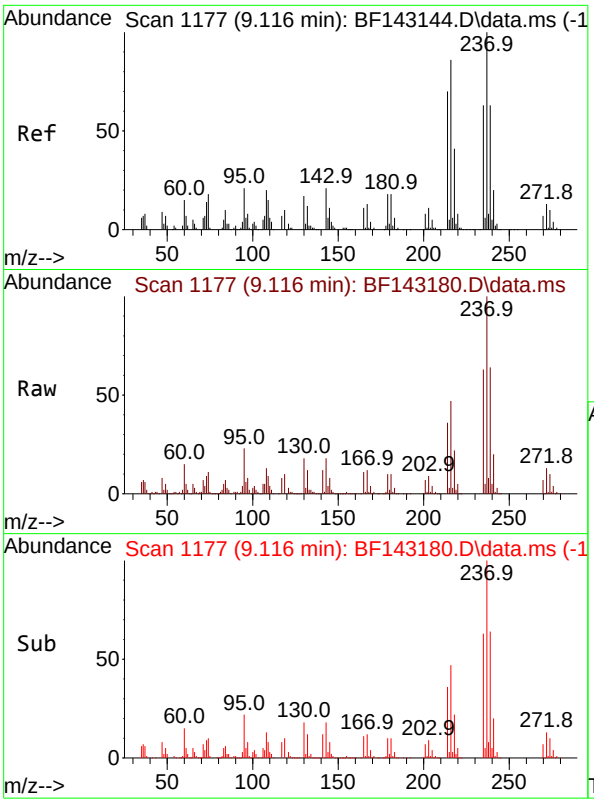



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.101 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:216 Resp: 307216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.5 | 63.8 | 95.8 |
| 179 | 20.6 | 16.4 | 24.6 |
| 108 | 20.5 | 15.6 | 23.4 |






#41
Hexachlorocyclopentadiene
Concen: 55.342 ng
RT: 9.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:237 Resp: 26915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.1 | 0.0 | 33.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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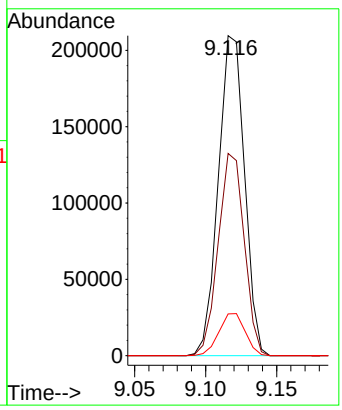
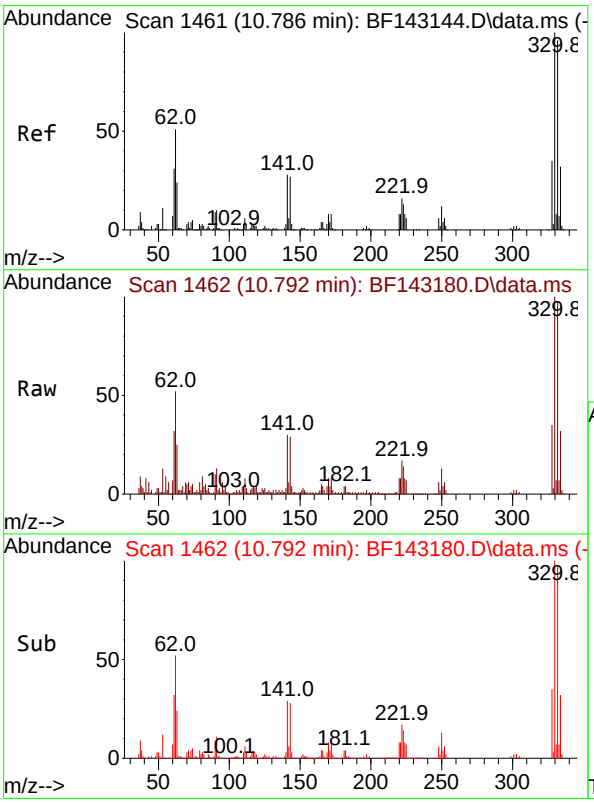
Supervised By :Jagrut Upadhyay 07/23/2025

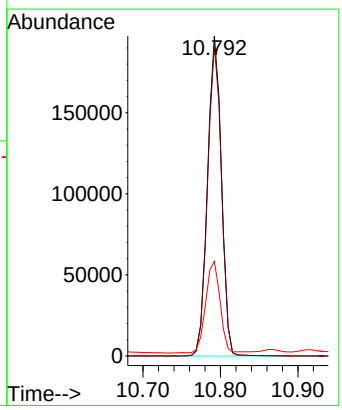


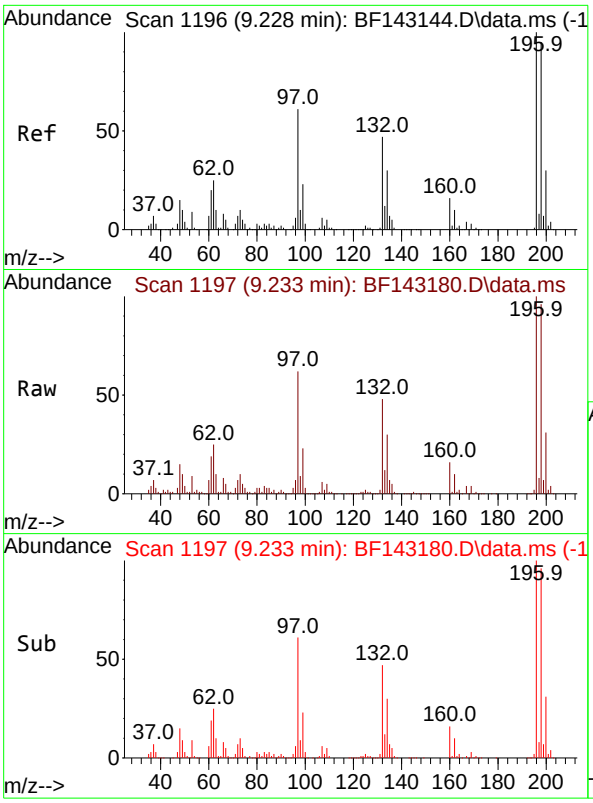




#42
2,4,6-Tribromophenol
Concen: 91.952 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:330 Resp: 245931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 76.7 | 115.1 |
| 141 | 29.7 | 23.3 | 34.9 |

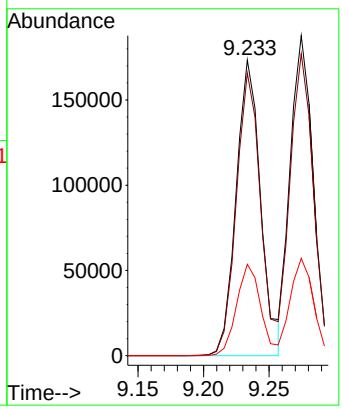





#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 22570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.2 | 114.2 |
| 200 | 30.9 | 23.9 | 35.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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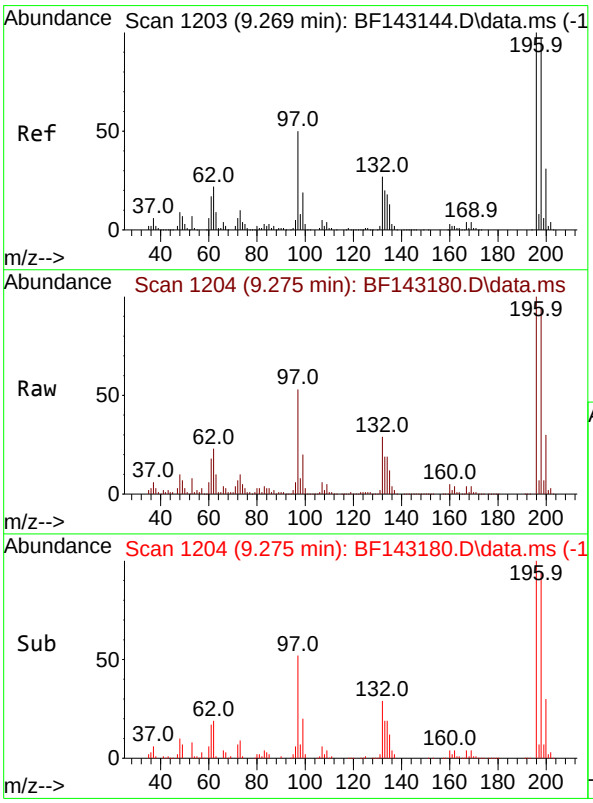
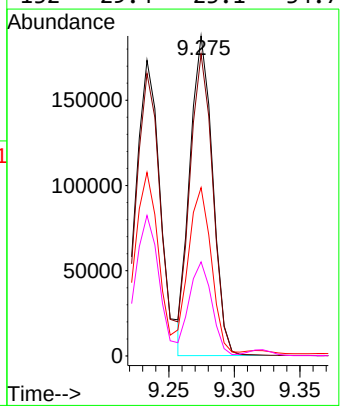
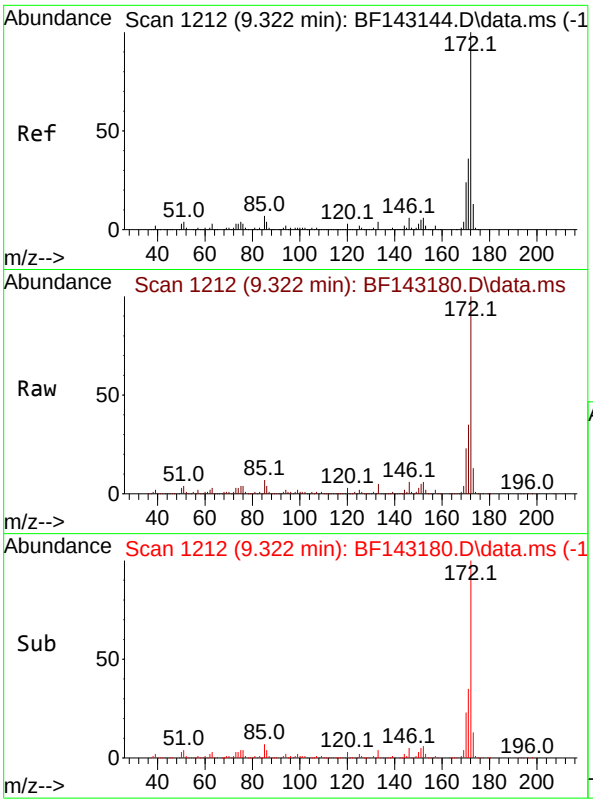



#44
2,4,5-Trichlorophenol
Concen: 43.678 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 226021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.3 | 77.3 | 115.9 |
| 97 | 52.6 | 40.3 | 60.5 |
| 132 | 29.4 | 23.1 | 34.7 |

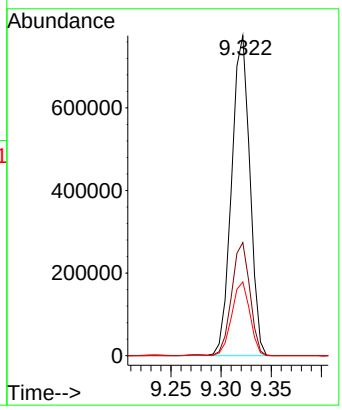





#45
2-Fluorobiphenyl
Concen: 51.991 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:172 Resp: 98422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.6 | 42.8 |
| 170 | 23.0 | 18.8 | 28.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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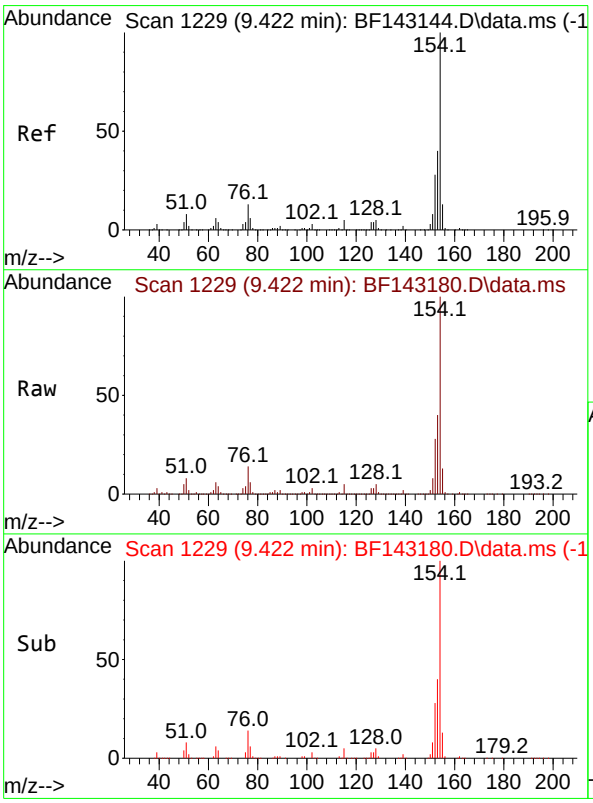
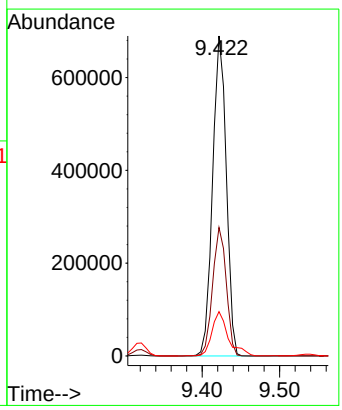
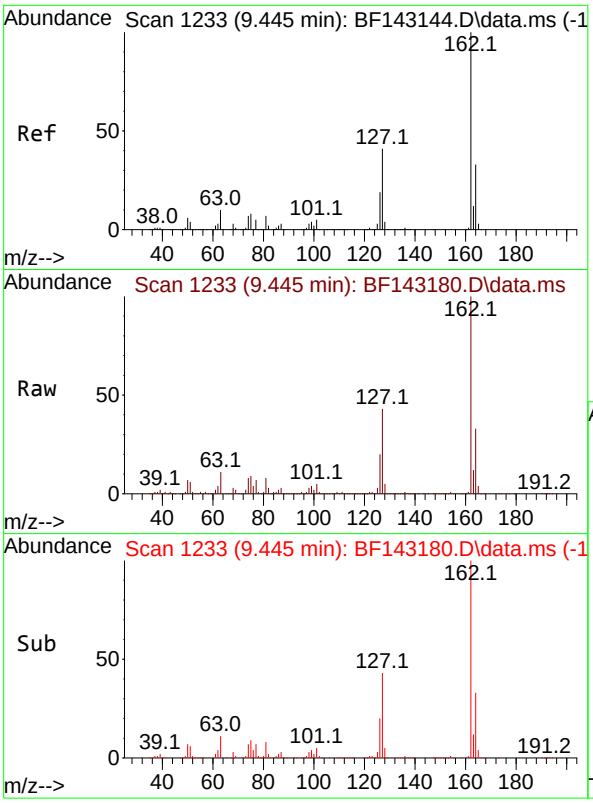



#46
1,1'-Biphenyl
Concen: 41.871 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 845751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.9 | 0.0 | 33.3 |

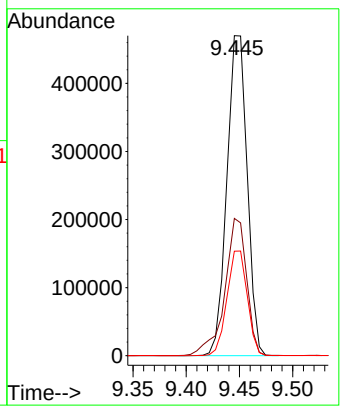





#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:162 Resp: 62252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.9 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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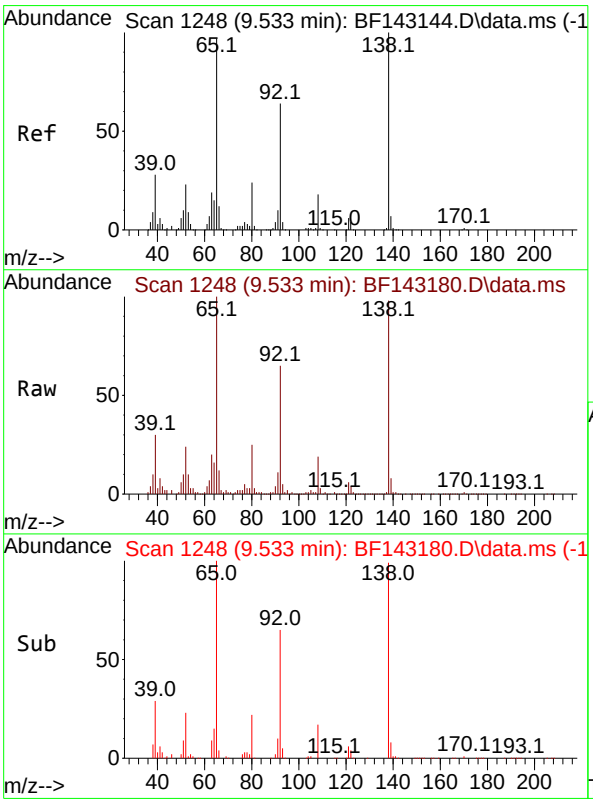
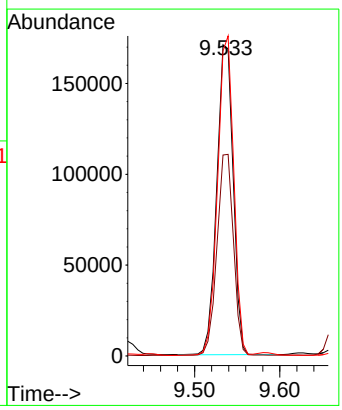
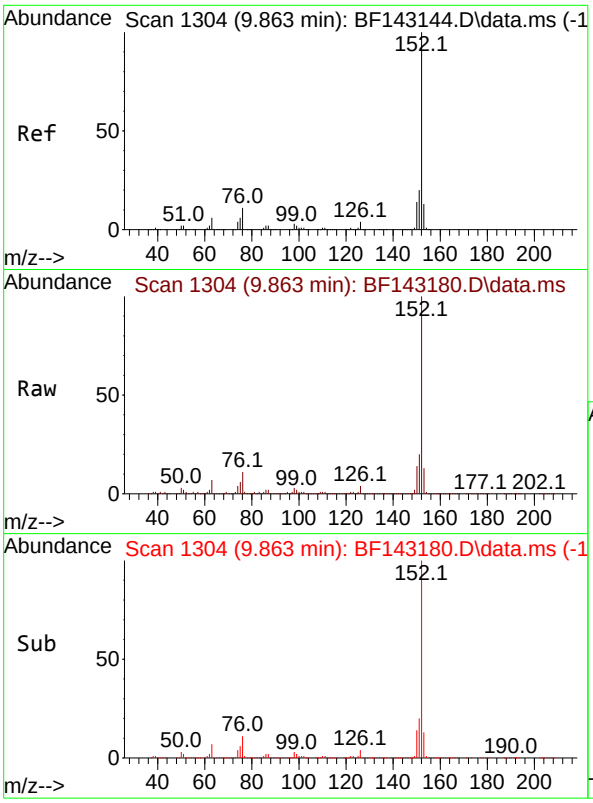



#48
2-Nitroaniline
Concen: 48.685 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 65 Resp: 228188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.6 | 52.4 | 78.6 |
| 138 | 98.0 | 82.3 | 123.5 |

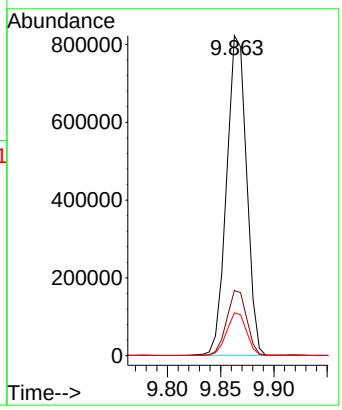





#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:152 Resp: 107438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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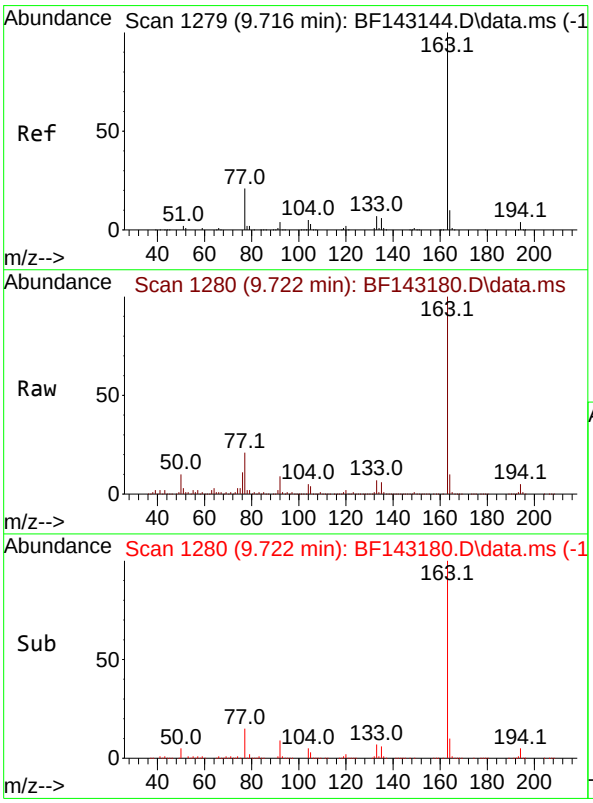
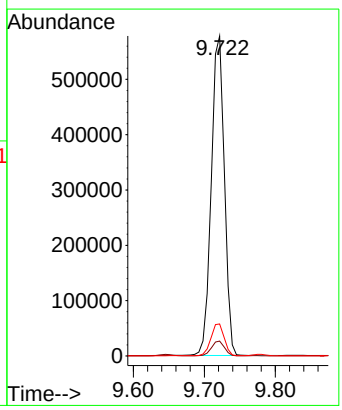
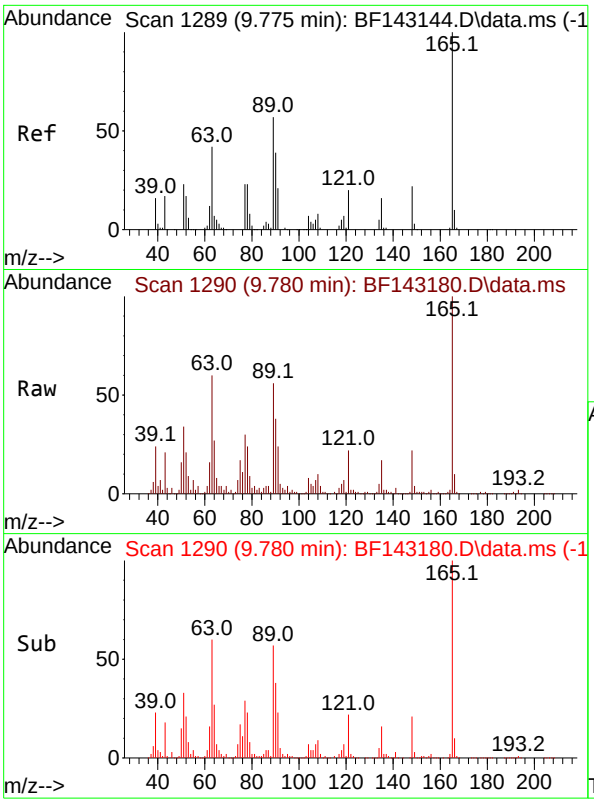



#50
Dimethylphthalate
Concen: 43.820 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:163 Resp: 739486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.4 | 5.2 |
| 164 | 10.0 | 8.3 | 12.5 |

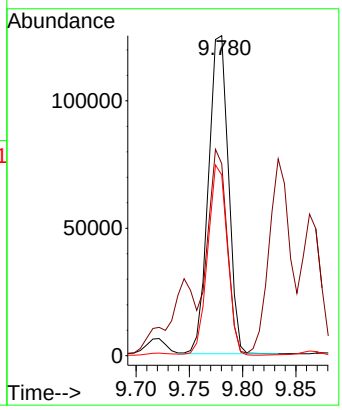





#51
2,6-Dinitrotoluene
Concen: 47.374 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:165 Resp: 16263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.0 | 49.4 | 74.2 |
| 89 | 56.5 | 46.2 | 69.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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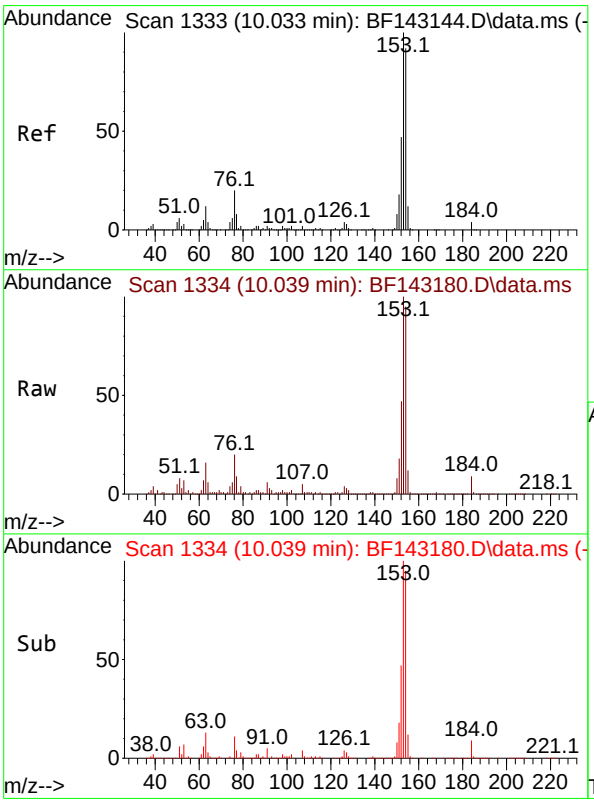
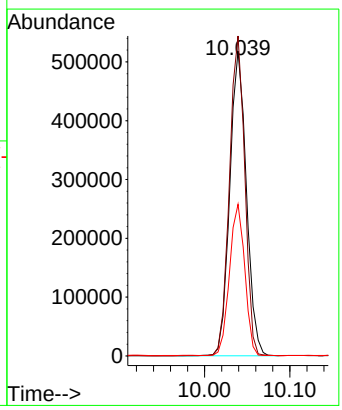
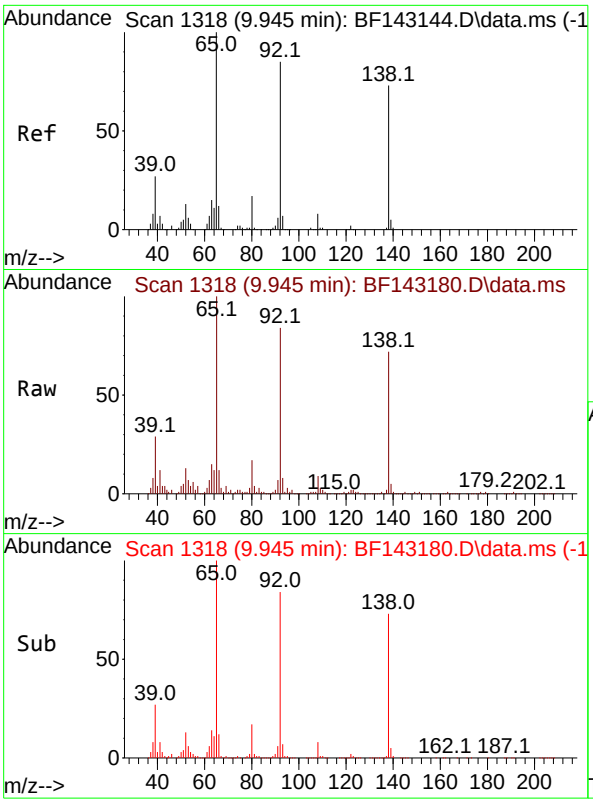



#52
Acenaphthene
Concen: 47.447 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 702409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.0 | 86.6 | 129.8 |
| 152 | 49.7 | 40.4 | 60.6 |






#53
3-Nitroaniline
Concen: 37.411 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:138 Resp: 15022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.8 | 9.0 | 13.6 |
| 92 | 116.1 | 93.0 | 139.4 |

**Instrument :**
BNA_F
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RT2286MS

**Manual Integrations**
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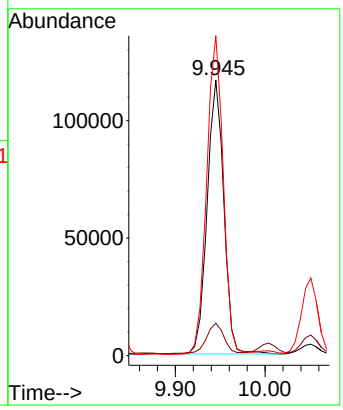
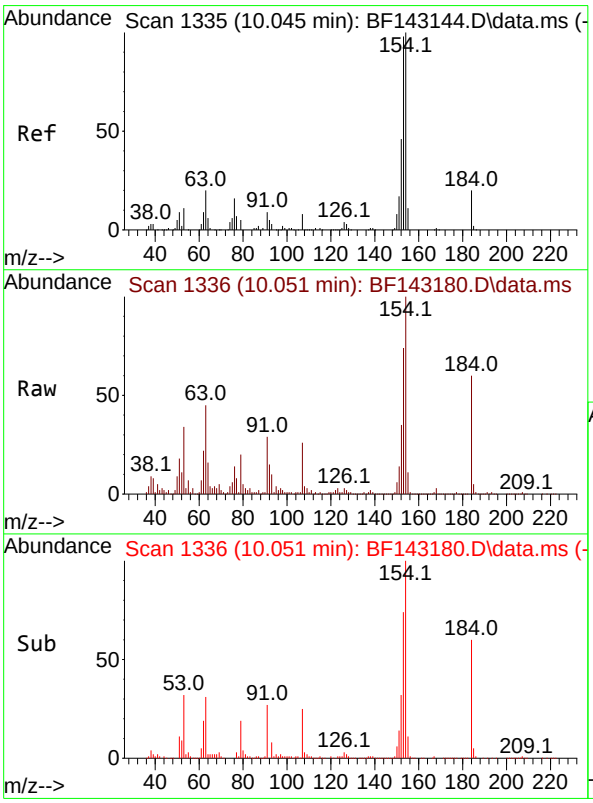
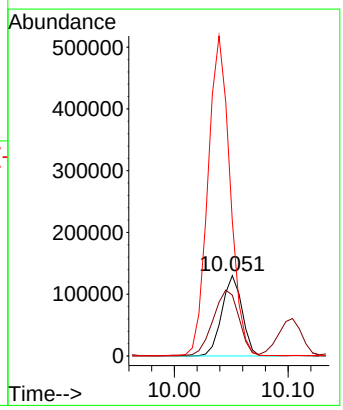


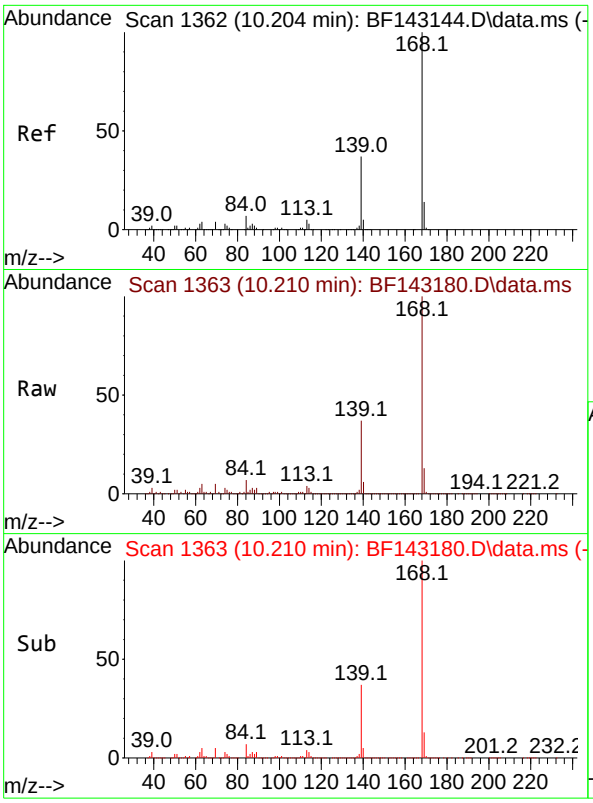




#54
2,4-Dinitrophenol
Concen: 101.891 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 161630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 75.6 | 81.8 | 122.6# |
| 154 | 167.8 | 412.2 | 618.4# |

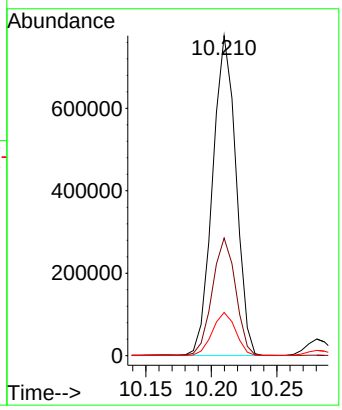





#55
Dibenzofuran
Concen: 43.628 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:168 Resp: 95890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.5 | 44.3 |
| 169 | 13.5 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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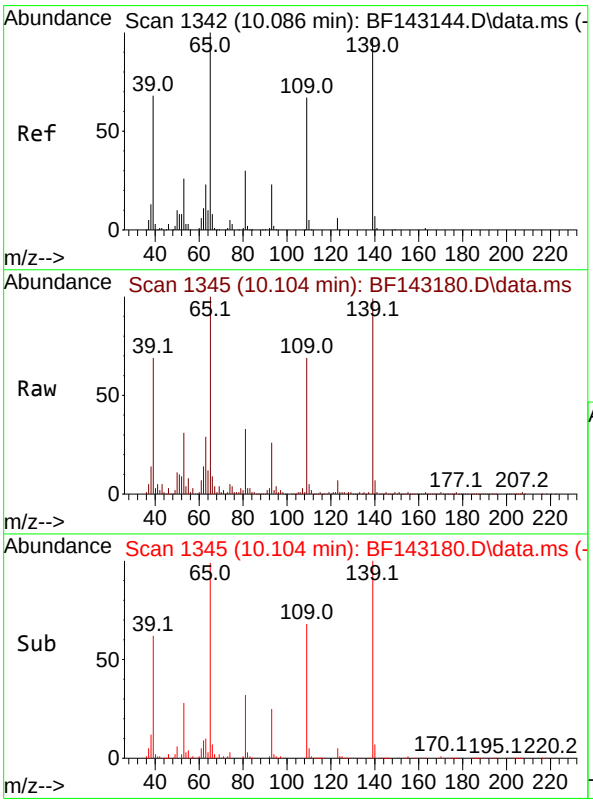
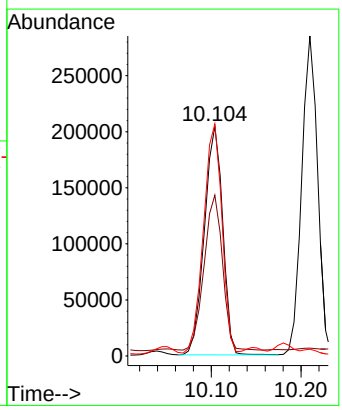
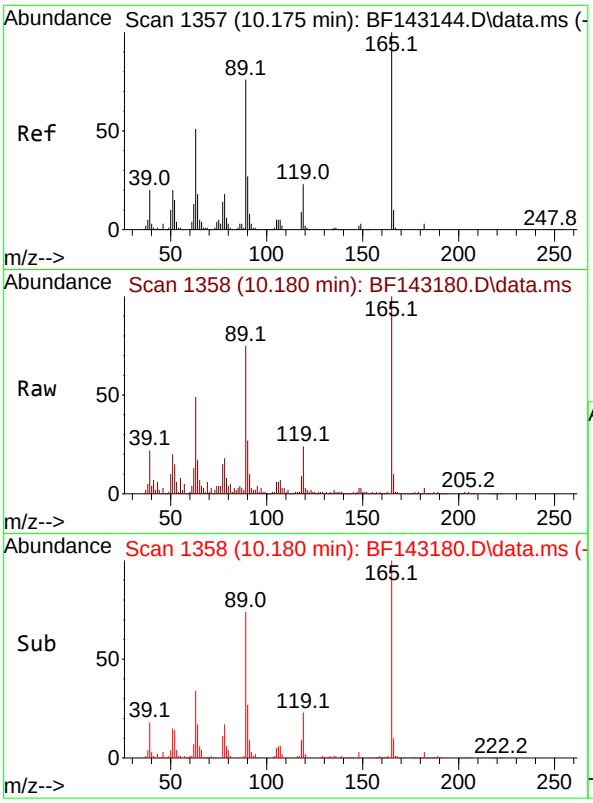



#56
4-Nitrophenol
Concen: 96.784 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 290208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.0 | 48.5 | 88.5 |
| 65 | 101.0 | 83.4 | 123.4 |

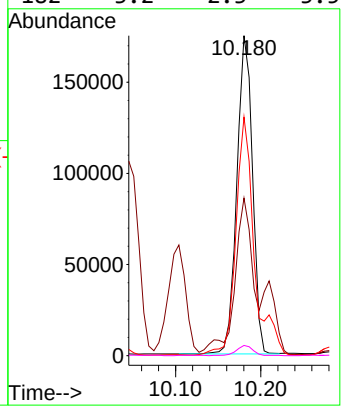





#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:165 Resp: 22263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.3 | 41.0 | 61.4 |
| 89 | 74.5 | 61.1 | 91.7 |
| 182 | 3.2 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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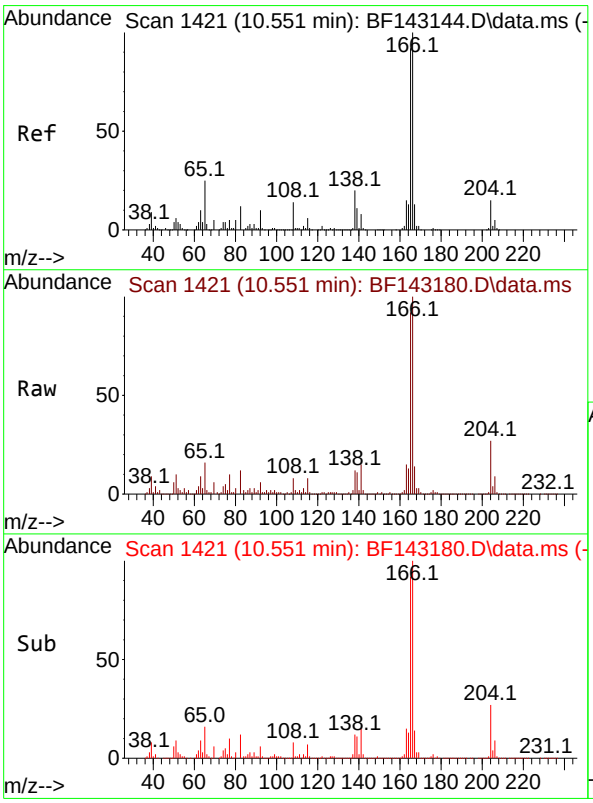
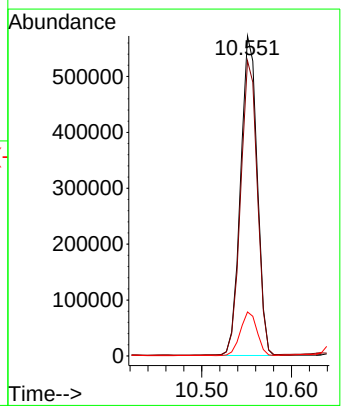
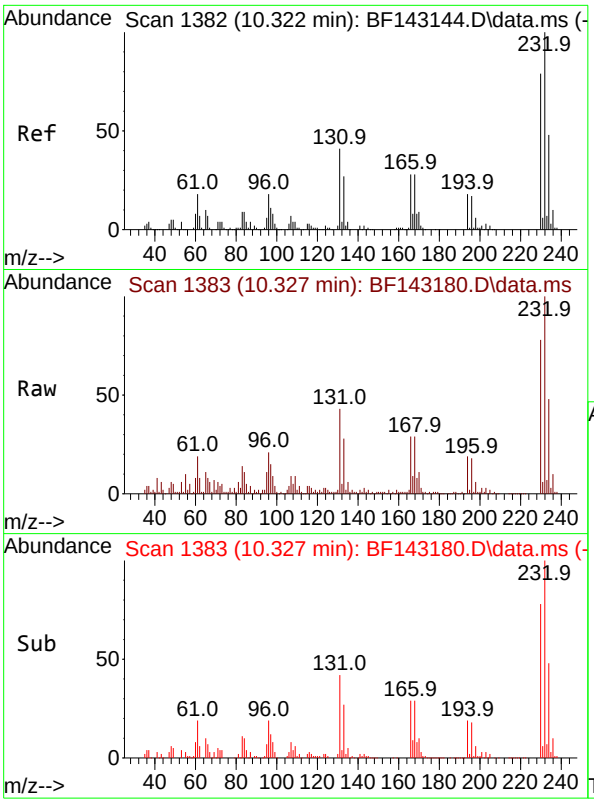



#58
Fluorene
Concen: 44.574 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:166 Resp: 735293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.3 | 73.7 | 110.5 |
| 167 | 13.7 | 10.6 | 16.0 |

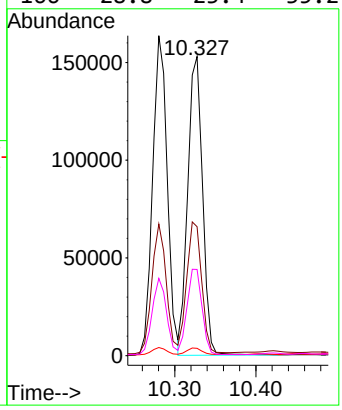





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:232 Resp: 19416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.7 | 35.3 | 52.9 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 28.8 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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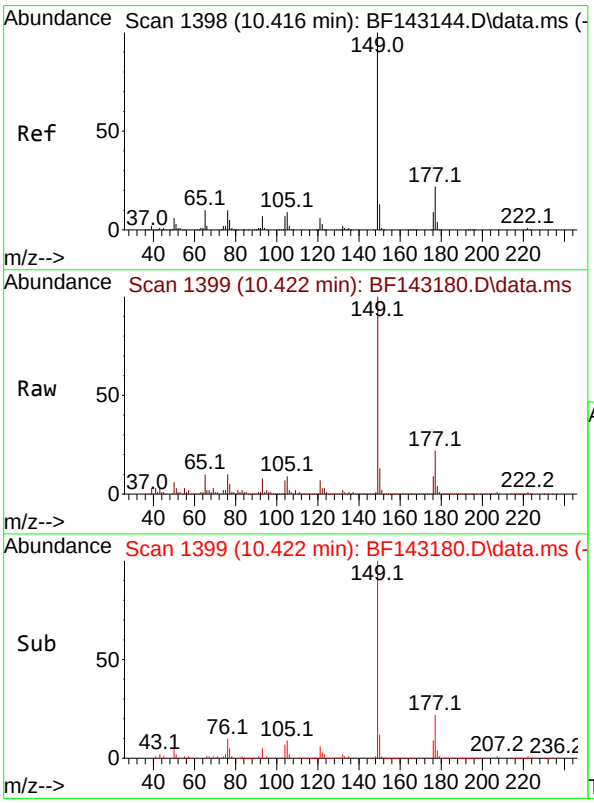
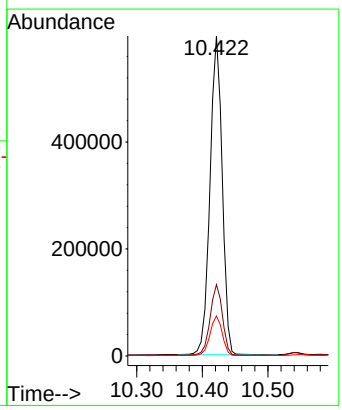
Supervised By :Jagrut Upadhyay 07/23/2025

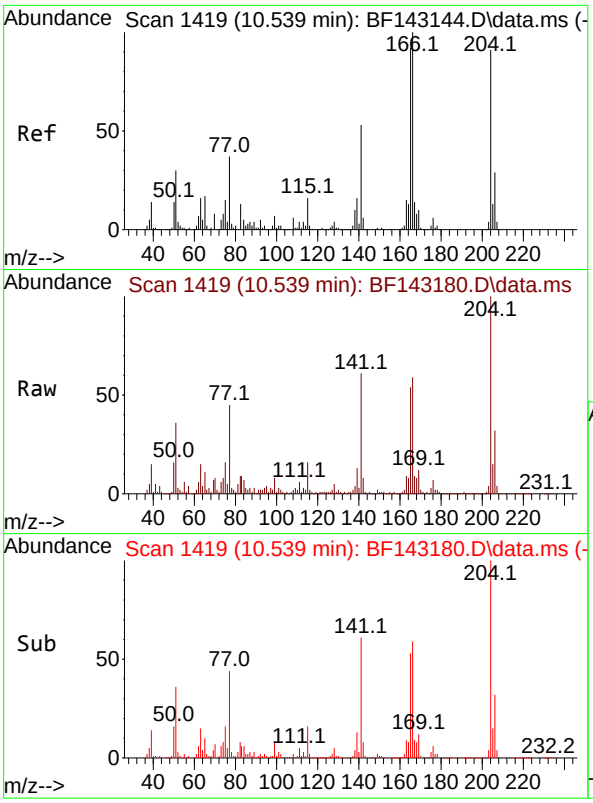



#60
Diethylphthalate
Concen: 46.169 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 770106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |

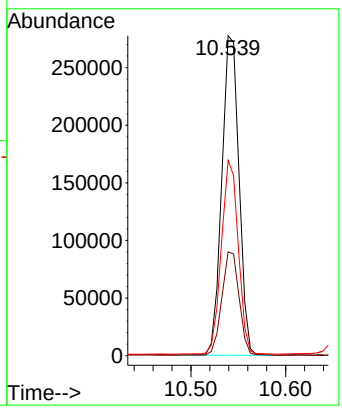





#61
4-Chlorophenyl-phenylether
Concen: 42.644 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:204 Resp: 35027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 25.8 | 38.8 |
| 141 | 61.0 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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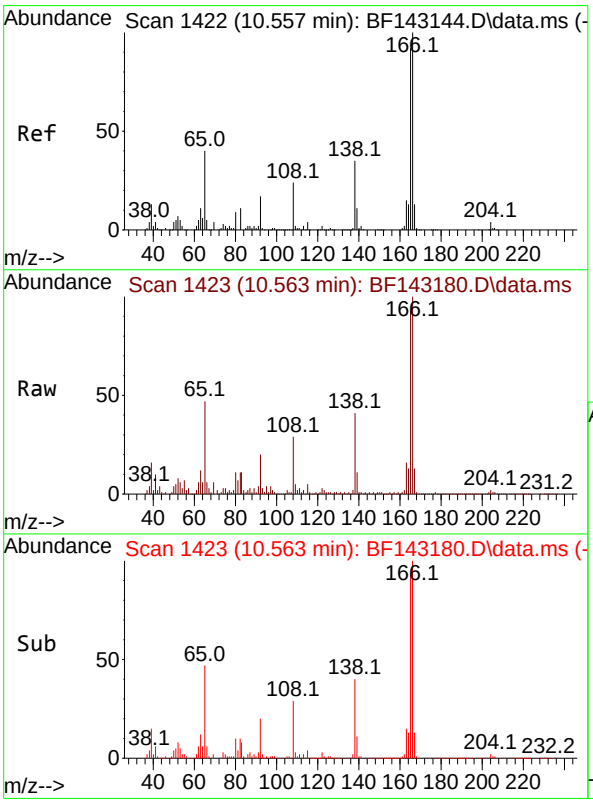
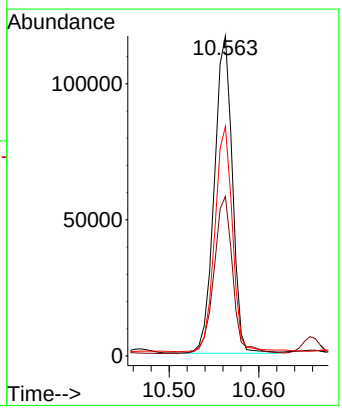
Supervised By :Jagrut Upadhyay 07/23/2025

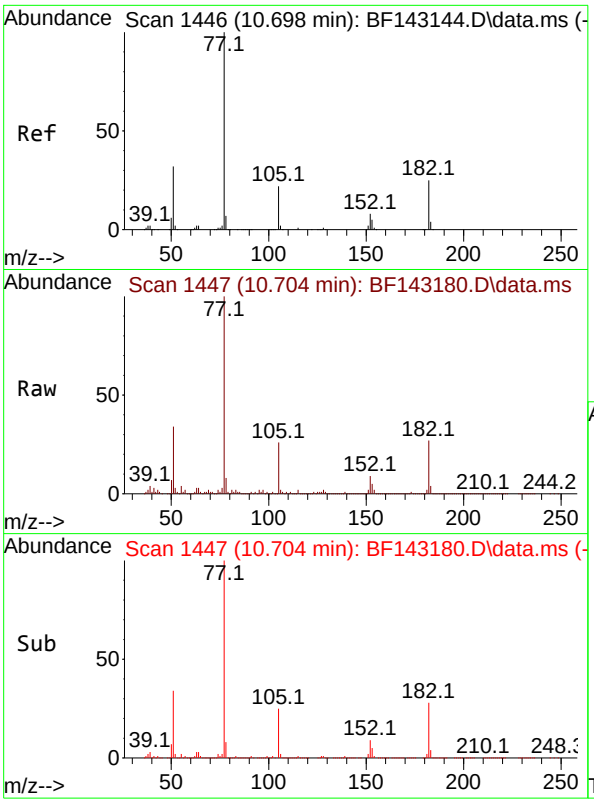



#62
4-Nitroaniline
Concen: 47.227 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:138 Resp: 162531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.9 | 29.3 | 69.3 |
| 108 | 71.8 | 48.3 | 88.3 |

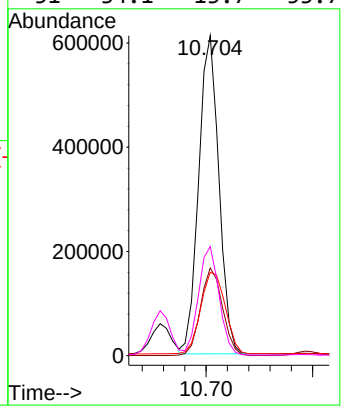





#63
Azobenzene
Concen: 46.418 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 80694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.4 | 4.6 | 44.6 |
| 105 | 26.0 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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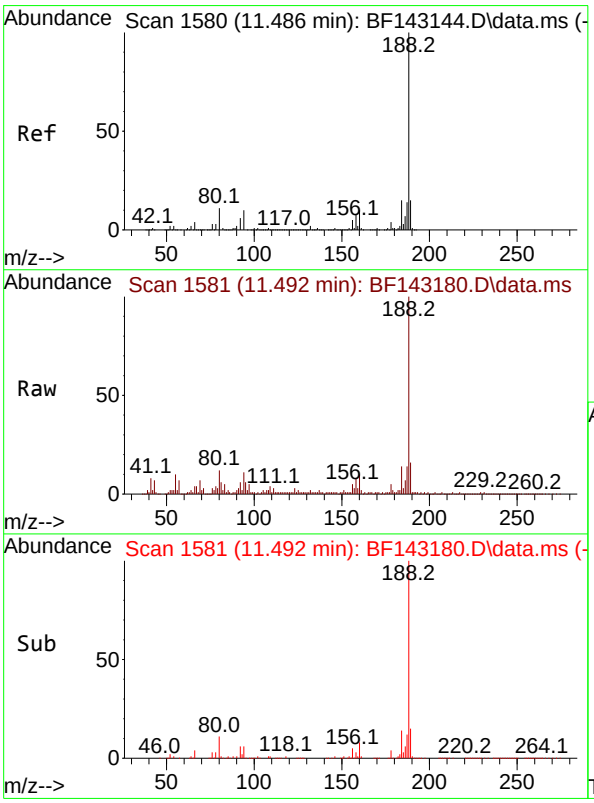
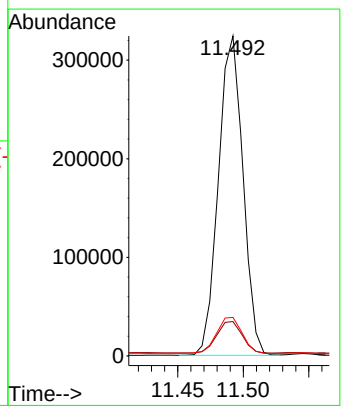
Supervised By :Jagrut Upadhyay 07/23/2025

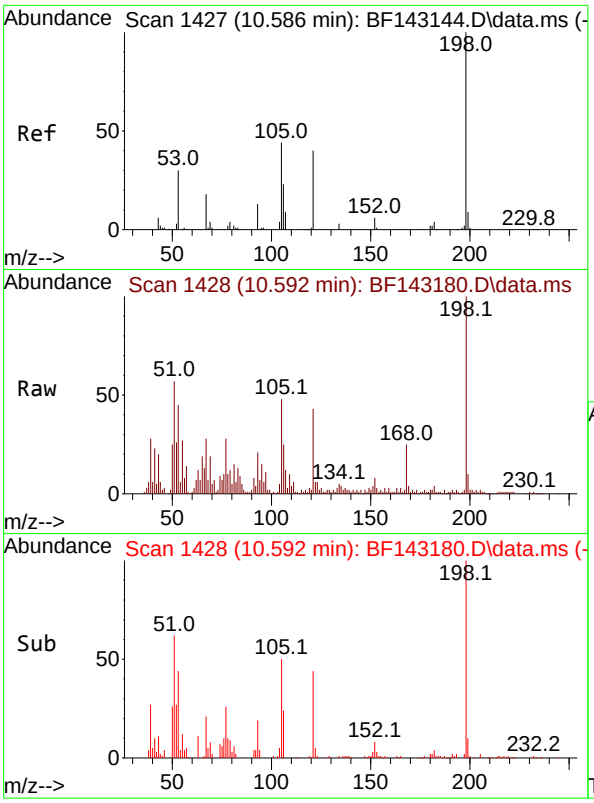



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:188 Resp: 420723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.3 | 12.5 |
| 80 | 12.1 | 9.0 | 13.6 |






#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:198 Resp: 10617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.2 | 37.2 | 77.2 |
| 105 | 48.1 | 24.8 | 64.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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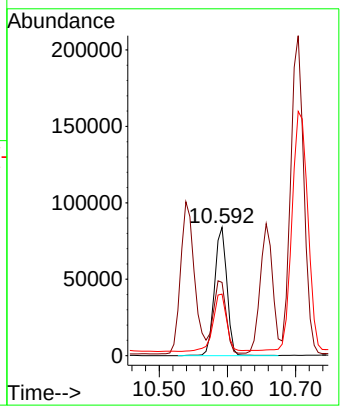
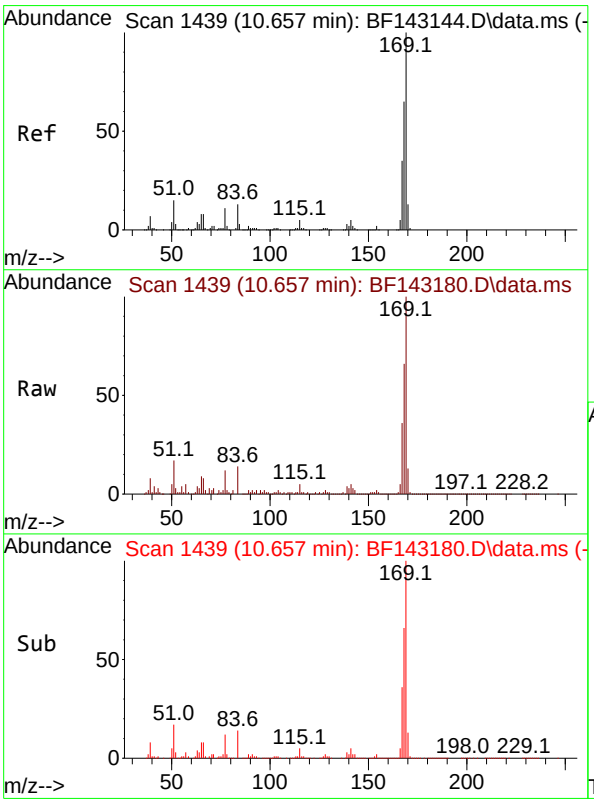
Supervised By :Jagrut Upadhyay 07/23/2025

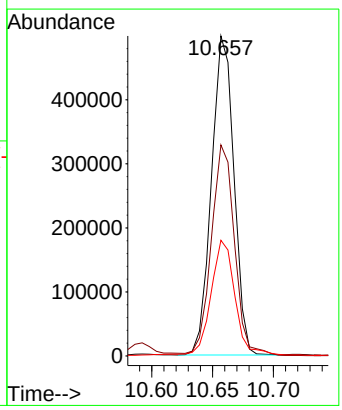


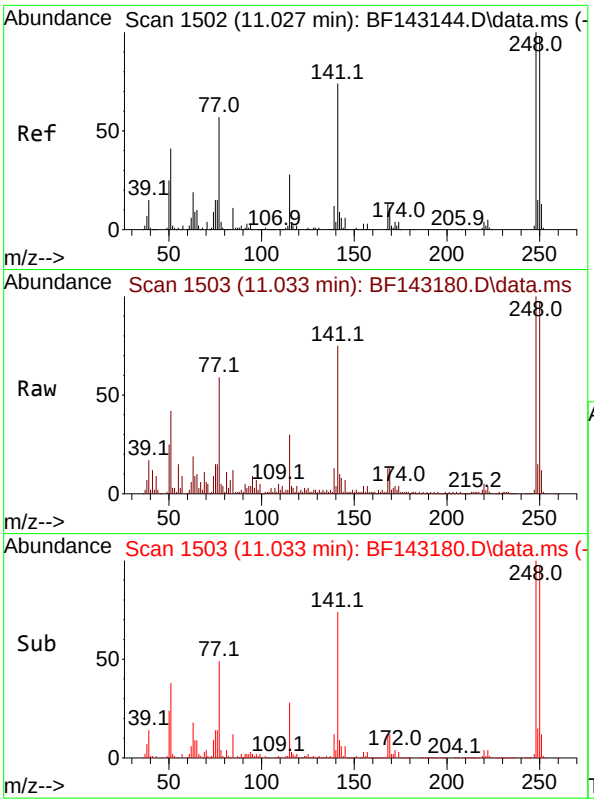




#66
n-Nitrosodiphenylamine
Concen: 43.218 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:169 Resp: 640269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 52.1 | 78.1 |
| 167 | 36.2 | 28.2 | 42.2 |

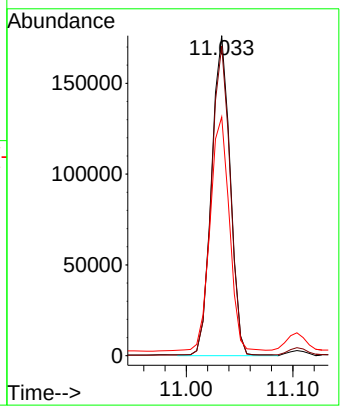





#67
4-Bromophenyl-phenylether
Concen: 42.890 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:248 Resp: 21504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 78.3 | 117.5 |
| 141 | 74.6 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

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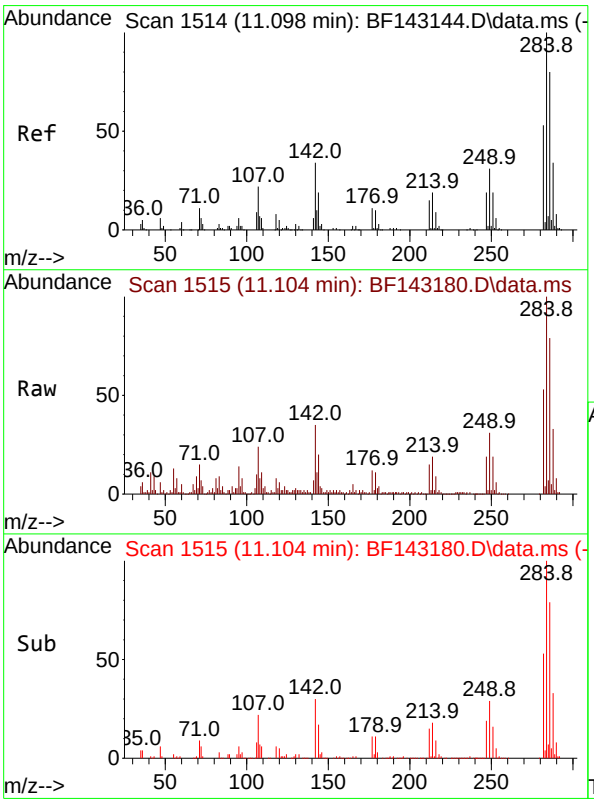
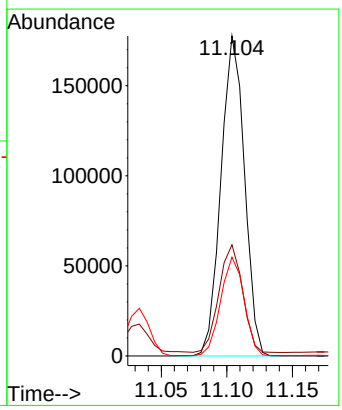
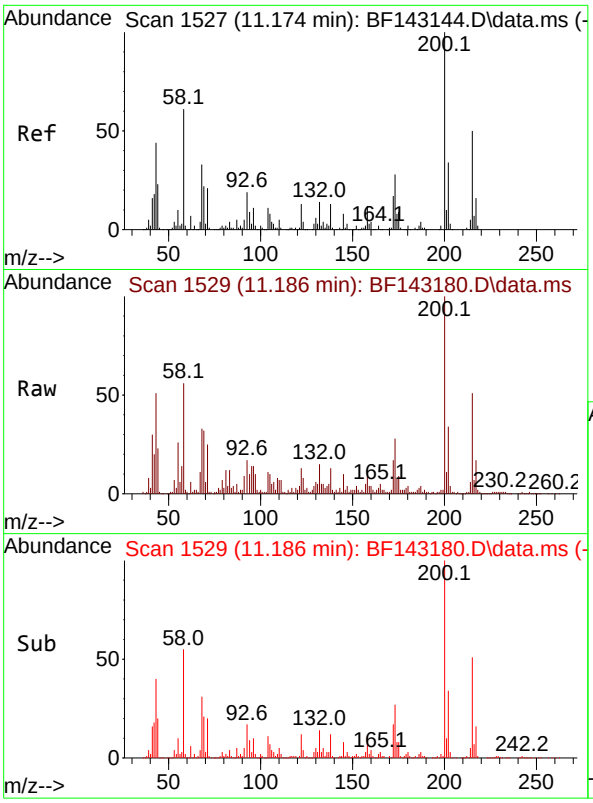



#68
Hexachlorobenzene
Concen: 42.221 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:284 Resp: 221260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.7 | 27.0 | 40.6 |
| 249 | 30.9 | 25.0 | 37.6 |

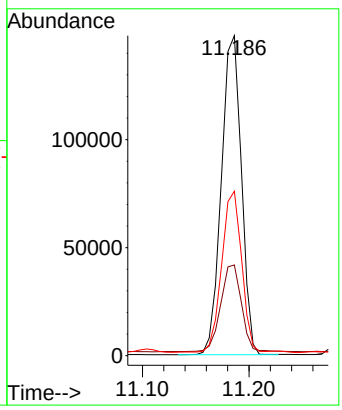





#69
Atrazine
Concen: 47.184 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:200 Resp: 19271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.4 | 7.9 | 47.9 |
| 215 | 51.4 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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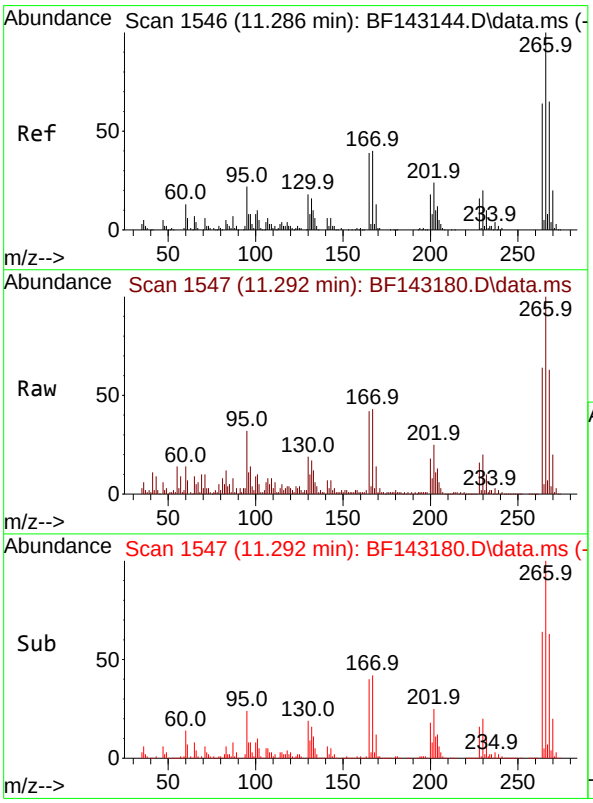
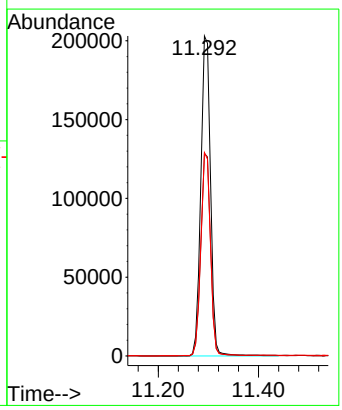
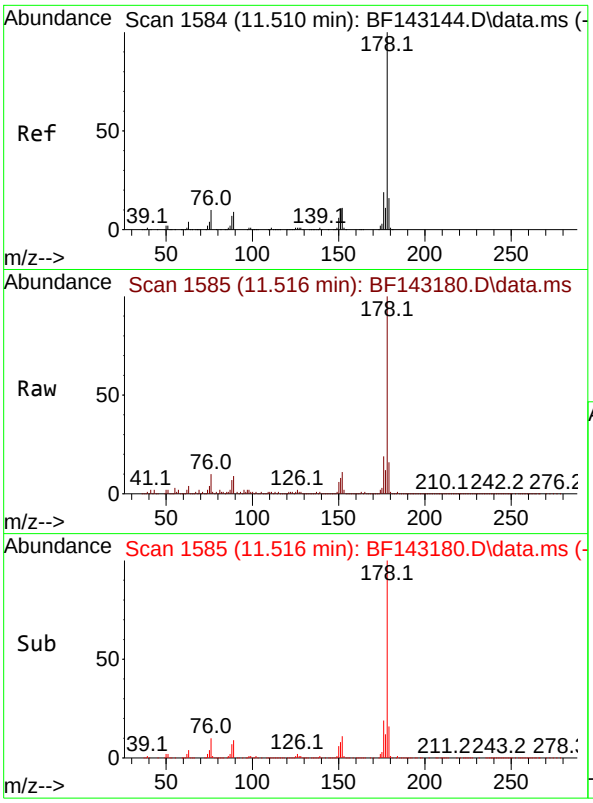



#70
Pentachlorophenol
Concen: 88.880 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:266 Resp: 273917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.3 | 51.9 | 77.9 |
| 264 | 63.5 | 51.0 | 76.6 |

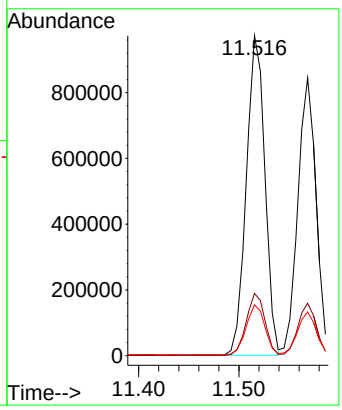





#71
Phenanthrene
Concen: 56.049 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 125208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.3 | 22.9 |
| 179 | 15.9 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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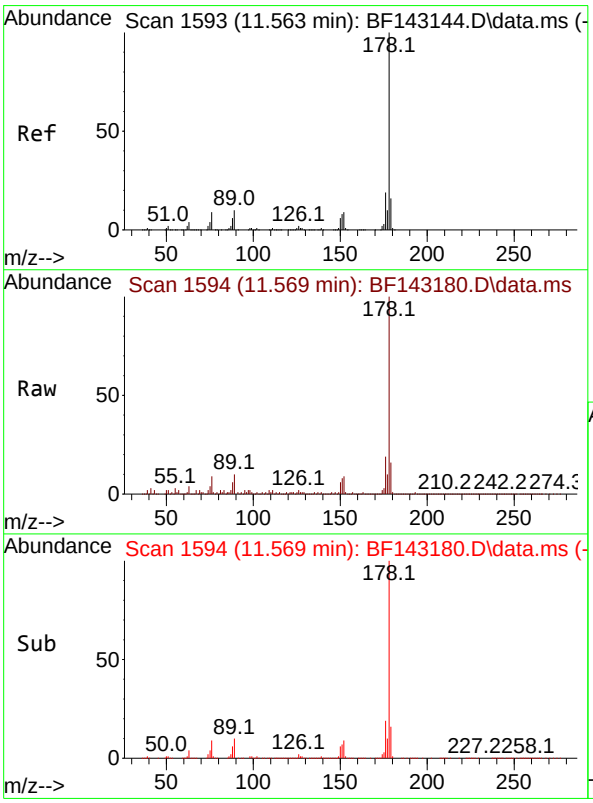
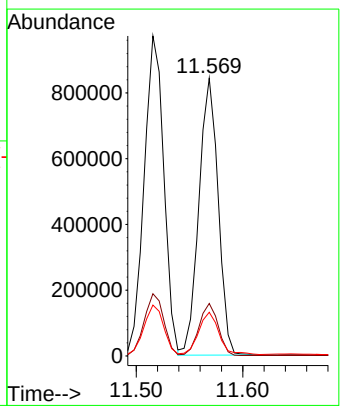
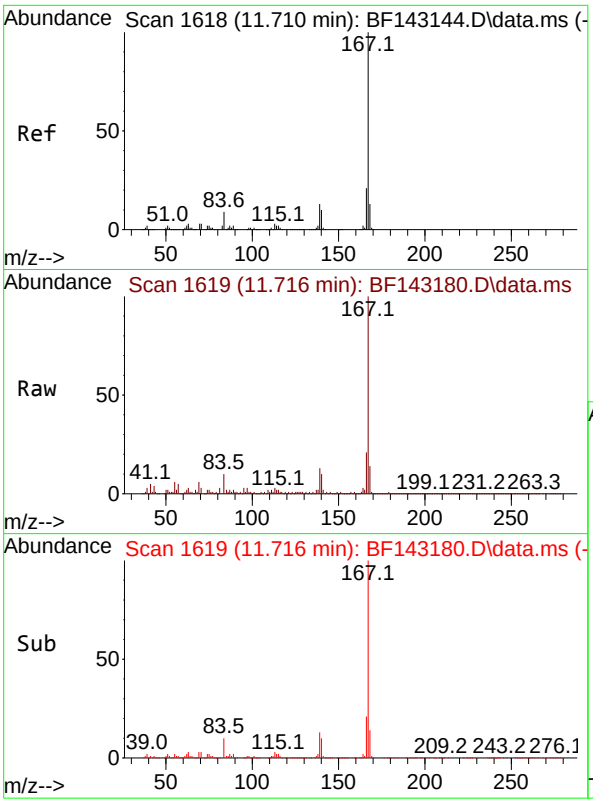



#72
Anthracene
Concen: 46.522 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 1059941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |

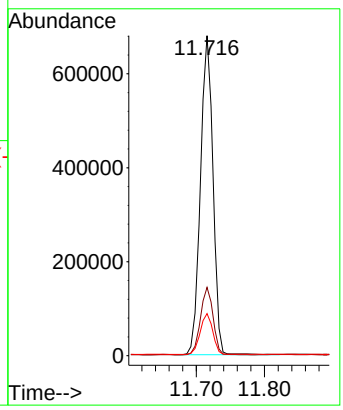





#73
Carbazole
Concen: 43.563 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:167 Resp: 86666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.0 | 25.6 |
| 139 | 13.2 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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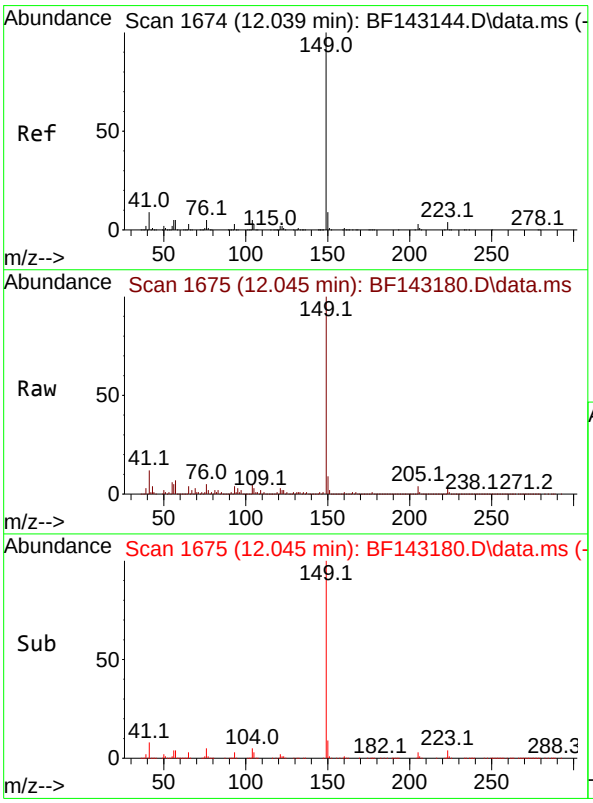
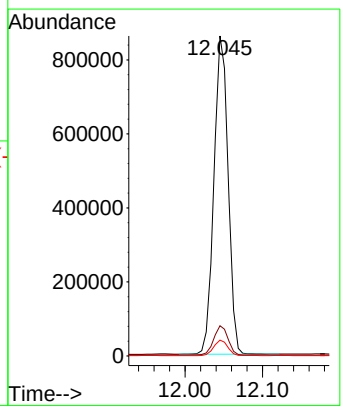
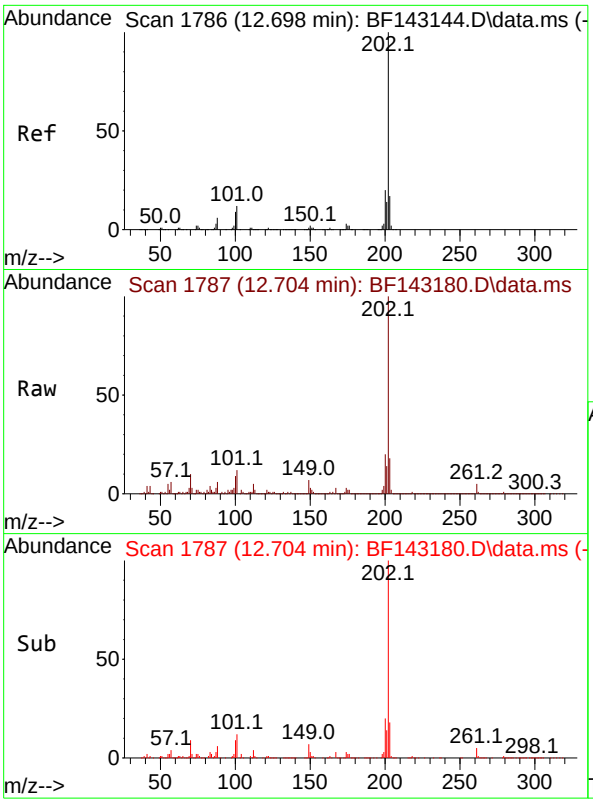



#74
Di-n-butylphthalate
Concen: 48.409 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 1089699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.4 | 11.2 |
| 104 | 5.0 | 3.8 | 5.8 |






#75
Fluoranthene
Concen: 65.437 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:202 Resp: 134174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 18.2 | 0.0 | 37.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
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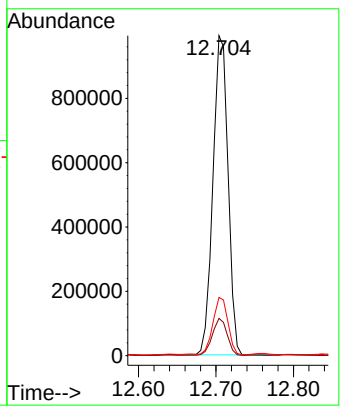
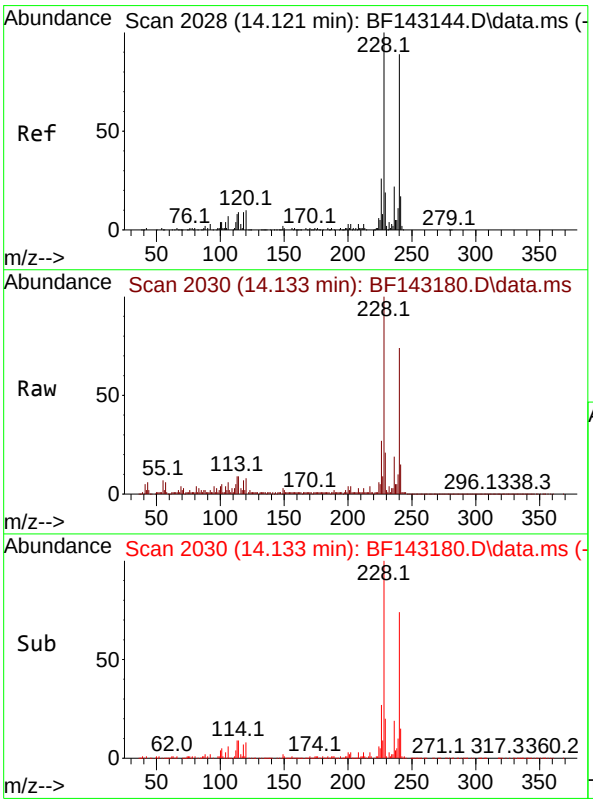
Supervised By :Jagrut Upadhyay 07/23/2025

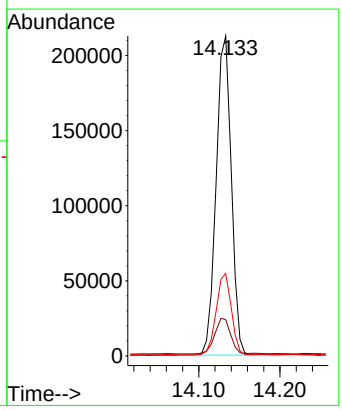


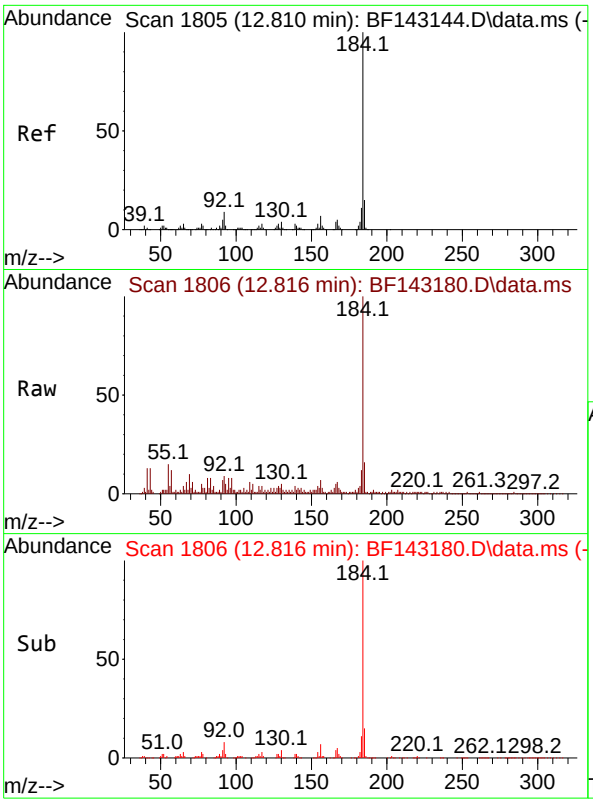




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:240 Resp: 277520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.4 | 14.2 |
| 236 | 25.7 | 20.2 | 30.4 |

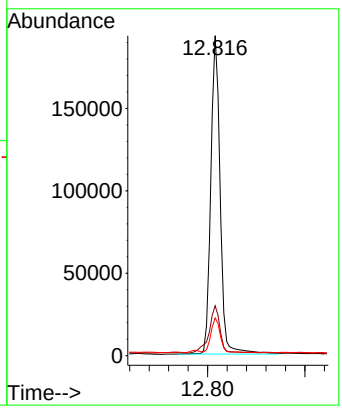





#77
Benzidine
Concen: 24.042 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 25705

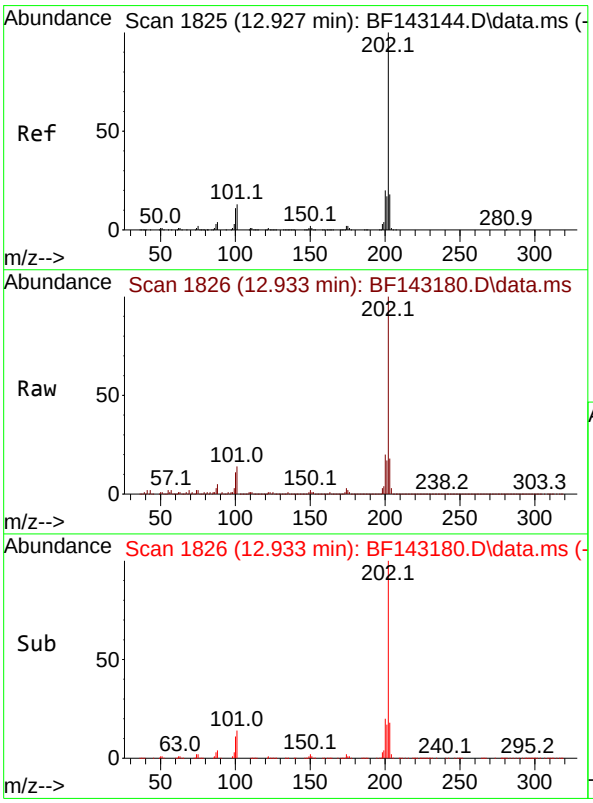
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 12.2 | 18.4 |
| 183 | 11.8 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

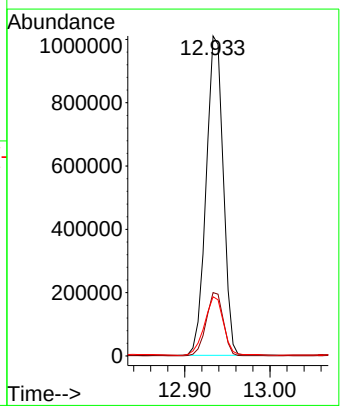
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

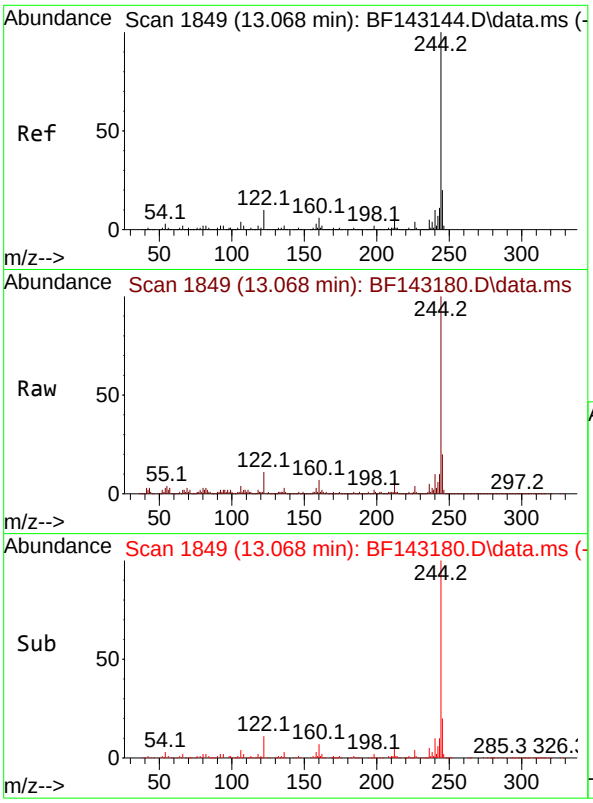



#78
Pyrene
Concen: 59.322 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:202 Resp: 1405043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 18.5 | 14.2 | 21.2 |

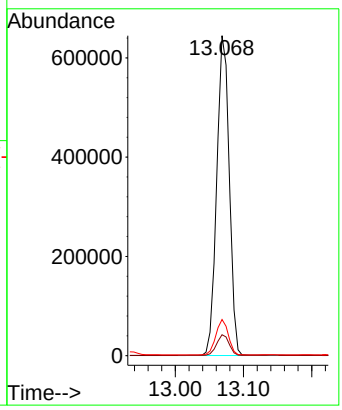





#79
Terphenyl-d14
Concen: 44.195 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:244 Resp: 82420

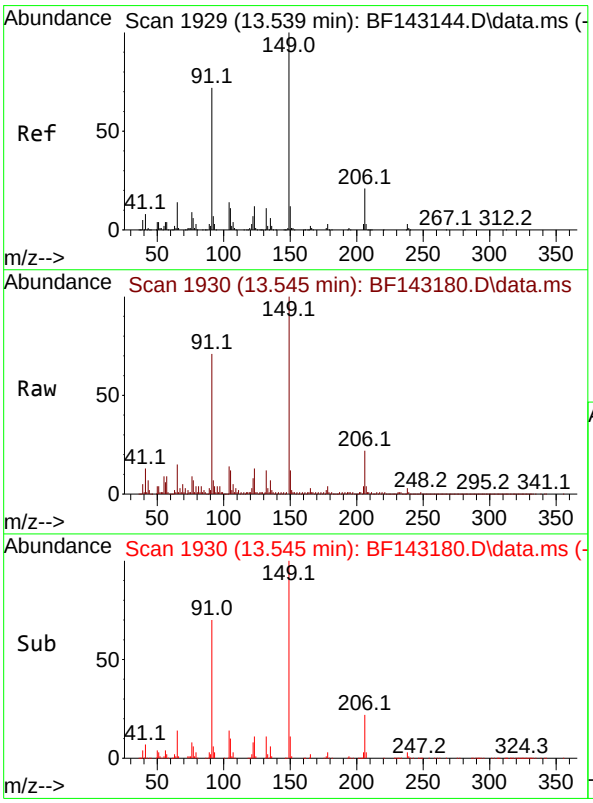
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.3 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

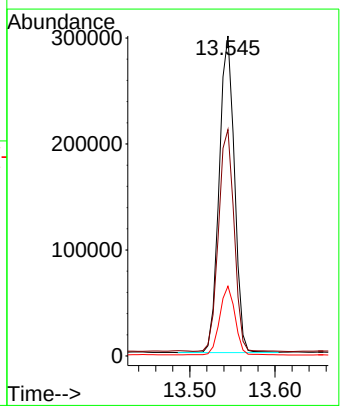
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

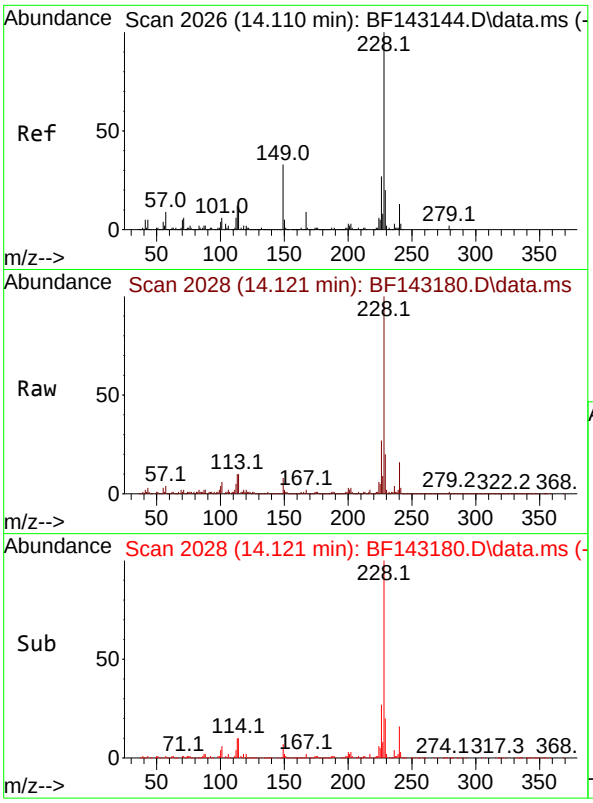



#80
Butylbenzylphthalate
Concen: 51.381 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 372649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.8 | 57.9 | 86.9 |
| 206 | 21.8 | 17.0 | 25.4 |

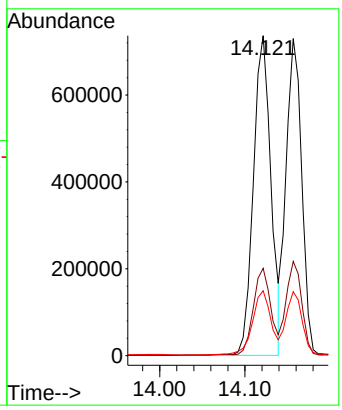





#81
Benzo(a)anthracene
Concen: 56.825 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

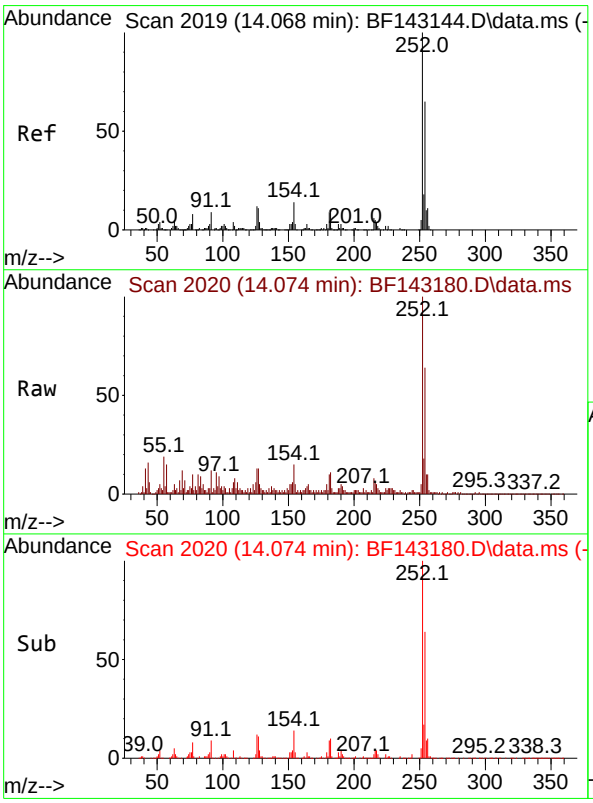
Tgt Ion:228 Resp: 105581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

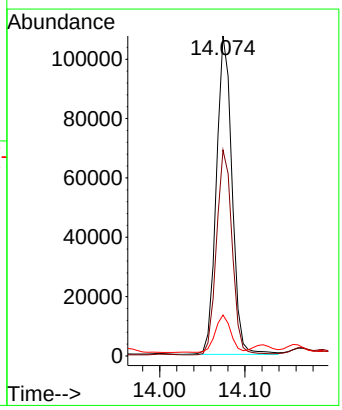
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

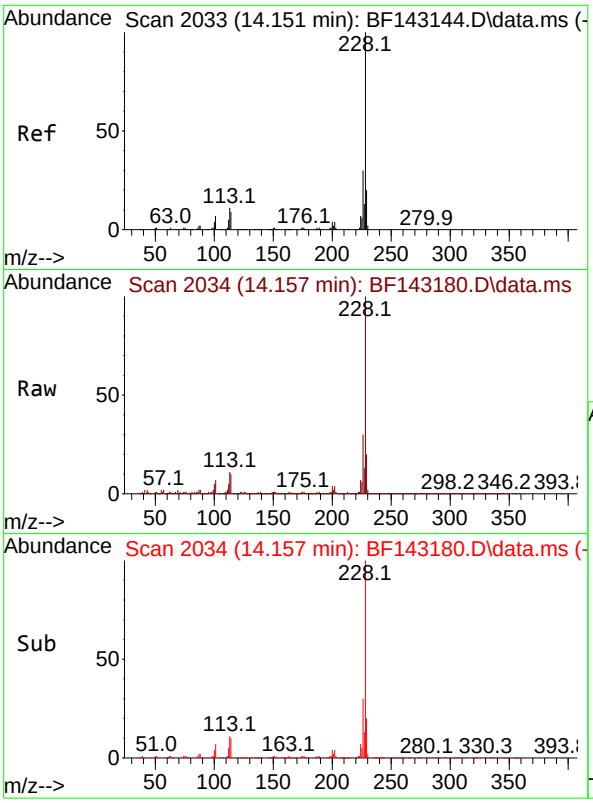



#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 136903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 51.7 | 77.5 |
| 126 | 12.8 | 9.4 | 14.0 |

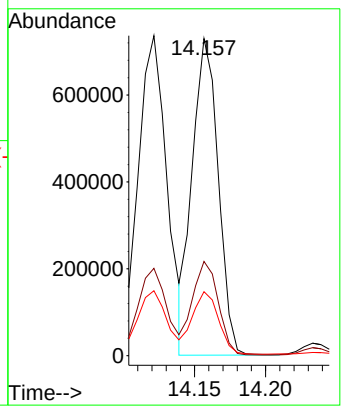





#83
Chrysene
Concen: 55.460 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:228 Resp: 92647

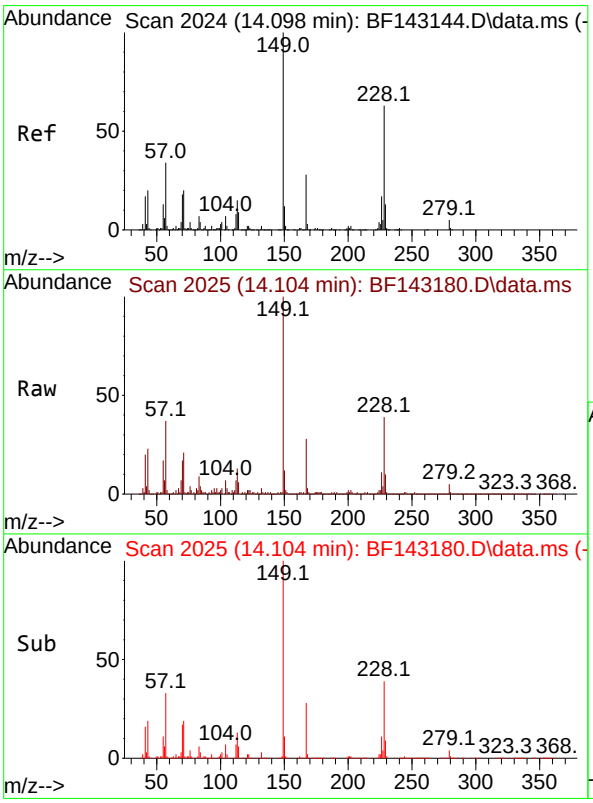
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.8 | 35.8 |
| 229 | 20.2 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

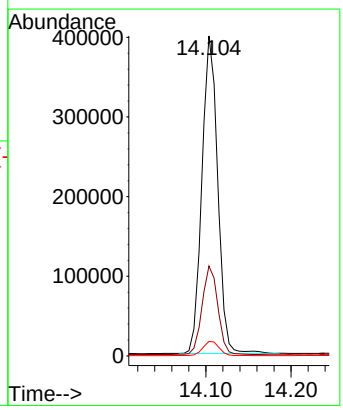
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

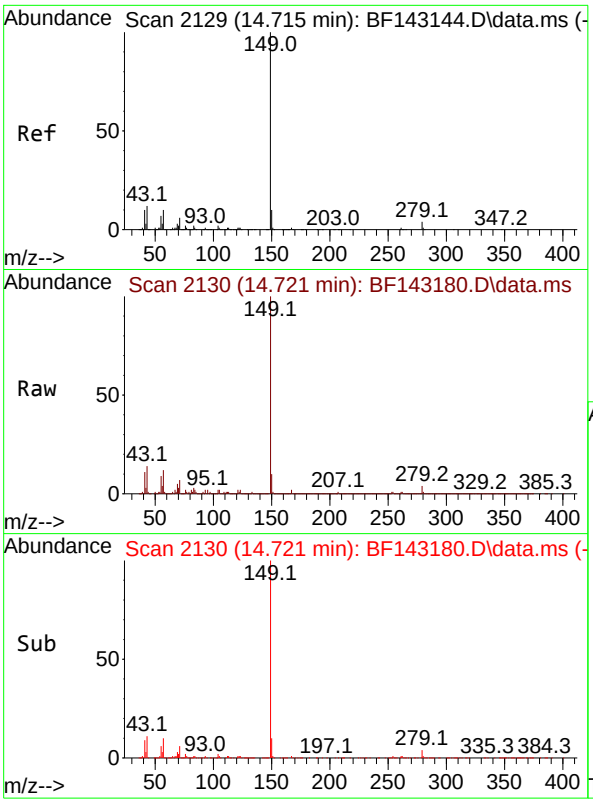



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.643 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 512026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |






#85
Di-n-octyl phthalate
Concen: 47.711 ng m
RT: 14.721 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

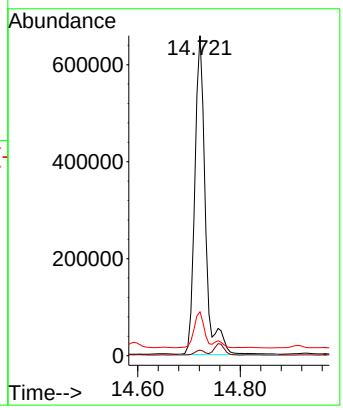
Tgt Ion:149 Resp: 94937

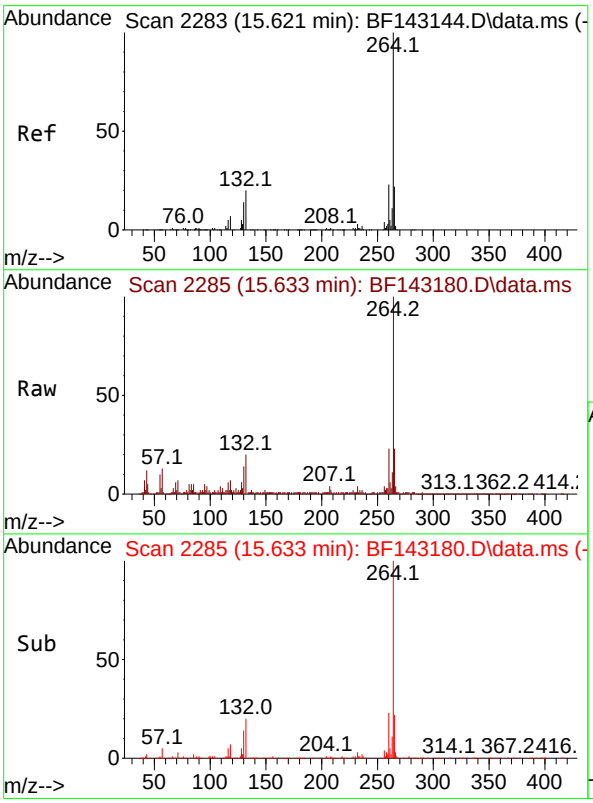
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 10.7 | 9.7 | 14.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

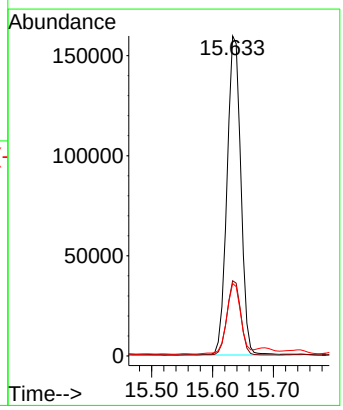


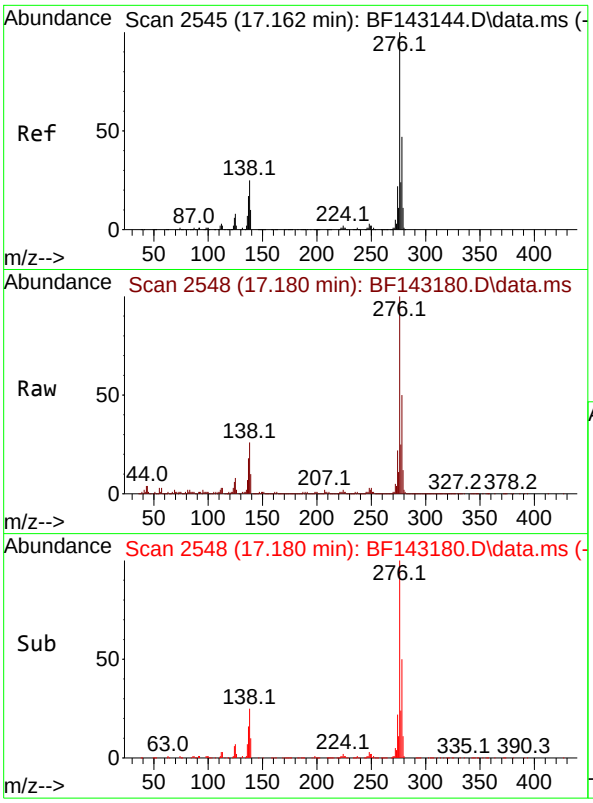




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 250625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.5 | 27.7 |
| 265 | 22.7 | 17.4 | 26.2 |

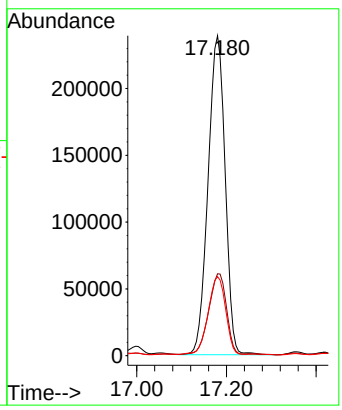





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.775 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 63222

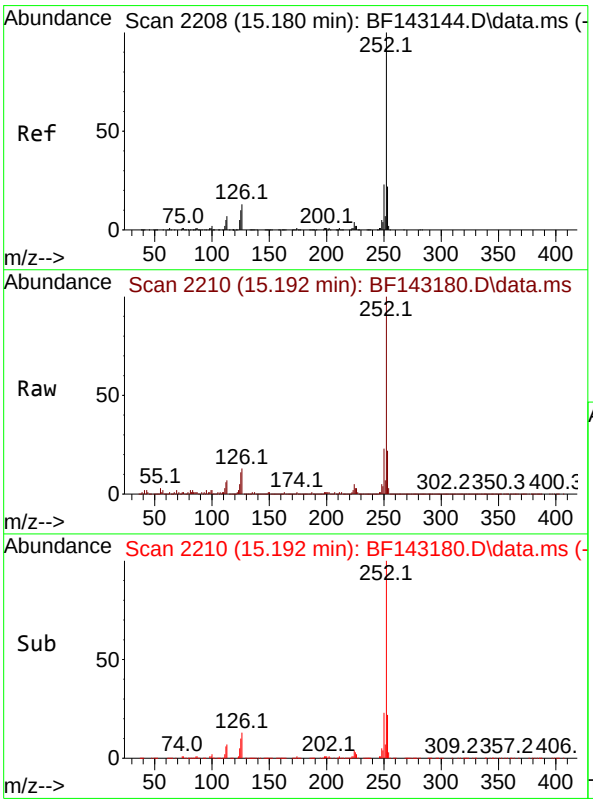
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 21.8 | 32.6 |
| 277 | 24.8 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

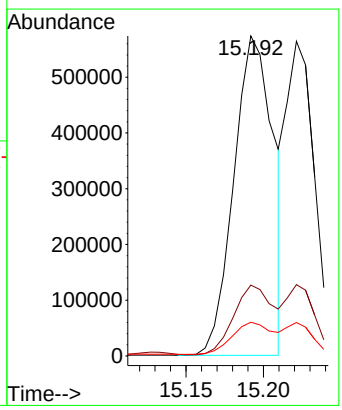
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

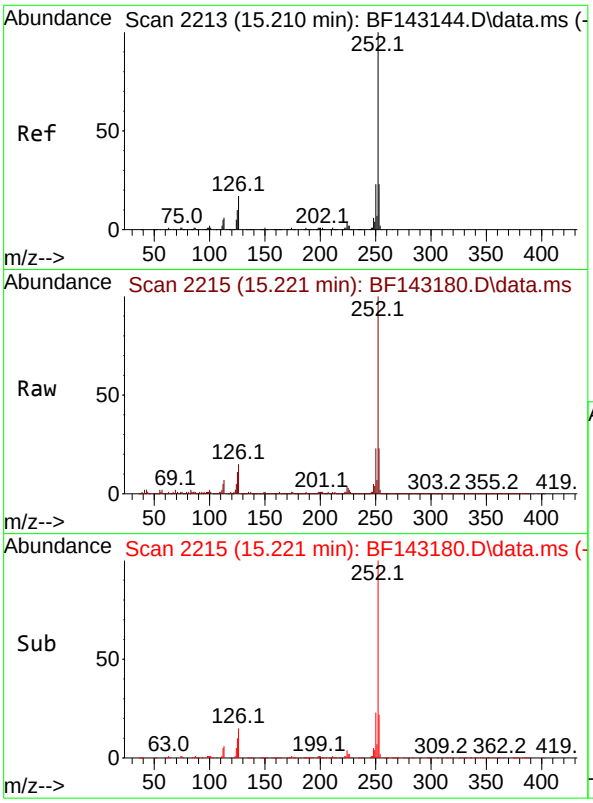



#88
Benzo(b)fluoranthene
Concen: 66.318 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 1015390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 10.6 | 8.0 | 12.0 |

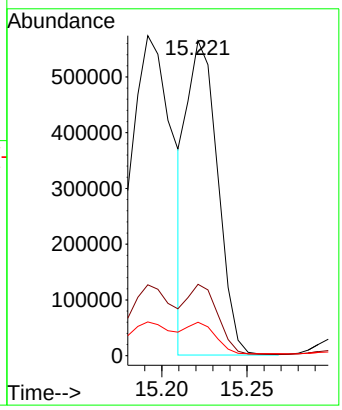





#89
Benzo(k)fluoranthene
Concen: 52.120 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 71209

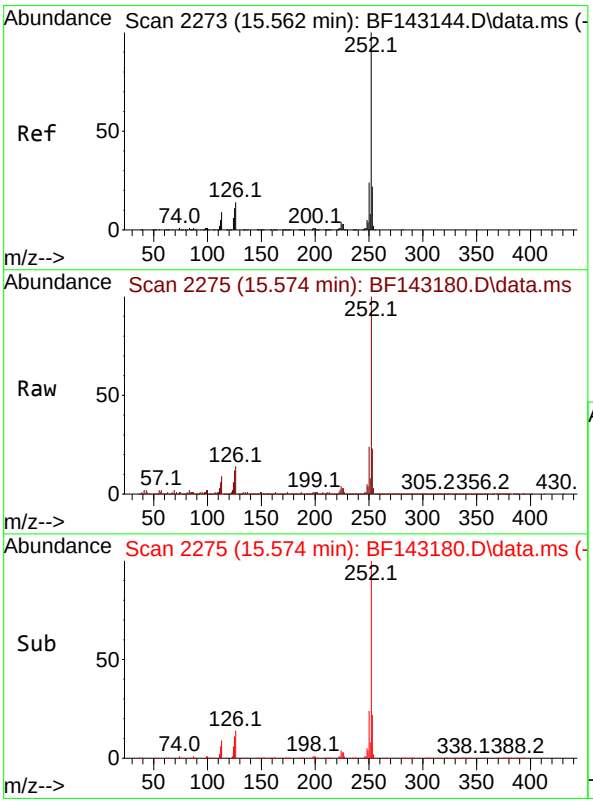
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.8 | 26.6 |
| 125 | 10.6 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

**Manual Integrations**
**APPROVED**

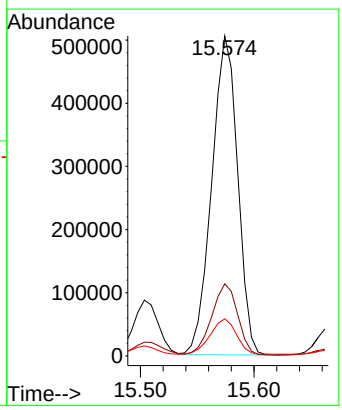
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

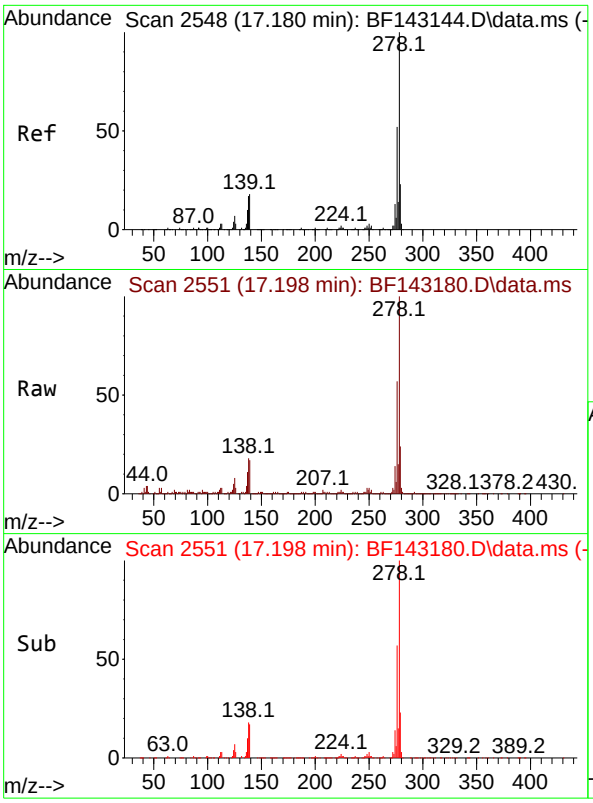



#90
Benzo(a)pyrene
Concen: 56.754 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 800603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.3 | 25.9 |
| 125 | 11.6 | 8.6 | 13.0 |

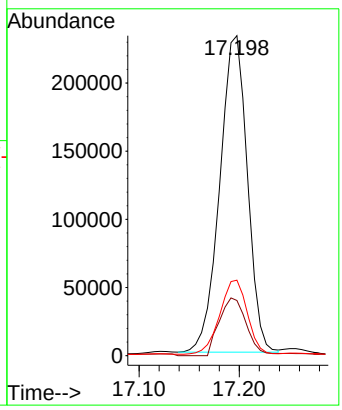





#91
Dibenzo(a,h)anthracene
Concen: 30.912 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

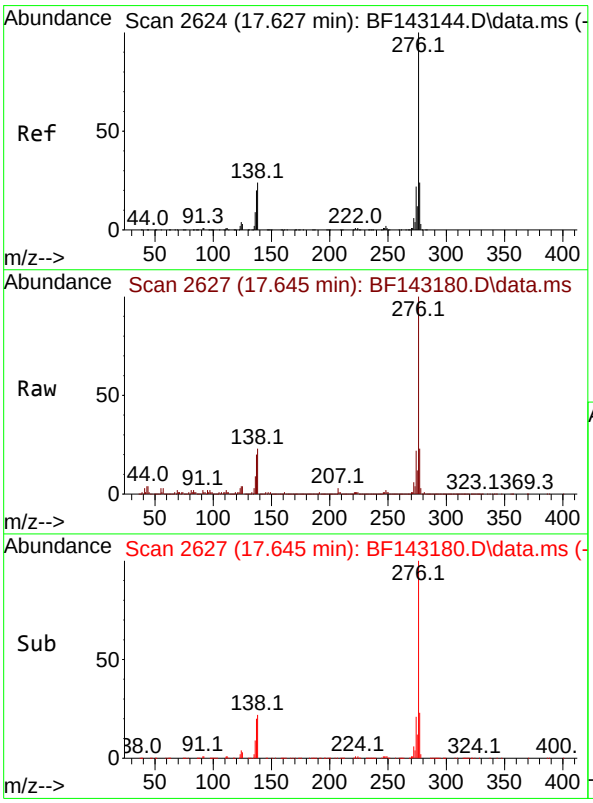
Tgt Ion:278 Resp: 44465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.3 | 14.1 | 21.1 |
| 279 | 23.6 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

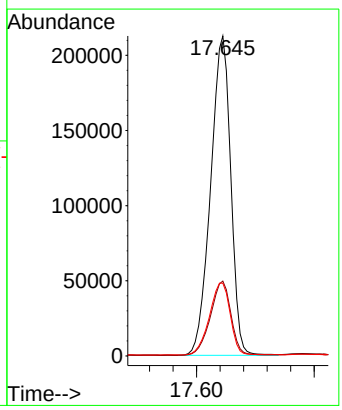
**Manual Integrations**
**APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025




#92
Benzo(g,h,i)perylene
Concen: 36.288 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 504925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.1 | 28.7 |
| 138 | 22.8 | 18.9 | 28.3 |



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/17/25 |
| Client Sample ID: | RT2286MSD | SDG No.: | Q2639 |
| Lab Sample ID: | Q2635-01MSD | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 84.8 |
| Sample Wt/Vol: | 50.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143181.D | 1 | 07/21/25 09:30 | 07/22/25 10:55 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 1.00 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 1.00 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| 208-96-8 | Acenaphthylene | 1.00 | | 0.020 | 0.092 | 0.12 | mg/Kg |
| 83-32-9 | Acenaphthene | 1.10 | | 0.015 | 0.092 | 0.12 | mg/Kg |
| 86-73-7 | Fluorene | 1.00 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| 85-01-8 | Phenanthrene | 1.30 | | 0.015 | 0.092 | 0.12 | mg/Kg |
| 120-12-7 | Anthracene | 1.10 | | 0.024 | 0.092 | 0.12 | mg/Kg |
| 206-44-0 | Fluoranthene | 1.60 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 129-00-0 | Pyrene | 1.30 | | 0.026 | 0.092 | 0.12 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 1.30 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 218-01-9 | Chrysene | 1.30 | | 0.014 | 0.092 | 0.12 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1.60 | | 0.013 | 0.092 | 0.12 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1.30 | | 0.016 | 0.092 | 0.12 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 1.30 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.81 | | 0.021 | 0.092 | 0.12 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.71 | | 0.019 | 0.092 | 0.12 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.83 | | 0.018 | 0.092 | 0.12 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 57.7 | | 37 - 122 | | 58% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 52.8 | | 44 - 115 | | 53% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 43.1 | * | 54 - 127 | | 43% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 137000 | 6.963 | | | | |
| 1146-65-2 | Naphthalene-d8 | 530000 | 8.245 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 274000 | 10.004 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 415000 | 11.492 | | | | |
| 1719-03-5 | Chrysene-d12 | 276000 | 14.133 | | | | |
| 1520-96-3 | Perylene-d12 | 229000 | 15.639 | | | | |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/17/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/17/25 |
| Client Sample ID: | RT2286MSD | SDG No.: | Q2639 |
| Lab Sample ID: | Q2635-01MSD | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 84.8 |
| Sample Wt/Vol: | 50.02 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group3 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF143181.D | 1 | 07/21/25 09:30 | 07/22/25 10:55 | PB168929 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 136589 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 529762 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 274462 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.492 | 188 | 414650 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.133 | 240 | 276295 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 15.639 | 264 | 228694 | 20.000 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.598 | 112 | 716143 | 82.969 | ng | | 0.01 |
| 7) Phenol-d6 | 6.587 | 99 | 935920 | 86.147 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 613436 | 57.720 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 244844 | 86.354 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1059631 | 52.801 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 800209 | 43.099 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.863 | 88 | 142826 | 34.971 | ng | | 100 |
| 3) Pyridine | 3.628 | 79 | 387513 | 36.555 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.569 | 42 | 226567 | 41.396 | ng | | 99 |
| 6) Aniline | 6.622 | 93 | 355683 | 23.491 | ng | | 95 |
| 8) 2-Chlorophenol | 6.751 | 128 | 380878 | 42.098 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 267699 | 32.860 | ng | | 99 |
| 10) Phenol | 6.604 | 94 | 507938 | 42.917 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 375500 | 41.437 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 396098 | 40.301 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 400666 | 40.480 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 385915 | 40.994 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 366706 | 44.206 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 695231 | 41.357 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 323602 | 42.538 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 145589 | 42.489 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 282181 | 40.484 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 396436 | 42.952 | ng | # | 81 |
| 22) Acetophenone | 7.369 | 105 | 518130 | 41.311 | ng | | 97 |
| 24) Nitrobenzene | 7.540 | 77 | 429974 | 43.395 | ng | | 98 |
| 25) Isophorone | 7.781 | 82 | 793276 | 42.282 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 207791 | 48.321 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 371287 | 42.358 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 469100 | 41.702 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 316852 | 42.863 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 329282 | 41.232 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1159919 | 44.458 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 260227 | 52.195 | ng | | 97 |
| 33) 4-Chloroaniline | 8.310 | 127 | 114890 | 10.785 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 197888 | 40.563 | ng | | 99 |
| 35) Caprolactam | 8.681 | 113 | 114441 | 51.232 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 358269 | 44.590 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 686312 | 43.229 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 697758 | 42.680 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 328897 | 41.506 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 241446 | 46.829 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 238395 | 43.470 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 238695 | 43.512 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 906851 | 42.350 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 661581 | 41.755 | ng | | 100 |
| 48) 2-Nitroaniline | 9.539 | 65 | 240330 | 48.368 | ng | | 100 |
| 49) Acenaphthylene | 9.869 | 152 | 1121862 | 42.250 | ng | | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 785971 | 43.933 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.781 | 165 | 174789 | 48.027 | ng | | 97 |
| 52) Acenaphthene | 10.039 | 154 | 717249 | 45.702 | ng | | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 141784 | 33.307 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 138218 | 83.480 | ng | # | 7 |
| 55) Dibenzofuran | 10.210 | 168 | 992798 | 42.608 | ng | | 99 |
| 56) 4-Nitrophenol | 10.104 | 139 | 276705 | 87.047 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 229420 | 50.245 | ng | | 98 |
| 58) Fluorene | 10.551 | 166 | 745825 | 42.649 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.328 | 232 | 198979 | 43.788 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 793884 | 44.896 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 365015 | 41.919 | ng | | 99 |
| 62) 4-Nitroaniline | 10.563 | 138 | 150125 | 41.149 | ng | | 98 |
| 63) Azobenzene | 10.704 | 77 | 832376 | 45.166 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 93180 | 43.445 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 658874 | 45.125 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 219163 | 44.351 | ng | | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 217668 | 42.143 | ng | | 98 |
| 69) Atrazine | 11.186 | 200 | 195110 | 48.470 | ng | | 99 |
| 70) Pentachlorophenol | 11.298 | 266 | 261343 | 86.042 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 1215848 | 55.224 | ng | | 99 |
| 72) Anthracene | 11.569 | 178 | 1016264 | 45.259 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 837062 | 42.692 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1092339 | 49.237 | ng | | 99 |
| 75) Fluoranthene | 12.710 | 202 | 1347470 | 66.679 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 297349 | 27.933 | ng | | 99 |
| 78) Pyrene | 12.939 | 202 | 1345473 | 57.059 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 367405 | 50.883 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.121 | 228 | 1033853 | 55.890 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 138194 | 22.415 | ng | | 100 |
| 83) Chrysene | 14.157 | 228 | 923571 | 55.532 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 519551 | 47.538 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 962953m | 48.608 | ng | | |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 555106 | 34.423 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.192 | 252 | 926002 | 66.280 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 688897 | 55.257 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.574 | 252 | 734037 | 57.025 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 397652 | 30.296 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 449394 | 35.394 | ng | | 100 |

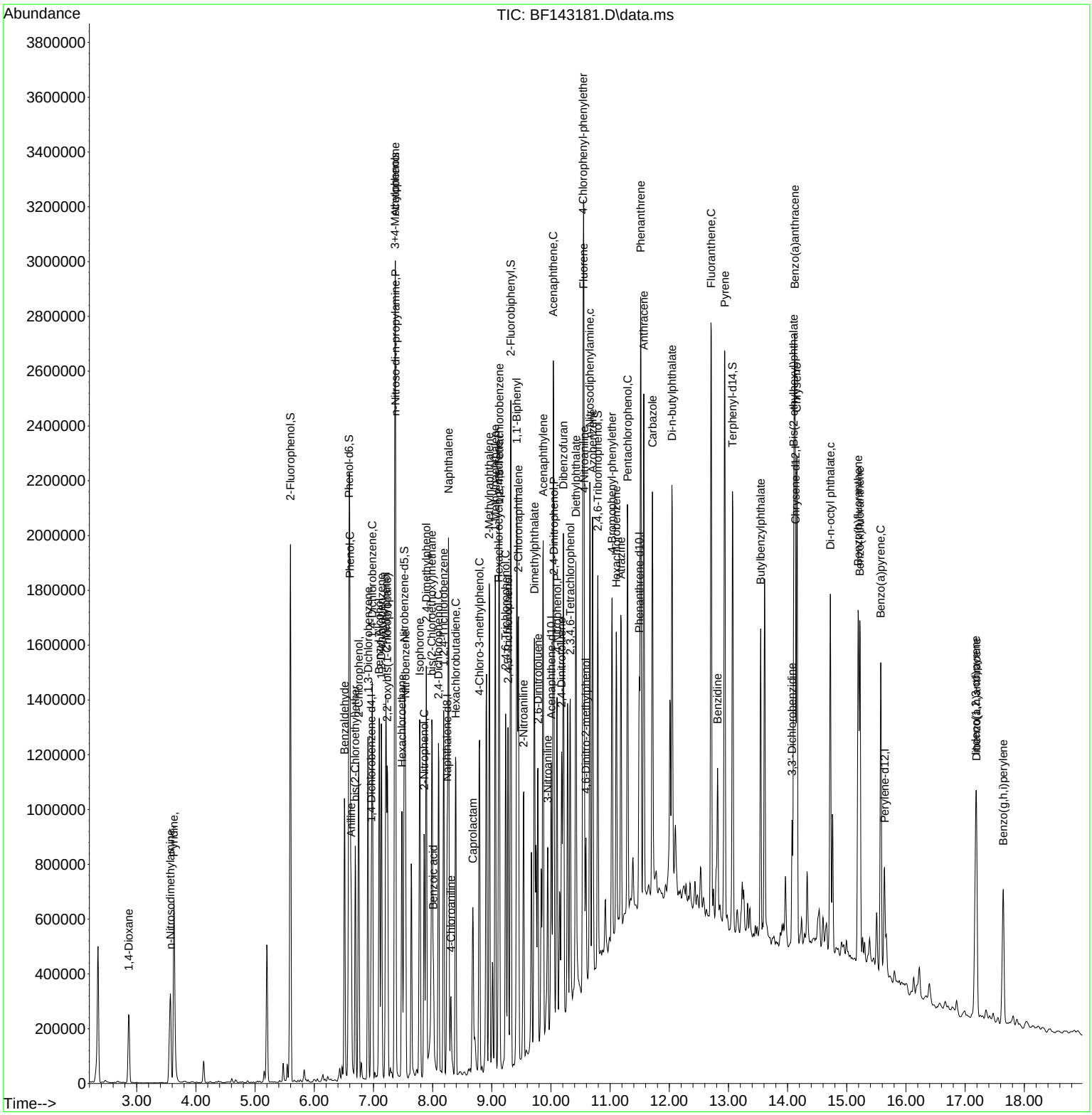
(#) = qualifier out of range (m) = manual integration (+) = signals summed

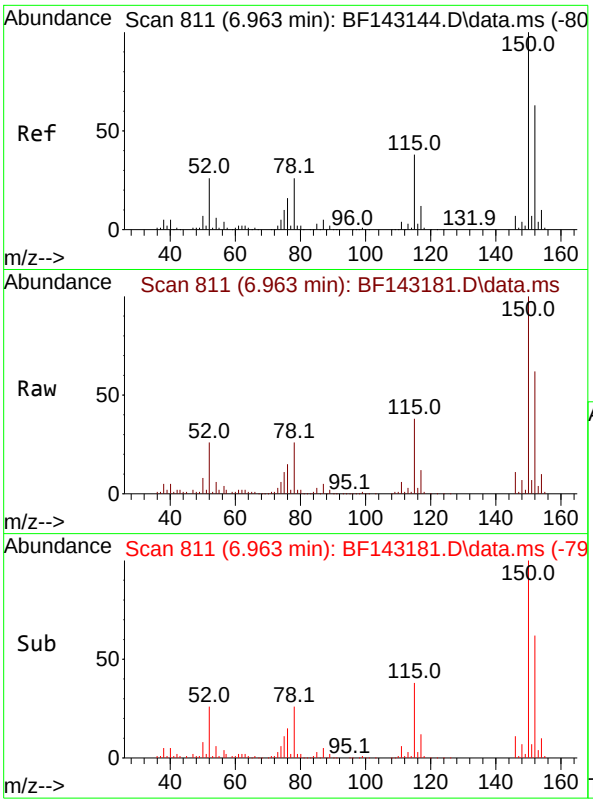
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

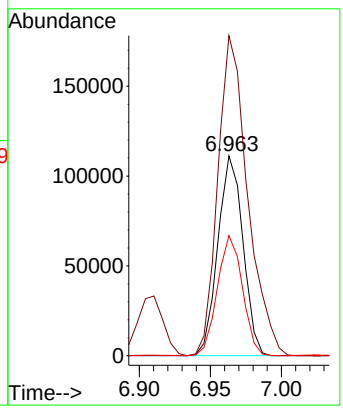





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:152 Resp: 13658

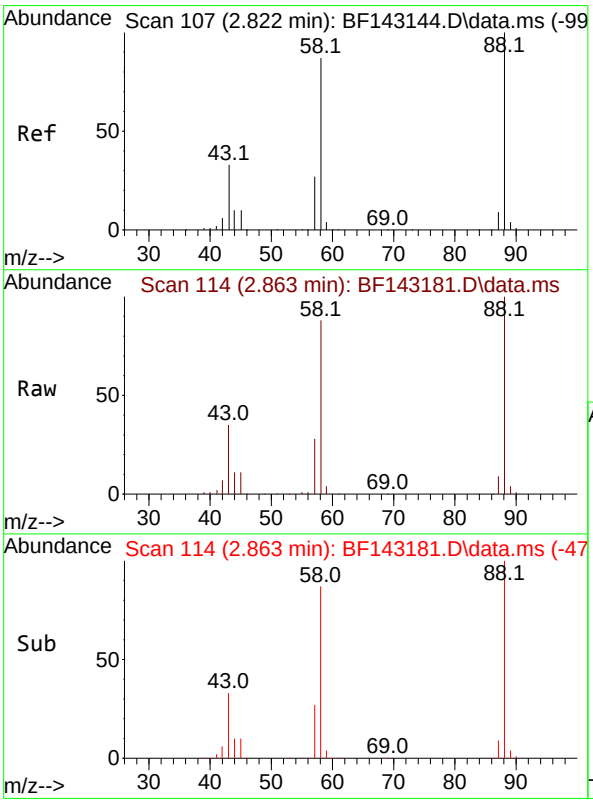
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 128.2 | 192.4 |
| 115 | 60.1 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

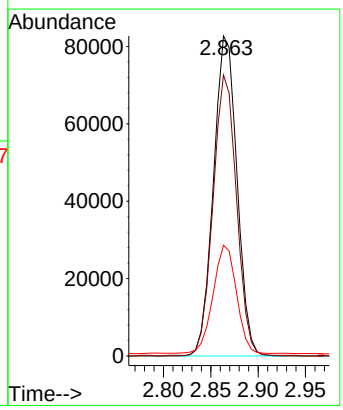
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

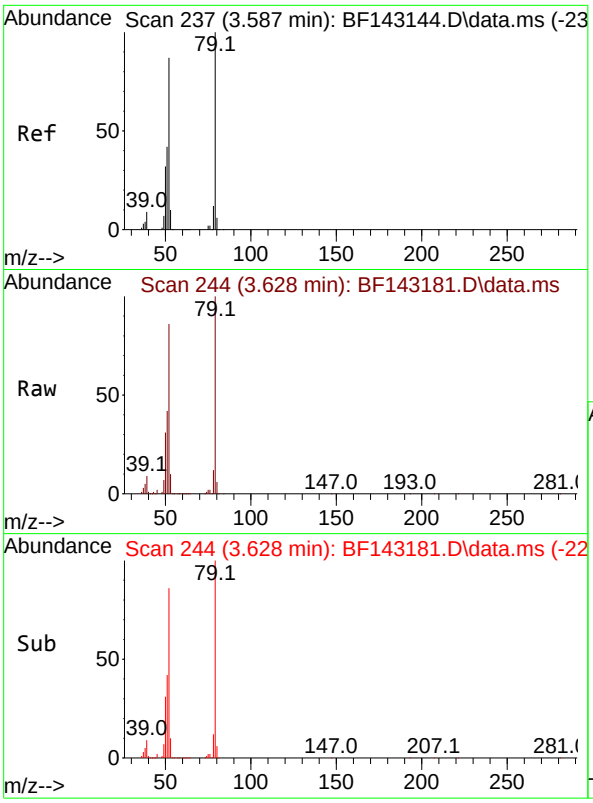



#2
1,4-Dioxane
Concen: 34.971 ng
RT: 2.863 min Scan# 114
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 88 Resp: 142826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 70.2 | 105.2 |
| 43 | 33.6 | 27.1 | 40.7 |






#3
Pyridine
Concen: 36.555 ng
RT: 3.628 min Scan# 24
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

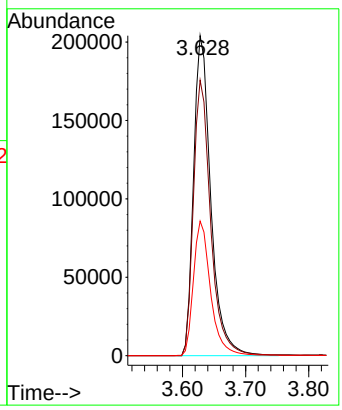
Tgt Ion: 79 Resp: 38751

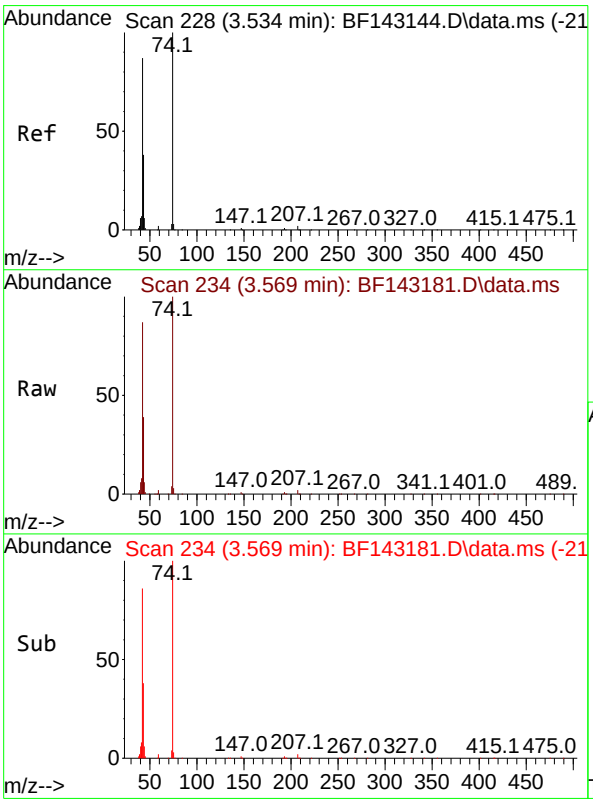
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.1 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

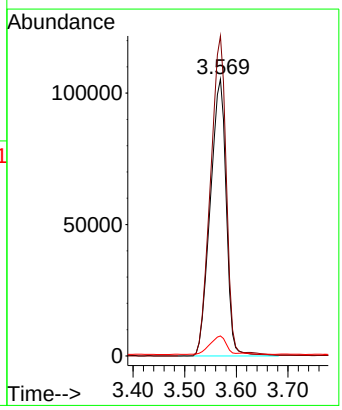


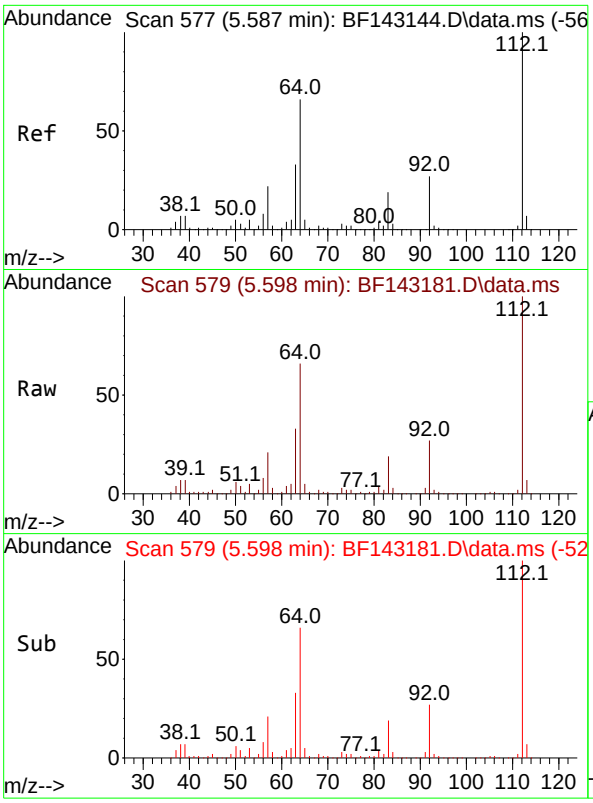




#4
n-Nitrosodimethylamine
Concen: 41.396 ng
RT: 3.569 min Scan# 234
Delta R.T. 0.035 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 42 Resp: 226567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.6 | 91.7 | 137.5 |
| 44 | 7.2 | 5.6 | 8.4 |






#5
2-Fluorophenol
Concen: 82.969 ng
RT: 5.598 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

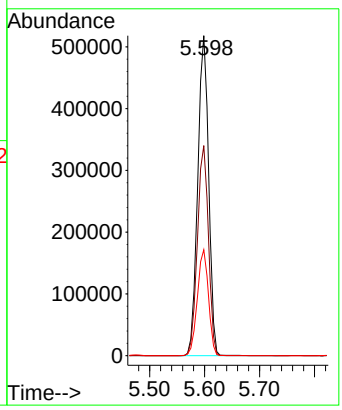
Tgt Ion:112 Resp: 71614

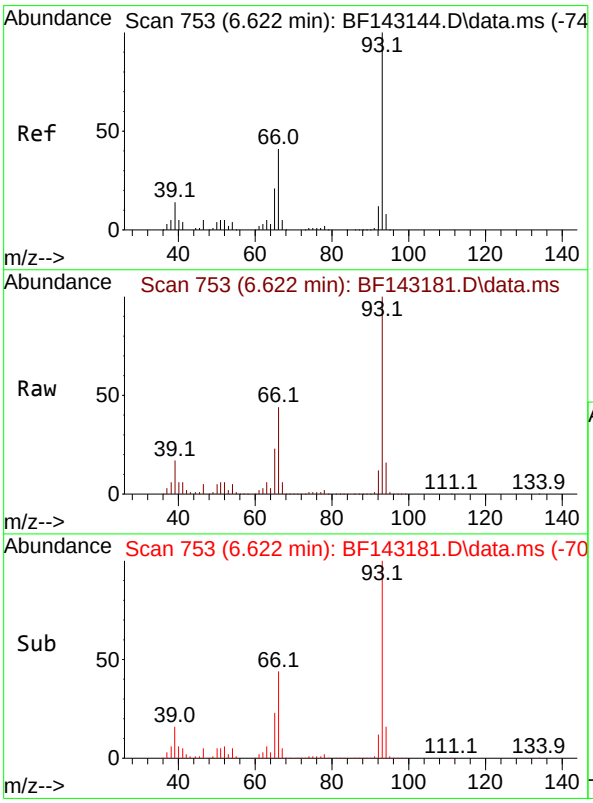
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.7 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

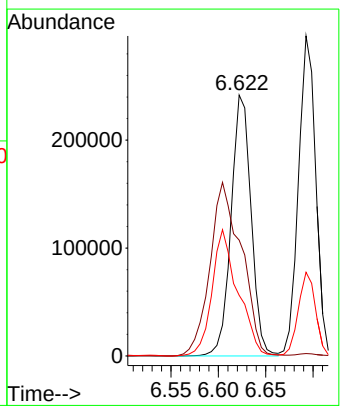


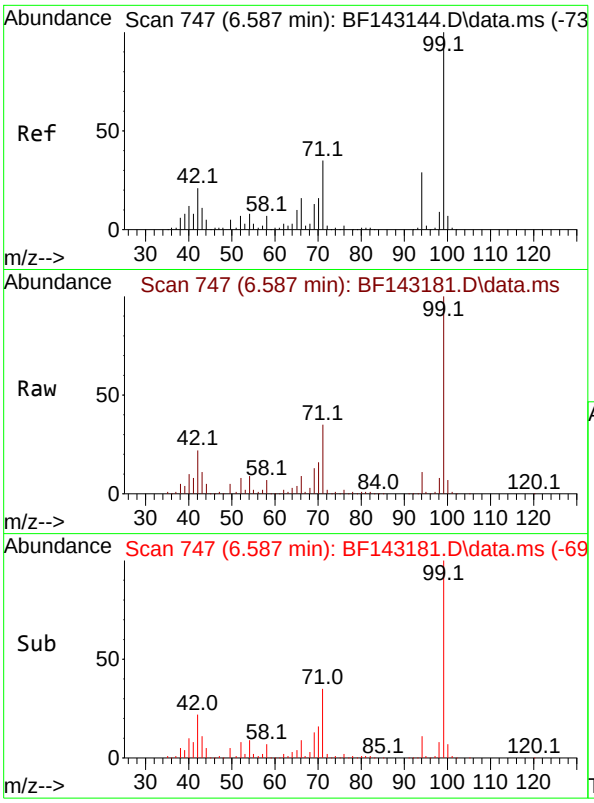




#6
Aniline
Concen: 23.491 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 355683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.4 | 33.2 | 49.8 |
| 65 | 23.2 | 16.9 | 25.3 |

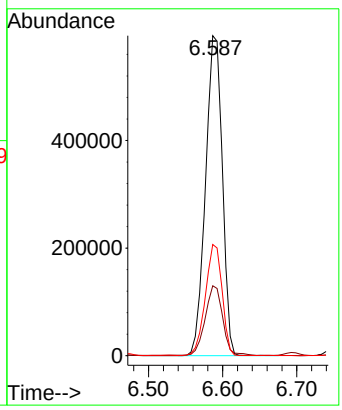





#7
Phenol-d6
Concen: 86.147 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 99 Resp: 93592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 17.0 | 25.6 |
| 71 | 34.8 | 27.7 | 41.5 |




**Instrument :**
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**ClientSampleId :**
RT2286MSD

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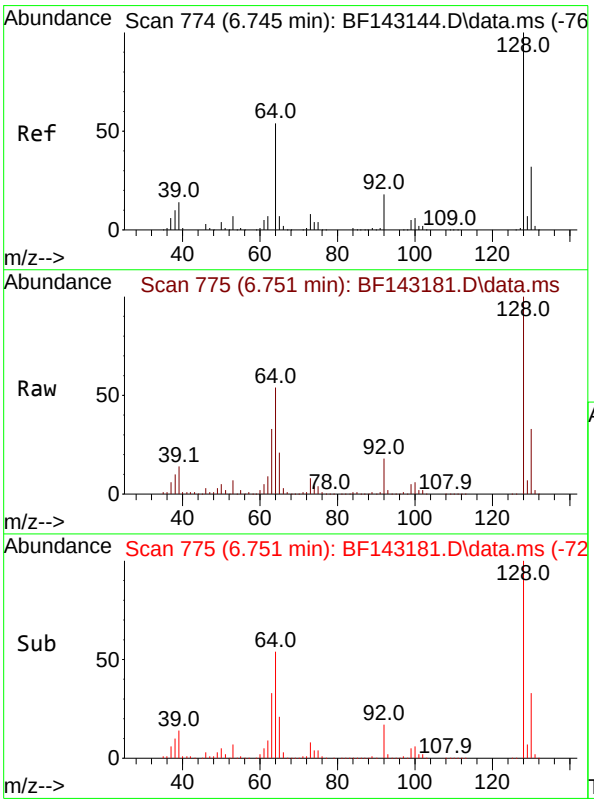
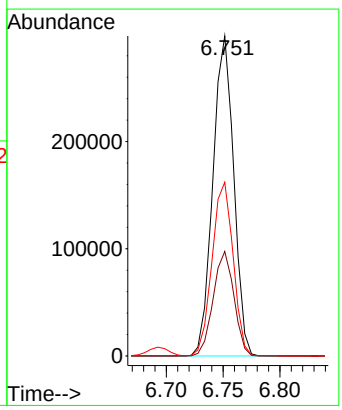
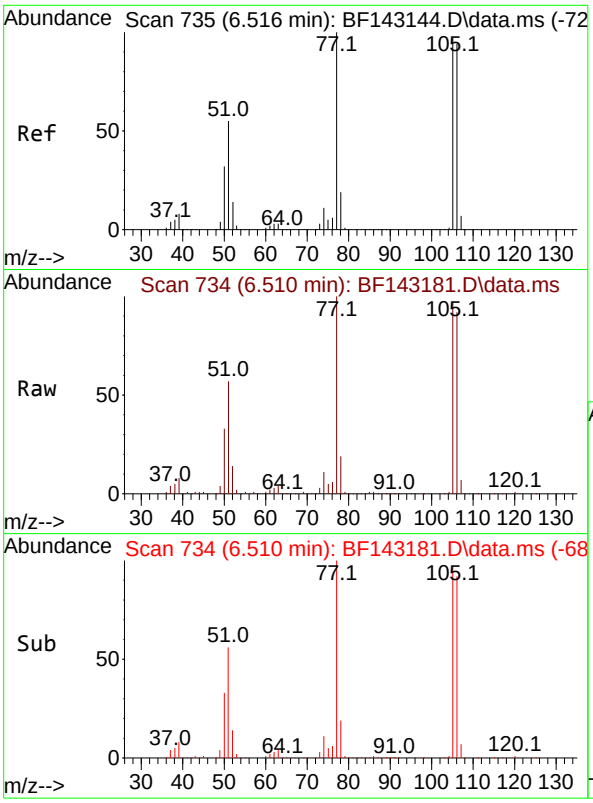



#8
2-Chlorophenol
Concen: 42.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 380878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.3 | 52.3 |
| 64 | 54.3 | 35.9 | 75.9 |

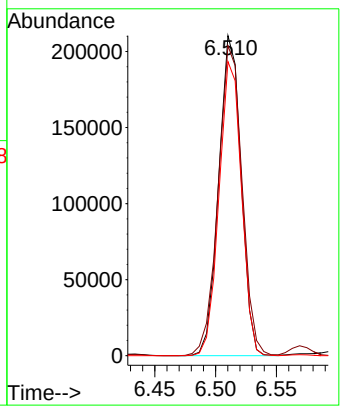





#9
Benzaldehyde
Concen: 32.860 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 26769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.8 | 76.8 | 116.8 |
| 106 | 91.9 | 74.4 | 114.4 |

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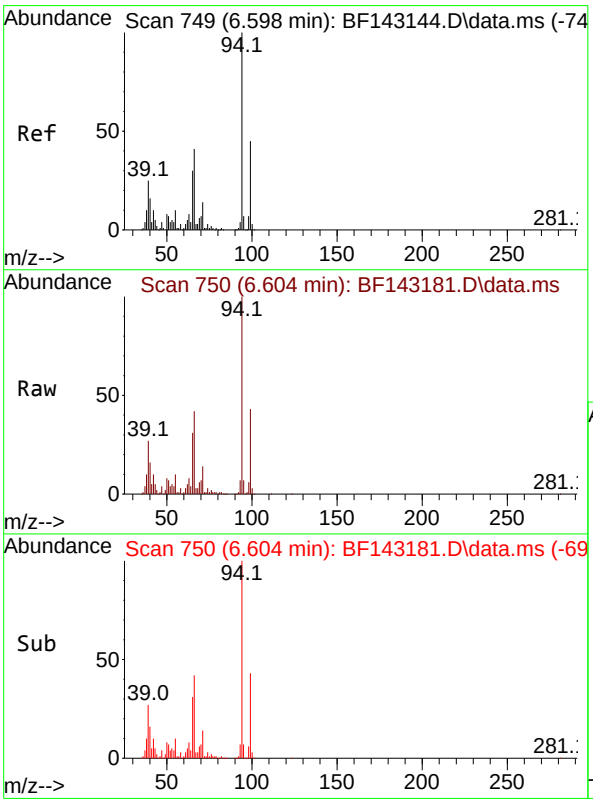
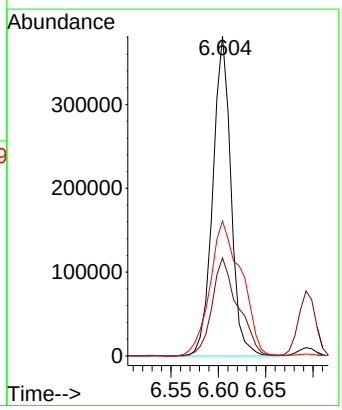
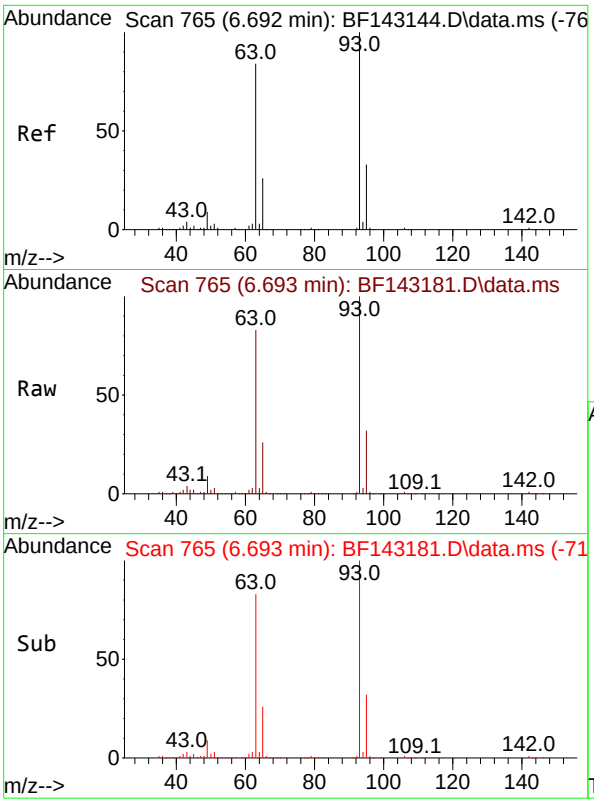



#10
Phenol
Concen: 42.917 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 94 Resp: 507938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.6 | 10.0 | 50.0 |
| 66 | 42.2 | 20.8 | 60.8 |

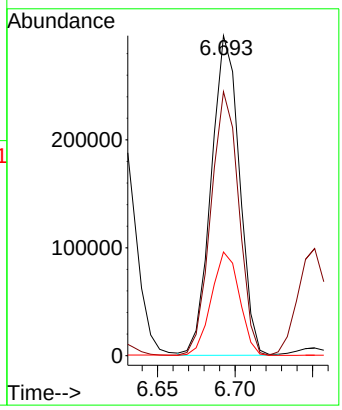





#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 37550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.5 | 63.4 | 103.4 |
| 95 | 32.4 | 12.4 | 52.4 |




**Instrument :**
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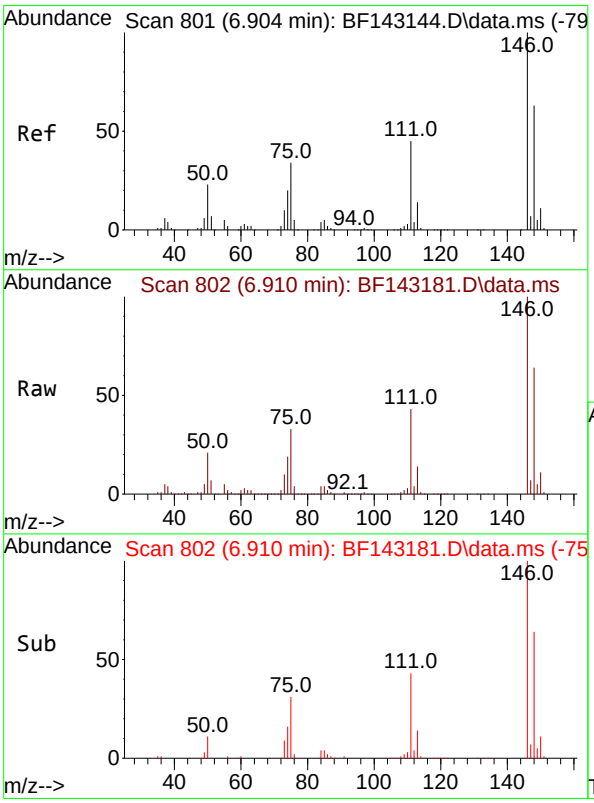
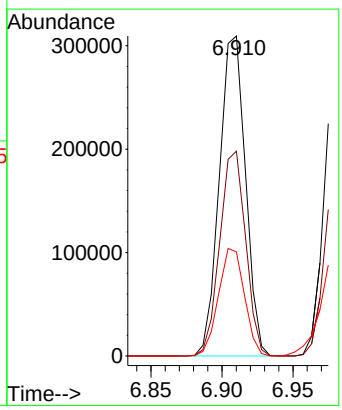
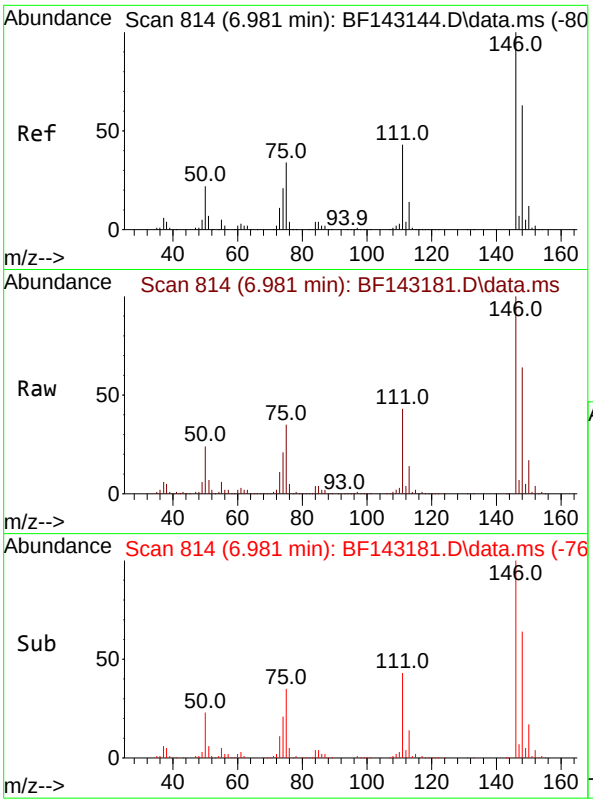



#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 396098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 50.6 | 76.0 |
| 75 | 32.5 | 27.4 | 41.2 |

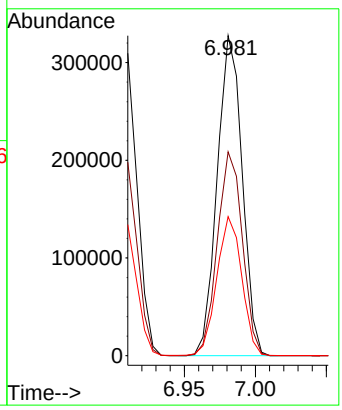





#13
1,4-Dichlorobenzene
Concen: 40.480 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 40066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.3 | 75.5 |
| 111 | 43.4 | 34.4 | 51.6 |




**Instrument :**
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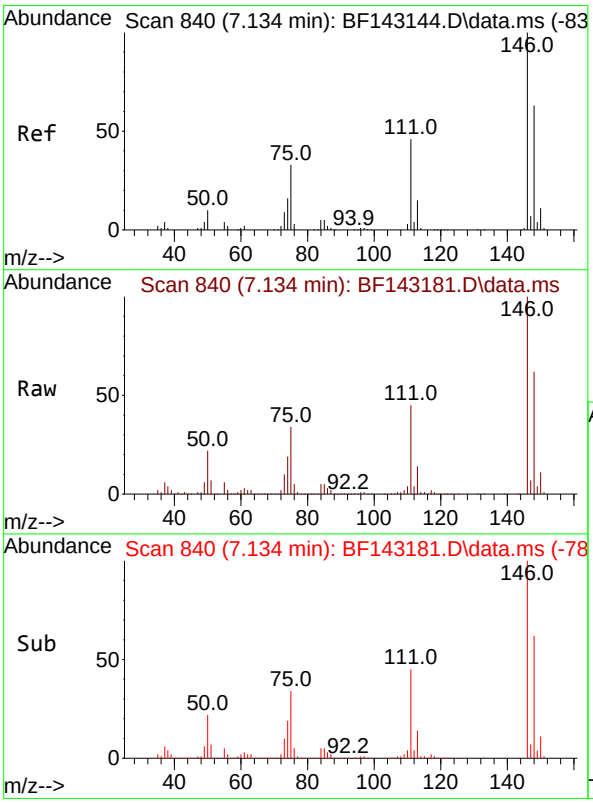
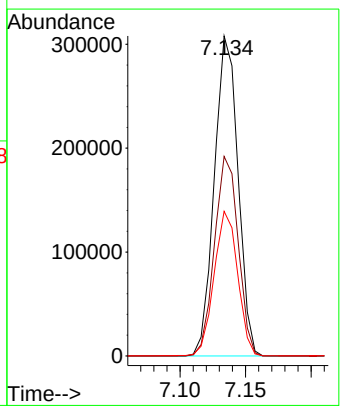
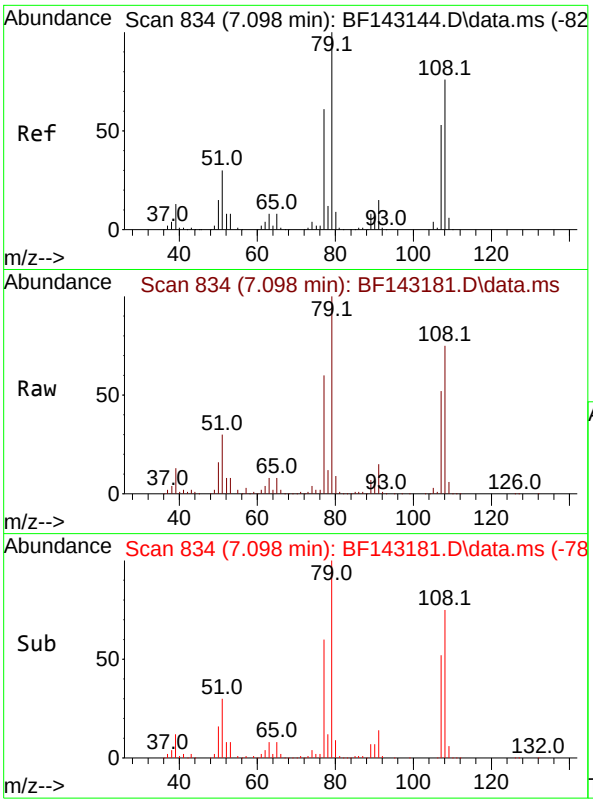



#14
1,2-Dichlorobenzene
Concen: 40.994 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 385915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 50.7 | 76.1 |
| 111 | 45.2 | 36.6 | 54.8 |

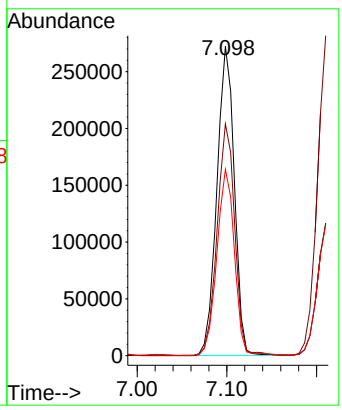





#15
Benzyl Alcohol
Concen: 44.206 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 79 Resp: 36670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.0 | 61.1 | 91.7 |
| 77 | 60.2 | 48.9 | 73.3 |




**Instrument :**
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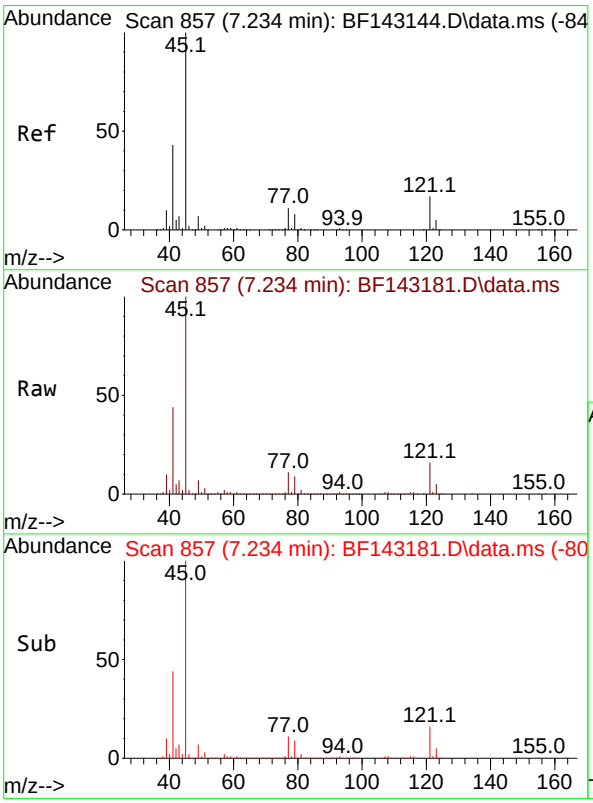
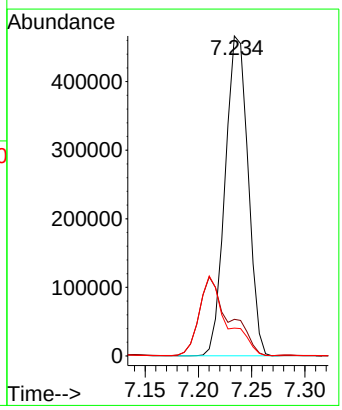
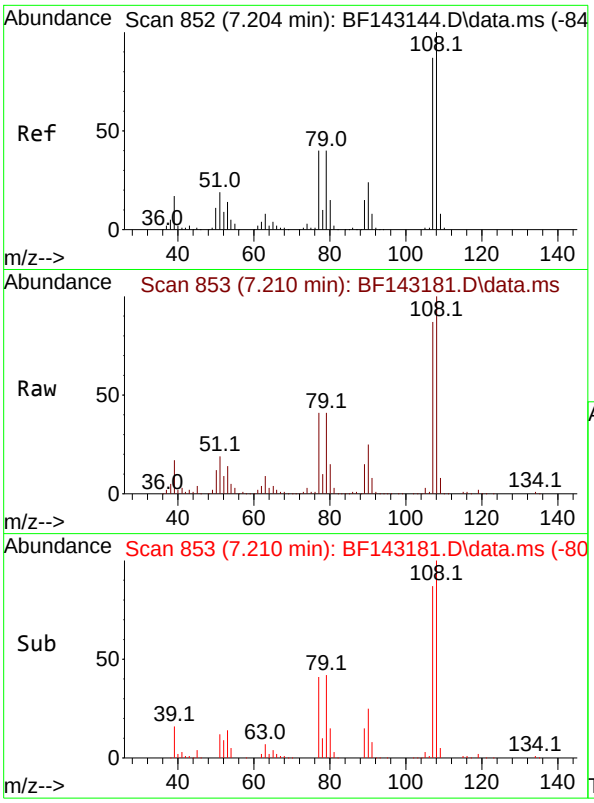



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 45 Resp: 695231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |

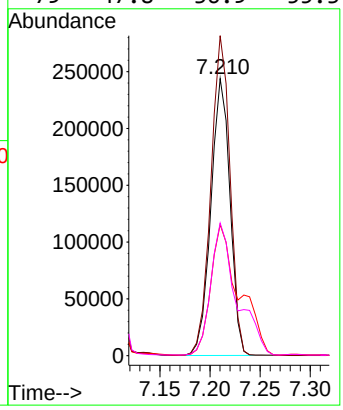





#17
2-Methylphenol
Concen: 42.538 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 32360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.5 | 91.8 | 137.6 |
| 77 | 47.3 | 37.0 | 55.6 |
| 79 | 47.8 | 36.9 | 55.3 |




**Instrument :**
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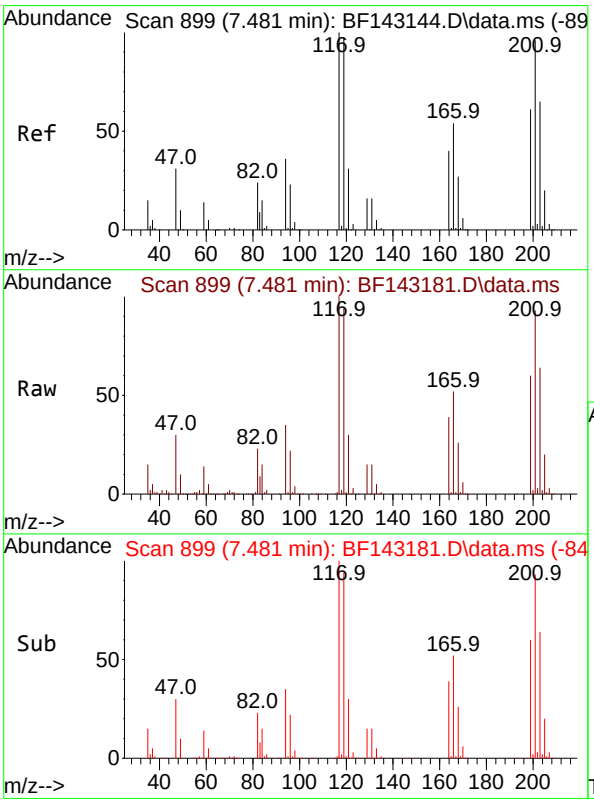
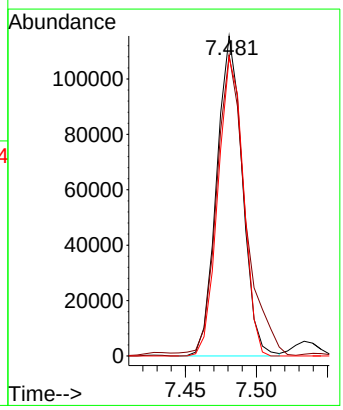
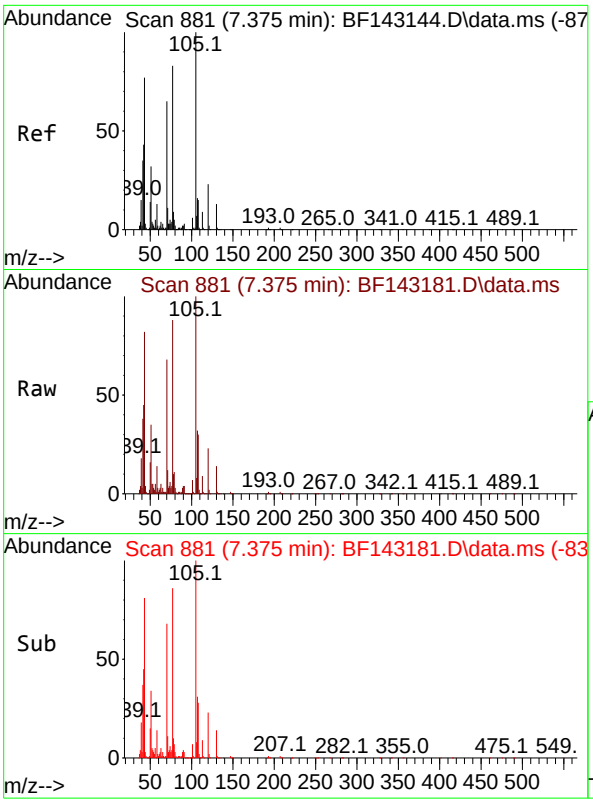



#18
Hexachloroethane
Concen: 42.489 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:117 Resp: 145589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 77.8 | 116.8 |
| 201 | 93.3 | 77.0 | 115.4 |

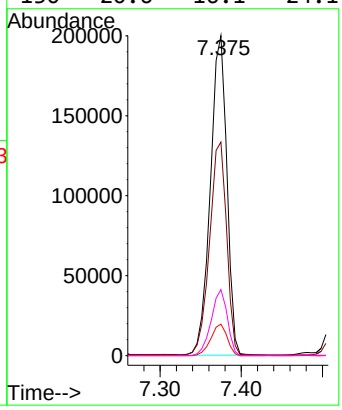





#19
n-Nitroso-di-n-propylamine
Concen: 40.484 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 70 Resp: 28218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.8 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.6 | 16.1 | 24.1 |




**Instrument :**
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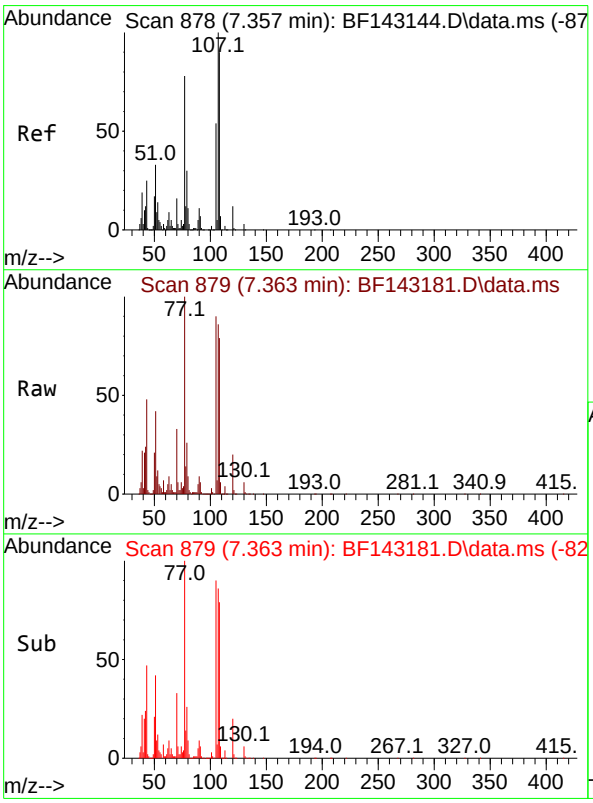
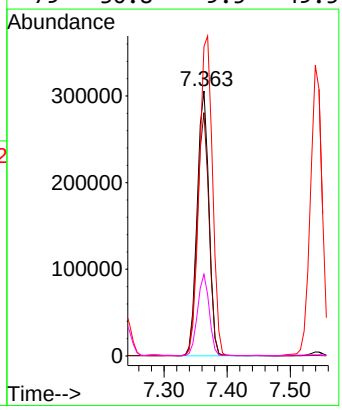
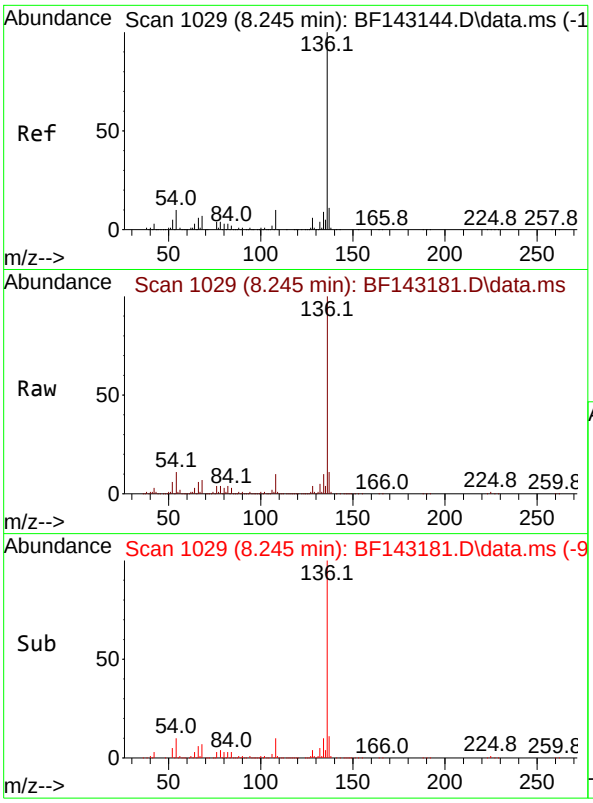



#20
3+4-Methylphenols
Concen: 42.952 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 396436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.8 | 70.0 | 110.0 |
| 77 | 116.7 | 57.8 | 97.8# |
| 79 | 30.8 | 9.5 | 49.5 |

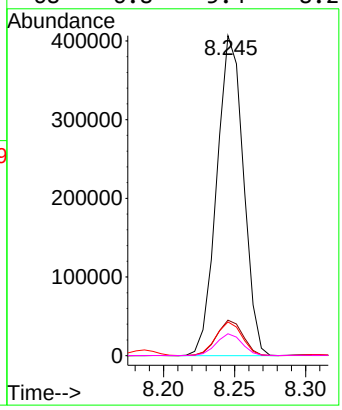





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:136 Resp: 52976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |




**Instrument :**
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**ClientSampleId :**
RT2286MSD

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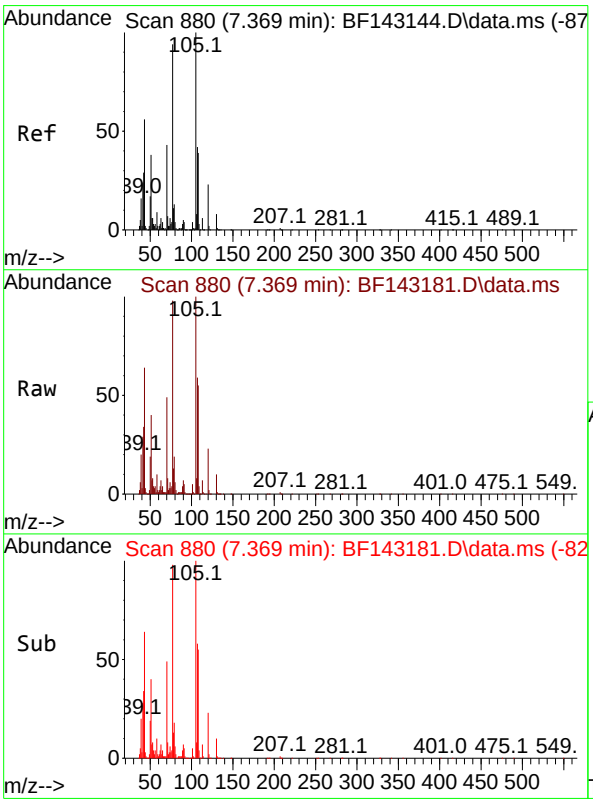
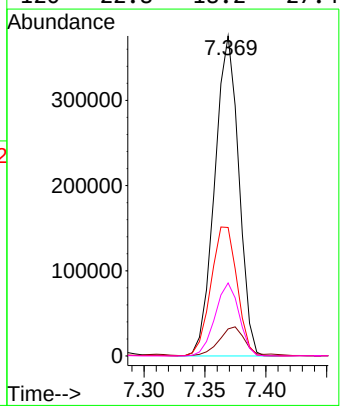
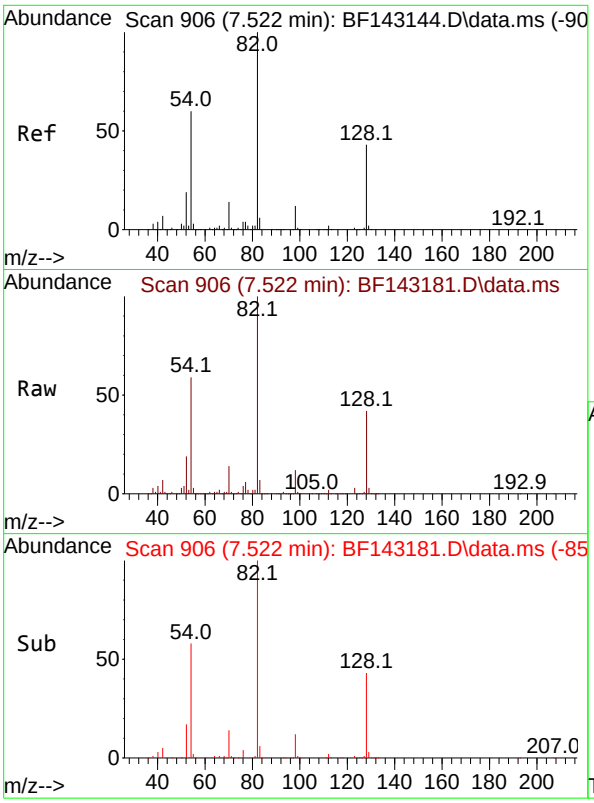



#22
Acetophenone
Concen: 41.311 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:105 Resp: 518130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.5 | 5.8 | 8.6 |
| 51 | 40.1 | 30.2 | 45.2 |
| 120 | 22.8 | 18.2 | 27.4 |






#23
Nitrobenzene-d5
Concen: 57.720 ng
RT: 7.522 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 82 Resp: 61343(

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.5 | 33.6 | 50.4 |
| 54 | 59.2 | 47.1 | 70.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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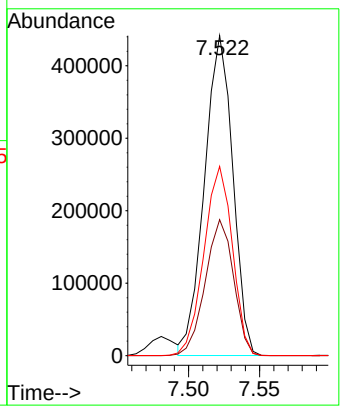
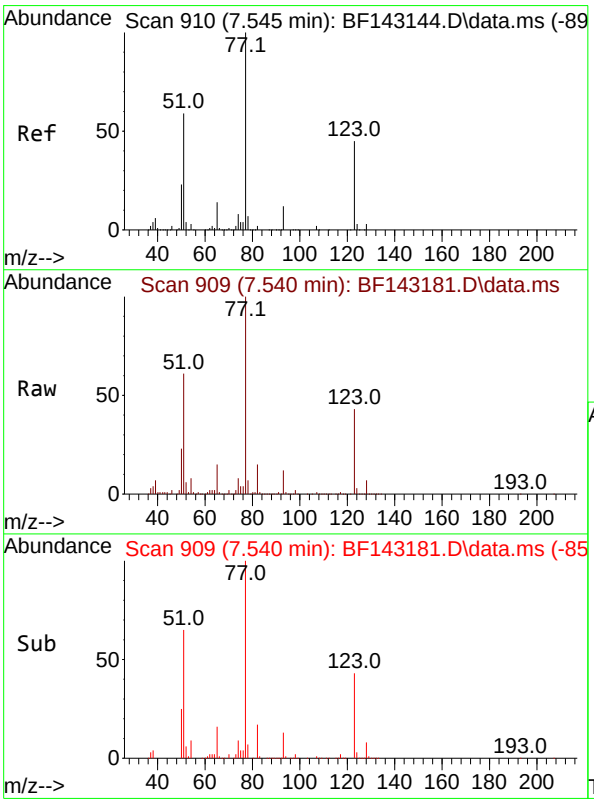
Supervised By :Jagrut Upadhyay 07/23/2025

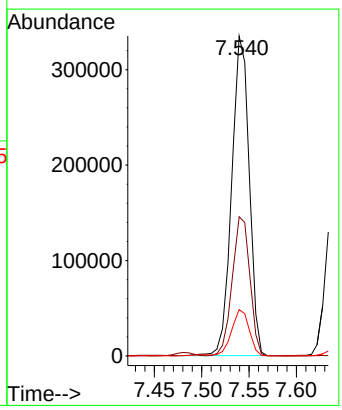


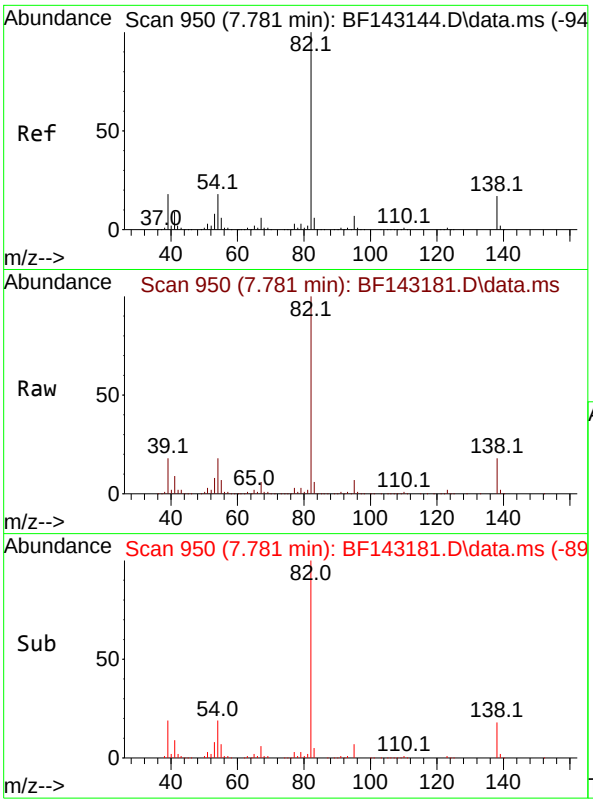




#24
Nitrobenzene
Concen: 43.395 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 429974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.5 | 11.4 | 17.2 |

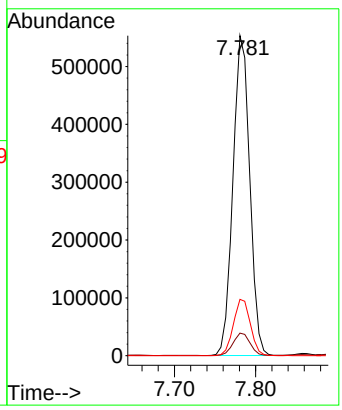





#25
Isophorone
Concen: 42.282 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 82 Resp: 79327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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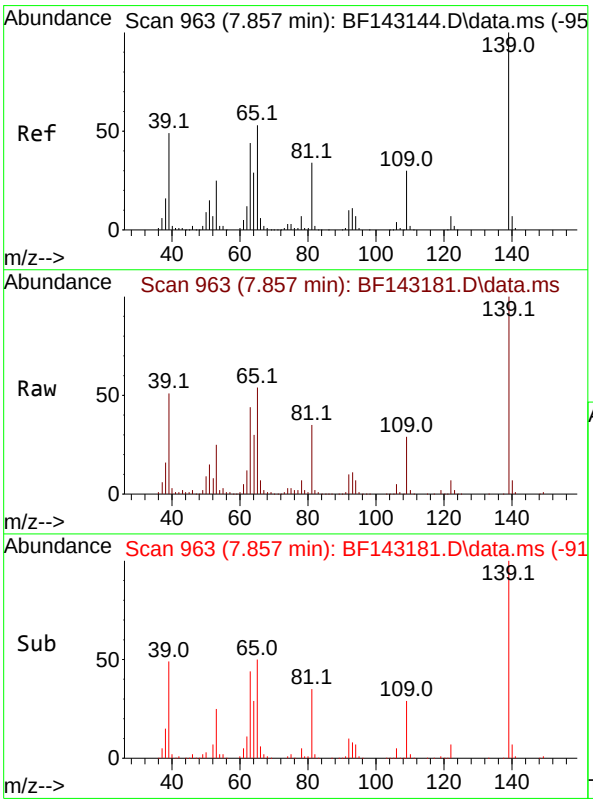
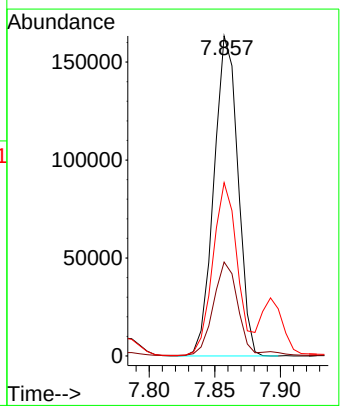
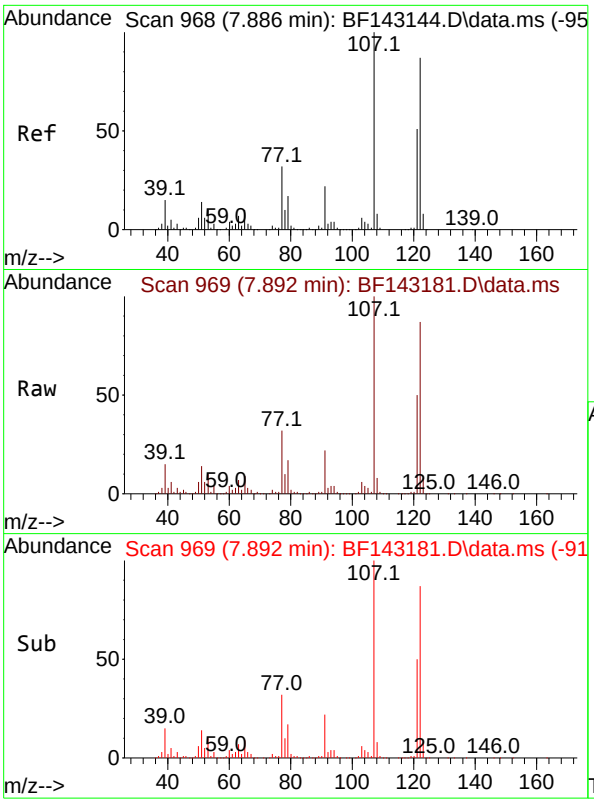



#26
2-Nitrophenol
Concen: 48.321 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 207791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.3 | 23.6 | 35.4 |
| 65 | 54.2 | 42.6 | 64.0 |

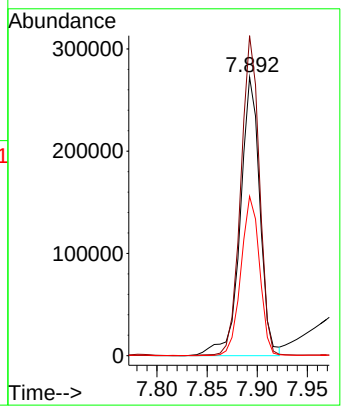





#27
2,4-Dimethylphenol
Concen: 42.358 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 37128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.9 | 91.8 | 137.6 |
| 121 | 57.2 | 46.3 | 69.5 |

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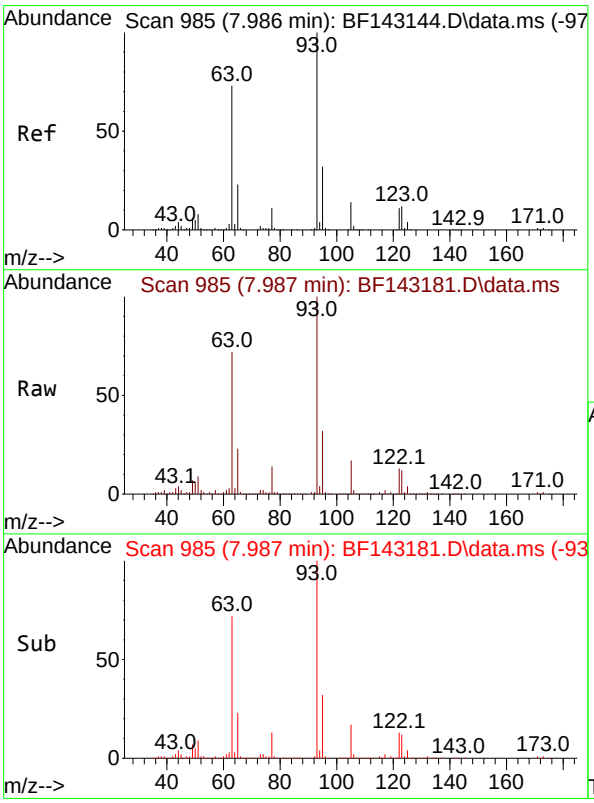
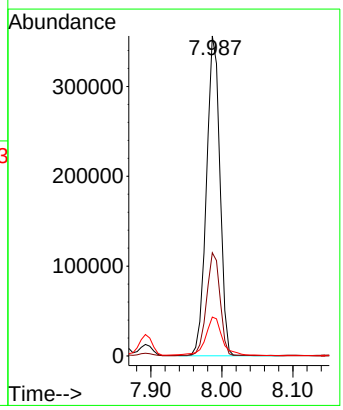
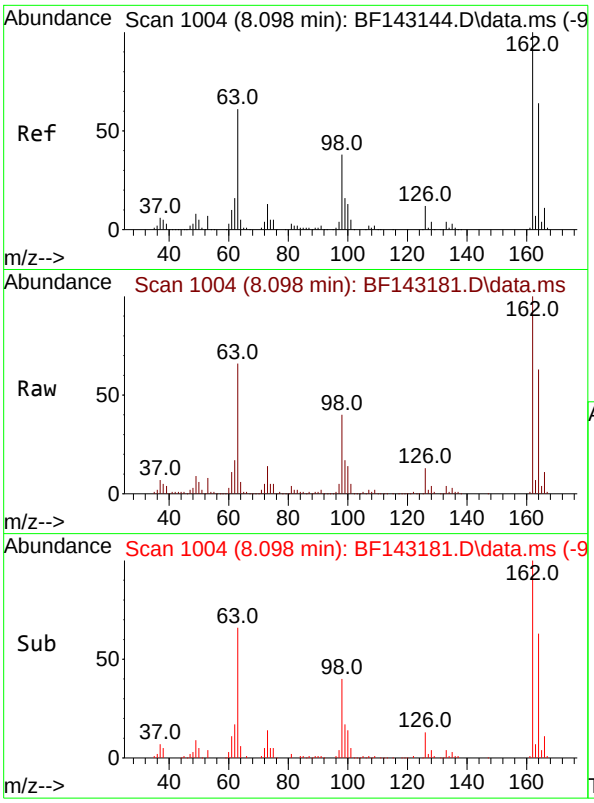



#28
bis(2-Chloroethoxy)methane
Concen: 41.702 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 469100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |






#29
2,4-Dichlorophenol
Concen: 42.863 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:162 Resp: 31685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 44.2 | 84.2 |
| 98 | 40.4 | 17.9 | 57.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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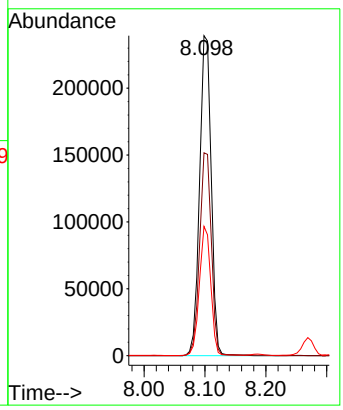
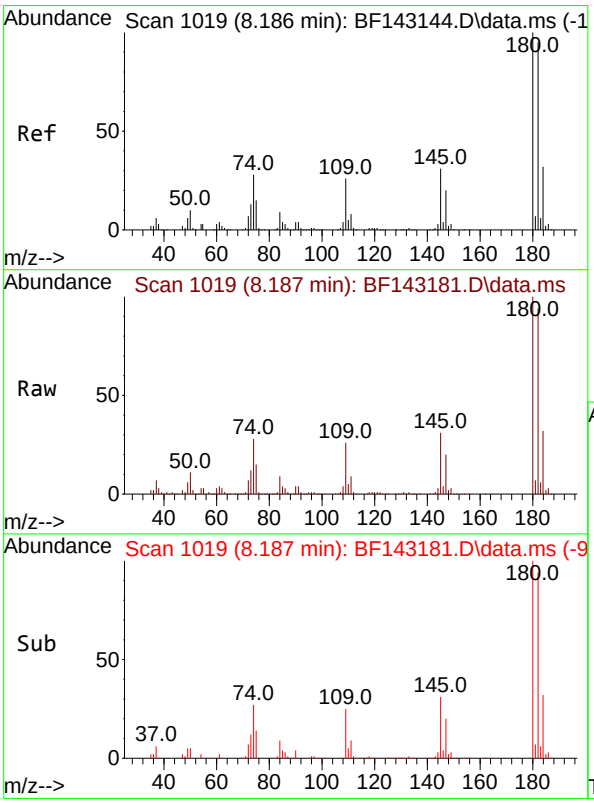
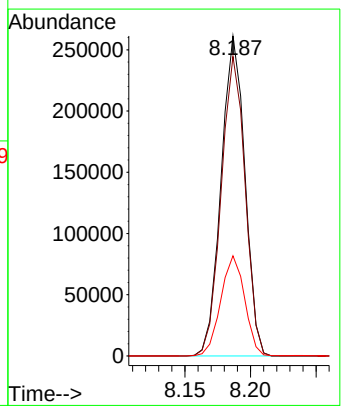


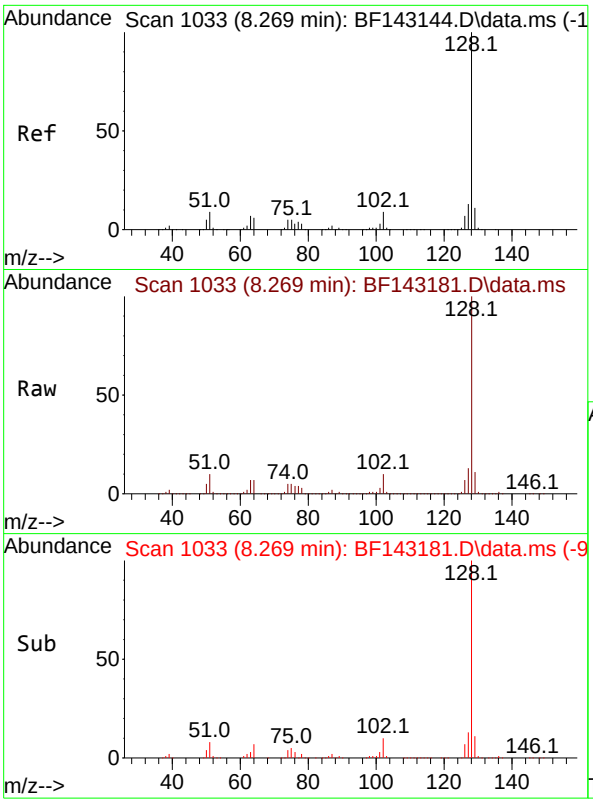




#30
1,2,4-Trichlorobenzene
Concen: 41.232 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:180 Resp: 329282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 76.2 | 114.2 |
| 145 | 31.3 | 25.0 | 37.6 |

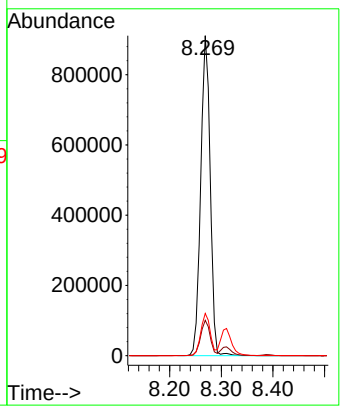





#31
Naphthalene
Concen: 44.458 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 115991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.2 | 10.6 | 16.0 |




**Instrument :**
BNA_F
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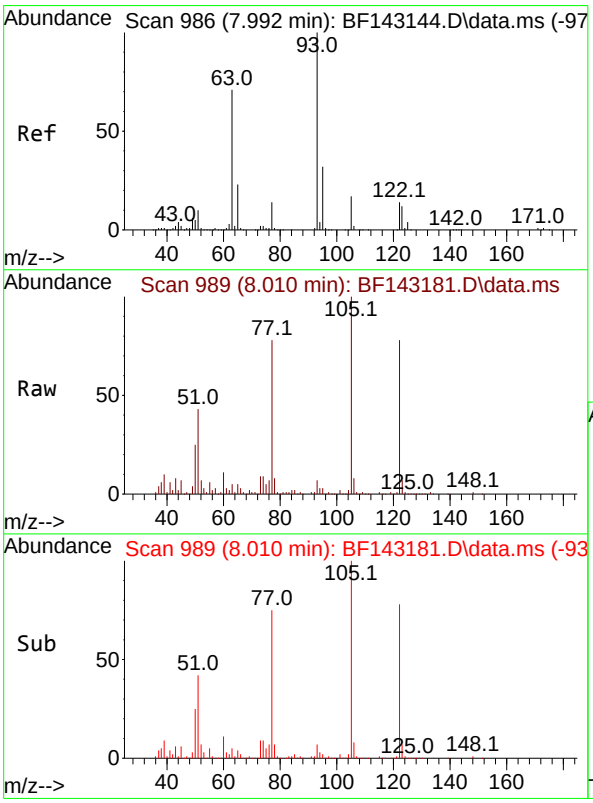
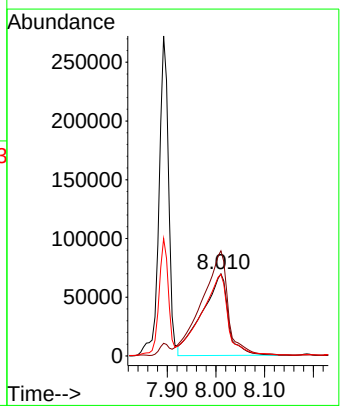
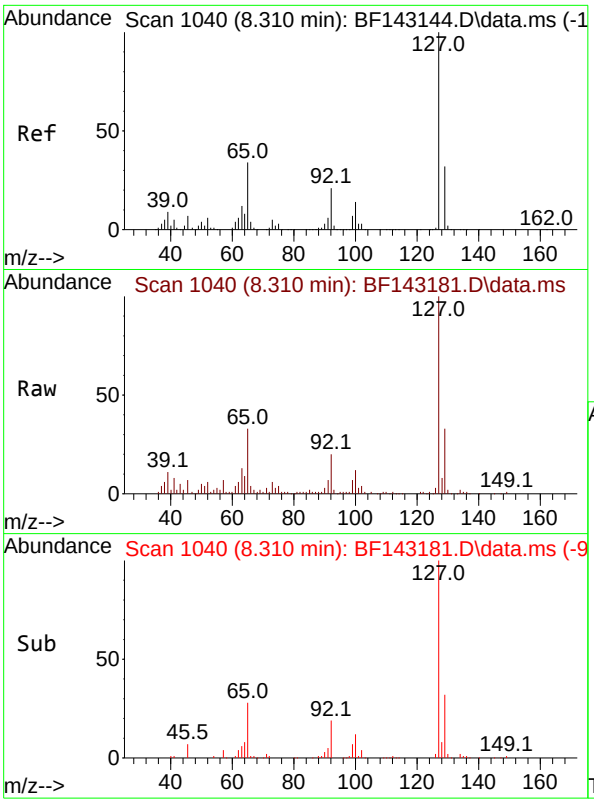



#32
Benzoic acid
Concen: 52.195 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 260227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.1 | 104.8 | 144.8 |
| 77 | 99.6 | 77.6 | 117.6 |

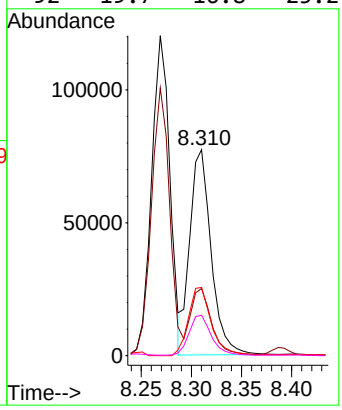





#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:127 Resp: 11489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 33.1 | 27.4 | 41.2 |
| 92 | 19.7 | 16.8 | 25.2 |




**Instrument :**
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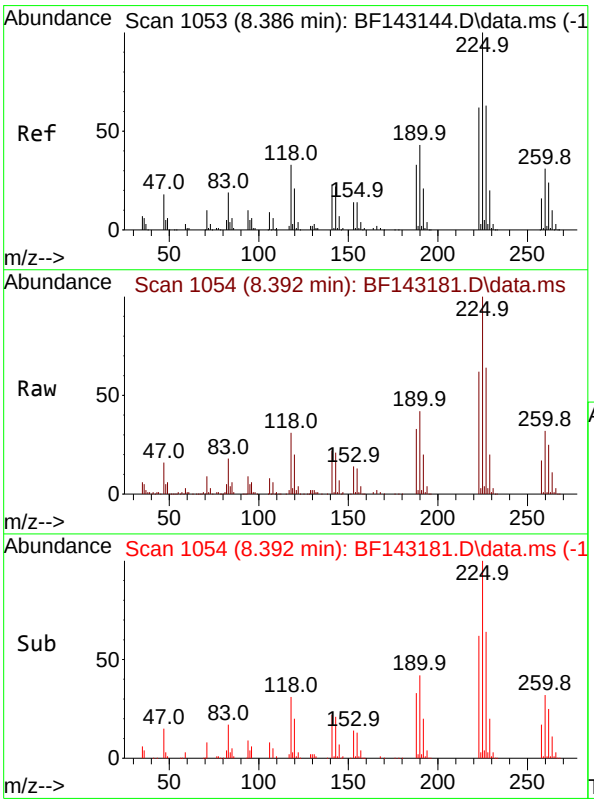
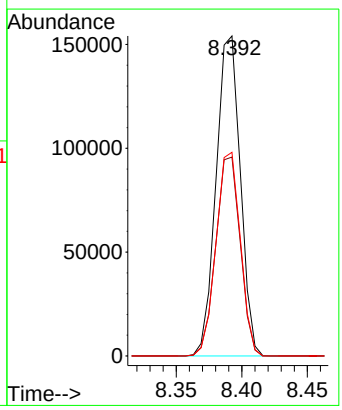
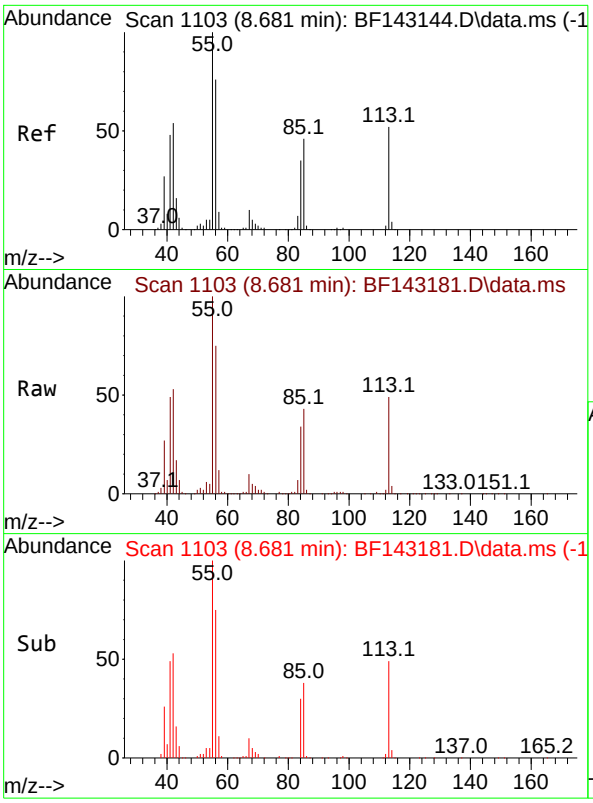



#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:225 Resp: 197888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |






#35
Caprolactam
Concen: 51.232 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:113 Resp: 11444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 204.6 | 174.0 | 214.0 |
| 56 | 153.2 | 126.6 | 166.6 |

**Instrument :**
BNA_F
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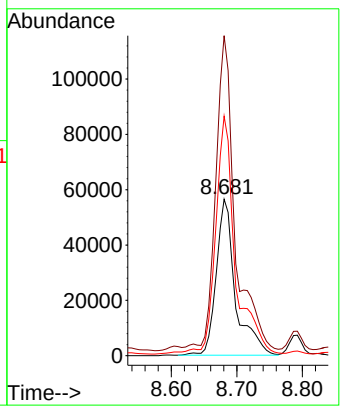
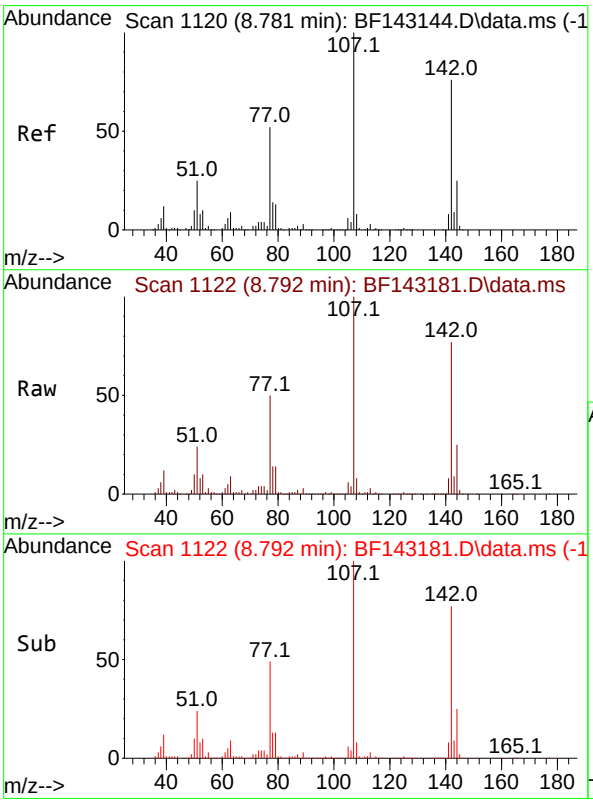
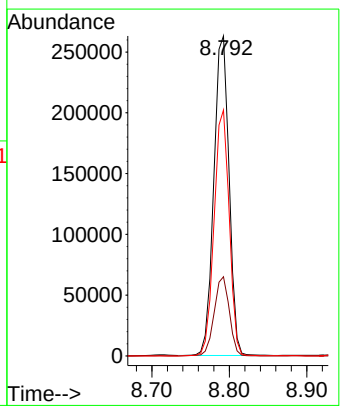


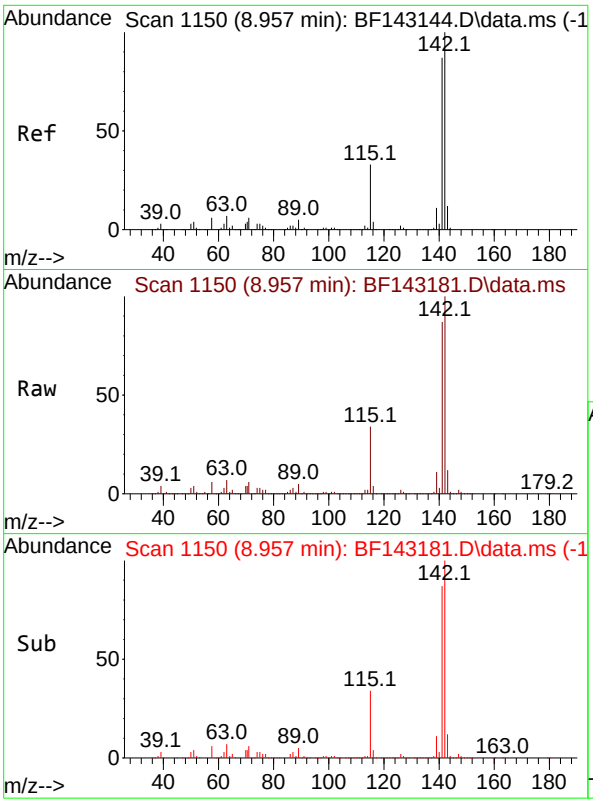




#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 358269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |

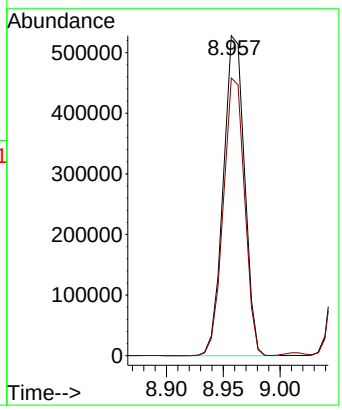





#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 68631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 69.9 | 104.9 |




**Instrument :**
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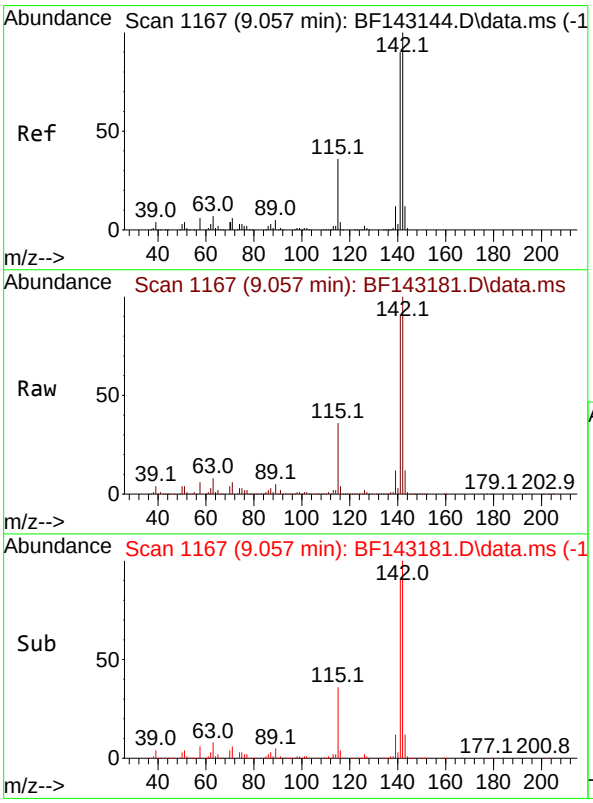
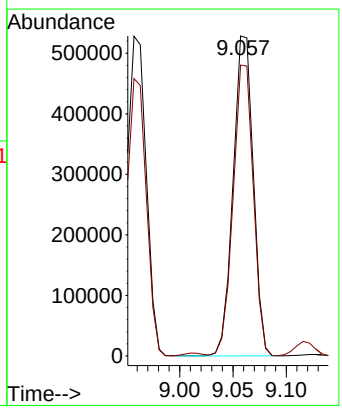
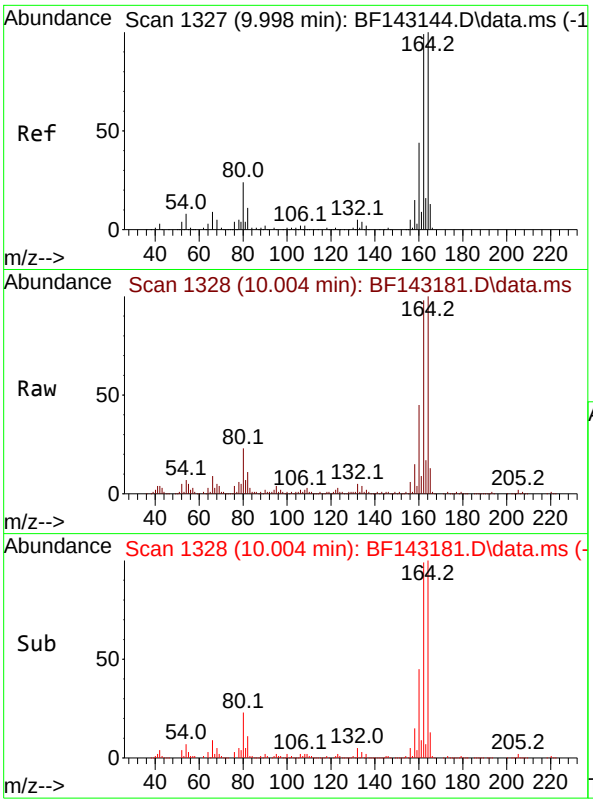



#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 697758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 72.3 | 108.5 |

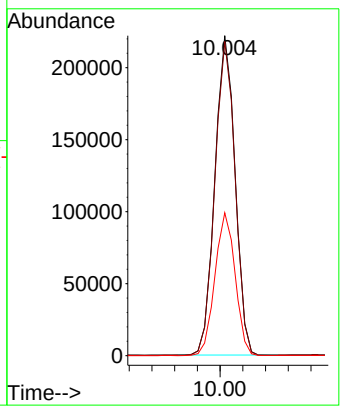





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:164 Resp: 27446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.2 | 79.0 | 118.6 |
| 160 | 44.7 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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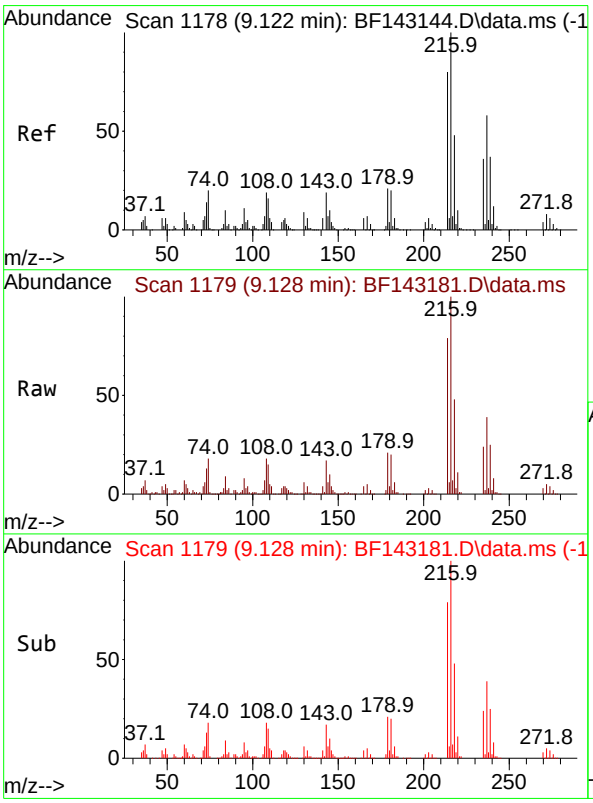
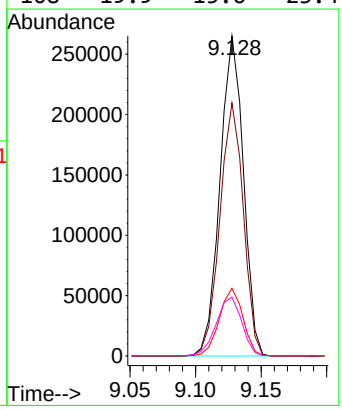
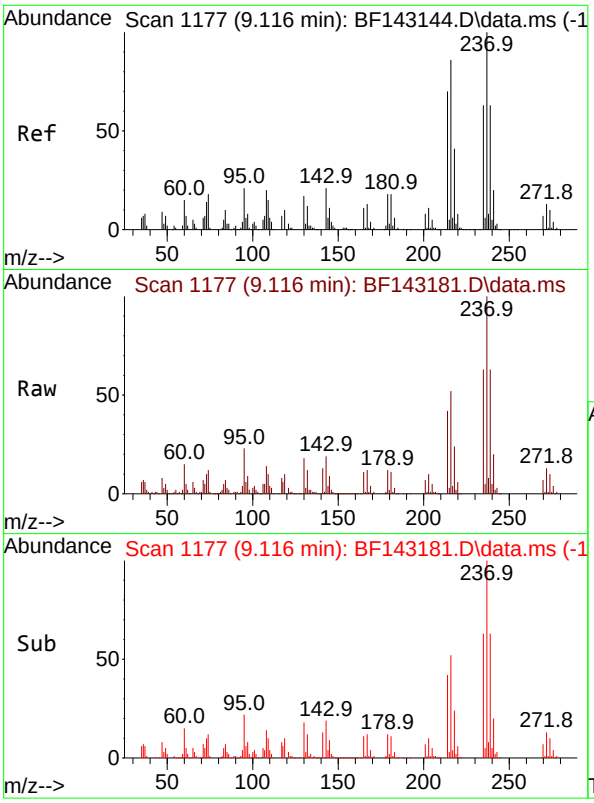



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.506 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:216 Resp: 328897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 63.8 | 95.8 |
| 179 | 21.2 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |

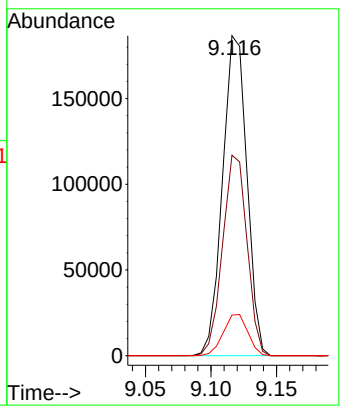





#41
Hexachlorocyclopentadiene
Concen: 46.829 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:237 Resp: 24144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.6 | 43.0 | 83.0 |
| 272 | 12.7 | 0.0 | 33.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
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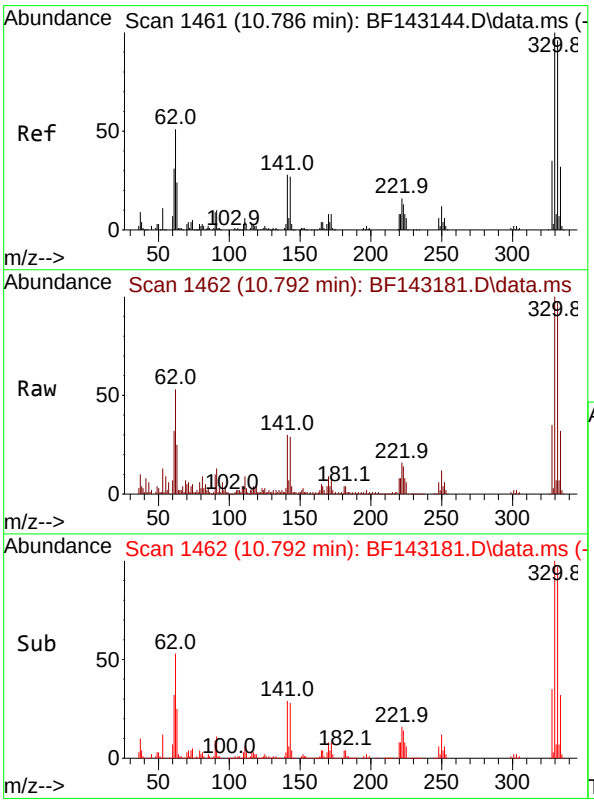
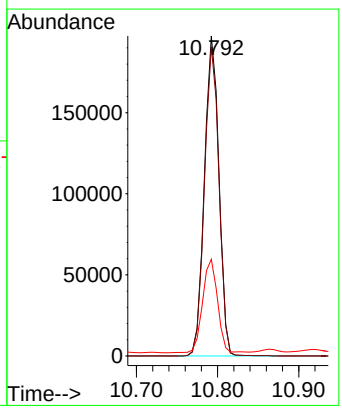
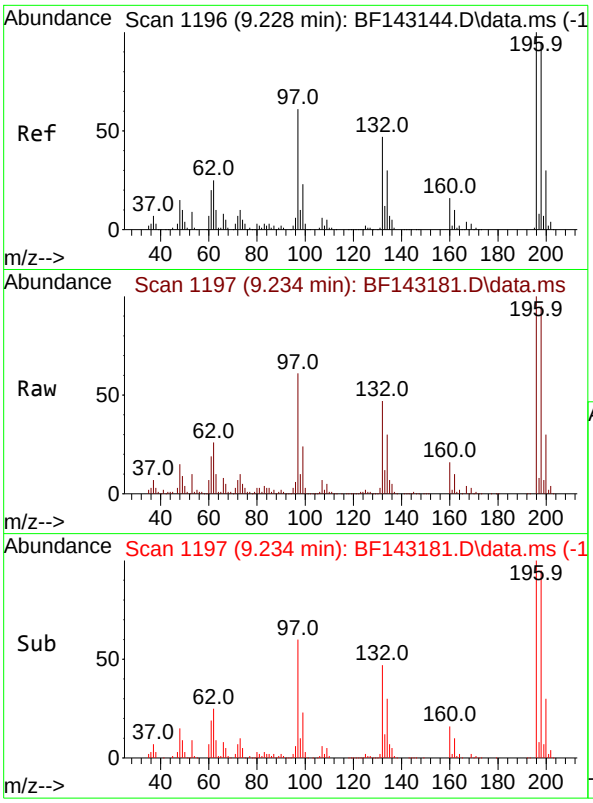



#42
2,4,6-Tribromophenol
Concen: 86.354 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:330 Resp: 244844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.7 | 115.1 |
| 141 | 29.8 | 23.3 | 34.9 |

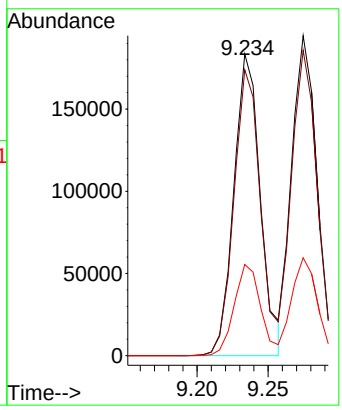





#43
2,4,6-Trichlorophenol
Concen: 43.470 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 23839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 76.2 | 114.2 |
| 200 | 30.2 | 23.9 | 35.9 |




**Instrument :**
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**ClientSampleId :**
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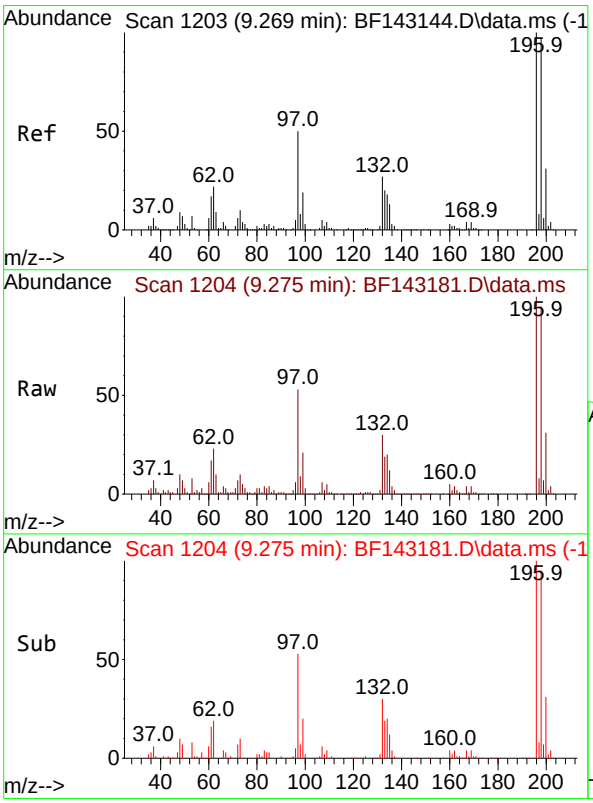
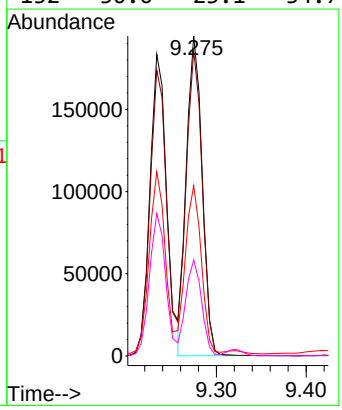
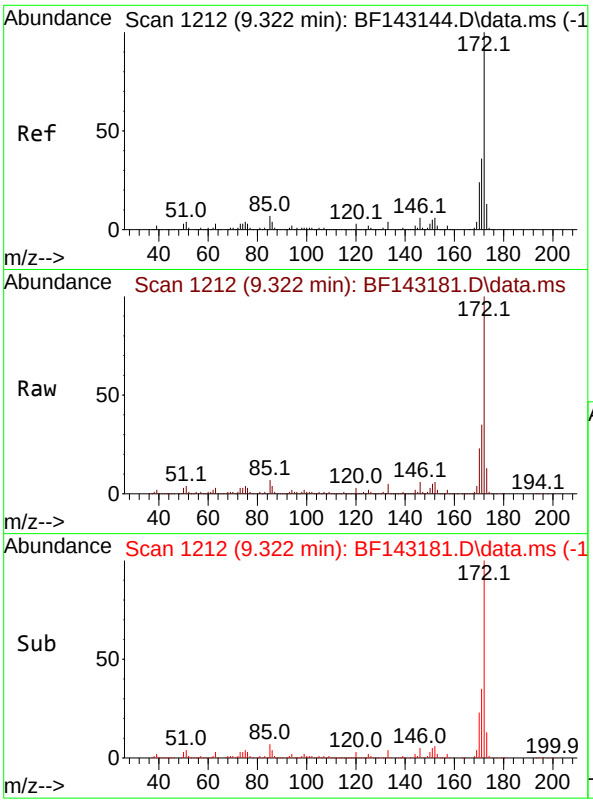



#44
2,4,5-Trichlorophenol
Concen: 43.512 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 238695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 77.3 | 115.9 |
| 97 | 53.2 | 40.3 | 60.5 |
| 132 | 30.0 | 23.1 | 34.7 |

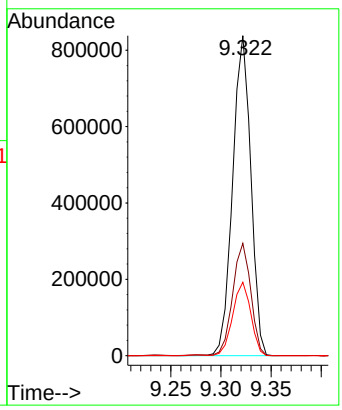





#45
2-Fluorobiphenyl
Concen: 52.801 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:172 Resp: 105963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.6 | 42.8 |
| 170 | 23.0 | 18.8 | 28.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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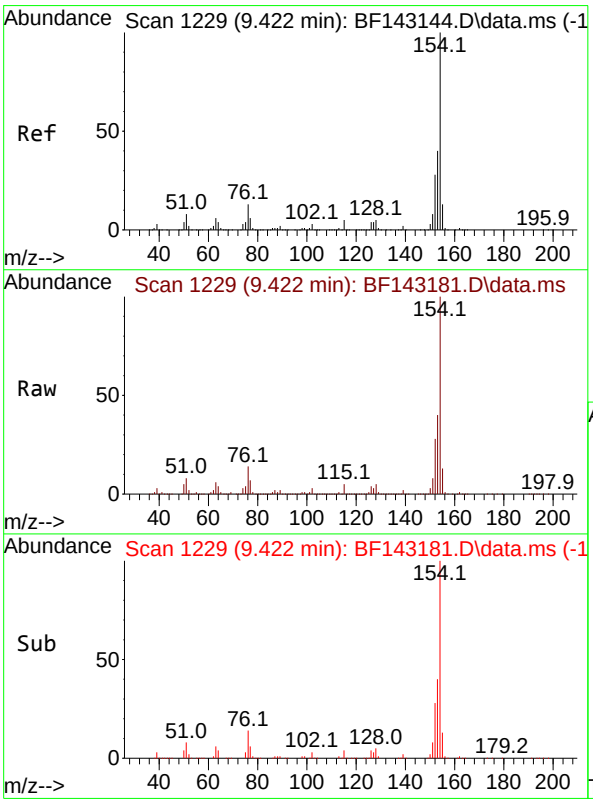
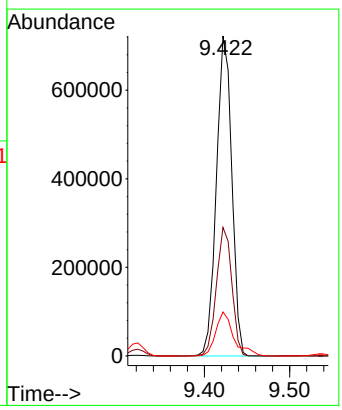
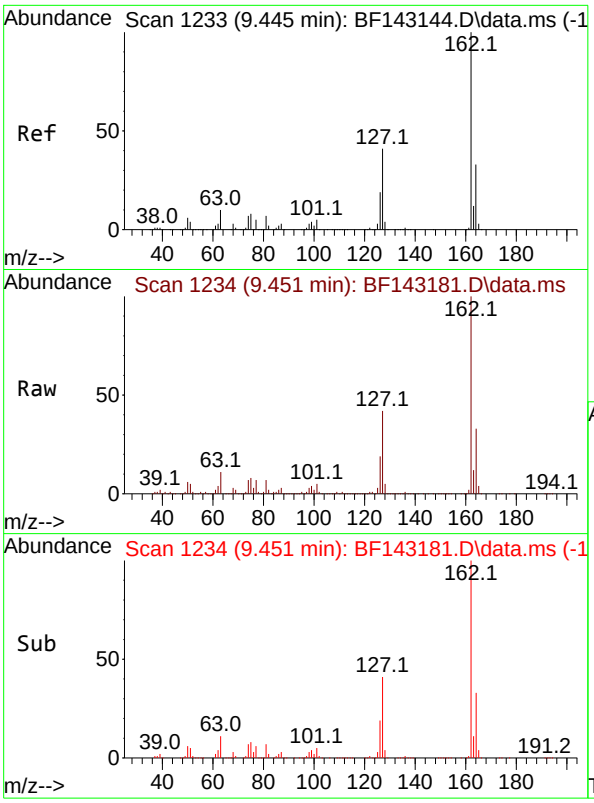



#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 906851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |

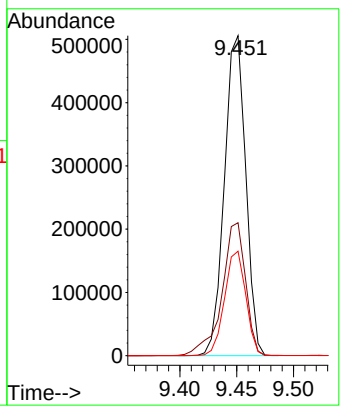





#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:162 Resp: 66158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
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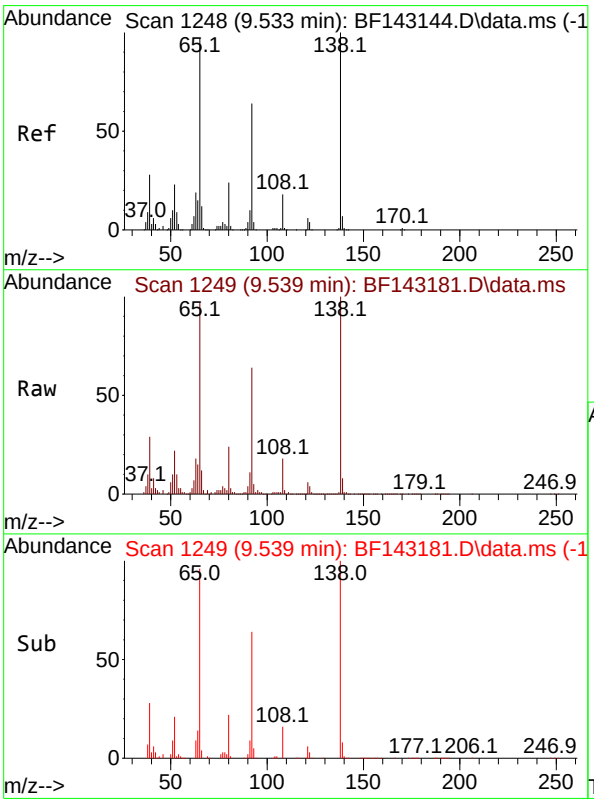
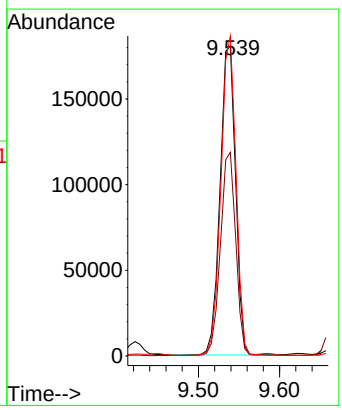
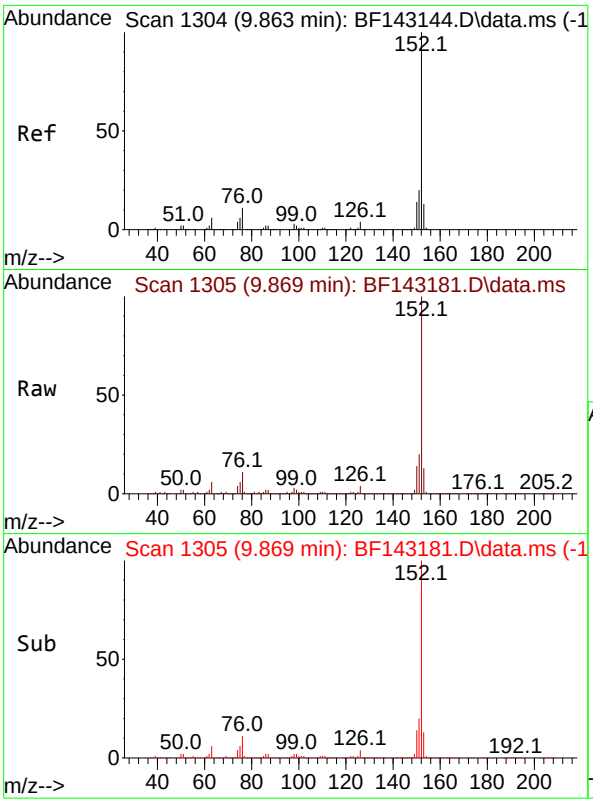



#48
2-Nitroaniline
Concen: 48.368 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 65 Resp: 240330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.7 | 52.4 | 78.6 |
| 138 | 103.3 | 82.3 | 123.5 |

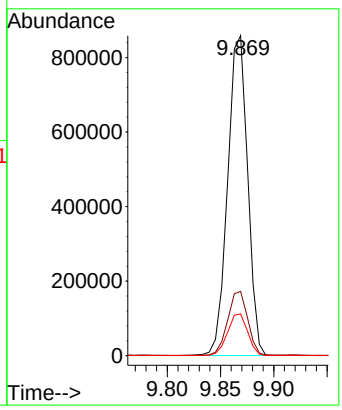





#49
Acenaphthylene
Concen: 42.250 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:152 Resp: 112186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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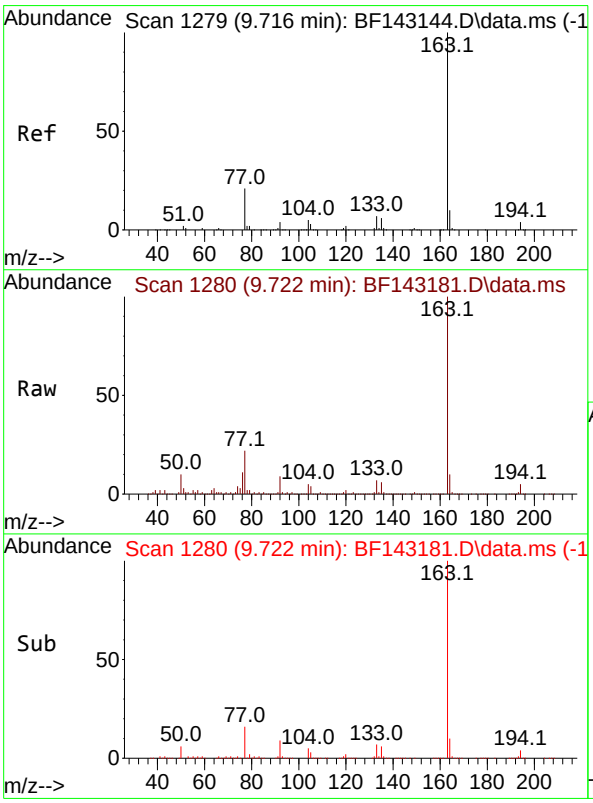
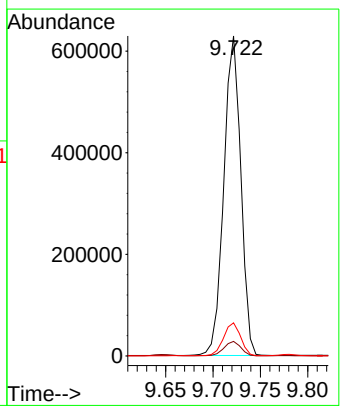
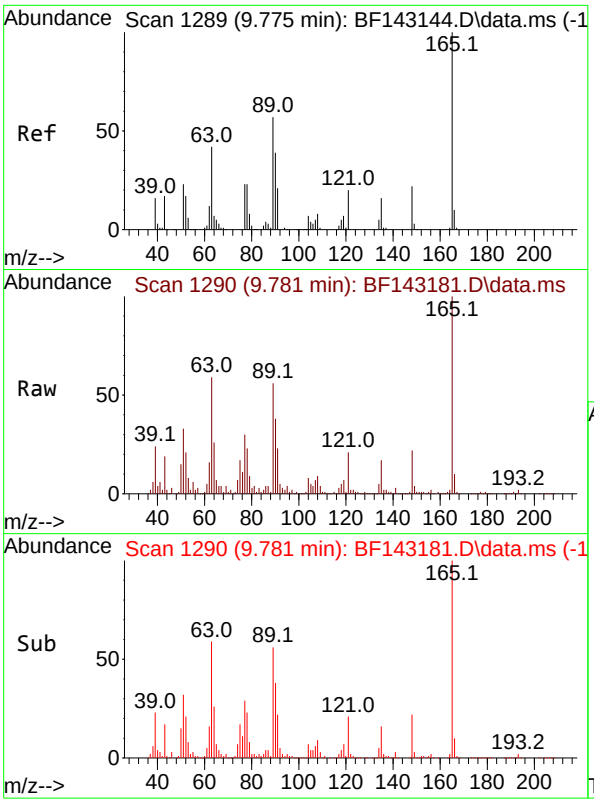



#50
Dimethylphthalate
Concen: 43.933 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:163 Resp: 785971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |






#51
2,6-Dinitrotoluene
Concen: 48.027 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:165 Resp: 17478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.3 | 49.4 | 74.2 |
| 89 | 55.8 | 46.2 | 69.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
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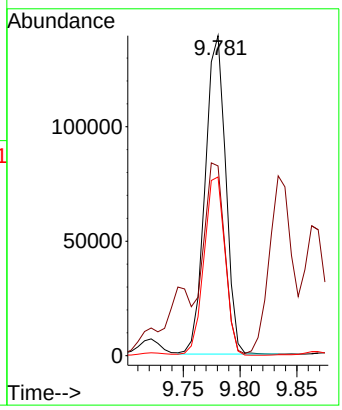
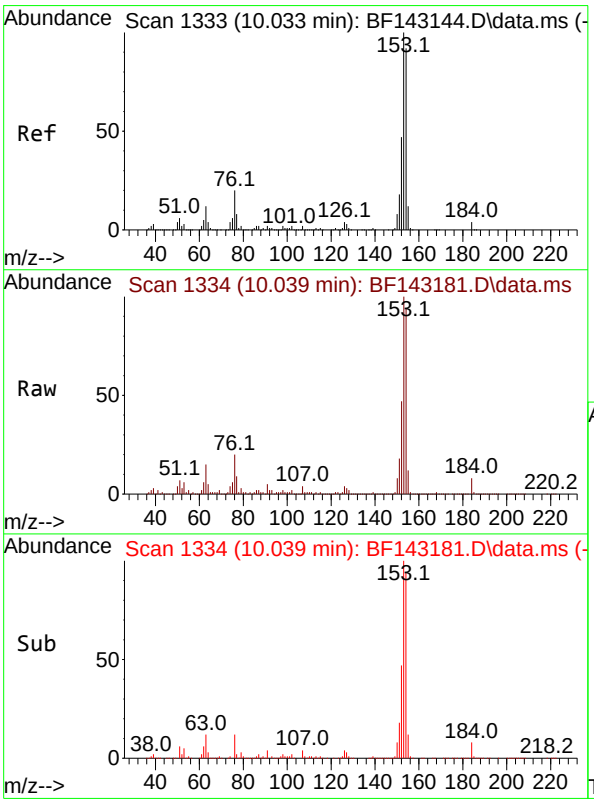
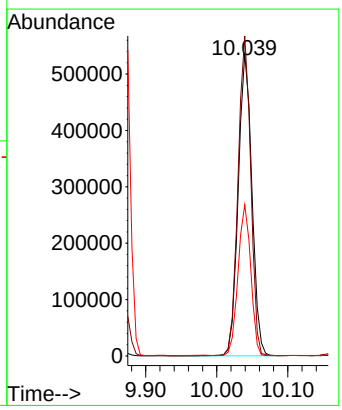


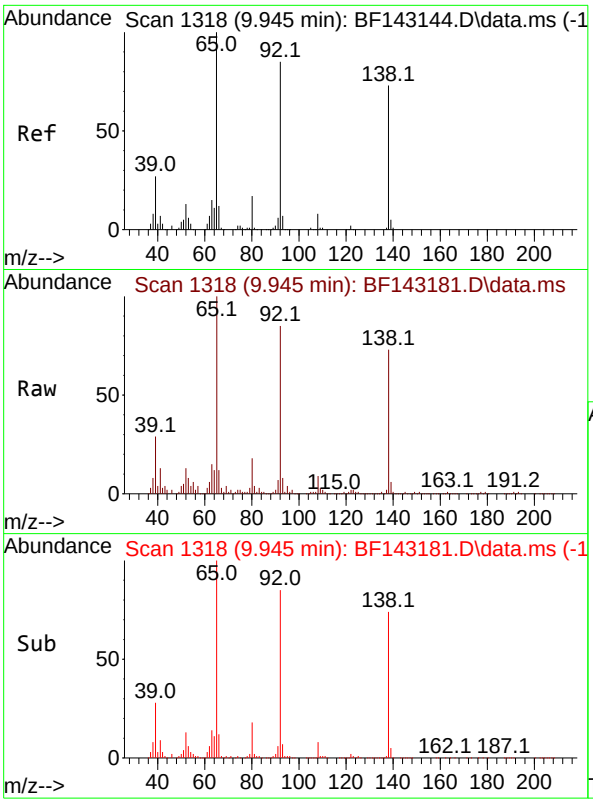




#52
Acenaphthene
Concen: 45.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 717249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.9 | 86.6 | 129.8 |
| 152 | 50.0 | 40.4 | 60.6 |






#53
3-Nitroaniline
Concen: 33.307 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:138 Resp: 14178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.0 | 9.0 | 13.6 |
| 92 | 115.4 | 93.0 | 139.4 |

**Instrument :**
BNA_F
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RT2286MSD

**Manual Integrations**
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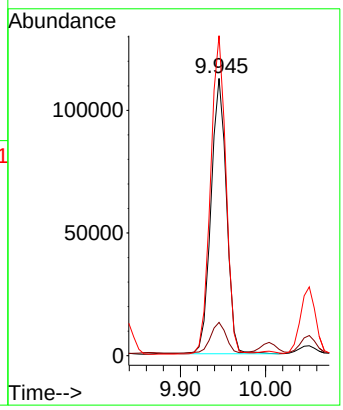
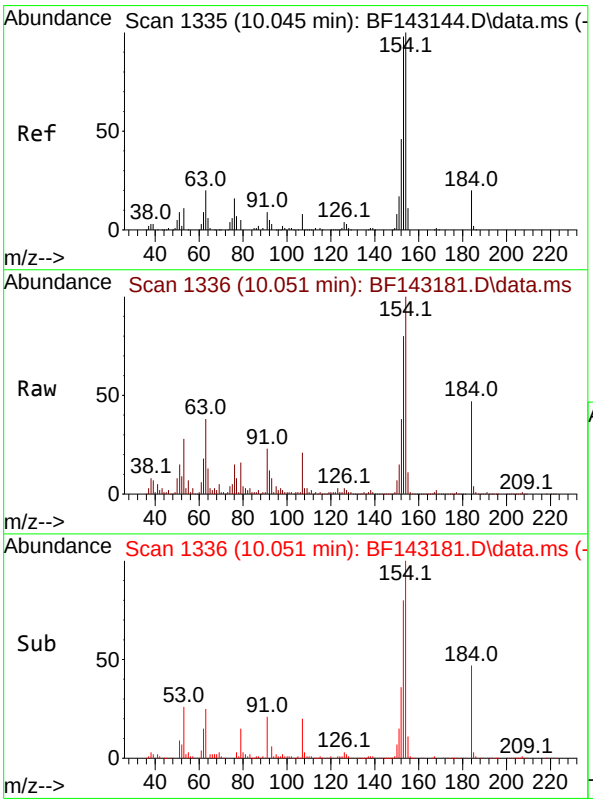
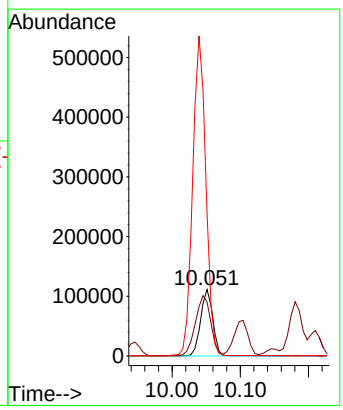


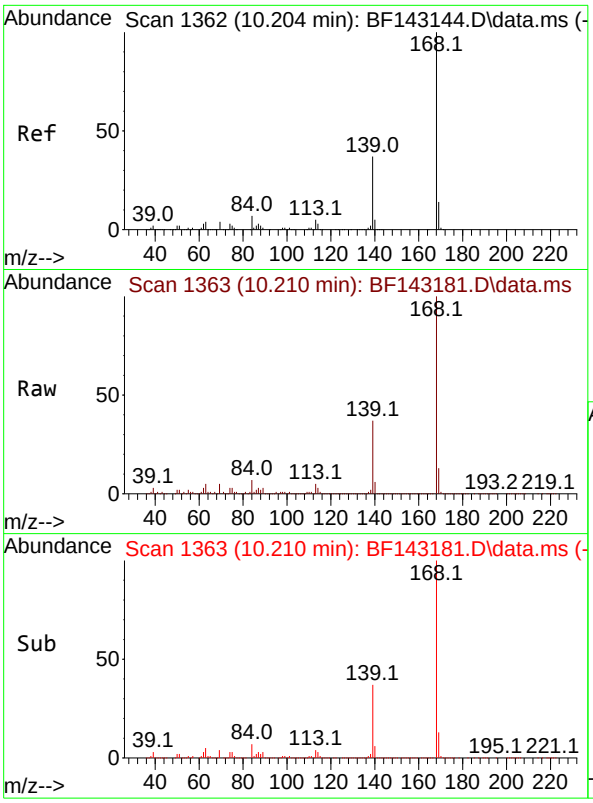




#54
2,4-Dinitrophenol
Concen: 83.480 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 138218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 81.4 | 81.8 | 122.6# |
| 154 | 214.4 | 412.2 | 618.4# |

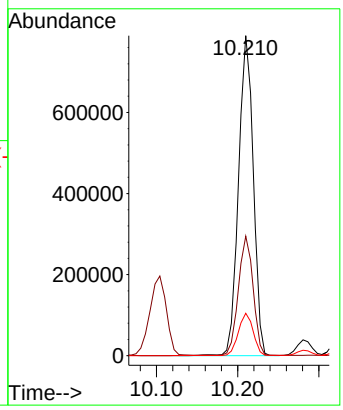





#55
Dibenzofuran
Concen: 42.608 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:168 Resp: 99279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.5 | 44.3 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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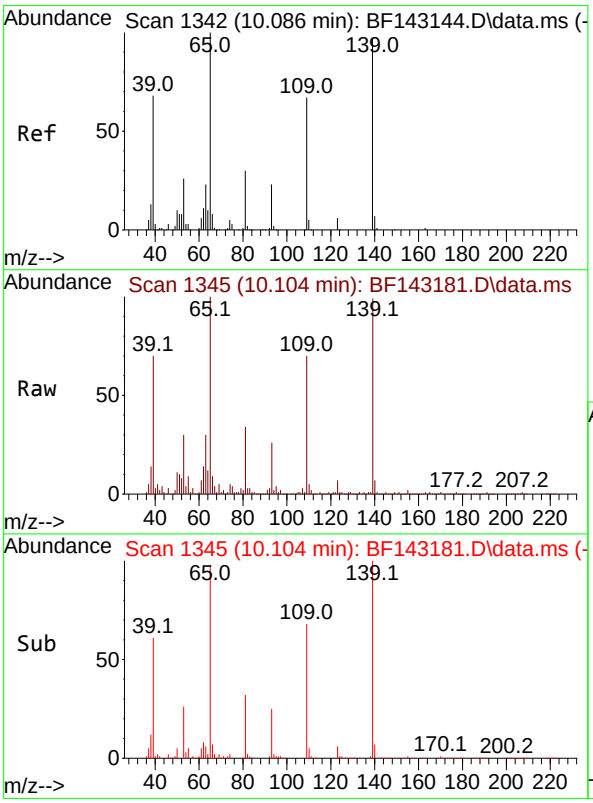
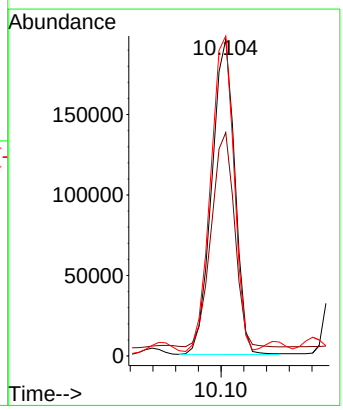
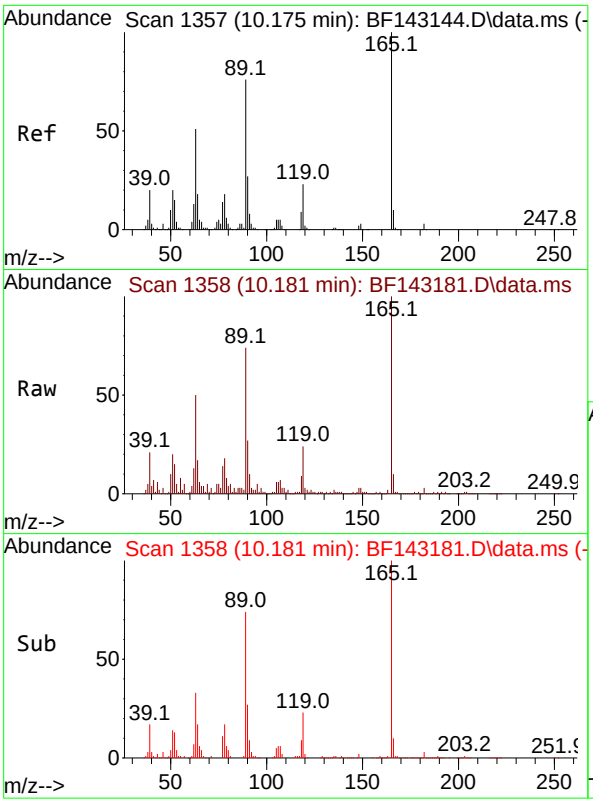



#56
4-Nitrophenol
Concen: 87.047 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 276705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.6 | 48.5 | 88.5 |
| 65 | 101.1 | 83.4 | 123.4 |

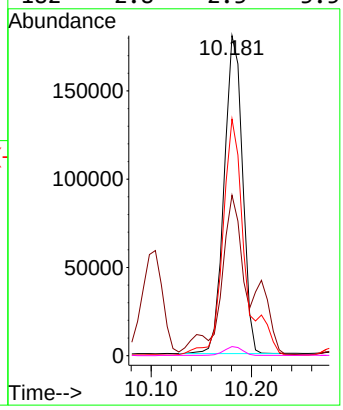





#57
2,4-Dinitrotoluene
Concen: 50.245 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:165 Resp: 22942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.2 | 41.0 | 61.4 |
| 89 | 73.9 | 61.1 | 91.7 |
| 182 | 2.8 | 2.3 | 3.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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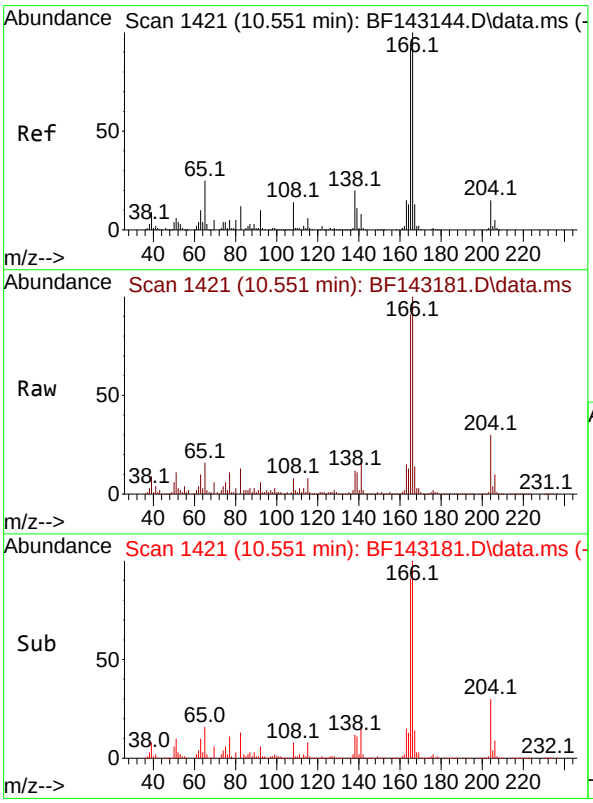
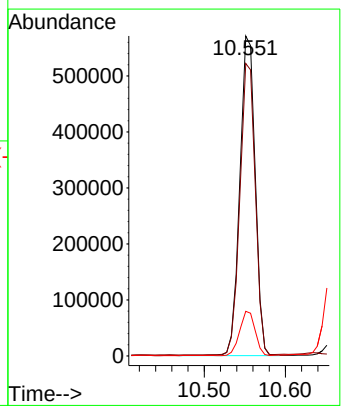
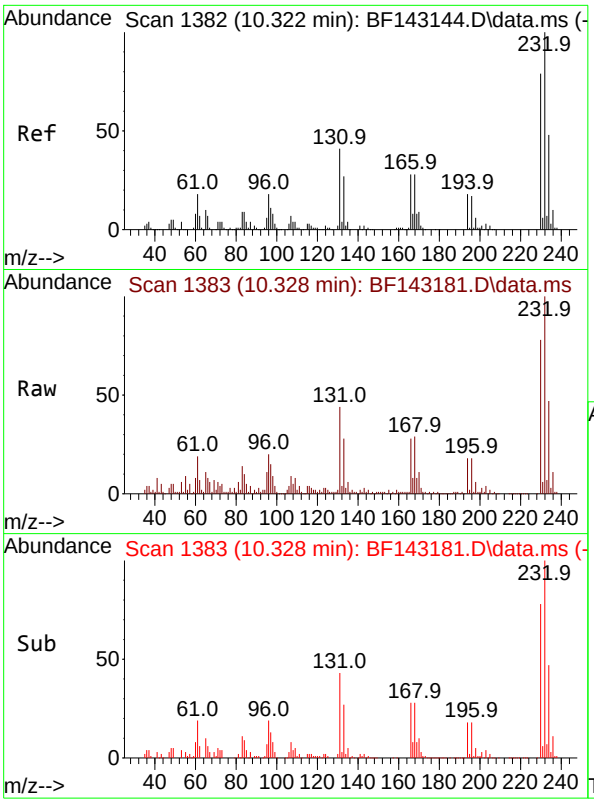



#58
Fluorene
Concen: 42.649 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:166 Resp: 745825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.4 | 73.7 | 110.5 |
| 167 | 14.0 | 10.6 | 16.0 |

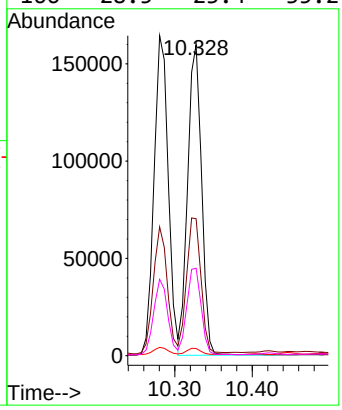





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.788 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:232 Resp: 19897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.4 | 35.3 | 52.9 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 28.5 | 23.4 | 35.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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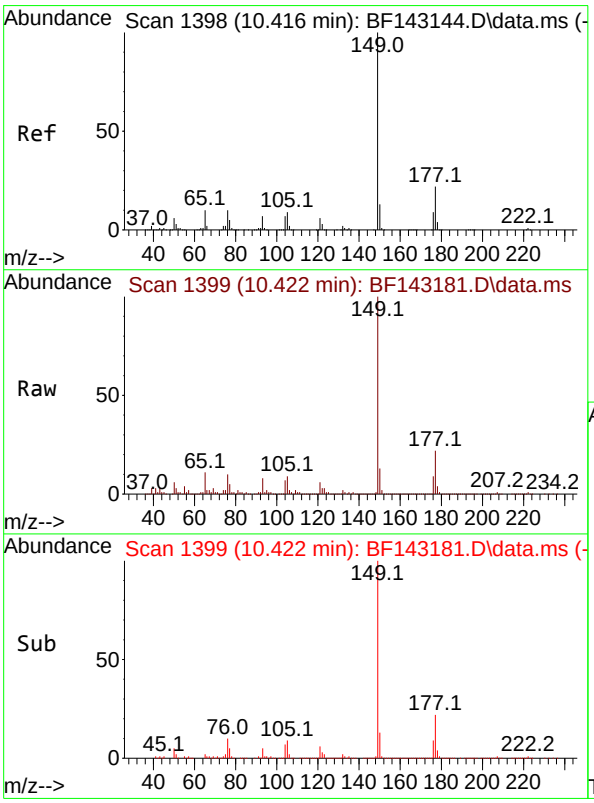
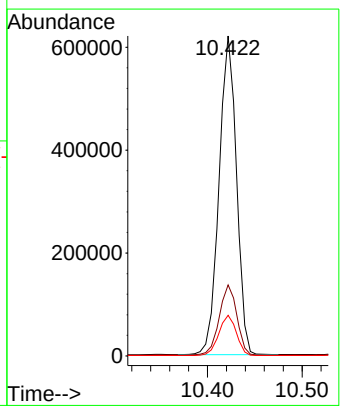
Supervised By :Jagrut Upadhyay 07/23/2025

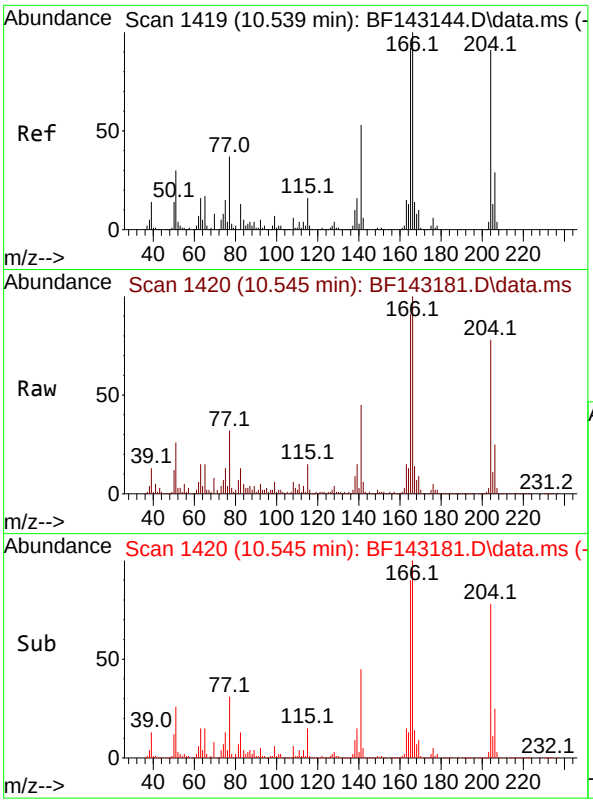



#60
Diethylphthalate
Concen: 44.896 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 793884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |

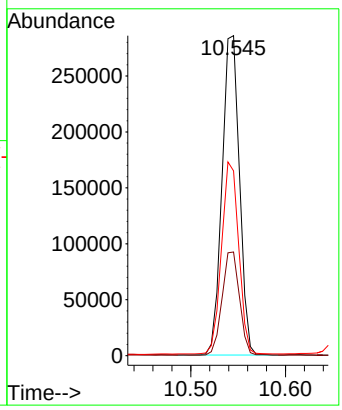





#61
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:204 Resp: 36501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 57.7 | 47.0 | 70.4 |




**Instrument :**
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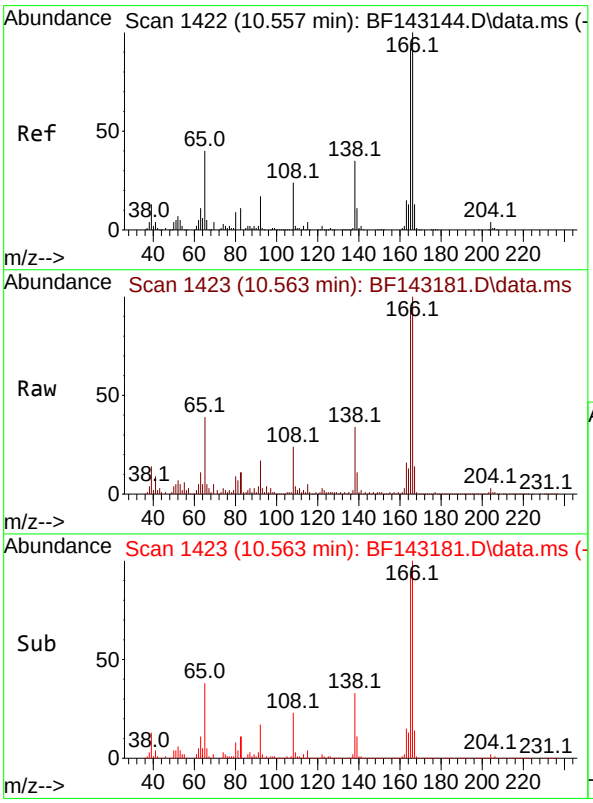
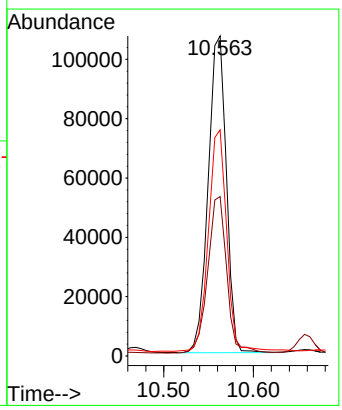
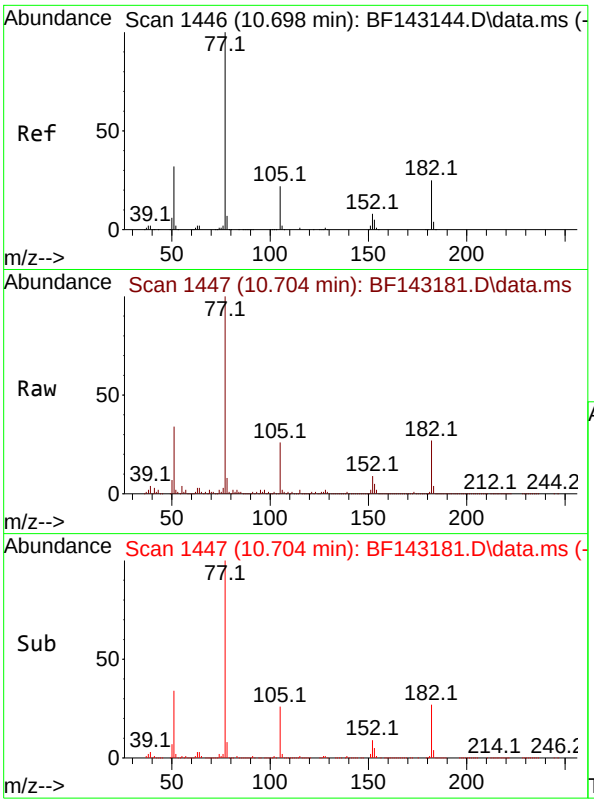



#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:138 Resp: 150125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.8 | 29.3 | 69.3 |
| 108 | 70.6 | 48.3 | 88.3 |

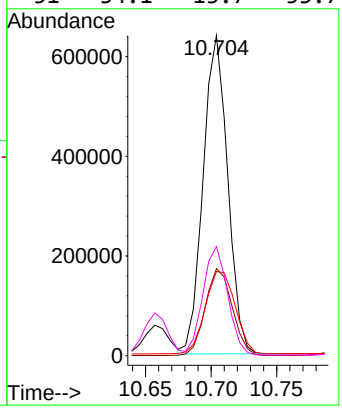





#63
Azobenzene
Concen: 45.166 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 83237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.2 | 4.6 | 44.6 |
| 105 | 26.3 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |




**Instrument :**
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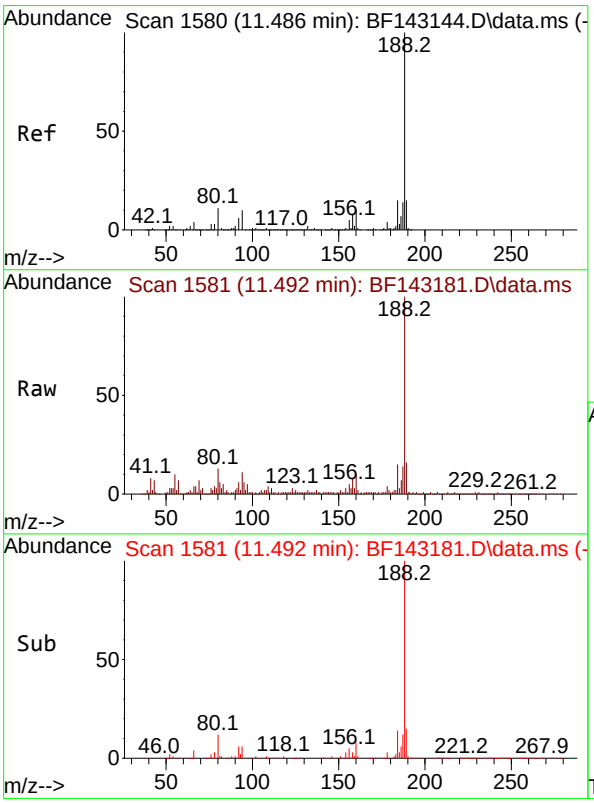
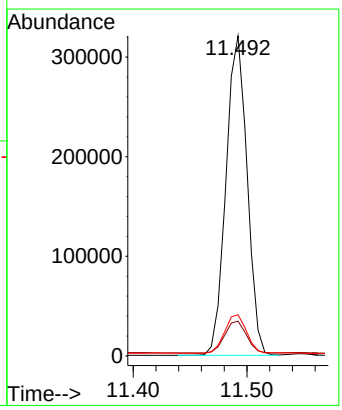
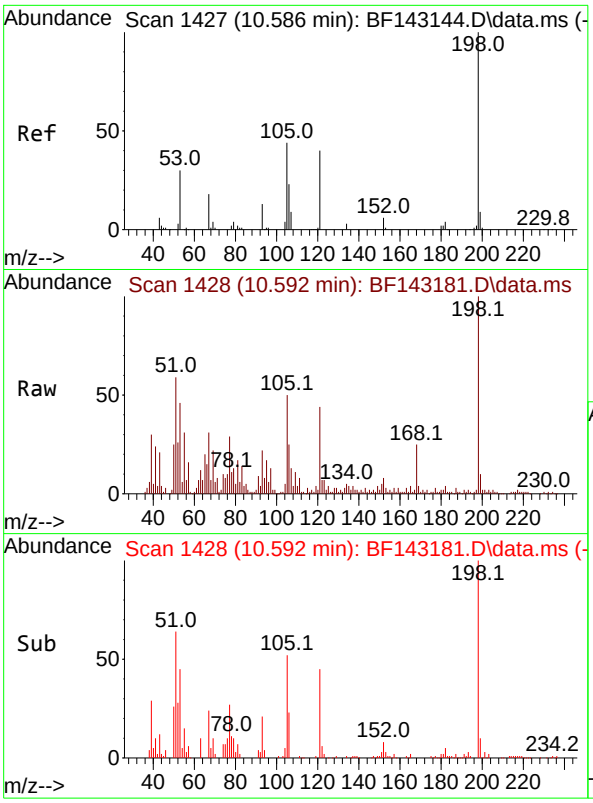



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:188 Resp: 414650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.3 | 12.5 |
| 80 | 12.9 | 9.0 | 13.6 |

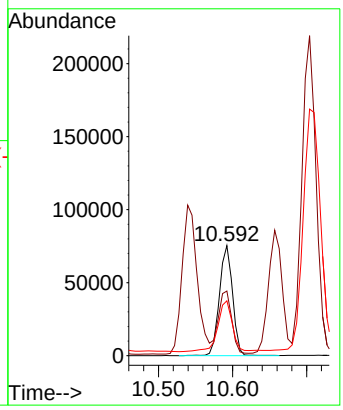





#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:198 Resp: 9318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.7 | 37.2 | 77.2 |
| 105 | 49.8 | 24.8 | 64.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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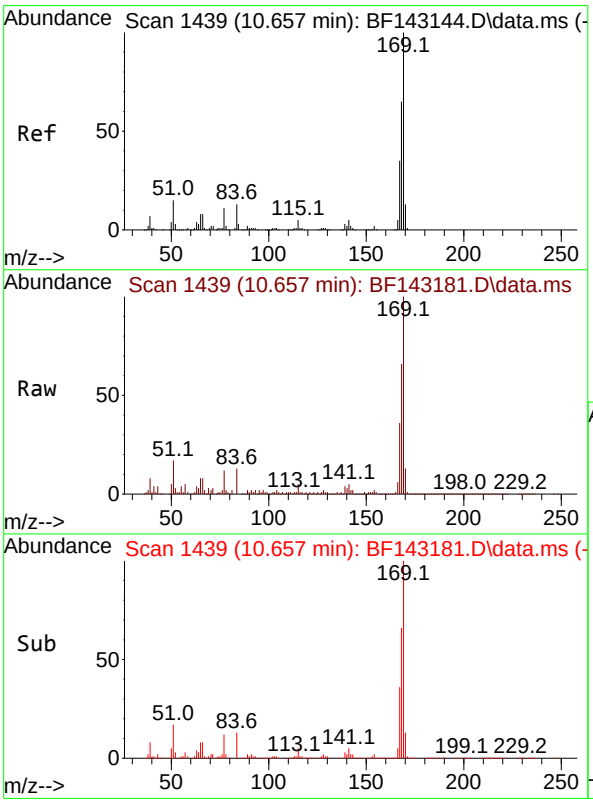
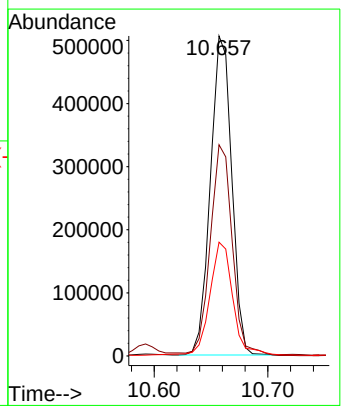
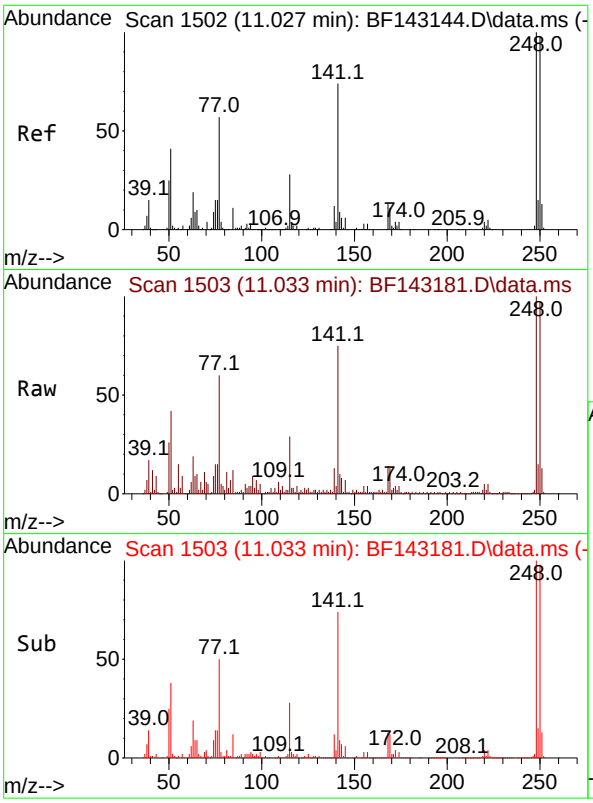



#66
n-Nitrosodiphenylamine
Concen: 45.125 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:169 Resp: 658874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.0 | 52.1 | 78.1 |
| 167 | 35.6 | 28.2 | 42.2 |

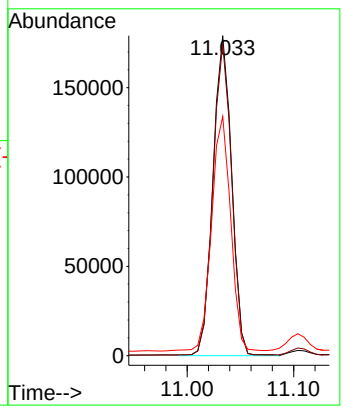





#67
4-Bromophenyl-phenylether
Concen: 44.351 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:248 Resp: 21916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 78.3 | 117.5 |
| 141 | 74.7 | 59.2 | 88.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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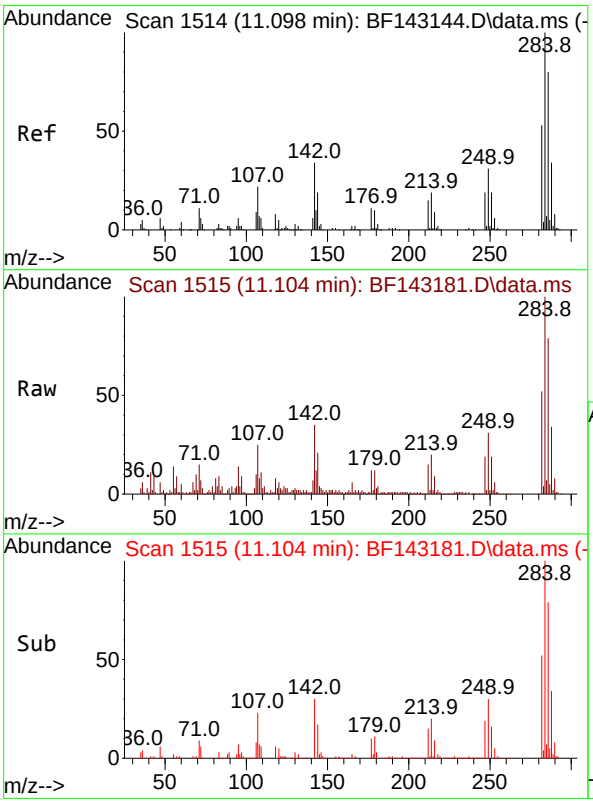
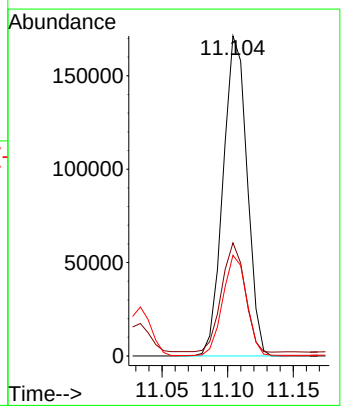
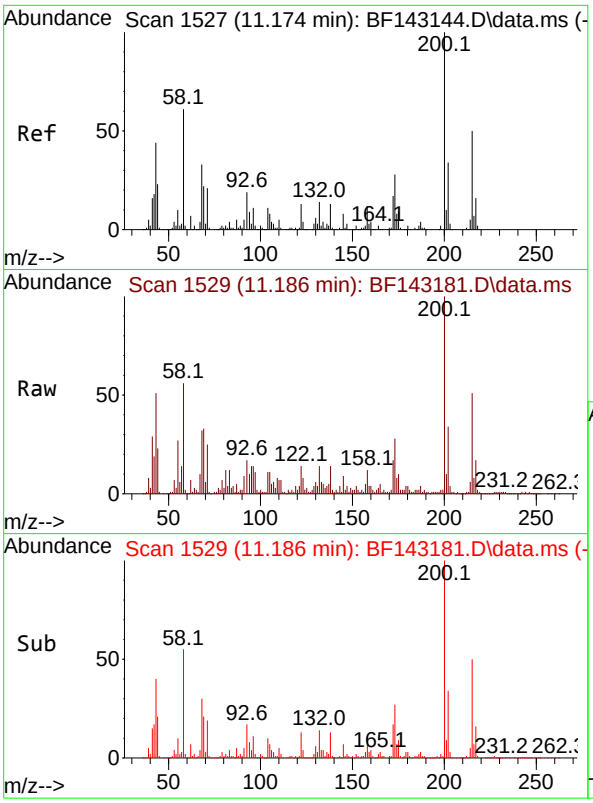



#68
Hexachlorobenzene
Concen: 42.143 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:284 Resp: 217668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.4 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |

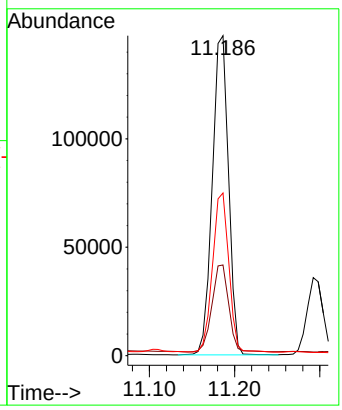





#69
Atrazine
Concen: 48.470 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:200 Resp: 19511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 50.8 | 30.1 | 70.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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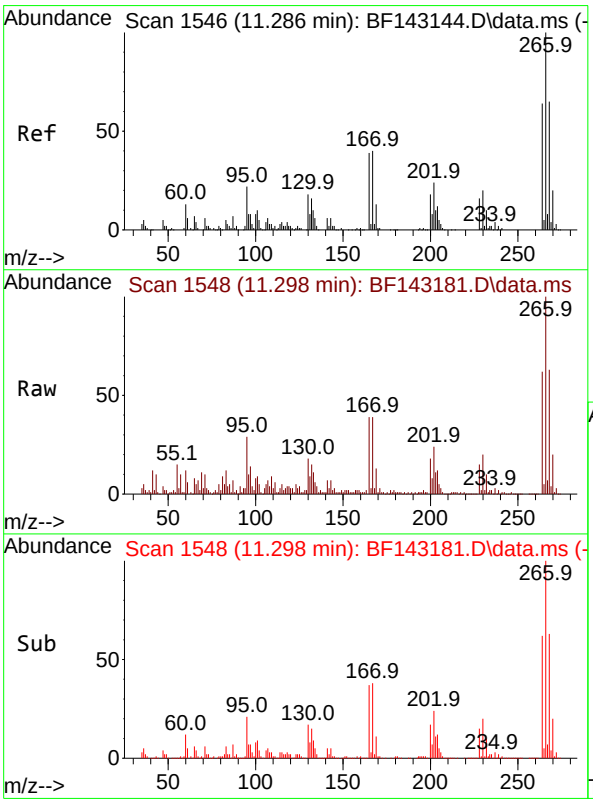
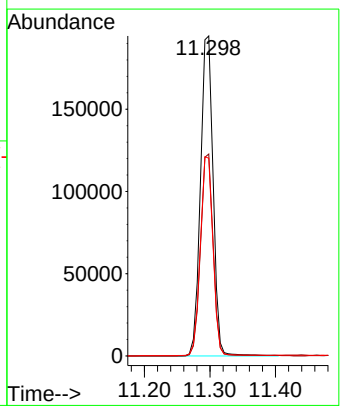
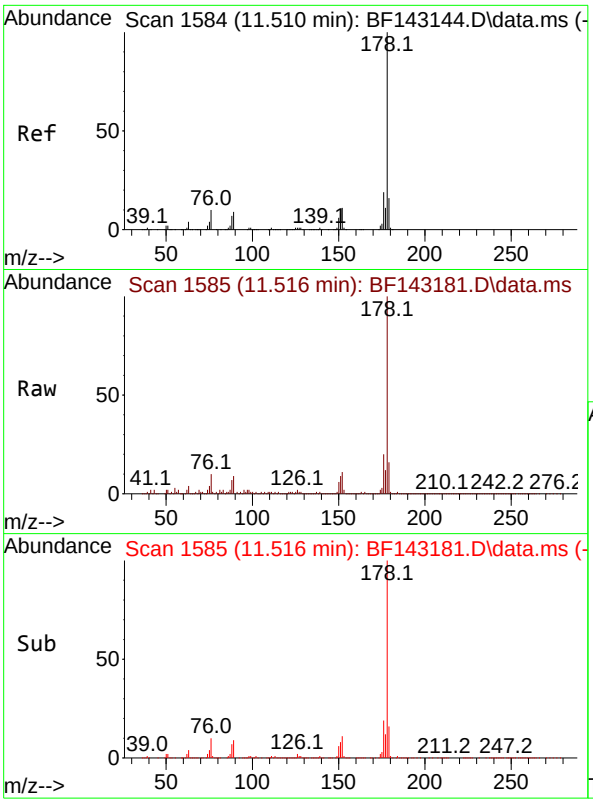



#70
Pentachlorophenol
Concen: 86.042 ng
RT: 11.298 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:266 Resp: 261343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.9 | 77.9 |
| 264 | 61.8 | 51.0 | 76.6 |

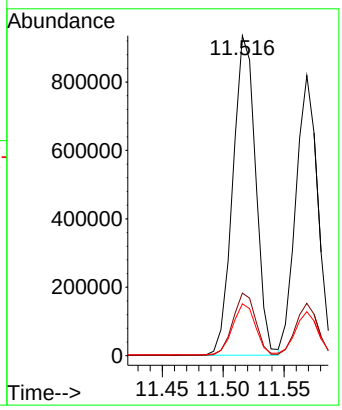





#71
Phenanthrene
Concen: 55.224 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:178 Resp: 121584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.3 | 22.9 |
| 179 | 16.2 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

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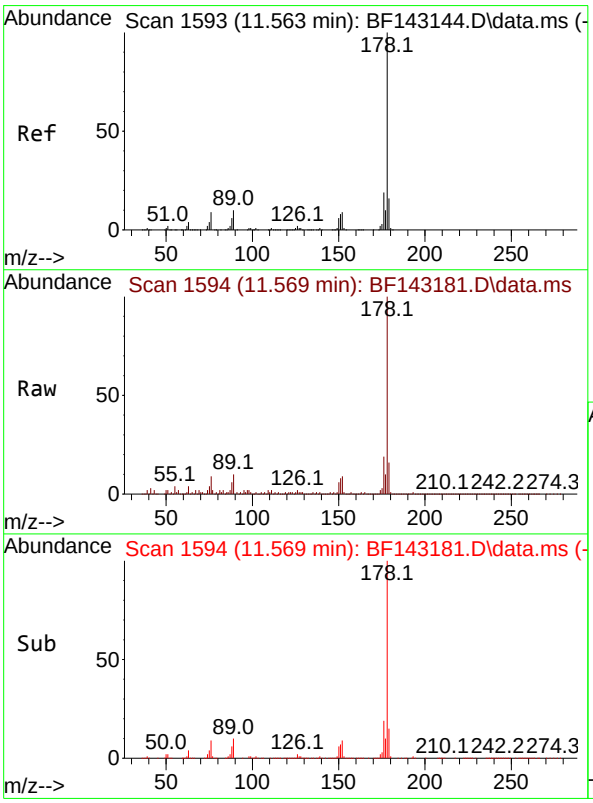
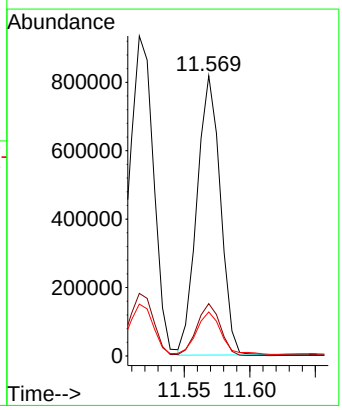
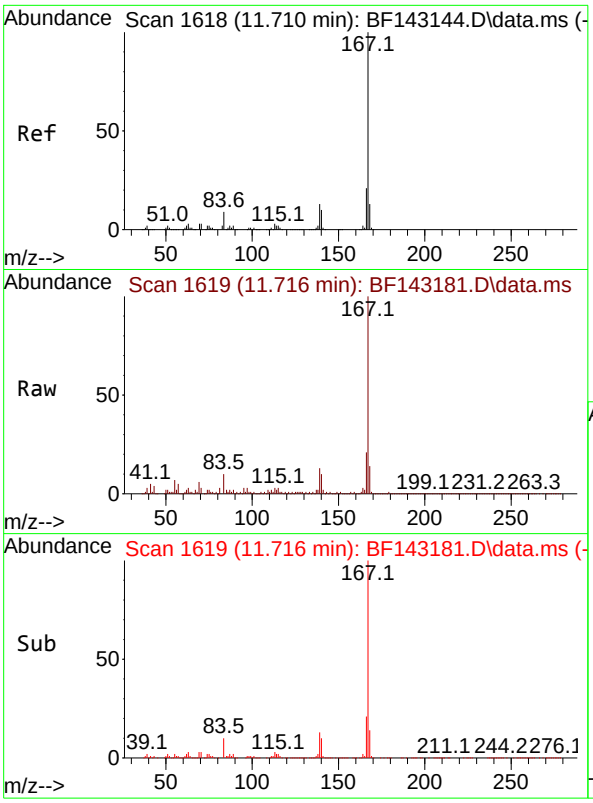



#72
Anthracene
Concen: 45.259 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:178 Resp: 1016264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |

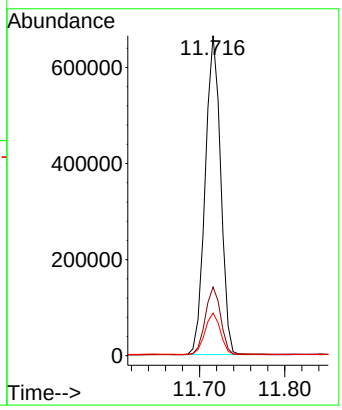





#73
Carbazole
Concen: 42.692 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:167 Resp: 83706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.0 | 25.6 |
| 139 | 13.3 | 10.0 | 15.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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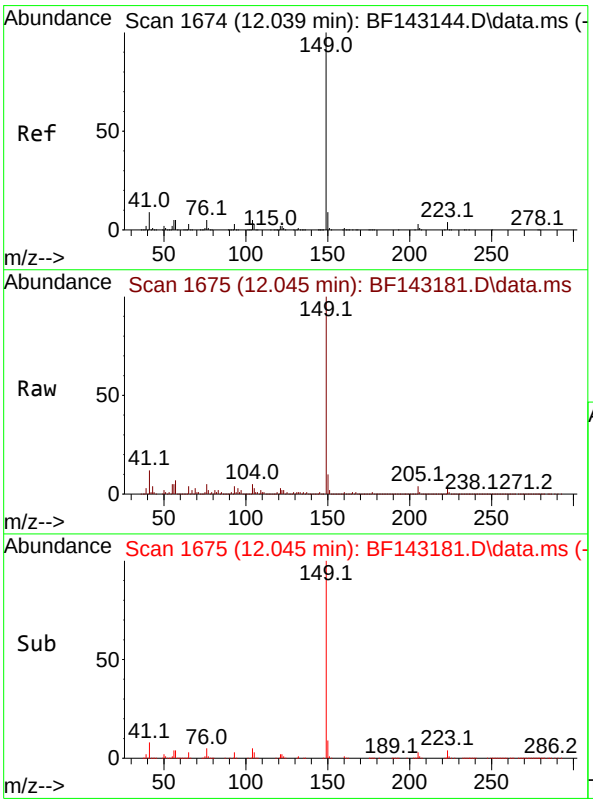
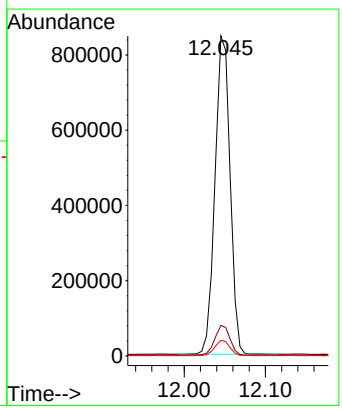
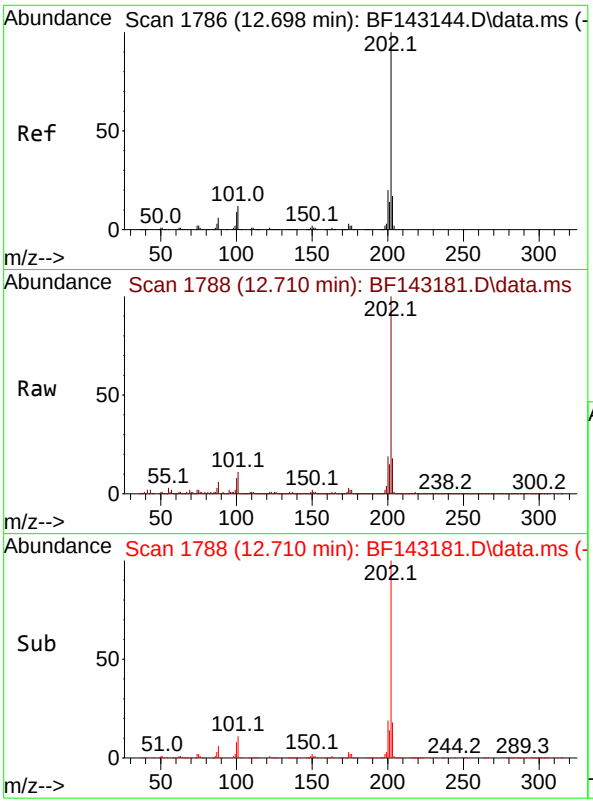



#74
Di-n-butylphthalate
Concen: 49.237 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 1092339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |






#75
Fluoranthene
Concen: 66.679 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 134747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.7 |
| 203 | 17.7 | 0.0 | 37.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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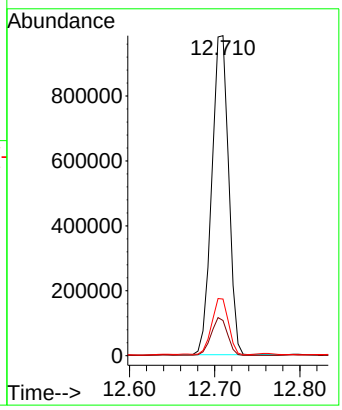
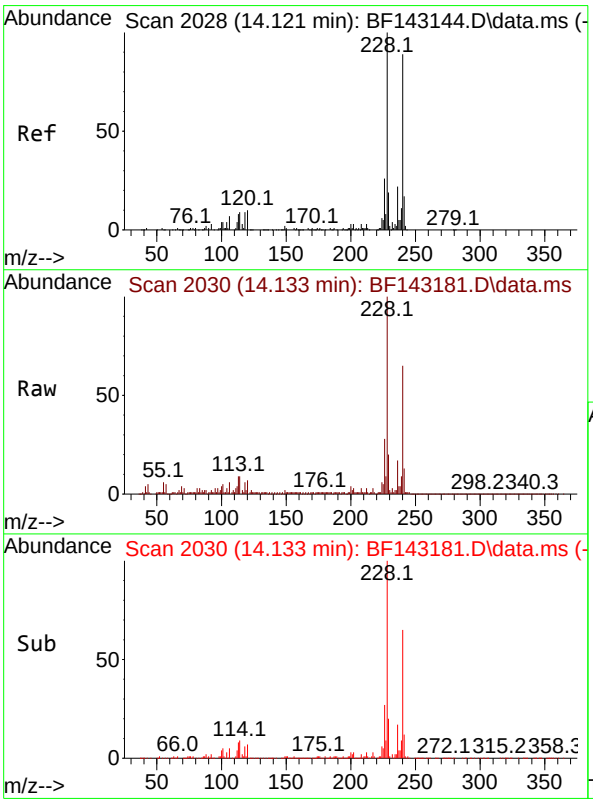
Supervised By :Jagrut Upadhyay 07/23/2025

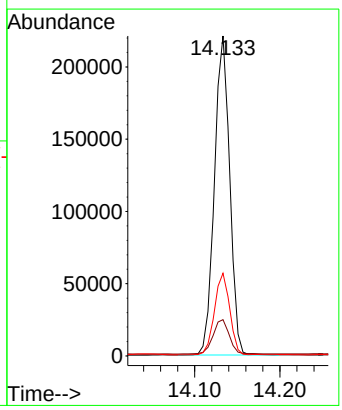


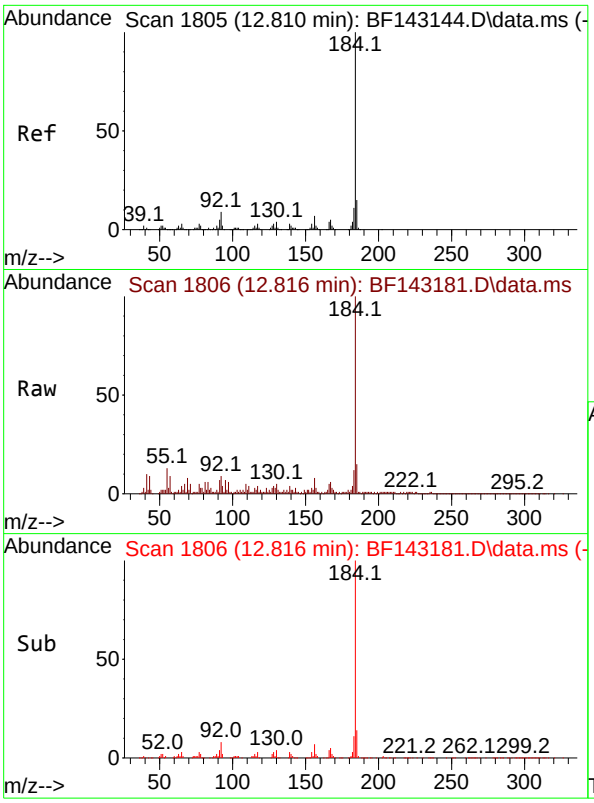




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:240 Resp: 276295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.4 | 14.2 |
| 236 | 25.9 | 20.2 | 30.4 |

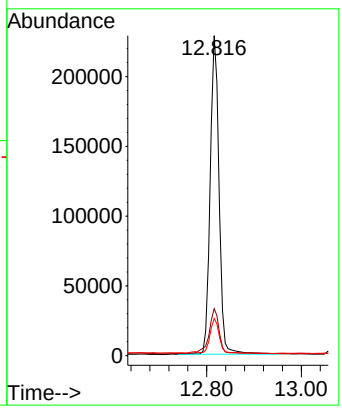





#77
Benzidine
Concen: 27.933 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 29734

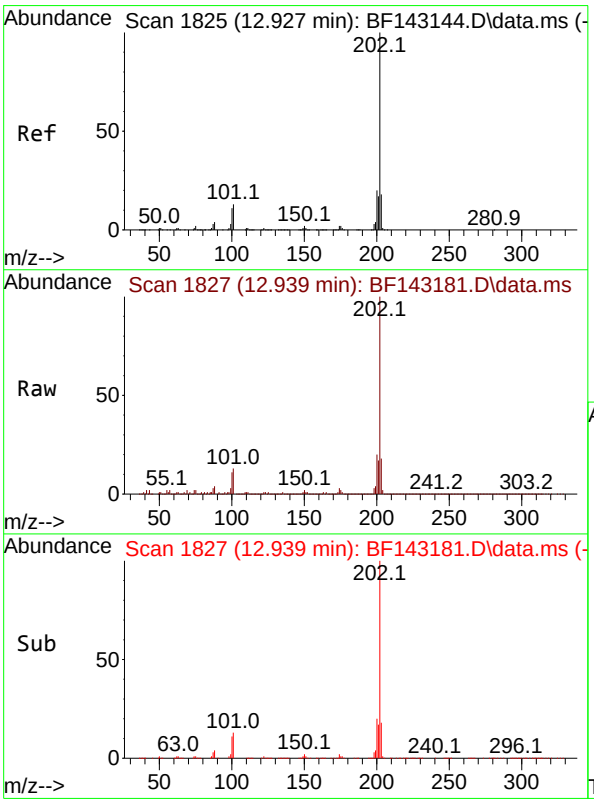
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 12.2 | 18.4 |
| 183 | 11.6 | 9.0 | 13.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

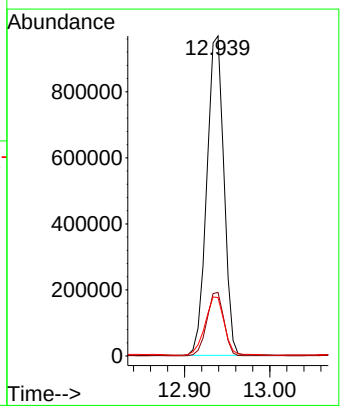
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

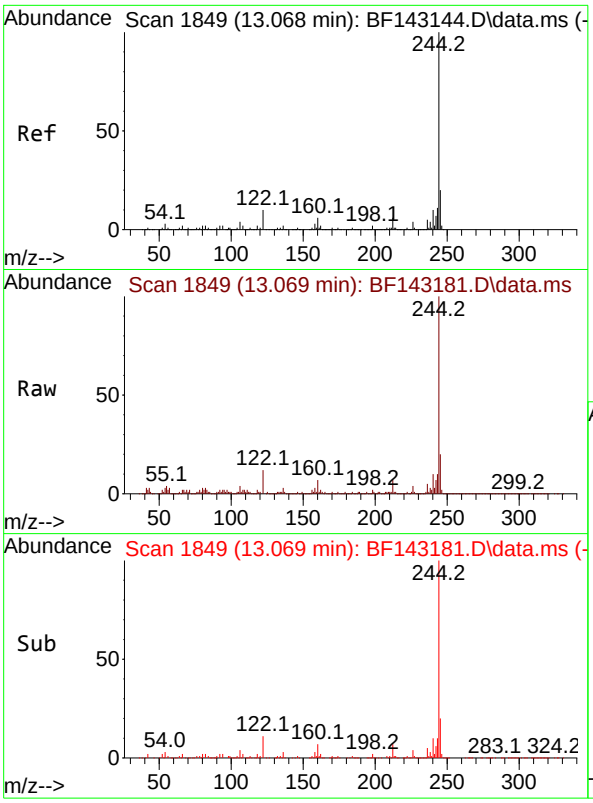



#78
Pyrene
Concen: 57.059 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 1345473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 15.7 | 23.5 |
| 203 | 18.3 | 14.2 | 21.2 |

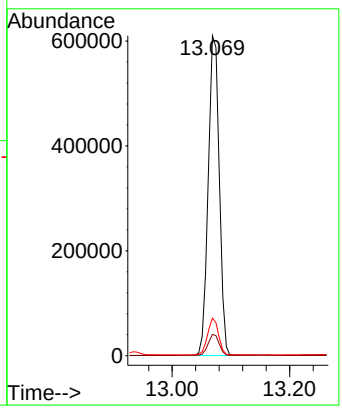





#79
Terphenyl-d14
Concen: 43.099 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

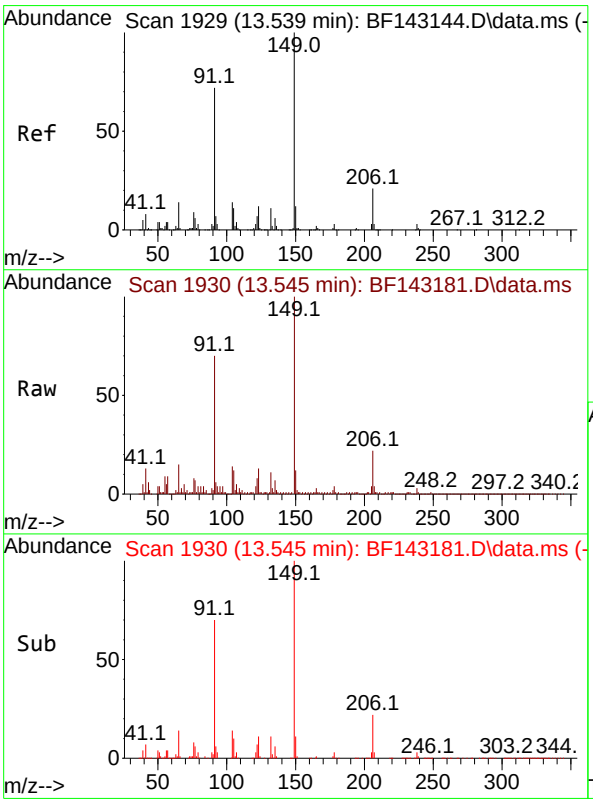
Tgt Ion:244 Resp: 80020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.8 | 8.2 | 12.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

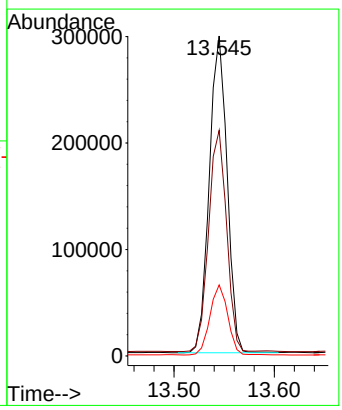
**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

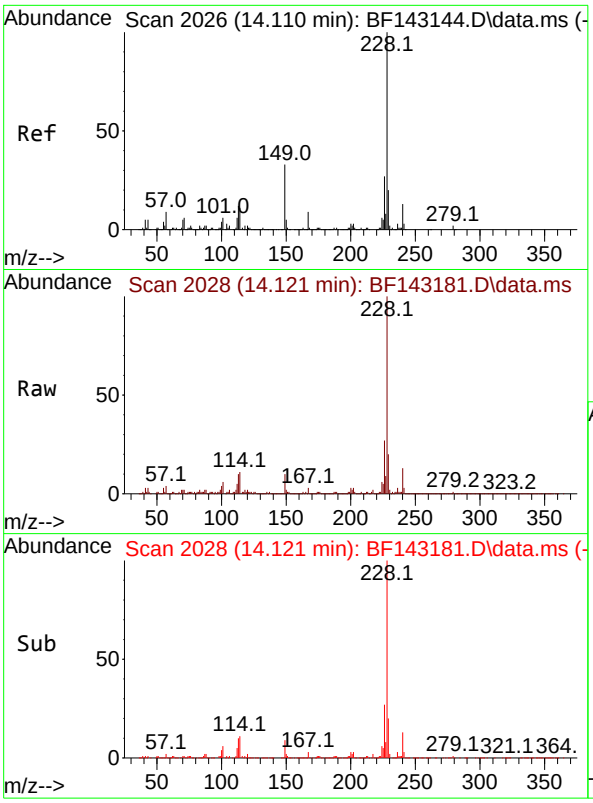



#80
Butylbenzylphthalate
Concen: 50.883 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 367405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.5 | 57.9 | 86.9 |
| 206 | 22.2 | 17.0 | 25.4 |






#81
Benzo(a)anthracene
Concen: 55.890 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:228 Resp: 103385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |

**Manual Integrations**
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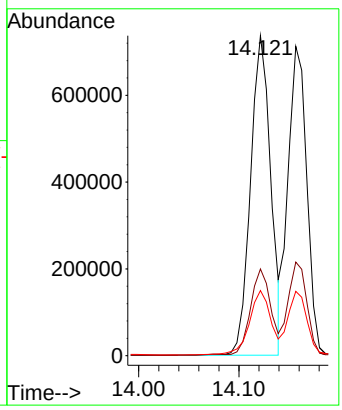
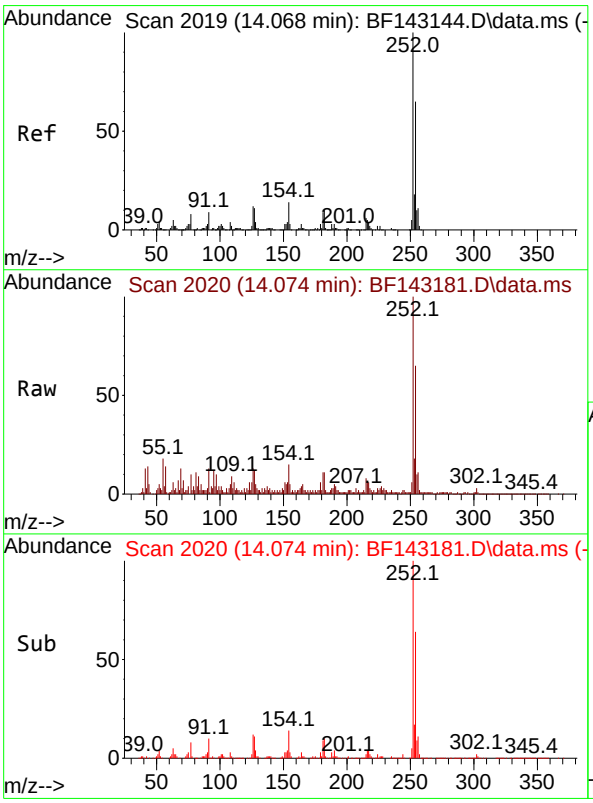
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

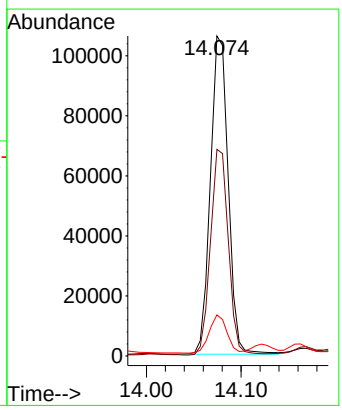


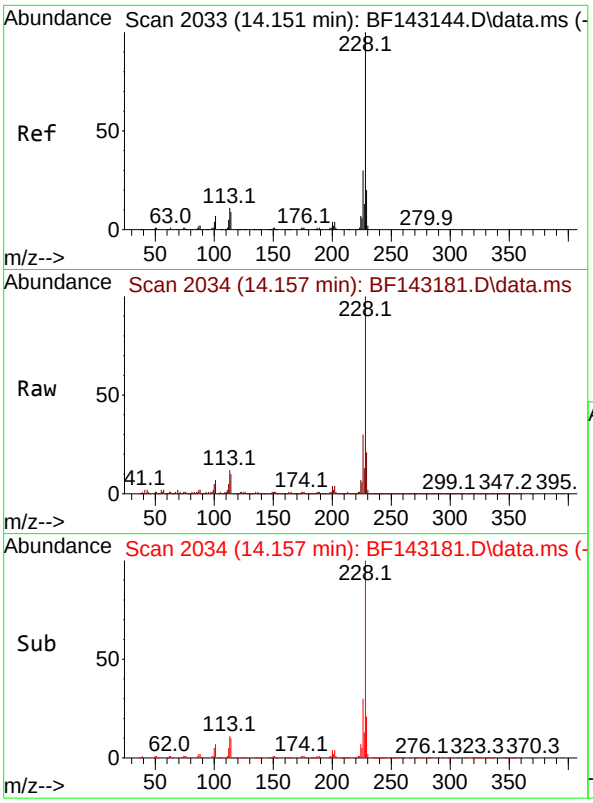




#82
3,3'-Dichlorobenzidine
Concen: 22.415 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 138194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 12.9 | 9.4 | 14.0 |

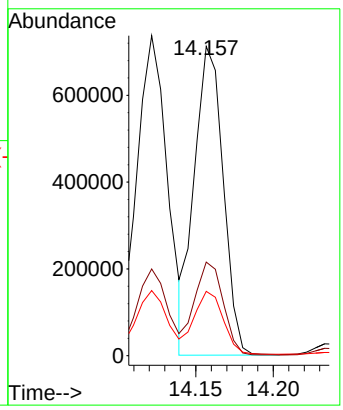





#83
Chrysene
Concen: 55.532 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:228 Resp: 92357

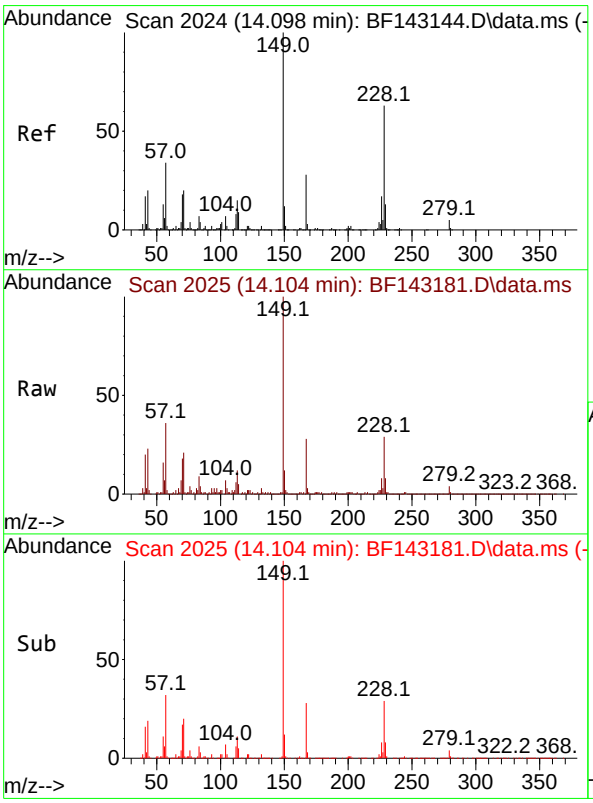
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 23.8 | 35.8 |
| 229 | 20.8 | 15.6 | 23.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

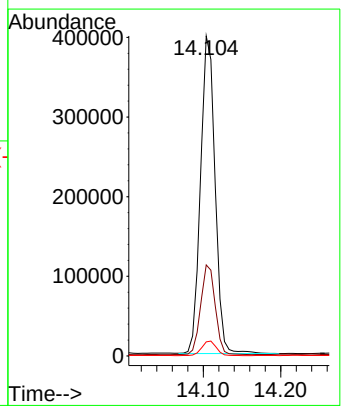
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

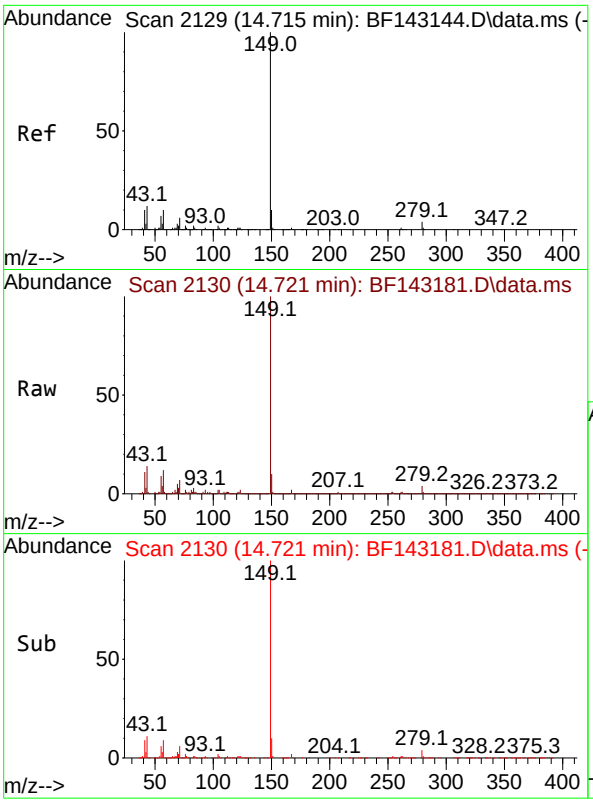



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.538 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 519551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.3 | 33.5 |
| 279 | 4.4 | 3.6 | 5.4 |






#85
Di-n-octyl phthalate
Concen: 48.608 ng m
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

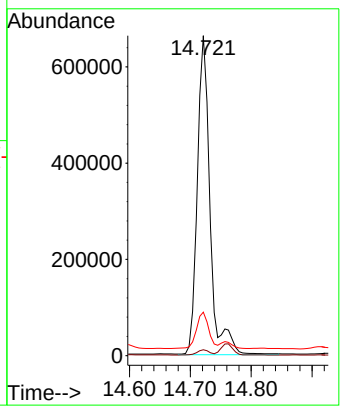
Tgt Ion:149 Resp: 96295

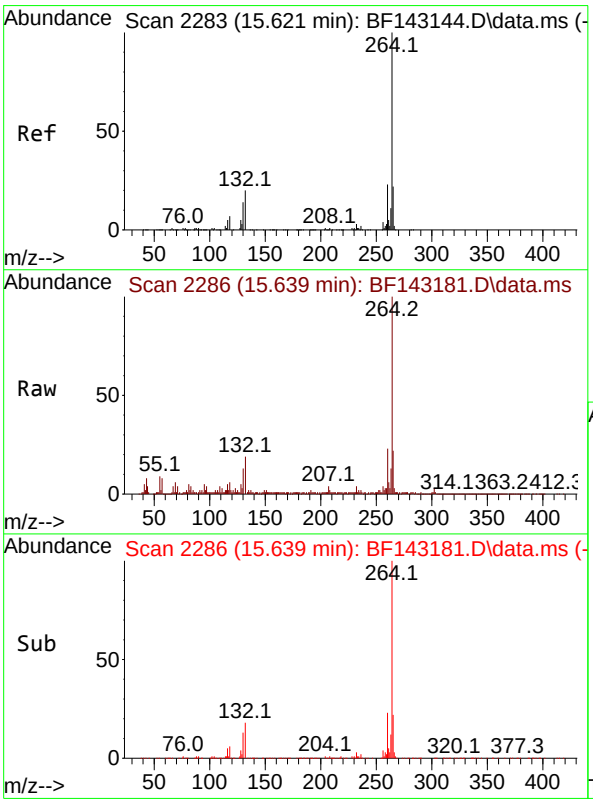
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.1 | 9.7 | 14.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

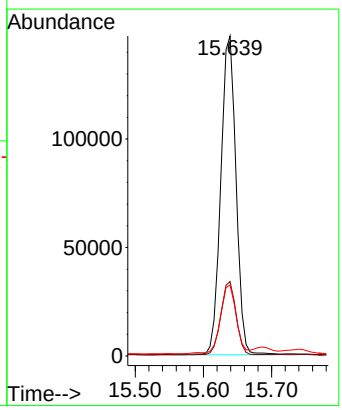


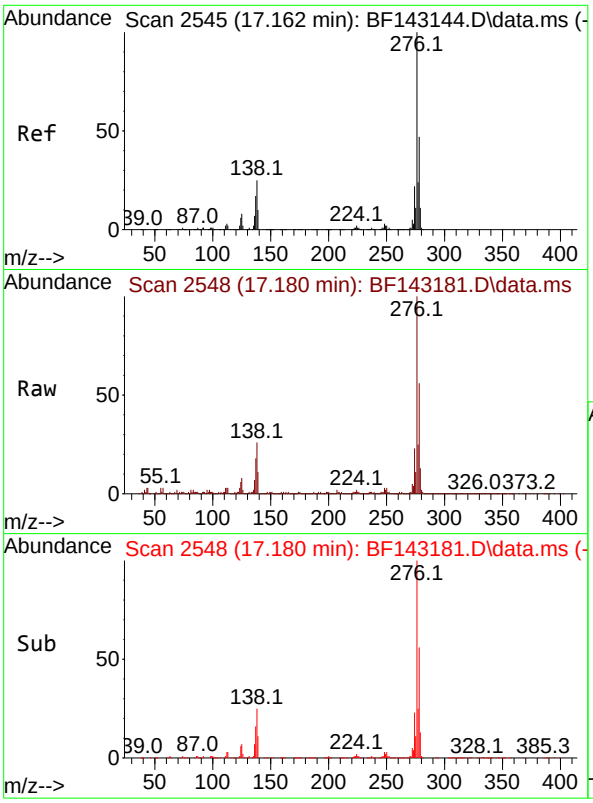




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:264 Resp: 228694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.5 | 27.7 |
| 265 | 22.2 | 17.4 | 26.2 |

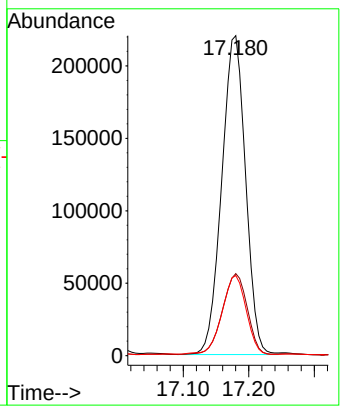





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.423 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 55510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 21.8 | 32.6 |
| 277 | 25.1 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
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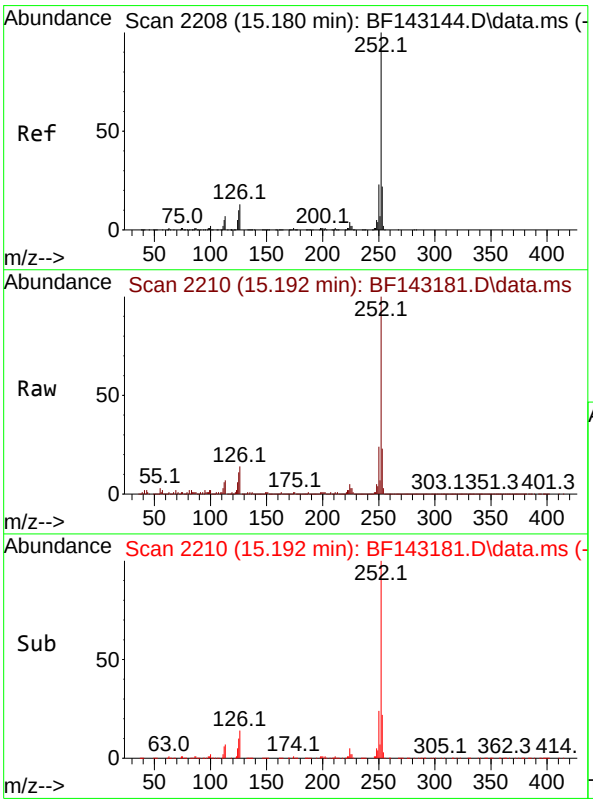
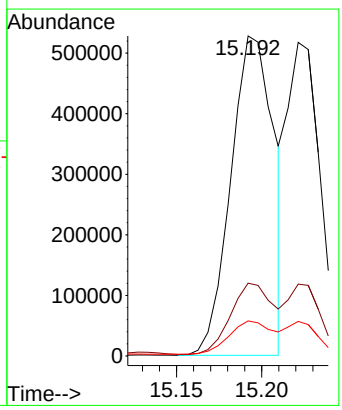
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

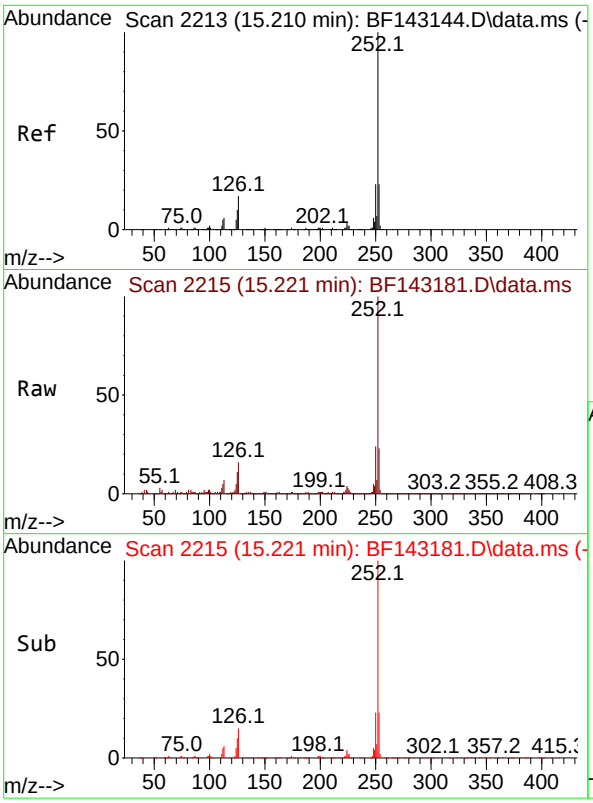



#88
Benzo(b)fluoranthene
Concen: 66.280 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 926002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.5 | 26.3 |
| 125 | 10.9 | 8.0 | 12.0 |

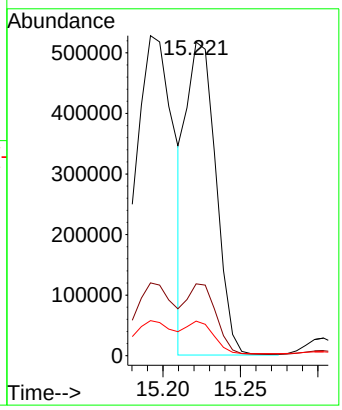





#89
Benzo(k)fluoranthene
Concen: 55.257 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 68889

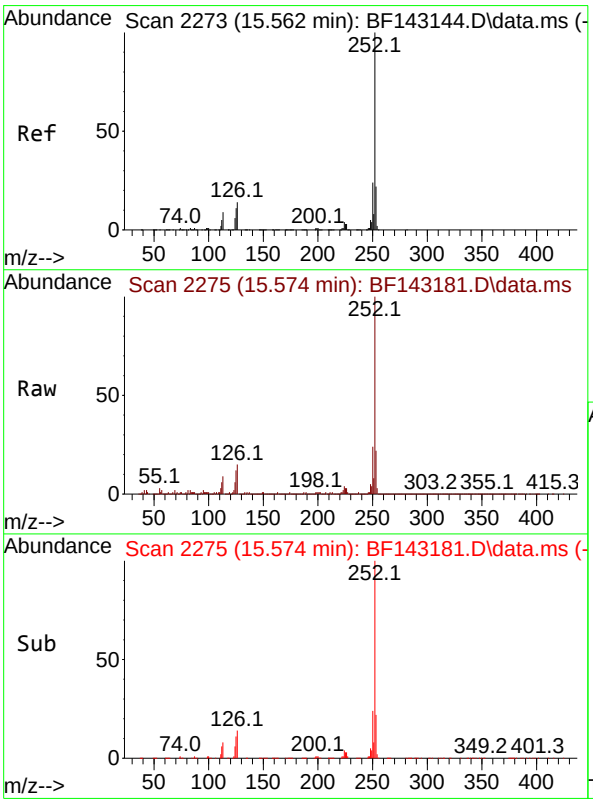
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 11.0 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

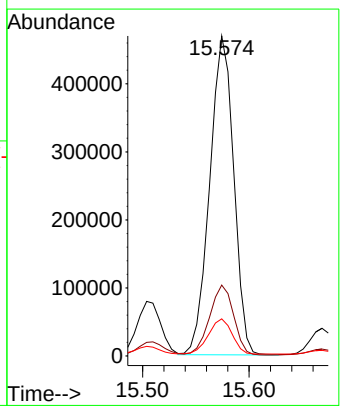
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

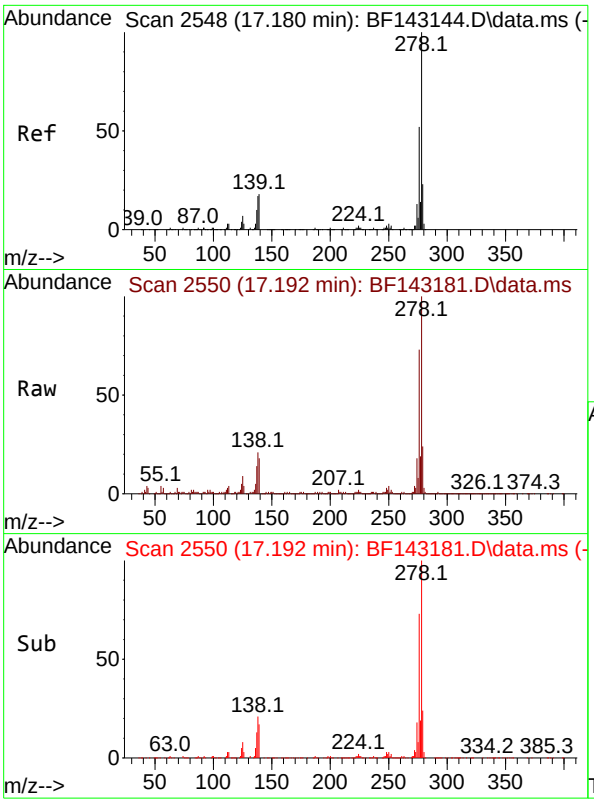



#90
Benzo(a)pyrene
Concen: 57.025 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 734037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.3 | 25.9 |
| 125 | 11.6 | 8.6 | 13.0 |

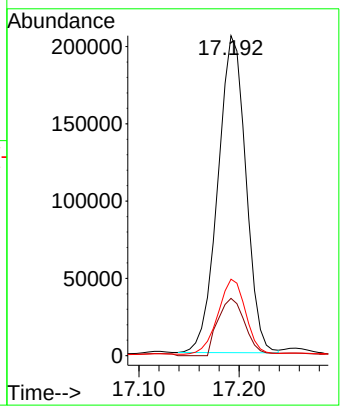





#91
Dibenzo(a,h)anthracene
Concen: 30.296 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:278 Resp: 39765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 14.1 | 21.1 |
| 279 | 23.9 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

**Manual Integrations**
**APPROVED**

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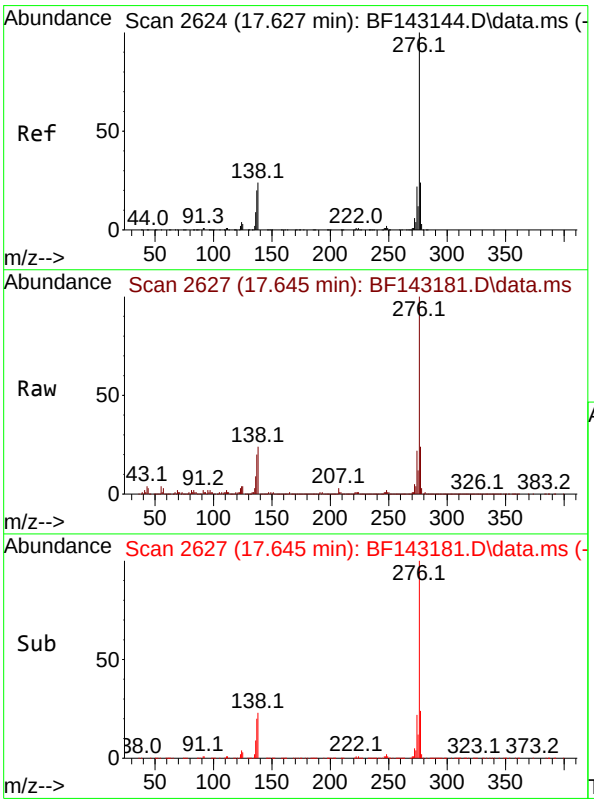
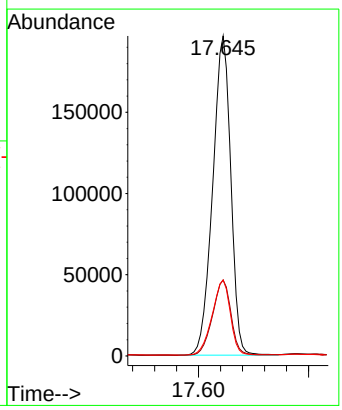



#92
Benzo(g,h,i)perylene
Concen: 35.394 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 449394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.1 | 28.7 |
| 138 | 23.8 | 18.9 | 28.3 |



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

# Manual Integration Report

| Sequence: | BF071725 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC005 | BF143141.D | Nitrobenzene-d5 | Rahul | 7/18/2025 10:30:25 AM | Jagrut | 7/18/2025 1:30:07 PM | Peak Integrated by Software |
| SSTDICC010 | BF143142.D | Benzoic acid | Rahul | 7/18/2025 10:30:28 AM | Jagrut | 7/18/2025 1:30:09 PM | Peak Integrated by Software |
| SSTDICC010 | BF143142.D | Nitrobenzene-d5 | Rahul | 7/18/2025 10:30:28 AM | Jagrut | 7/18/2025 1:30:09 PM | Peak Integrated by Software |
| SSTDICC010 | BF143142.D | Phenol | Rahul | 7/18/2025 10:30:28 AM | Jagrut | 7/18/2025 1:30:09 PM | Peak Integrated by Software |
| SSTDICC020 | BF143143.D | Benzoic acid | Rahul | 7/18/2025 10:30:30 AM | Jagrut | 7/18/2025 1:30:11 PM | Peak Integrated by Software |
| SSTDICC020 | BF143143.D | Nitrobenzene-d5 | Rahul | 7/18/2025 10:30:30 AM | Jagrut | 7/18/2025 1:30:11 PM | Peak Integrated by Software |
| SSTDICC020 | BF143143.D | Phenol | Rahul | 7/18/2025 10:30:30 AM | Jagrut | 7/18/2025 1:30:11 PM | Peak Integrated by Software |
| SSTDICCC040 | BF143144.D | Benzoic acid | Rahul | 7/18/2025 10:30:33 AM | Jagrut | 7/18/2025 1:30:14 PM | Peak Integrated by Software |
| SSTDICCC040 | BF143144.D | Phenol | Rahul | 7/18/2025 10:30:33 AM | Jagrut | 7/18/2025 1:30:14 PM | Peak Integrated by Software |
| SSTDICC050 | BF143145.D | Benzoic acid | Rahul | 7/18/2025 10:30:35 AM | Jagrut | 7/18/2025 1:30:16 PM | Peak Integrated by Software |
| SSTDICC050 | BF143145.D | Phenol | Rahul | 7/18/2025 10:30:35 AM | Jagrut | 7/18/2025 1:30:16 PM | Peak Integrated by Software |
| SSTDICC060 | BF143146.D | Phenol | Rahul | 7/18/2025 10:30:38 AM | Jagrut | 7/18/2025 1:30:19 PM | Peak Integrated by Software |
| SSTDICC080 | BF143147.D | Benzoic acid | Rahul | 7/18/2025 10:30:41 AM | Jagrut | 7/18/2025 1:30:22 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF071725 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC080 | BF143147.D | Phenol | Rahul | 7/18/2025 10:30:41 AM | Jagrut | 7/18/2025 1:30:22 PM | Peak Integrated by Software |
| SSTDICV040 | BF143148.D | Phenol | Rahul | 7/18/2025 10:30:44 AM | Jagrut | 7/18/2025 1:30:24 PM | Peak Integrated by Software |
| SSTDCCC040 | BF143157.D | Phenol | Rahul | 7/18/2025 10:31:02 AM | Jagrut | 7/18/2025 1:30:41 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | bf072225 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q2635-01MS | BF143180.D | Di-n-octyl phthalate | Rahul | 7/23/2025 8:21:52 AM | Jagrut | 7/23/2025 12:30:51 PM | Peak Integrated by Software |
| Q2635-01MSD | BF143181.D | Di-n-octyl phthalate | Rahul | 7/23/2025 8:21:54 AM | Jagrut | 7/23/2025 12:31:02 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BF072325 | Instrument | BNA_f |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| PB168929BS | BF143212.D | Caprolactam | Rahul | 7/24/2025 10:38:09 AM | Jagrut | 7/24/2025 12:02:14 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP072125 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC005 | BP025197.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/22/2025 8:58:45 AM | Jagrut | 7/22/2025 9:10:15 AM | Peak Integrated by Software |
| SSTDICC050 | BP025201.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/22/2025 8:58:47 AM | Jagrut | 7/22/2025 9:10:18 AM | Peak Integrated by Software |
| SSTDICC080 | BP025203.D | Caprolactam | Rahul | 7/22/2025 8:58:50 AM | Jagrut | 7/22/2025 9:10:21 AM | Peak Integrated by Software |
| SSTDICC080 | BP025203.D | Chrysene | Rahul | 7/22/2025 8:58:50 AM | Jagrut | 7/22/2025 9:10:21 AM | Peak Integrated by Software |
| SSTDICC080 | BP025203.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/22/2025 8:58:50 AM | Jagrut | 7/22/2025 9:10:21 AM | Peak Integrated by Software |
| SSTDICV040 | BP025204.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/22/2025 8:58:52 AM | Jagrut | 7/22/2025 9:10:23 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP072225 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q2639-03 | BP025209.D | Benzo(a)anthracene | Rahul | 7/23/2025 10:35:03 AM | Jagrut | 7/23/2025 12:27:01 PM | Peak Integrated by Software |
| Q2639-05 | BP025210.D | Benzo(a)anthracene | Rahul | 7/23/2025 10:35:05 AM | Jagrut | 7/23/2025 12:27:04 PM | Peak Integrated by Software |
| Q2639-05 | BP025210.D | Benzo(k)fluoranthene | Rahul | 7/23/2025 10:35:05 AM | Jagrut | 7/23/2025 12:27:04 PM | Peak Integrated by Software |
| Q2639-07 | BP025211.D | Benzo(a)anthracene | Rahul | 7/23/2025 10:35:08 AM | Jagrut | 7/23/2025 12:27:06 PM | Peak Integrated by Software |
| Q2639-07 | BP025211.D | Benzo(k)fluoranthene | Rahul | 7/23/2025 10:35:08 AM | Jagrut | 7/23/2025 12:27:06 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP072325 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q2639-01 | BP025222.D | Benzo(a)anthracene | Rahul | 7/24/2025 10:42:07 AM | Jagrut | 7/24/2025 12:01:04 PM | Peak Integrated by Software |
| SSTDCCC040 | BP025226.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/24/2025 10:42:20 AM | Jagrut | 7/24/2025 12:01:09 PM | Peak Integrated by Software |
| SSTDCCC040 | BP025228.D | Indeno(1,2,3-cd)pyrene | Rahul | 7/24/2025 10:42:29 AM | Jagrut | 7/24/2025 12:01:11 PM | Peak Integrated by Software |
| Q2639-01RE | BP025231.D | Benzo(a)anthracene | Rahul | 7/24/2025 10:42:37 AM | Jagrut | 7/24/2025 12:01:16 PM | Peak Integrated by Software |
| Q2639-01RE | BP025231.D | Benzo(k)fluoranthene | Rahul | 7/24/2025 10:42:37 AM | Jagrut | 7/24/2025 12:01:16 PM | Peak Integrated by Software |
| Q2639-01RE | BP025231.D | Chrysene | Rahul | 7/24/2025 10:42:37 AM | Jagrut | 7/24/2025 12:01:16 PM | Peak Integrated by Software |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/18/2025 11:02:11 AM | | | | |
| Supervise By | Jagrut | Supervise On | 7/18/2025 1:30:54 PM | | | | |
| SubDirectory | BF071725 | HP Acquire Method | BNA_F | | HP Processing Method | bf071725 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S12674,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF143138.D | 17 Jul 2025 09:58 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF143139.D | 17 Jul 2025 10:28 | RC/JU | Not Ok |
| 3 | SSTDICC2.5 | BF143140.D | 17 Jul 2025 11:04 | RC/JU | Ok |
| 4 | SSTDICC005 | BF143141.D | 17 Jul 2025 11:34 | RC/JU | Ok,M |
| 5 | SSTDICC010 | BF143142.D | 17 Jul 2025 12:04 | RC/JU | Ok,M |
| 6 | SSTDICC020 | BF143143.D | 17 Jul 2025 12:34 | RC/JU | Ok,M |
| 7 | SSTDICCC040 | BF143144.D | 17 Jul 2025 13:03 | RC/JU | Ok,M |
| 8 | SSTDICC050 | BF143145.D | 17 Jul 2025 13:33 | RC/JU | Ok,M |
| 9 | SSTDICC060 | BF143146.D | 17 Jul 2025 14:04 | RC/JU | Ok,M |
| 10 | SSTDICC080 | BF143147.D | 17 Jul 2025 14:34 | RC/JU | Ok,M |
| 11 | SSTDICV040 | BF143148.D | 17 Jul 2025 15:06 | RC/JU | Ok,M |
| 12 | PB168813BL | BF143149.D | 17 Jul 2025 15:36 | RC/JU | Ok |
| 13 | Q2126-03 | BF143150.D | 17 Jul 2025 16:06 | RC/JU | Ok,M |
| 14 | Q2126-03 | BF143151.D | 17 Jul 2025 16:36 | RC/JU | Ok,M |
| 15 | Q2126-09 | BF143152.D | 17 Jul 2025 17:07 | RC/JU | Ok,M |
| 16 | Q2126-09 | BF143153.D | 17 Jul 2025 17:37 | RC/JU | Ok,M |
| 17 | PB168816BL | BF143154.D | 17 Jul 2025 18:07 | RC/JU | Ok |
| 18 | PB167904BL | BF143155.D | 17 Jul 2025 18:37 | RC/JU | Ok |
| 19 | PB167904BS | BF143156.D | 17 Jul 2025 19:07 | RC/JU | Ok,M |
| 20 | SSTDCCC040 | BF143157.D | 17 Jul 2025 19:37 | RC/JU | Ok,M |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 8:23:11 AM | | | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 1:06:52 PM | | | | |
| SubDirectory | BF072225 | HP Acquire Method | BNA_F | | HP Processing Method | bf071725 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF143176.D | 22 Jul 2025 07:48 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF143177.D | 22 Jul 2025 08:46 | RC/JU | Ok |
| 3 | PB168929BL | BF143178.D | 22 Jul 2025 09:15 | RC/JU | Ok |
| 4 | PB168813BS | BF143179.D | 22 Jul 2025 09:44 | RC/JU | Ok,M |
| 5 | Q2635-01MS | BF143180.D | 22 Jul 2025 10:26 | RC/JU | Ok,M |
| 6 | Q2635-01MSD | BF143181.D | 22 Jul 2025 10:55 | RC/JU | Ok,M |
| 7 | Q2638-01 | BF143182.D | 22 Jul 2025 11:25 | RC/JU | Ok,M |
| 8 | Q2638-03 | BF143183.D | 22 Jul 2025 11:54 | RC/JU | Ok,M |
| 9 | Q2638-05 | BF143184.D | 22 Jul 2025 12:23 | RC/JU | Ok,M |
| 10 | Q2638-07 | BF143185.D | 22 Jul 2025 12:52 | RC/JU | ReRun |
| 11 | Q2638-09 | BF143186.D | 22 Jul 2025 13:21 | RC/JU | Ok,M |
| 12 | SSTDCCC040 | BF143187.D | 22 Jul 2025 13:55 | RC/JU | Ok |
| 13 | DFTPP | BF143188.D | 22 Jul 2025 14:54 | RC/JU | Ok |
| 14 | SSTDCCC040 | BF143189.D | 22 Jul 2025 15:23 | RC/JU | Ok |
| 15 | PB168954BL | BF143190.D | 22 Jul 2025 15:52 | RC/JU | Ok |
| 16 | Q2641-02 | BF143191.D | 22 Jul 2025 16:26 | RC/JU | Ok |
| 17 | Q2649-04 | BF143192.D | 22 Jul 2025 16:55 | RC/JU | Ok,M |
| 18 | Q2649-08 | BF143193.D | 22 Jul 2025 17:25 | RC/JU | Ok |
| 19 | Q2649-12 | BF143194.D | 22 Jul 2025 17:54 | RC/JU | Ok |
| 20 | Q2649-16 | BF143195.D | 22 Jul 2025 18:23 | RC/JU | Ok |
| 21 | Q2649-20 | BF143196.D | 22 Jul 2025 18:53 | RC/JU | Ok |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 8:23:11 AM | | | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 1:06:52 PM | | | | |
| SubDirectory | BF072225 | HP Acquire Method | BNA_F | | HP Processing Method | bf071725 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q2649-24 | BF143197.D | 22 Jul 2025 19:22 | RC/JU | Ok |
| 23 | Q2646-03 | BF143198.D | 22 Jul 2025 19:51 | RC/JU | Ok |
| 24 | Q2646-03MS | BF143199.D | 22 Jul 2025 20:20 | RC/JU | Ok,M |
| 25 | Q2646-03MSD | BF143200.D | 22 Jul 2025 20:49 | RC/JU | Ok,M |
| 26 | Q2649-21 | BF143201.D | 22 Jul 2025 21:18 | RC/JU | Ok |
| 27 | Q2649-13 | BF143202.D | 22 Jul 2025 21:48 | RC/JU | Ok |
| 28 | Q2658-02 | BF143203.D | 22 Jul 2025 22:17 | RC/JU | Ok |
| 29 | Q2658-01 | BF143204.D | 22 Jul 2025 22:46 | RC/JU | Ok,M |
| 30 | Q2660-01 | BF143205.D | 22 Jul 2025 23:15 | RC/JU | Ok |
| 31 | Q2649-17 | BF143206.D | 22 Jul 2025 23:43 | RC/JU | Ok,M |
| 32 | Q2649-01 | BF143207.D | 23 Jul 2025 00:12 | RC/JU | Ok,M |
| 33 | Q2660-03 | BF143208.D | 23 Jul 2025 00:41 | RC/JU | Ok |

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**Instrument ID: BNA_F**

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/24/2025 10:37:52 AM | | |
| Supervise By | Jagrut | Supervise On | 7/24/2025 12:02:50 PM | | |
| SubDirectory | BF072325 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BF143209.D | 23 Jul 2025 13:34 | RC/JU | Ok |
| 2 | SSTDCCC040 | BF143210.D | 23 Jul 2025 14:33 | RC/JU | Ok |
| 3 | PB168926TB | BF143211.D | 23 Jul 2025 15:02 | RC/JU | Ok |
| 4 | PB168929BS | BF143212.D | 23 Jul 2025 15:31 | RC/JU | Ok,M |
| 5 | PB168954BS | BF143213.D | 23 Jul 2025 16:00 | RC/JU | Ok,M |
| 6 | PB168948BL | BF143214.D | 23 Jul 2025 16:30 | RC/JU | Ok |
| 7 | PB168948BS | BF143215.D | 23 Jul 2025 16:59 | RC/JU | Ok,M |
| 8 | Q2645-02 | BF143216.D | 23 Jul 2025 17:28 | RC/JU | Ok |
| 9 | Q2649-05 | BF143217.D | 23 Jul 2025 17:57 | RC/JU | Ok |
| 10 | Q2649-09 | BF143218.D | 23 Jul 2025 18:26 | RC/JU | Ok |
| 11 | Q2649-09MS | BF143219.D | 23 Jul 2025 18:56 | RC/JU | Ok,M |
| 12 | Q2649-09MSD | BF143220.D | 23 Jul 2025 19:25 | RC/JU | Ok,M |
| 13 | SSTDCCC040 | BF143221.D | 23 Jul 2025 19:54 | RC/JU | Ok |

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**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/22/2025 8:59:18 AM | | |
| Supervise By | Jagrut | Supervise On | 7/22/2025 9:10:39 AM | | |
| SubDirectory | BP072125 | HP Acquire Method | BNA_P | HP Processing Method | bp072125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S12674,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP025194.D | 21 Jul 2025 13:02 | CG/JU | Ok |
| 2 | SSTDCCC040 | BP025195.D | 21 Jul 2025 13:44 | CG/JU | Not Ok |
| 3 | SSTDICC2.5 | BP025196.D | 21 Jul 2025 14:25 | CG/JU | Ok |
| 4 | SSTDICC005 | BP025197.D | 21 Jul 2025 15:06 | CG/JU | Ok,M |
| 5 | SSTDICC010 | BP025198.D | 21 Jul 2025 15:47 | CG/JU | Ok |
| 6 | SSTDICC020 | BP025199.D | 21 Jul 2025 16:29 | CG/JU | Ok |
| 7 | SSTDICCC040 | BP025200.D | 21 Jul 2025 17:10 | CG/JU | Ok |
| 8 | SSTDICC050 | BP025201.D | 21 Jul 2025 17:51 | CG/JU | Ok,M |
| 9 | SSTDICC060 | BP025202.D | 21 Jul 2025 18:32 | CG/JU | Ok |
| 10 | SSTDICC080 | BP025203.D | 21 Jul 2025 19:14 | CG/JU | Ok,M |
| 11 | SSTDICV040 | BP025204.D | 21 Jul 2025 19:55 | CG/JU | Ok,M |
| 12 | PB168854BL | BP025205.D | 21 Jul 2025 21:58 | CG/JU | Ok |

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**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072225

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 10:35:56 AM | | | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 12:27:41 PM | | | | |
| SubDirectory | BP072225 | HP Acquire Method | BNA_P | | HP Processing Method | bp072125 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP025206.D | 22 Jul 2025 09:04 | CG/JU | Ok |
| 2 | SSTDCCC040 | BP025207.D | 22 Jul 2025 09:45 | CG/JU | Ok |
| 3 | PB168929BL | BP025208.D | 22 Jul 2025 10:26 | CG/JU | Ok |
| 4 | Q2639-03 | BP025209.D | 22 Jul 2025 11:10 | CG/JU | Ok,M |
| 5 | Q2639-05 | BP025210.D | 22 Jul 2025 11:51 | CG/JU | Ok,M |
| 6 | Q2639-07 | BP025211.D | 22 Jul 2025 12:32 | CG/JU | Ok,M |
| 7 | Q2639-09 | BP025212.D | 22 Jul 2025 13:14 | CG/JU | Ok |
| 8 | Q2639-11 | BP025213.D | 22 Jul 2025 13:55 | CG/JU | Ok |
| 9 | Q2639-13 | BP025214.D | 22 Jul 2025 14:36 | CG/JU | ReRun |
| 10 | Q2638-07RE | BP025215.D | 22 Jul 2025 15:17 | CG/JU | Not Ok |
| 11 | Q2638-11RE | BP025216.D | 22 Jul 2025 15:59 | CG/JU | Not Ok |
| 12 | SSTDCCC040 | BP025217.D | 22 Jul 2025 16:47 | CG/JU | Ok |

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**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072325

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 2:45:09 PM | | | | |
| Supervise By | Jagrut | Supervise On | 7/24/2025 12:01:29 PM | | | | |
| SubDirectory | BP072325 | HP Acquire Method | BNA_P | | HP Processing Method | bp072125 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP025218.D | 23 Jul 2025 10:41 | CG/JU | Ok |
| 2 | SSTDCCC040 | BP025219.D | 23 Jul 2025 11:22 | CG/JU | Ok |
| 3 | PB168919TB | BP025220.D | 23 Jul 2025 12:03 | CG/JU | Ok |
| 4 | Q2638-13 | BP025221.D | 23 Jul 2025 12:47 | CG/JU | ReRun |
| 5 | Q2639-01 | BP025222.D | 23 Jul 2025 13:28 | CG/JU | ReRun |
| 6 | Q2639-13 | BP025223.D | 23 Jul 2025 14:09 | CG/JU | Ok |
| 7 | Q2638-07RE | BP025224.D | 23 Jul 2025 14:51 | CG/JU | Confirms |
| 8 | Q2638-11 | BP025225.D | 23 Jul 2025 15:32 | CG/JU | ReRun |
| 9 | SSTDCCC040 | BP025226.D | 23 Jul 2025 16:13 | CG/JU | Ok,M |
| 10 | DFTPP | BP025227.D | 23 Jul 2025 16:54 | CG/JU | Ok |
| 11 | SSTDCCC040 | BP025228.D | 23 Jul 2025 18:16 | CG/JU | Ok,M |
| 12 | PB168919TB | BP025229.D | 23 Jul 2025 18:58 | CG/JU | Not Ok |
| 13 | Q2638-13RE | BP025230.D | 23 Jul 2025 19:39 | CG/JU | Confirms |
| 14 | Q2639-01RE | BP025231.D | 23 Jul 2025 20:20 | CG/JU | Confirms |
| 15 | Q2638-11RE | BP025232.D | 23 Jul 2025 21:01 | CG/JU | Confirms |
| 16 | SSTDCCC040 | BP025233.D | 23 Jul 2025 21:42 | CG/JU | Ok |

M : Manual Integration

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/18/2025 11:02:11 AM | | |
| Supervise By | Jagrut | Supervise On | 7/18/2025 1:30:54 PM | | |
| SubDirectory | BF071725 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S12674,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BF143138.D | 17 Jul 2025 09:58 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF143139.D | 17 Jul 2025 10:28 | A Fresh Calibration is required. | RC/JU | Not Ok |
| 3 | SSTDICC2.5 | SSTDICC2.5 | BF143140.D | 17 Jul 2025 11:04 | | RC/JU | Ok |
| 4 | SSTDICC005 | SSTDICC005 | BF143141.D | 17 Jul 2025 11:34 | | RC/JU | Ok,M |
| 5 | SSTDICC010 | SSTDICC010 | BF143142.D | 17 Jul 2025 12:04 | | RC/JU | Ok,M |
| 6 | SSTDICC020 | SSTDICC020 | BF143143.D | 17 Jul 2025 12:34 | | RC/JU | Ok,M |
| 7 | SSTDICCC040 | SSTDICCC040 | BF143144.D | 17 Jul 2025 13:03 | Compound #32,54,65 Kept on LR | RC/JU | Ok,M |
| 8 | SSTDICC050 | SSTDICC050 | BF143145.D | 17 Jul 2025 13:33 | | RC/JU | Ok,M |
| 9 | SSTDICC060 | SSTDICC060 | BF143146.D | 17 Jul 2025 14:04 | | RC/JU | Ok,M |
| 10 | SSTDICC080 | SSTDICC080 | BF143147.D | 17 Jul 2025 14:34 | Compound#77 removed from 80 ppm | RC/JU | Ok,M |
| 11 | SSTDICV040 | ICVBF071725 | BF143148.D | 17 Jul 2025 15:06 | | RC/JU | Ok,M |
| 12 | PB168813BL | PB168813BL | BF143149.D | 17 Jul 2025 15:36 | | RC/JU | Ok |
| 13 | Q2126-03 | MDL-SOIL-03-QT2-202 | BF143150.D | 17 Jul 2025 16:06 | MDL-SOIL 4 ppm | RC/JU | Ok,M |
| 14 | Q2126-03 | MDL-SOIL-03-QT2-202 | BF143151.D | 17 Jul 2025 16:36 | MDL-SOIL 8 ppm | RC/JU | Ok,M |
| 15 | Q2126-09 | MDL-WATER-03-QT2-2 | BF143152.D | 17 Jul 2025 17:07 | MDL-WATER 4 ppm | RC/JU | Ok,M |
| 16 | Q2126-09 | MDL-WATER-03-QT2-2 | BF143153.D | 17 Jul 2025 17:37 | MDL-WATER 8 ppm | RC/JU | Ok,M |
| 17 | PB168816BL | PB168816BL | BF143154.D | 17 Jul 2025 18:07 | | RC/JU | Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/18/2025 11:02:11 AM | | |
| Supervise By | Jagrut | Supervise On | 7/18/2025 1:30:54 PM | | |
| SubDirectory | BF071725 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S12674,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | PB167904BL | PB167904BL | BF143155.D | 17 Jul 2025 18:37 | | RC/JU | Ok |
| 19 | PB167904BS | PB167904BS | BF143156.D | 17 Jul 2025 19:07 | | RC/JU | Ok,M |
| 20 | SSTDCCC040 | SSTDCCC040EC | BF143157.D | 17 Jul 2025 19:37 | | RC/JU | Ok,M |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 8:23:11 AM | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 1:06:52 PM | | |
| SubDirectory | BF072225 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BF143176.D | 22 Jul 2025 07:48 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF143177.D | 22 Jul 2025 08:46 | | RC/JU | Ok |
| 3 | PB168929BL | PB168929BL | BF143178.D | 22 Jul 2025 09:15 | | RC/JU | Ok |
| 4 | PB168813BS | PB168813BS | BF143179.D | 22 Jul 2025 09:44 | | RC/JU | Ok,M |
| 5 | Q2635-01MS | RT2286MS | BF143180.D | 22 Jul 2025 10:26 | | RC/JU | Ok,M |
| 6 | Q2635-01MSD | RT2286MSD | BF143181.D | 22 Jul 2025 10:55 | | RC/JU | Ok,M |
| 7 | Q2638-01 | OU4-TS-31-071725 | BF143182.D | 22 Jul 2025 11:25 | | RC/JU | Ok,M |
| 8 | Q2638-03 | OU4-TS-32-071725 | BF143183.D | 22 Jul 2025 11:54 | | RC/JU | Ok,M |
| 9 | Q2638-05 | OU4-TS-33-071725 | BF143184.D | 22 Jul 2025 12:23 | | RC/JU | Ok,M |
| 10 | Q2638-07 | OU4-TS-34-071725 | BF143185.D | 22 Jul 2025 12:52 | Surrogate Fail | RC/JU | ReRun |
| 11 | Q2638-09 | OU4-TS-35-071725 | BF143186.D | 22 Jul 2025 13:21 | | RC/JU | Ok,M |
| 12 | SSTDCCC040 | SSTDCCC040EC | BF143187.D | 22 Jul 2025 13:55 | | RC/JU | Ok |
| 13 | DFTPP | DFTPP | BF143188.D | 22 Jul 2025 14:54 | | RC/JU | Ok |
| 14 | SSTDCCC040 | SSTDCCC040 | BF143189.D | 22 Jul 2025 15:23 | | RC/JU | Ok |
| 15 | PB168954BL | PB168954BL | BF143190.D | 22 Jul 2025 15:52 | | RC/JU | Ok |
| 16 | Q2641-02 | P001-CONCRETE001- | BF143191.D | 22 Jul 2025 16:26 | | RC/JU | Ok |
| 17 | Q2649-04 | WC-1 | BF143192.D | 22 Jul 2025 16:55 | | RC/JU | Ok,M |
| 18 | Q2649-08 | WC-2 | BF143193.D | 22 Jul 2025 17:25 | | RC/JU | Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072225

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 8:23:11 AM | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 1:06:52 PM | | |
| SubDirectory | BF072225 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2649-12 | WC-3 | BF143194.D | 22 Jul 2025 17:54 | | RC/JU | Ok |
| 20 | Q2649-16 | WC-4 | BF143195.D | 22 Jul 2025 18:23 | | RC/JU | Ok |
| 21 | Q2649-20 | WC-5 | BF143196.D | 22 Jul 2025 18:53 | | RC/JU | Ok |
| 22 | Q2649-24 | WC-6 | BF143197.D | 22 Jul 2025 19:22 | | RC/JU | Ok |
| 23 | Q2646-03 | FRAC TANK | BF143198.D | 22 Jul 2025 19:51 | Internal standard fail. | RC/JU | Ok |
| 24 | Q2646-03MS | FRAC TANKMS | BF143199.D | 22 Jul 2025 20:20 | | RC/JU | Ok,M |
| 25 | Q2646-03MSD | FRAC TANKMSD | BF143200.D | 22 Jul 2025 20:49 | | RC/JU | Ok,M |
| 26 | Q2649-21 | WC-6 | BF143201.D | 22 Jul 2025 21:18 | | RC/JU | Ok |
| 27 | Q2649-13 | WC-4 | BF143202.D | 22 Jul 2025 21:48 | | RC/JU | Ok |
| 28 | Q2658-02 | PAD-072125-2 | BF143203.D | 22 Jul 2025 22:17 | | RC/JU | Ok |
| 29 | Q2658-01 | PAD-072125-1 | BF143204.D | 22 Jul 2025 22:46 | Internal standard fail. | RC/JU | Ok,M |
| 30 | Q2660-01 | MOO-25-0205 | BF143205.D | 22 Jul 2025 23:15 | Internal standard fail. | RC/JU | Ok |
| 31 | Q2649-17 | WC-5 | BF143206.D | 22 Jul 2025 23:43 | | RC/JU | Ok,M |
| 32 | Q2649-01 | WC-1 | BF143207.D | 23 Jul 2025 00:12 | | RC/JU | Ok,M |
| 33 | Q2660-03 | MOO-25-0218 | BF143208.D | 23 Jul 2025 00:41 | Internal standard fail | RC/JU | Ok |

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**Instrument ID:** BNA_F

## Daily Analysis Runlog For Sequence/QCBatch ID # BF072325

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/24/2025 10:37:52 AM | | |
| Supervise By | Jagrut | Supervise On | 7/24/2025 12:02:50 PM | | |
| SubDirectory | BF072325 | HP Acquire Method | BNA_F | HP Processing Method | bf071725 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BF143209.D | 23 Jul 2025 13:34 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BF143210.D | 23 Jul 2025 14:33 | | RC/JU | Ok |
| 3 | PB168926TB | PB168926TB | BF143211.D | 23 Jul 2025 15:02 | | RC/JU | Ok |
| 4 | PB168929BS | PB168929BS | BF143212.D | 23 Jul 2025 15:31 | | RC/JU | Ok,M |
| 5 | PB168954BS | PB168954BS | BF143213.D | 23 Jul 2025 16:00 | | RC/JU | Ok,M |
| 6 | PB168948BL | PB168948BL | BF143214.D | 23 Jul 2025 16:30 | | RC/JU | Ok |
| 7 | PB168948BS | PB168948BS | BF143215.D | 23 Jul 2025 16:59 | | RC/JU | Ok,M |
| 8 | Q2645-02 | RW5B-CARBON-2025( | BF143216.D | 23 Jul 2025 17:28 | Surrogate Fail | RC/JU | Ok |
| 9 | Q2649-05 | WC-2 | BF143217.D | 23 Jul 2025 17:57 | | RC/JU | Ok |
| 10 | Q2649-09 | WC-3 | BF143218.D | 23 Jul 2025 18:26 | | RC/JU | Ok |
| 11 | Q2649-09MS | WC-3MS | BF143219.D | 23 Jul 2025 18:56 | | RC/JU | Ok,M |
| 12 | Q2649-09MSD | WC-3MSD | BF143220.D | 23 Jul 2025 19:25 | | RC/JU | Ok,M |
| 13 | SSTDCCC040 | SSTDCCC040EC | BF143221.D | 23 Jul 2025 19:54 | | RC/JU | Ok |

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**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/22/2025 8:59:18 AM | | |
| Supervise By | Jagrut | Supervise On | 7/22/2025 9:10:39 AM | | |
| SubDirectory | BP072125 | HP Acquire Method | BNA_P | HP Processing Method | bp072125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S12674,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP025194.D | 21 Jul 2025 13:02 | | CG/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP025195.D | 21 Jul 2025 13:44 | A Fresh Calibration is required. | CG/JU | Not Ok |
| 3 | SSTDICC2.5 | SSTDICC2.5 | BP025196.D | 21 Jul 2025 14:25 | | CG/JU | Ok |
| 4 | SSTDICC005 | SSTDICC005 | BP025197.D | 21 Jul 2025 15:06 | | CG/JU | Ok,M |
| 5 | SSTDICC010 | SSTDICC010 | BP025198.D | 21 Jul 2025 15:47 | | CG/JU | Ok |
| 6 | SSTDICC020 | SSTDICC020 | BP025199.D | 21 Jul 2025 16:29 | | CG/JU | Ok |
| 7 | SSTDICCC040 | SSTDICCC040 | BP025200.D | 21 Jul 2025 17:10 | | CG/JU | Ok |
| 8 | SSTDICC050 | SSTDICC050 | BP025201.D | 21 Jul 2025 17:51 | | CG/JU | Ok,M |
| 9 | SSTDICC060 | SSTDICC060 | BP025202.D | 21 Jul 2025 18:32 | | CG/JU | Ok |
| 10 | SSTDICC080 | SSTDICC080 | BP025203.D | 21 Jul 2025 19:14 | Compound#79 removed from 80 PPM. | CG/JU | Ok,M |
| 11 | SSTDICV040 | ICVBP072125 | BP025204.D | 21 Jul 2025 19:55 | | CG/JU | Ok,M |
| 12 | PB168854BL | PB168854BL | BP025205.D | 21 Jul 2025 21:58 | | CG/JU | Ok |

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**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072225

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 10:35:56 AM | | |
| Supervise By | Jagrut | Supervise On | 7/23/2025 12:27:41 PM | | |
| SubDirectory | BP072225 | HP Acquire Method | BNA_P | HP Processing Method | bp072125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP025206.D | 22 Jul 2025 09:04 | | CG/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP025207.D | 22 Jul 2025 09:45 | | CG/JU | Ok |
| 3 | PB168929BL | PB168929BL | BP025208.D | 22 Jul 2025 10:26 | Use for DOD Projects only | CG/JU | Ok |
| 4 | Q2639-03 | OU4-TS-39-071725 | BP025209.D | 22 Jul 2025 11:10 | | CG/JU | Ok,M |
| 5 | Q2639-05 | OU4-TS-40-071725 | BP025210.D | 22 Jul 2025 11:51 | | CG/JU | Ok,M |
| 6 | Q2639-07 | OU4-TS-41-071725 | BP025211.D | 22 Jul 2025 12:32 | | CG/JU | Ok,M |
| 7 | Q2639-09 | OU4-TS-42-071725 | BP025212.D | 22 Jul 2025 13:14 | | CG/JU | Ok |
| 8 | Q2639-11 | OU4-TS-43-071725 | BP025213.D | 22 Jul 2025 13:55 | | CG/JU | Ok |
| 9 | Q2639-13 | OU4-TS-44-071725 | BP025214.D | 22 Jul 2025 14:36 | Surrogate Fail | CG/JU | ReRun |
| 10 | Q2638-07RE | OU4-TS-34-071725RE | BP025215.D | 22 Jul 2025 15:17 | surrogate & Internal Standard Fail | CG/JU | Not Ok |
| 11 | Q2638-11RE | OU4-TS-36-071725RE | BP025216.D | 22 Jul 2025 15:59 | Surrogate and Internal standard fail | CG/JU | Not Ok |
| 12 | SSTDCCC040 | SSTDCCC040EC | BP025217.D | 22 Jul 2025 16:47 | | CG/JU | Ok |

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**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP072325

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 7/23/2025 2:45:09 PM | | |
| Supervise By | Jagrut | Supervise On | 7/24/2025 12:01:29 PM | | |
| SubDirectory | BP072325 | HP Acquire Method | BNA_P | HP Processing Method | bp072125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC | SP6836 |
| Internal Standard/PEM | S13168,10ul/1000ul sample |
| ICV/I.BLK | SP6770 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP025218.D | 23 Jul 2025 10:41 | | CG/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP025219.D | 23 Jul 2025 11:22 | | CG/JU | Ok |
| 3 | PB168919TB | PB168919TB | BP025220.D | 23 Jul 2025 12:03 | | CG/JU | Ok |
| 4 | Q2638-13 | OU4-TS-37-071725 | BP025221.D | 23 Jul 2025 12:47 | Surrogate Fail | CG/JU | ReRun |
| 5 | Q2639-01 | OU4-TS-38-071725 | BP025222.D | 23 Jul 2025 13:28 | Surrogate fail | CG/JU | ReRun |
| 6 | Q2639-13 | OU4-TS-44-071725 | BP025223.D | 23 Jul 2025 14:09 | | CG/JU | Ok |
| 7 | Q2638-07RE | OU4-TS-34-071725RE | BP025224.D | 23 Jul 2025 14:51 | Surrogate Fail | CG/JU | Confirms |
| 8 | Q2638-11 | OU4-TS-36-071725 | BP025225.D | 23 Jul 2025 15:32 | Surrogate Fail | CG/JU | ReRun |
| 9 | SSTDCCC040 | SSTDCCC040EC | BP025226.D | 23 Jul 2025 16:13 | | CG/JU | Ok,M |
| 10 | DFTPP | DFTPP | BP025227.D | 23 Jul 2025 16:54 | | CG/JU | Ok |
| 11 | SSTDCCC040 | SSTDCCC040 | BP025228.D | 23 Jul 2025 18:16 | | CG/JU | Ok,M |
| 12 | PB168919TB | PB168919TB | BP025229.D | 23 Jul 2025 18:58 | Analyzed for contamination check | CG/JU | Not Ok |
| 13 | Q2638-13RE | OU4-TS-37-071725RE | BP025230.D | 23 Jul 2025 19:39 | Surrogate fail | CG/JU | Confirms |
| 14 | Q2639-01RE | OU4-TS-38-071725RE | BP025231.D | 23 Jul 2025 20:20 | Surrogate fail | CG/JU | Confirms |
| 15 | Q2638-11RE | OU4-TS-36-071725RE | BP025232.D | 23 Jul 2025 21:01 | Surrogate fail | CG/JU | Confirms |
| 16 | SSTDCCC040 | SSTDCCC040EC | BP025233.D | 23 Jul 2025 21:42 | | CG/JU | Ok |

M : Manual Integration

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/21/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 07/18/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:25
**Out Date:** 07/19/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136542

| Lab ID | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|---|---|---|---|---|---|---|---|---|
| Q2637-05 | SVOC-GPC-BLANK | 1 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2637-06 | PEST-GPC-BLANK | 2 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2637-07 | PEST-GPC-BLANK-SPIKE | 3 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2637-10 | SVOC-GPC2-BLANK | 4 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2637-11 | PEST-GPC2-BLANK | 5 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2637-12 | PEST-GPC2-BLANK-SPIKE | 6 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q2638-01 | OU4-TS-31-071725 | 7 | 1.15 | 10.44 | 11.59 | 8.29 | 68.4 | |
| Q2638-03 | OU4-TS-32-071725 | 8 | 1.14 | 10.41 | 11.55 | 7.92 | 65.1 | |
| Q2638-05 | OU4-TS-33-071725 | 9 | 1.12 | 10.69 | 11.81 | 8.04 | 64.7 | |
| Q2638-07 | OU4-TS-34-071725 | 10 | 1.18 | 10.81 | 11.99 | 8.58 | 68.5 | |
| Q2638-09 | OU4-TS-35-071725 | 11 | 1.18 | 10.24 | 11.42 | 9.62 | 82.4 | |
| Q2638-11 | OU4-TS-36-071725 | 12 | 1.16 | 10.22 | 11.38 | 9.53 | 81.9 | |
| Q2638-13 | OU4-TS-37-071725 | 13 | 1.14 | 10.27 | 11.41 | 9.48 | 81.2 | |
| Q2639-01 | OU4-TS-38-071725 | 14 | 1.16 | 10.58 | 11.74 | 9.69 | 80.6 | |
| Q2639-03 | OU4-TS-39-071725 | 15 | 1.12 | 10.64 | 11.76 | 9.74 | 81.0 | |
| Q2639-05 | OU4-TS-40-071725 | 16 | 1.16 | 10.23 | 11.39 | 9.42 | 80.7 | |
| Q2639-07 | OU4-TS-41-071725 | 17 | 1.18 | 10.20 | 11.38 | 9.54 | 82.0 | |
| Q2639-09 | OU4-TS-42-071725 | 18 | 1.19 | 10.34 | 11.53 | 7.42 | 60.3 | |
| Q2639-11 | OU4-TS-43-071725 | 19 | 1.19 | 10.67 | 11.86 | 7.38 | 58.0 | |
| Q2639-13 | OU4-TS-44-071725 | 20 | 1.12 | 10.87 | 11.99 | 8.18 | 64.9 | |
| Q2641-01 | P001-CONCRETE001-01 | 21 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q2645-02 | RW5B-CARBON-20250716 | 22 | 1.17 | 10.52 | 11.69 | 8.39 | 68.6 | |
| Q2648-01 | A3 | 23 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2648-02 | A4 | 24 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2648-03 | B2 | 25 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2648-04 | B3 | 26 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2648-05 | B4 | 27 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | WIPE SAMPLE |
| Q2651-01 | MH 2-1 | 28 | 1.18 | 10.67 | 11.85 | 11.26 | 94.5 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 7/21/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 07/18/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:25
**Out Date:** 07/19/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB136542

| Lab ID | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|---|---|---|---|---|---|---|---|---|
| Q2651-02 | MH 6-5 | 29 | 1.15 | 10.40 | 11.55 | 10.9 | 93.8 | |
| Q2651-03 | MH 7-6 | 30 | 1.12 | 10.20 | 11.32 | 10.7 | 93.9 | |
| Q2651-04 | MH 8-7 | 31 | 1.13 | 10.44 | 11.57 | 11.01 | 94.6 | |
| Q2651-05 | MH 9-8 | 32 | 1.13 | 10.27 | 11.4 | 10.67 | 92.9 | |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

VM 136542

**WorkList Name :** %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2637-05 | SVOC-GPC-BLANK | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2637-06 | PEST-GPC-BLANK | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2637-07 | PEST-GPC-BLANK-SPIKE | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2637-10 | SVOC-GPC2-BLANK | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2637-11 | PEST-GPC2-BLANK | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2637-12 | PEST-GPC2-BLANK-SPIKE | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2638-01 | OU4-TS-31-071725 | Solid | Percent Solids | Cool 4 deg C | CHEM02 | D31 | 07/11/2025 | Chemtech -SO |
| Q2638-03 | OU4-TS-32-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2638-05 | OU4-TS-33-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2638-07 | OU4-TS-34-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2638-09 | OU4-TS-35-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2638-11 | OU4-TS-36-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2638-13 | OU4-TS-37-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2639-01 | OU4-TS-38-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | Chemtech -SO |
| Q2639-03 | OU4-TS-39-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2639-05 | OU4-TS-40-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2639-07 | OU4-TS-41-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2639-09 | OU4-TS-42-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2639-11 | OU4-TS-43-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2639-13 | OU4-TS-44-071725 | Solid | Percent Solids | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | Chemtech -SO |
| Q2641-01 | P001-CONCRETE001-01 | Solid | Percent Solids | Cool 4 deg C | ROYF02 | O22 | 07/16/2025 | Chemtech -SO |

**Date/Time** 07/18/25 15:30

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

**Date/Time** 07/18/25 17:35

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

# WORKLIST(Hardcopy Internal Chain)

VB 136542

**WorkList Name :** %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2645-02 | RW5B-CARBON-20250716 | Solid | Percent Solids | Cool 4 deg C | TETR06 | O41 | 07/16/2025 | Chemtech -SO |
| Q2648-01 | A3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 07/18/2025 | Chemtech -SO |
| Q2648-02 | A4 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 07/18/2025 | Chemtech -SO |
| Q2648-03 | B2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 07/18/2025 | Chemtech -SO |
| Q2648-04 | B3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 07/18/2025 | Chemtech -SO |
| Q2648-05 | B4 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 07/18/2025 | Chemtech -SO |
| Q2651-01 | MH 2-1 | Solid | Percent Solids | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | Chemtech -SO |
| Q2651-02 | MH 6-5 | Solid | Percent Solids | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | Chemtech -SO |
| Q2651-03 | MH 7-6 | Solid | Percent Solids | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | Chemtech -SO |
| Q2651-04 | MH 8-7 | Solid | Percent Solids | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | Chemtech -SO |
| Q2651-05 | MH 9-8 | Solid | Percent Solids | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | Chemtech -SO |

**Date/Time** 07/18/25 15:00

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

**Date/Time** 07/18/25 17:35

**Raw Sample Received by:**

**Raw Sample Relinquished by:**

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB168929

| | | | | | |
|---|---|---|---|---|---|
| **SOP ID:** | M3541-ASE Extraction-15 | | | | |
| **Clean Up SOP #:** | N/A | | | **Extraction Start Date :** | 07/21/2025 |
| **Matrix :** | Solid | | | **Extraction Start Time :** | 09:30 |
| **Weigh By:** | EH | **Extraction By:** | RJ | **Extraction End Date :** | 07/21/2025 |
| **Balance check:** | RJ | **Filter By:** | RJ | **Extraction End Time :** | 12:45 |
| **Balance ID:** | EX-SC-2 | **pH Meter ID:** | N/A | **Concentration By:** | EH |
| **pH Strip Lot#:** | N/A | **Hood ID:** | 3,7 | **Supervisor By :** | RUPESH |

**Extraction Method:** ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 50/100 PPM | SP6849 |
| Surrogate | 1.0ML | 100/150 PPM | SP6852 |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| MeCl2/Acetone/1:1 | N/A | EP2626 |
| Baked Na2SO4 | N/A | EP2625 |
| Sand | N/A | E3951 |
| Methylene Chloride | N/A | E3954 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

**Extraction Conformance/Non-Conformance Comments:**

1.5ML Vail Lot # 2210443.

| | | | |
|---|---|---|---|
| **KD Bath ID:** | N/A | **Envap ID:** | NEVAP-02 |
| **KD Bath Temperature:** | N/A | **Envap Temperature:** | 40 °C |

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 7/21/25 | RS (Ext-lab) | Rc/SVOC |
| 12:50 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB168929**

**Analytical Method:** M3541-ASE Extraction-15 **Concentration Date:** 07/21/2025

| Sample ID | Client Sample ID | Test | g / mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB168929BL | SBLK929 | SVOCMS Group3 | 30.02 | N/A | ritesh | Evelyn | 1 | | | U2-1 |
| PB168929BS | SLCS929 | SVOCMS Group3 | 30.03 | N/A | ritesh | Evelyn | 1 | | | 2 |
| Q2635-01 | RT2286 | SVOC-TCL BNA -20 | 50.05 | N/A | ritesh | Evelyn | 1 | E | | 3 |
| Q2635-01MS | RT2286MS | SVOC-TCL BNA -20 | 50.07 | N/A | ritesh | Evelyn | 1 | E | | 4 |
| Q2635-01MSD | RT2286MSD | SVOC-TCL BNA -20 | 50.02 | N/A | ritesh | Evelyn | 1 | E | | 5 |
| Q2638-01 | OU4-TS-31-071725 | SVOCMS Group3 | 30.05 | N/A | ritesh | Evelyn | 1 | D | | 6 |
| Q2638-03 | OU4-TS-32-071725 | SVOCMS Group3 | 30.01 | N/A | ritesh | Evelyn | 1 | D | | U3-1 |
| Q2638-05 | OU4-TS-33-071725 | SVOCMS Group3 | 30.02 | N/A | ritesh | Evelyn | 1 | D | | 2 |
| Q2638-07 | OU4-TS-34-071725 | SVOCMS Group3 | 30.06 | N/A | ritesh | Evelyn | 1 | D | | 3 |
| Q2638-09 | OU4-TS-35-071725 | SVOCMS Group3 | 30.05 | N/A | ritesh | Evelyn | 1 | D | | 4 |
| Q2638-11 | OU4-TS-36-071725 | SVOCMS Group3 | 30.03 | N/A | ritesh | Evelyn | 1 | D | | 5 |
| Q2638-13 | OU4-TS-37-071725 | SVOCMS Group3 | 30.08 | N/A | ritesh | Evelyn | 1 | D | | 6 |
| Q2639-01 | OU4-TS-38-071725 | SVOCMS Group3 | 30.02 | N/A | ritesh | Evelyn | 1 | D | | U6-1 |
| Q2639-03 | OU4-TS-39-071725 | SVOCMS Group3 | 30.05 | N/A | ritesh | Evelyn | 1 | D | | 2 |
| Q2639-05 | OU4-TS-40-071725 | SVOCMS Group3 | 30.04 | N/A | ritesh | Evelyn | 1 | D | | 3 |
| Q2639-07 | OU4-TS-41-071725 | SVOCMS Group3 | 30.01 | N/A | ritesh | Evelyn | 1 | D | | 4 |
| Q2639-09 | OU4-TS-42-071725 | SVOCMS Group3 | 30.06 | N/A | ritesh | Evelyn | 1 | D | | 5 |
| Q2639-11 | OU4-TS-43-071725 | SVOCMS Group3 | 30.07 | N/A | ritesh | Evelyn | 1 | D | | 6 |
| Q2639-13 | OU4-TS-44-071725 | SVOCMS Group3 | 30.03 | N/A | ritesh | Evelyn | 1 | D | | U1-1 |
| Q2651-01 | MH 2-1 | SVOC-TCL BNA -20 | 30.05 | N/A | ritesh | Evelyn | 1 | B | | 2 |
| Q2651-02 | MH 6-5 | SVOC-TCL BNA -20 | 30.01 | N/A | ritesh | Evelyn | 1 | B | | 3 |
| Q2651-03 | MH 7-6 | SVOC-TCL BNA -20 | 30.06 | N/A | ritesh | Evelyn | 1 | B | | 4 |
| Q2651-04 | MH 8-7 | SVOC-TCL BNA -20 | 30.04 | N/A | ritesh | Evelyn | 1 | B | | 5 |
| Q2651-05 | MH 9-8 | SVOC-TCL BNA -20 | 30.08 | N/A | ritesh | Evelyn | 1 | B | | 6 |

* **Extracts relinquished on the same date as received.**

168929 9:30

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q2651 **WorkList ID :** 190840 **Department :** Extraction **Date :** 07-21-2025 08:46:06

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2635-01 | RT2286 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03 | D31 | 07/17/2025 | 8270E |
| Q2638-01 | OU4-TS-31-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-03 | OU4-TS-32-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-05 | OU4-TS-33-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-07 | OU4-TS-34-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-09 | OU4-TS-35-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-11 | OU4-TS-36-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2638-13 | OU4-TS-37-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O21 | 07/17/2025 | 8270E |
| Q2639-01 | OU4-TS-38-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-03 | OU4-TS-39-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-05 | OU4-TS-40-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-07 | OU4-TS-41-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-09 | OU4-TS-42-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-11 | OU4-TS-43-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2639-13 | OU4-TS-44-071725 | Solid | SVOCMS Group3 | Cool 4 deg C | NOBI03 | O13 | 07/17/2025 | 8270E |
| Q2651-01 | MH 2-1 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | 8270E |
| Q2651-02 | MH 6-5 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | 8270E |
| Q2651-03 | MH 7-6 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | 8270E |
| Q2651-04 | MH 8-7 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | 8270E |
| Q2651-05 | MH 9-8 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | EARTH03 | O22 | 07/17/2025 | 8270E |

**Date/Time** 07/21/25 9:25
**Raw Sample Received by:** RJ (EFI-Lab)
**Raw Sample Relinquished by:**

**Date/Time** 07/21/25 9:55
**Raw Sample Received by:**
**Raw Sample Relinquished by:** RJ (EFI-Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

# Prep Standard - Chemical Standard Summary

**Order ID :** Q2639

**Test :** SVOCMS Group3

**Prepbatch ID :** PB168929,

**Sequence ID/Qc Batch ID:** BF072225,BF072325,BP072225,BP072325,

**Standard ID :**
EP2625,EP2626,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

**Chemical ID :**
10ul/1000ul sample,E3551,E3904,E3926,E3932,E3942,E3946,E3949,E3951,E3954,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13168,S13206,S13208,S13209,S13210,S13211,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Extractions STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3923 | Baked Sodium Sulfate | EP2625 | 07/15/2025 | 12/04/2025 | RUPESHKUMAR SHAH | Extraction_SCALE_2 (EX-SC-2) | None | Riteshkumar Patel 07/15/2025 |

**FROM** 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2017 | 1:1 ACETONE/METHYLENE CHLORIDE | EP2626 | 07/15/2025 | 01/15/2026 | RUPESHKUMAR SHAH | None | None | Riteshkumar Patel 07/15/2025 |

**FROM** 8000.00000ml of E3949 + 8000.00000ml of E3954 = Final Quantity: 16000.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3895 | 50 ug/ml DFTPP 8270E | SP6757 | 03/31/2025 | 09/30/2025 | Rahul Chavli | None | None | Jagrut Upadhyay 04/01/2025 |

**FROM** 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 18 | Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP) | SP6769 | 04/10/2025 | 09/10/2025 | Jagrut Upadhyay | None | None | Sohil Jodhani 04/16/2025 |

**FROM** 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 416 | 40 ng BNA ICV, 40 PPM | SP6770 | 04/10/2025 | 09/10/2025 | Jagrut Upadhyay | None | None | Sohil Jodhani 04/16/2025 |

**FROM** 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4178 | 8270/625.1 Stock Solution-2 100 ng | SP6832 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4179 | 80 ng BNA ICC | SP6833 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4180 | 60 ng BNA ICC | SP6834 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4181 | 50 ng BNA ICC | SP6835 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4182 | 40 ng BNA ICC | SP6836 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4183 | 20 ng BNA ICC | SP6837 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4184 | 10 ng BNA ICC | SP6838 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4185 | 5 ng BNA ICC | SP6839 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4186 | 2.5 ng BNA ICC | SP6840 | 06/19/2025 | 10/28/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/21/2025 |

**FROM** 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 171 | 8270/625 Spike Solution, 50/100 PPM | SP6849 | 07/01/2025 | 09/30/2025 | Rahul Chavli | None | None | Jagrut Upadhyay 07/01/2025 |

**FROM** 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 19 | 8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID | SP6852 | 07/02/2025 | 09/18/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 07/02/2025 |

**FROM** 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 ml

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 313201 | 12/04/2025 | 01/03/2024 / Rajesh | 07/20/2023 / Rajesh | E3551 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 24K1762005 | 01/07/2026 | 03/13/2025 / | 12/27/2024 / RUPESH | E3904 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25A0262002 | 10/08/2025 | 04/08/2025 / Rajesh | 02/07/2025 / Rajesh | E3926 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 11/05/2025 | 05/05/2025 / RUPESH | 04/23/2025 / RUPESH | E3932 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25A2862010 | 12/13/2025 | 06/13/2025 / Rajesh | 02/28/2025 / Rajesh | E3942 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027 | 07/01/2025 / RUPESH | 06/19/2025 / RUPESH | E3946 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 04/18/2027 | 07/08/2025 / RITESHKUMAR | 07/03/2025 / RUPESH | E3949 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 25A2756718 | 12/31/2028 | 07/09/2025 / RUPESH | 04/28/2020 / RUPESH | E3951 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25B1862001 | 03/19/2026 | 07/14/2025 / RUPESH | 06/11/2025 / RUPESH | E3954 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml | 440246 | 12/19/2025 | 06/19/2025 / Jagrut | 12/09/2021 / Christian | S10105 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3] | A0200549 | 10/30/2025 | 04/30/2025 / Rahul | 08/10/2023 / yogesh | S11484 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml | 506889 | 10/28/2025 | 04/28/2025 / Jagrut | 08/11/2023 / Yogesh | S11496 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555872 / Custom Standard, pentachlorophenol Std [CS 5328-5] | A0201728 | 01/01/2026 | 07/01/2025 / Rahul | 11/09/2023 / Yogesh | S11651 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0196453 | 09/10/2025 | 03/10/2025 / anahy | 11/21/2023 / Rahul | S11788 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 01/01/2026 | 07/01/2025 / Rahul | 11/21/2023 / rahul | S11801 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 01/01/2026 | 07/01/2025 / Rahul | 11/21/2023 / rahul | S11802 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 01/01/2026 | 07/01/2025 / Rahul | 11/21/2023 / rahul | S11805 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 12/04/2025 | 06/04/2025 / Jagrut | 11/21/2023 / rahul | S11806 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 01/01/2026 | 07/01/2025 / Rahul | 11/21/2023 / rahul | S11807 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml | 454157 | 10/28/2025 | 04/28/2025 / Jagrut | 03/08/2024 / Rahul | S12115 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul | A0206206 | 09/18/2025 | 03/18/2025 / anahy | 03/15/2024 / Rahul | S12195 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul | A0206206 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12196 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul | A0206206 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12197 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul | A0206206 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12198 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml | A0206381 | 09/18/2025 | 03/18/2025 / anahy | 03/15/2024 / Rahul | S12216 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml | A0206381 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12217 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml | A0206381 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12218 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml | A0206381 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12219 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml | A0206381 | 01/02/2026 | 07/02/2025 / Jagrut | 03/15/2024 / Rahul | S12220 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml | 520963 | 12/03/2025 | 06/03/2025 / Jagrut | 05/24/2024 / Rahul | S12272 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days) | 495833 | 11/05/2025 | 05/05/2025 / Jagrut | 05/24/2024 / Rahul | S12277 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days) | 495833 | 12/19/2025 | 06/19/2025 / Jagrut | 05/24/2024 / Rahul | S12278 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 09/10/2025 | 03/10/2025 / anahy | 07/23/2024 / RAHUL | S12486 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12499 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12500 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12501 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12502 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12503 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12504 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12505 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12506 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1] | A0214021 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12507 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 10/10/2025 | 04/10/2025 / Jagrut | 07/23/2024 / RAHUL | S12534 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 12/04/2025 | 06/04/2025 / Jagrut | 07/23/2024 / RAHUL | S12545 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12546 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12547 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12548 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12549 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12550 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12551 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2] | A0214017 | 01/01/2026 | 07/01/2025 / Rahul | 07/23/2024 / RAHUL | S12552 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL, | A0212955 | 06/30/2027 | 03/31/2025 / Rahul | 08/01/2024 / Rahul | S12577 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL | A0212266 | 04/30/2030 | 04/07/2025 / anahy | 09/20/2024 / anahy | S12658 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL | A0212266 | 12/16/2025 | 06/16/2025 / anahy | 09/20/2024 / anahy | S12670 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/10/2025 | 03/10/2025 / anahy | 12/11/2024 / anahy | S12974 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12987 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12988 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12989 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12990 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12991 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0219438 | 09/30/2025 | 07/01/2025 / Rahul | 12/11/2024 / anahy | S12992 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days) | 531243 | 12/19/2025 | 06/19/2025 / Jagrut | 01/16/2025 / anahy | S13057 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| CPI International | Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days) | 525551 | 11/05/2025 | 05/05/2025 / Jagrut | 03/10/2025 / anahy | S13078 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0221014 | 11/30/2025 | 07/01/2025 / Rahul | 05/20/2025 / Rahul | S13088 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0221014 | 11/30/2025 | 07/01/2025 / Rahul | 05/20/2025 / Rahul | S13089 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2] | A0201702 | 12/03/2025 | 06/03/2025 / Jagrut | 11/13/2023 / Rahul | S13148 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4] | A0226283 | 12/04/2025 | 06/04/2025 / Jagrut | 06/04/2025 / Rahul | S13158 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4] | A0226283 | 01/01/2026 | 07/01/2025 / Rahul | 06/04/2025 / Rahul | S13159 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL | A0224359 | 01/22/2026 | 07/22/2025 / Rahul | 06/02/2025 / anahy | S13168 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 555868 / Custom Standard, Benzidine Std [CS 5328-1] | A0226493 | 01/01/2026 | 07/01/2025 / Rahul | 06/11/2025 / anahy | S13206 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 70434 / Acetophenone, Single compound solution, 1000 PPM | 121622 | 12/19/2025 | 06/19/2025 / Rahul | 06/19/2025 / Rahul | S13208 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 91126 / Benzoic acid 2000 ug/mL | 060625 | 12/19/2025 | 06/19/2025 / Rahul | 06/19/2025 / Rahul | S13209 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 90495 / 1,1-Biphenyl 2000 ug/mL | 042325 | 12/19/2025 | 06/19/2025 / Rahul | 06/19/2025 / Rahul | S13210 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL | 092324 | 12/19/2025 | 06/19/2025 / Rahul | 06/19/2025 / Rahul | S13211 |

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

# Certificate of Analysis

Rev 0 

| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-112090-04 | 440246 | ≤ -10 °C | Methylene Chloride | 2/16/2026 | CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 2-chlorophenol-$d_4$ | 93951-73-6 | 99.3 | 248.12.7P | 7487 ± 17.2 |
| 2-fluorophenol | 367-12-4 | 99.8 | 10.7.3.3P | 7513 ± 17.26 |
| phenol-d6 | 13127-88-3 | 99.9 | 949.120.8P | 7481 ± 17.19 |
| 2,4,6-tribromophenol | 118-79-6 | 99.8 | 12.1.6P | 7469 ± 17.17 |

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione
Erica Castiglione
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

# CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| PRODUCT : | SODIUM SULFATE CRYSTALS ANHYDROUS | | |
| QUALITY : | ACS (CODE RMB3375) | FORMULA : | $Na_2SO_4$ |
| SPECIFICATION NUMBER : | 6399 | RELEASE DATE: | ABR/21/2023 |
| LOT NUMBER : | 313201 | | |

| TEST | SPECIFICATIONS | LOT VALUES |
|---|---|---|
| Assay ($Na_2SO_4$) | Min. 99.0% | 99.7 % |
| pH of a 5% solution at 25°C | 5.2 - 9.2 | 6.1 |
| Insoluble matter | Max. 0.01% | 0.005 % |
| Loss on ignition | Max. 0.5% | 0.1 % |
| Chloride (Cl) | Max. 0.001% | <0.001 % |
| Nitrogen compounds (as N) | Max. 5 ppm | <5 ppm |
| Phosphate ($PO_4$) | Max. 0.001% | <0.001 % |
| Heavy metals (as Pb) | Max. 5 ppm | <5 ppm |
| Iron (Fe) | Max. 0.001% | <0.001 % |
| Calcium (Ca) | Max. 0.01% | 0.002 % |
| Magnesium (Mg) | Max. 0.005% | 0.001 % |
| Potassium (K) | Max. 0.008% | 0.003 % |
| Extraction-concentration suitability | Passes test | Passes test |
| Appearance | Passes test | Passes test |
| Identification | Passes test | Passes test |
| Solubility and foreing matter | Passes test | Passes test |
| Retained on US Standard No. 10 sieve | Max. 1% | 0.1 % |
| Retained on US Standard No. 60 sieve | Min. 94% | 97.3 % |
| Through US Standard No. 60 sieve | Max. 5% | 2.5 % |
| Through US Standard No. 100 sieve | Max. 10% | 0.1 % |

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RI on 7/24/23 E3551

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 4 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 99.9 % |
| Color (APHA) | <= 10 | 10 |
| Residue after Evaporation | <= 1.0 ppm | 0.8 ppm |
| Titrable Acid (µeq/g) | <= 0.3 | <0.1 |
| Chloride (Cl) | <= 10 ppm | <5 ppm |
| Water (by KF, coulometric) | <= 0.02 % | <0.01 % |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.8 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | 0.2 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 1 |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 2 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 99.9 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.3 ppm |
| Titrable Acid (µeq/g) | <= 0.3 | <0.1 |
| Chloride (Cl) | <= 10 ppm | <5 ppm |
| Water (by KF, coulometric) | <= 0.02 % | <0.01 % |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.8 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | 0.2 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 1 |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RS 6/19/25

E3946

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.0 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | <0.1 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 1 |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Read on 7/2/25

E3949

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

VWR®
BDH® CHEMICALS

# Certificate of Analysis

| | |
|---|---|
| Material | BDH9274-2.5KG |
| Material Description | BDH SAND STDD OTTAWA W+I 2.5KG |
| Grade | NOT APPLICABLE |
| Batch | 25A2756718 |
| Reassay Date | 12/31/2028 |
| CAS Number | 14808-60-7 |
| Molecular Formula | SiO2 |
| Molecular Mass | 60.09 |
| Date of Manufacture | 12/05/2024 |
| Storage | Room Temperature |

| Characteristics | Specifications | Measured Values |
|---|---|---|
| Appearance | Beige granules. | Beige granules. |
| Moisture | <= 0.1 % | 0.1 % |
| Particle Size 30-40 mesh | >= 80 % | 99 % |
| CUSTOMER PART # BDH9274-2.5KG | | |

Received on 7/9/25.

E3951

Internal ID #: 793

| Signature | Additional Information |
|---|---|
| We certify that this batch conforms to the specifications listed above. | Analysis may have been rounded to significant digits in specification limits |
| This document has been electronically produced and is valid without a signature. | Product meets analytical specifications of the grades listed. |
| Leona Edwardson, Quality Control Sr. Manager - Solon<br>VWR Chemicals, LLC.<br>28600 Fountain Parkway, Solon OH 44139 USA | |

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 2 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 99.9 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.3 ppm |
| Titrable Acid (µeq/g) | <= 0.3 | <0.1 |
| Chloride (Cl) | <= 10 ppm | <5 ppm |
| Water (by KF, coulometric) | <= 0.02 % | <0.01 % |

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555870 **Lot No.:** A0200549

**Description :** Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2,4-Dinitrophenol | 51-28-5 | DR230417RSR | 99% | 25,008.0 µg/mL | +/- 777.3323 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

# Certificate of Analysis

Rev 0



| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-110094-02 | 506889 | ≤ -10 °C | Methylene Chloride | 7/25/2028 | CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 1,2-dichlorobenzene-$d_4$ | 2199-69-1 | 99.7 | 247.29.3P | 5035 ± 28.02 |
| 2-fluorobiphenyl | 321-60-8 | 99.69 | 8.286.1.1P | 4999 ± 103.66 |
| nitrobenzene-d5 | 4165-60-0 | 99.67 | 7.9.3P | 4988 ± 27.32 |
| p-terphenyl-d14 | 1718-51-0 | 99.3 | 9.120.8P | 5005 ± 27.85 |

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*gravimetric*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555872 **Lot No.:** A0201728

**Description :** Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pentachlorophenol | 87-86-5 | RP230530RSR | 99% | 25,000.0 µg/mL | +/- 777.0837 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Josh McCloskey - Operations Technician I

**Date Mixed:** 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0196453

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBN3770 | 99% | 2,013.0 µg/mL | +/- 25.0521 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

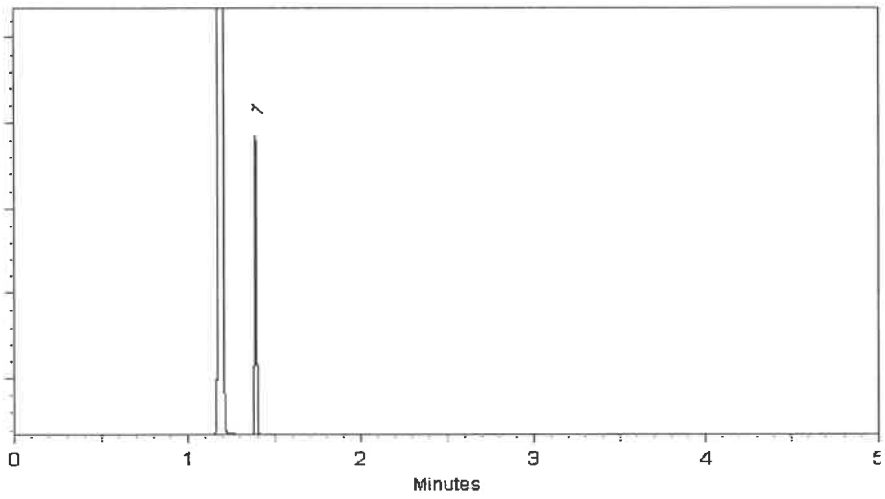
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

**Date Mixed:** 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 31-Mar-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0200655

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBQ1693 | 99% | 2,007.0 µg/mL | +/- 24.9775 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

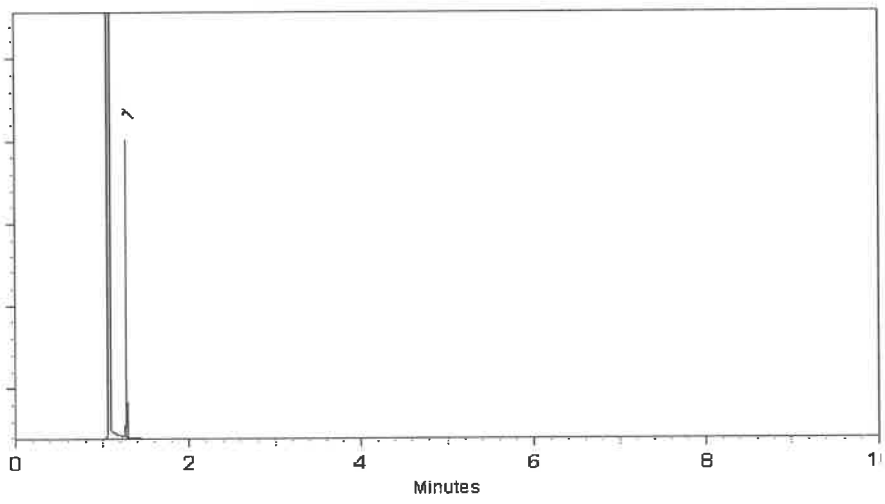
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Aug-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0200655

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBQ1693 | 99% | 2,007.0 µg/mL | +/- 24.9775 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

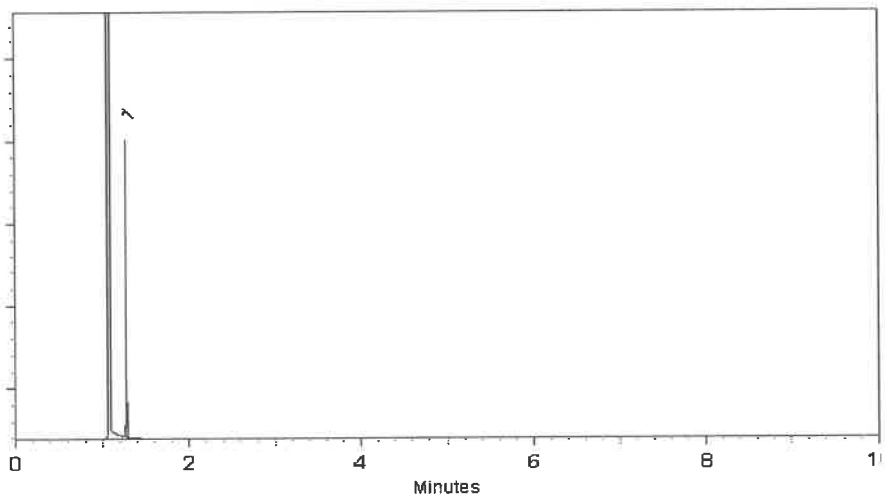
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Aug-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

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# Certificate of Analysis

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0200655

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBQ1693 | 99% | 2,007.0 µg/mL | +/- 24.9775 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

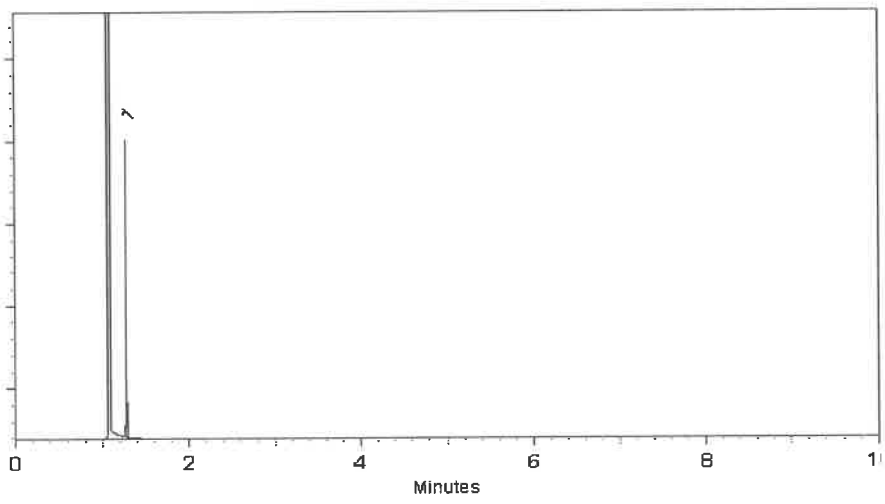
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Aug-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0200655

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11795 ↓ S11808 RC 11/30/23

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBQ1693 | 99% | 2,007.0 µg/mL | +/- 24.9775 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

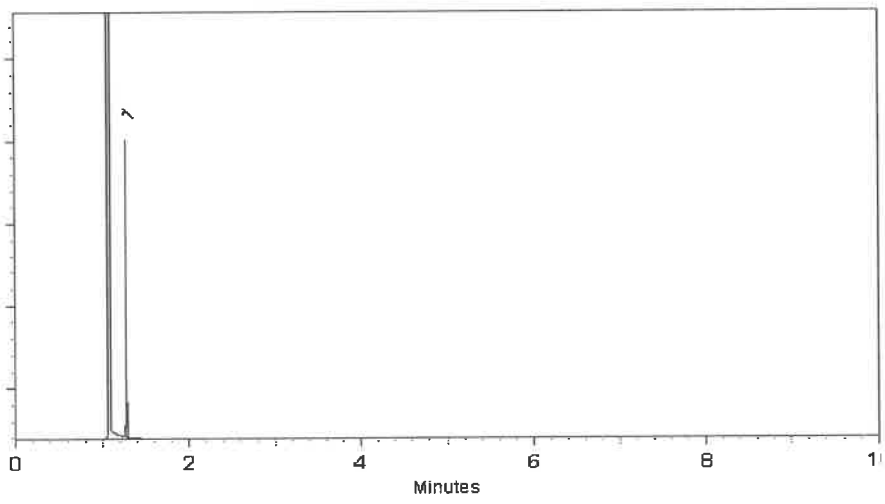
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Aug-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31853 **Lot No.:** A0200655

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

S11795 ↓ S11808 RC 11/30/23

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBQ1693 | 99% | 2,007.0 µg/mL | +/- 24.9775 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

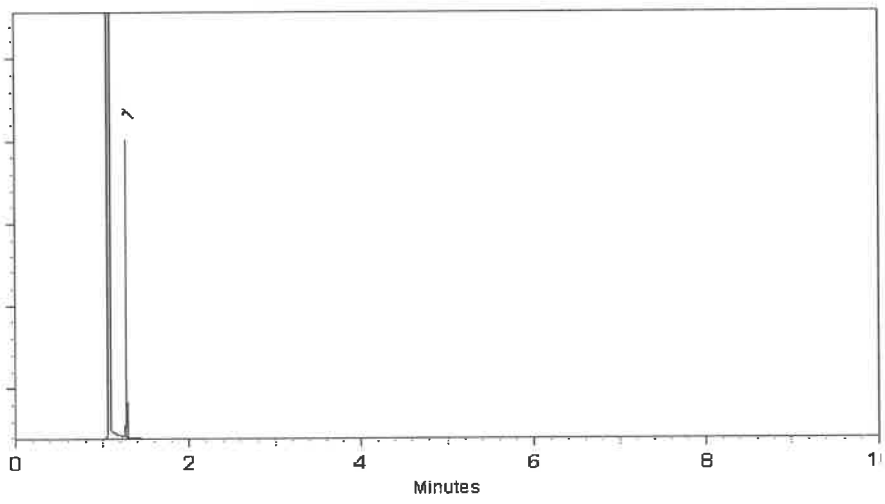
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Aug-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

# Certificate of Analysis

Rev 0



| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-020223-01 | 454157 | ≤ -10 °C | P/T Methanol | 6/10/2026 | 1,4-Dioxane Solution, 2000 mg/L, 1 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 1,4-dioxane | 123-91-1 | 100 | 223.1.3P | 1997 ± 57.08 |

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

*chromatographic plus*

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

**Description :** Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** January 31, 2032 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Fluorophenol | 367-12-4 | STBK1705 | 99% | 10,005.3 µg/mL | +/- 302.5390 |
| 2 | Phenol-d6 | 13127-88-3 | PR-33287A | 99% | 10,005.5 µg/mL | +/- 302.5475 |
| 3 | 2,4,6-Tribromophenol | 118-79-6 | RP230831RSR | 99% | 10,006.6 µg/mL | +/- 302.5783 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

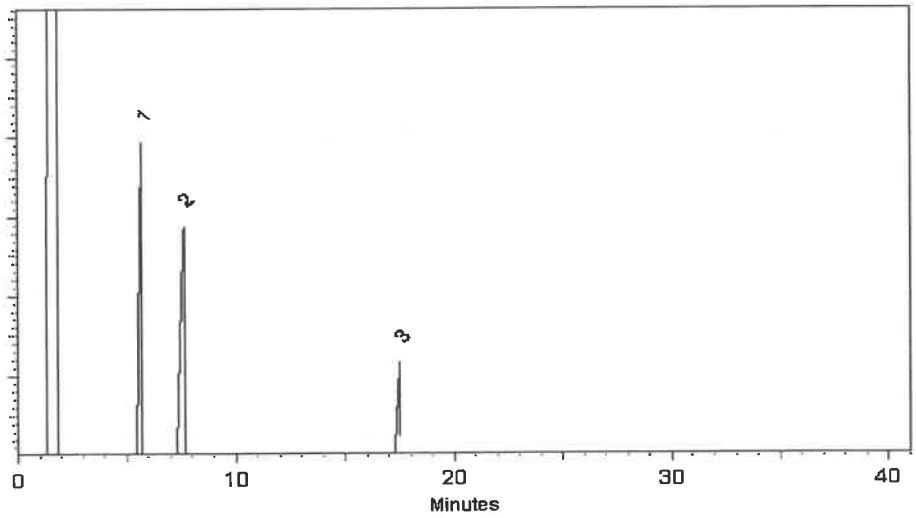
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 08-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31087 **Lot No.:** A0206206

**Description :** Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** January 31, 2032 **Storage:** 10°C or colder

**Ship:** Ambient

S12187 ↓ S12206 } RC/ 03/18/24

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Fluorophenol | 367-12-4 | STBK1705 | 99% | 10,005.3 µg/mL | +/- 302.5390 |
| 2 | Phenol-d6 | 13127-88-3 | PR-33287A | 99% | 10,005.5 µg/mL | +/- 302.5475 |
| 3 | 2,4,6-Tribromophenol | 118-79-6 | RP230831RSR | 99% | 10,006.6 µg/mL | +/- 302.5783 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

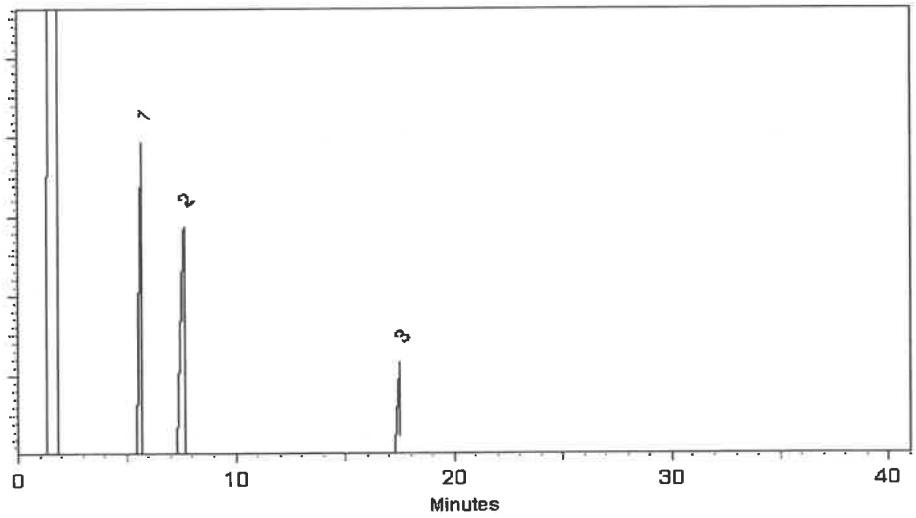
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 08-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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CERTIFIED REFERENCE MATERIAL

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

**Description :** Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** January 31, 2032 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Fluorophenol | 367-12-4 | STBK1705 | 99% | 10,005.3 µg/mL | +/- 302.5390 |
| 2 | Phenol-d6 | 13127-88-3 | PR-33287A | 99% | 10,005.5 µg/mL | +/- 302.5475 |
| 3 | 2,4,6-Tribromophenol | 118-79-6 | RP230831RSR | 99% | 10,006.6 µg/mL | +/- 302.5783 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

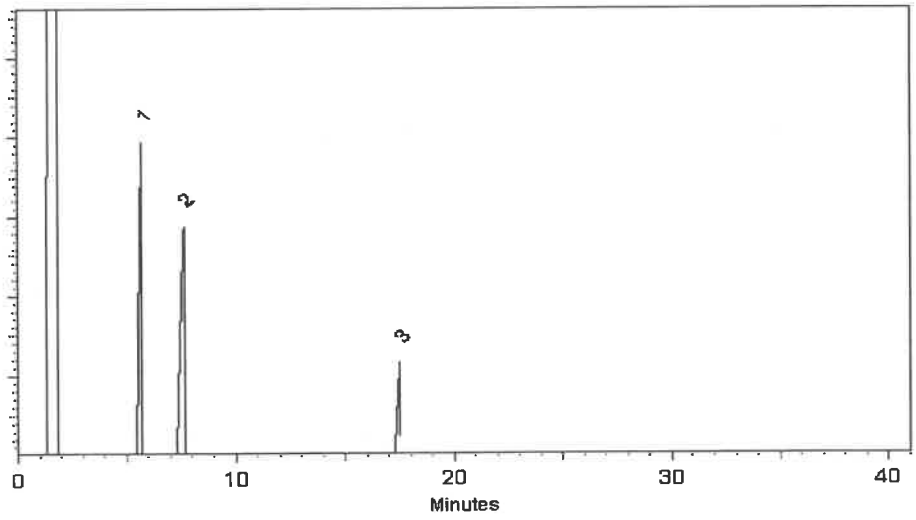
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 08-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31087 **Lot No.:** A0206206

**Description :** Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** January 31, 2032 **Storage:** 10°C or colder

**Ship:** Ambient

S12187 ↓ S12206 } RC/ 03/18/24

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Fluorophenol | 367-12-4 | STBK1705 | 99% | 10,005.3 µg/mL | +/- 302.5390 |
| 2 | Phenol-d6 | 13127-88-3 | PR-33287A | 99% | 10,005.5 µg/mL | +/- 302.5475 |
| 3 | 2,4,6-Tribromophenol | 118-79-6 | RP230831RSR | 99% | 10,006.6 µg/mL | +/- 302.5783 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

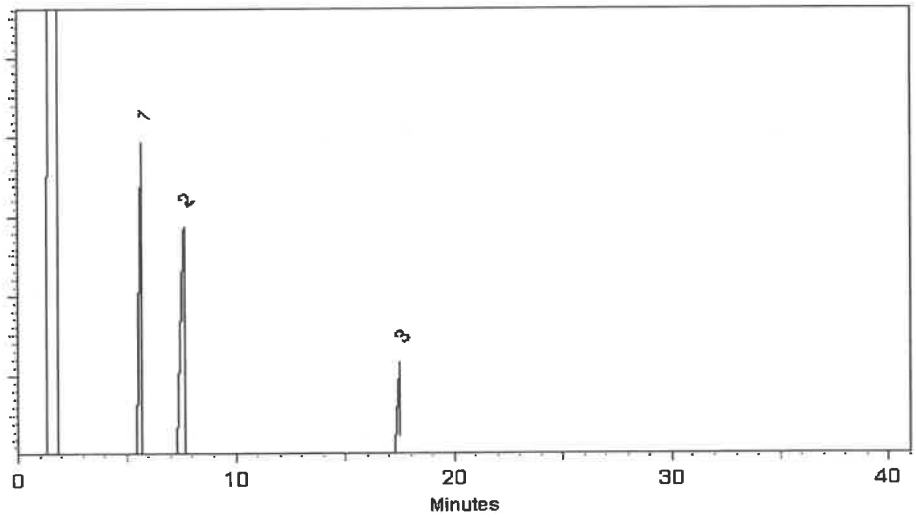
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 08-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0206381

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** December 31, 2029 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Nitrobenzene-d5 | 4165-60-0 | I-25158 | 99% | 5,029.3 µg/mL | +/- 226.5204 |
| 2 | 2-Fluorobiphenyl | 321-60-8 | 00021384 | 99% | 5,030.9 µg/mL | +/- 226.5936 |
| 3 | p-Terphenyl-d14 | 1718-51-0 | PR-32599 | 99% | 5,026.4 µg/mL | +/- 226.3909 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

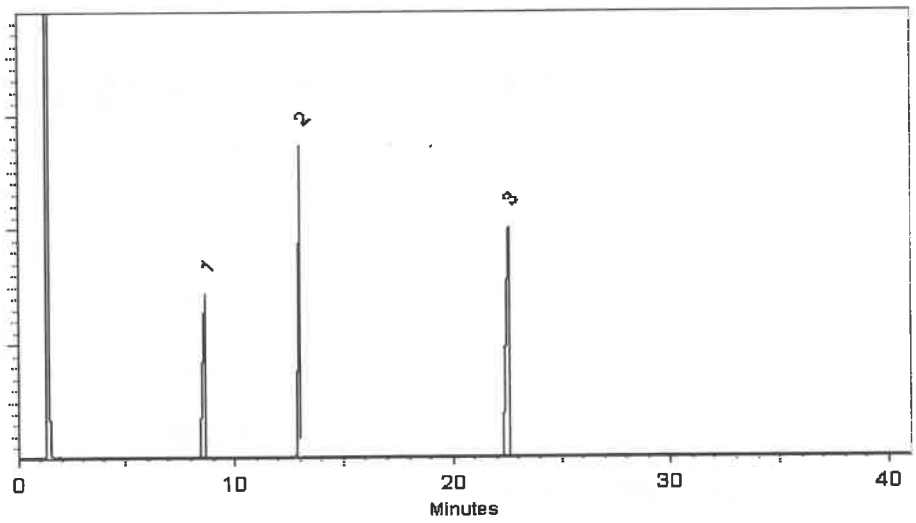
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

**Date Mixed:** 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 11-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0206381

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** December 31, 2029 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Nitrobenzene-d5 | 4165-60-0 | I-25158 | 99% | 5,029.3 µg/mL | +/- 226.5204 |
| 2 | 2-Fluorobiphenyl | 321-60-8 | 00021384 | 99% | 5,030.9 µg/mL | +/- 226.5936 |
| 3 | p-Terphenyl-d14 | 1718-51-0 | PR-32599 | 99% | 5,026.4 µg/mL | +/- 226.3909 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

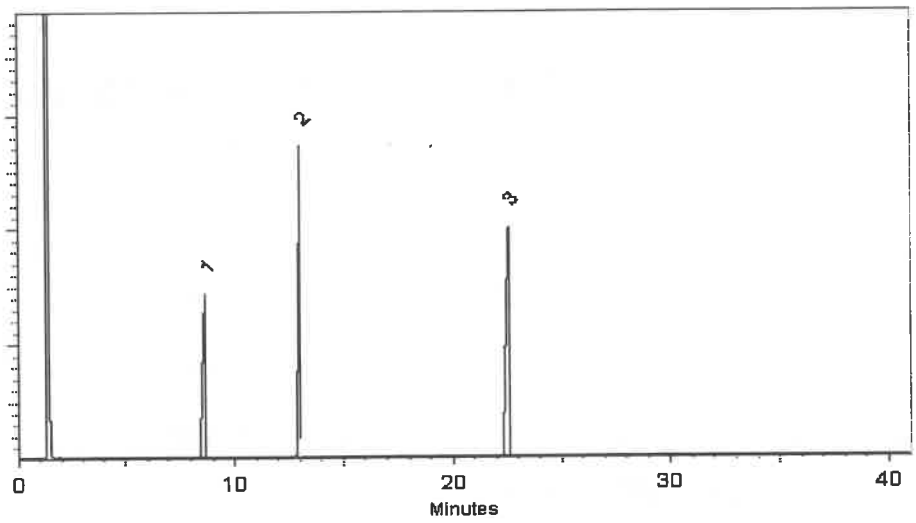
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl

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Jess Hoy - Operations Tech I

**Date Mixed:** 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 11-Jan-2024

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0206381

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** December 31, 2029 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Nitrobenzene-d5 | 4165-60-0 | I-25158 | 99% | 5,029.3 µg/mL | +/- 226.5204 |
| 2 | 2-Fluorobiphenyl | 321-60-8 | 00021384 | 99% | 5,030.9 µg/mL | +/- 226.5936 |
| 3 | p-Terphenyl-d14 | 1718-51-0 | PR-32599 | 99% | 5,026.4 µg/mL | +/- 226.3909 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

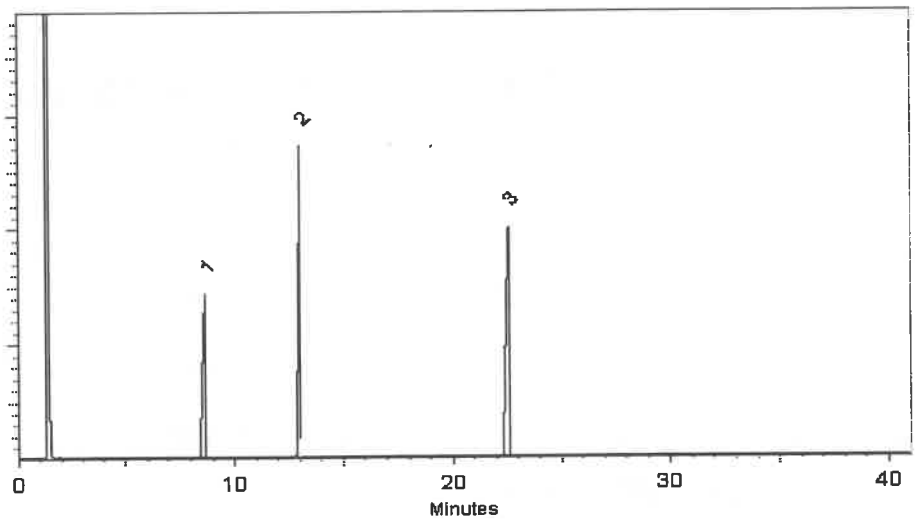
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
2 ml/min.

**Inj. Vol**
1µl

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Jess Hoy - Operations Tech I

**Date Mixed:** 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 11-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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# Certificate of Analysis

***chromatographic plus***

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**Catalog No. :** 31086 **Lot No.:** A0206381

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** December 31, 2029 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
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* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

# Quality Confirmation Test

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30m x 0.25mm x 0.25µm
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**Det. Type:**
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**Split Vent:**
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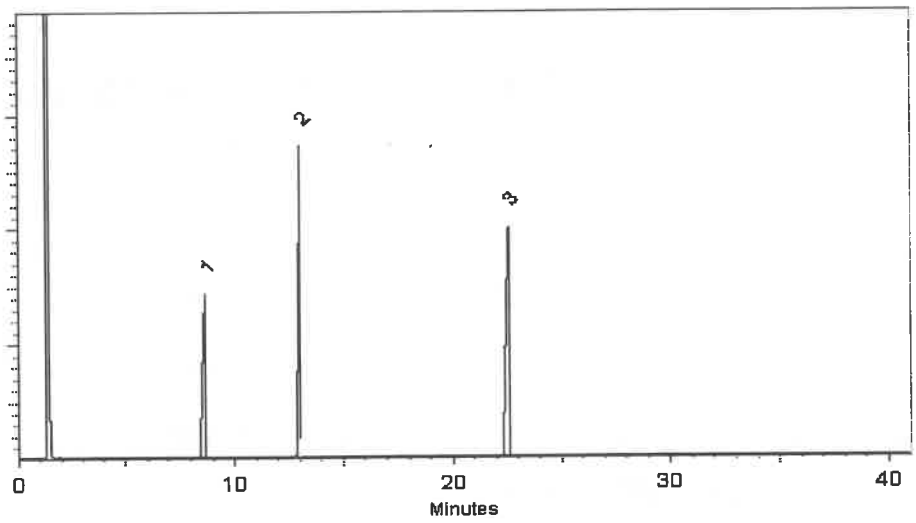


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Jess Hoy - Operations Tech I

**Date Mixed:** 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 11-Jan-2024

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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**Catalog No. :** 31086 **Lot No.:** A0206381

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** December 31, 2029 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
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* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
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**Det. Type:**
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**Split Vent:**
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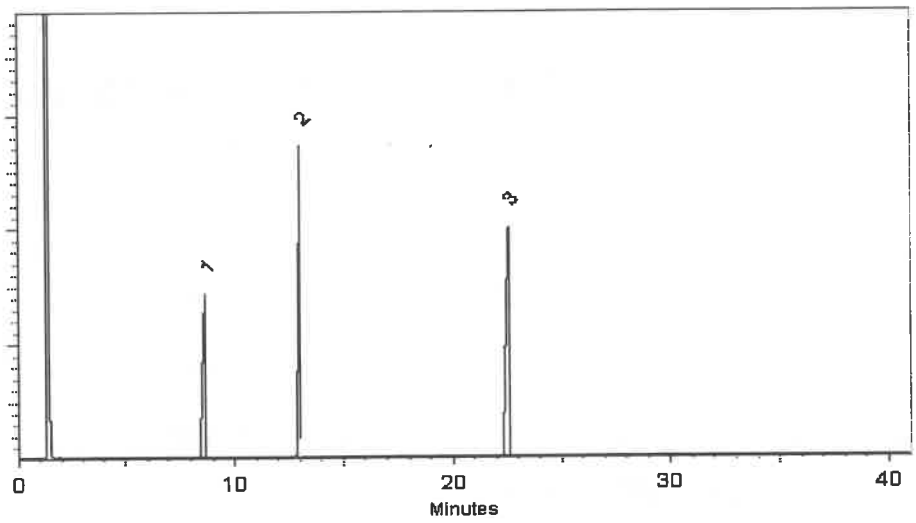


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Jess Hoy - Operations Tech I

**Date Mixed:** 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 11-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

# Certificate of Analysis

Rev 0



| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-110381-01 | 520963 | ≤ -10 °C | Methylene Chloride | 10/10/2028 | Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| acenaphthene | 83-32-9 | 99.9 | 13.1.5P | 1010 ± 9.89 |
| acenaphthylene | 208-96-8 | 97.6 | 14.290.1P | 1014 ± 9.93 |
| aniline | 62-53-3 | 99.97 | 64.1.4P | 1001 ± 9.8 |
| anthracene | 120-12-7 | 99.5 | 15.7.1P | 999.6 ± 9.79 |
| azobenzene | 103-33-3 | 98.1 | 252.7.2P | 999.1 ± 9.8 |
| benzo[a]anthracene | 56-55-3 | 100 | 16.7.3P | 1007 ± 9.86 |
| benzo[b]fluoranthene | 205-99-2 | 99.8 | 17.421.3P | 1011 ± 14.11 |
| benzo[k]fluoranthene | 207-08-9 | 98.9 | 18.421.4P | 1001 ± 10.96 |
| benzo[ghi]perylene | 191-24-2 | 93 | 19.286.4P | 999.6 ± 13.95 |
| benzo[a]pyrene | 50-32-8 | 97 | 20.286.2P | 999.9 ± 22.24 |
| benzyl alcohol | 100-51-6 | 99.9 | 65.18.1P | 1001 ± 9.82 |
| bis(2-chloroethoxy)methane | 111-91-1 | 99.1 | 31.3.15P | 1000 ± 14.69 |
| bis(2-chloroethyl)ether | 111-44-4 | 99.8 | 32.7.1P | 1003 ± 13.89 |
| bis(2-chloro-1-methylethyl) ether | 108-60-1 | 99.5 | 34.3.15P | 999.4 ± 14.68 |
| bis(2-ethylhexyl)adipate | 103-23-1 | 99.5 | 874.7.1P | 999.5 ± 9.8 |
| bis(2-ethylhexyl)phthalate | 117-81-7 | 99.4 | 33.29.1P | 998.8 ± 17.03 |
| 4-bromophenyl phenyl ether | 101-55-3 | 99.4 | 35.7.1.1P | 1000 ± 13.85 |
| butyl benzyl phthalate | 85-68-7 | 98.4 | 36.1.6P | 984.7 ± 16.79 |
| carbazole | 86-74-8 | 99.4 | 239.7.2P | 1000 ± 9.8 |

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

# Certificate of Analysis



**Catalog No.:** Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 4-chloroaniline | 106-47-8 | 100 | 66.7.1P | 1000 ± 9.79 |
| 4-chlorophenylphenyl ether | 7005-72-3 | 98 | 37.158.2P | 1001 ± 17.07 |
| 4-chloro-3-methylphenol | 59-50-7 | 99 | 102.1.2P | 1006 ± 17.16 |
| 2-chloronaphthalene | 91-58-7 | 99.9 | 42.7.6P | 1000 ± 9.79 |
| 2-chlorophenol | 95-57-8 | 99.8 | 103.7.1P | 1007 ± 13.96 |
| chrysene | 218-01-9 | 96 | 21.286.2P | 998.4 ± 12.85 |
| dibenz[a,h]anthracene | 53-70-3 | 99.44 | 22.286.3P | 1000 ± 9.74 |
| dibenzofuran | 132-64-9 | 100 | 67.7.2.1P | 1002 ± 9.77 |
| di-n-butyl phthalate | 84-74-2 | 99.84 | 40.286.1P | 1007 ± 24.48 |
| 1,2-dichlorobenzene | 95-50-1 | 99.8 | 43.7.1P | 1000 ± 9.79 |
| 1,3-dichlorobenzene | 541-73-1 | 99.5 | 44.1.3P | 999.4 ± 9.79 |
| 1,4-dichlorobenzene | 106-46-7 | 99.9 | 45.29.2P | 1000 ± 9.79 |
| 2,4-dichlorophenol | 120-83-2 | 99.6 | 104.7.1.1P | 1005 ± 13.93 |
| diethyl phthalate | 84-66-2 | 99.8 | 38.7.1P | 1011 ± 14 |
| 2,4-dimethylphenol | 105-67-9 | 99.6 | 105.7.1.1P | 1009 ± 13.98 |
| dimethyl phthalate | 131-11-3 | 99.9 | 39.9.2P | 996.5 ± 13.8 |
| 1,2-dinitrobenzene | 528-29-0 | 99.86 | 86.7.3.1P | 999.5 ± 9.75 |
| 1,3-dinitrobenzene | 99-65-0 | 100 | 313.7.2P | 998 ± 9.79 |
| 1,4-dinitrobenzene | 100-25-4 | 100 | 907.7.1P | 999.5 ± 9.8 |
| 2,4-dinitrophenol | 51-28-5 | 99.9 | 106.1.6DP | 1002 ± 13.89 |
| 2,4-dinitrotoluene | 121-14-2 | 100 | 87.7.3P | 999.8 ± 13.85 |
| 2,6-dinitrotoluene | 606-20-2 | 99.4 | 88.7.2.1P | 999.6 ± 13.85 |
| di-n-octyl phthalate | 117-84-0 | 99.1 | 41.7.5P | 991.6 ± 13.74 |
| diphenylamine | 122-39-4 | 100 | 78.1.6P | 998 ± 13.79 |
| 2,3,5,6-tetrachlorophenol | 935-95-5 | 97 | 1112.286.1P | 1004 ± 14.02 |
| fluoranthene | 206-44-0 | 98.6 | 23.7.4P | 999.6 ± 9.79 |
| fluorene | 86-73-7 | 98.4 | 24.7.1P | 999.7 ± 9.79 |

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Certified By: Kerry E Kane

Kerry Kane
**Chemist**

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# Certificate of Analysis

**Catalog No.:** Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| hexachlorobenzene | 118-74-1 | 99 | 46.158.4P | 999.9 ± 13.96 |
| hexachlorobutadiene | 87-68-3 | 97.4 | 47.1.4P | 1000 ± 9.79 |
| hexachlorocyclopentadiene | 77-47-4 | 99.2 | 48.2.2P | 1001 ± 9.8 |
| hexachloroethane | 67-72-1 | 99.9 | 49.1.4P | 1003 ± 9.82 |
| indeno[1,2,3-cd]pyrene | 193-39-5 | 98 | 25.286.4P | 999.4 ± 22.23 |
| isophorone | 78-59-1 | 98.9 | 90.1.4P | 999.9 ± 13.85 |
| 2-methyl-4,6-dinitrophenol | 534-52-1 | 99.6 | 107.421.2DP | 991 ± 24.09 |
| 1-methylnaphthalene | 90-12-0 | 97.1 | 249.7.5P | 999.2 ± 13.95 |
| 2-methylnaphthalene | 91-57-6 | 97.4 | 68.7.2P | 1006 ± 22.38 |
| 2-methylphenol | 95-48-7 | 99.6 | 114.7.3P | 1001 ± 13.87 |
| 3-methylphenol | 108-39-4 | 99.1 | 115.7.4P | 499.7 ± 6.92 |
| 4-methylphenol | 106-44-5 | 99.5 | 116.7.1P | 501.2 ± 6.94 |
| naphthalene | 91-20-3 | 99.8 | 26.9.1P | 1018 ± 9.97 |
| 2-nitroaniline | 88-74-4 | 99.7 | 69.29.1P | 999.6 ± 9.79 |
| 3-nitroaniline | 99-09-2 | 100 | 70.7.3P | 1000 ± 9.74 |
| 4-nitroaniline | 100-01-6 | 99.7 | 71.29.1P | 1001 ± 9.8 |
| nitrobenzene | 98-95-3 | 100 | 94.7.1P | 1000 ± 13.85 |
| 2-nitrophenol | 88-75-5 | 99.1 | 108.29.1P | 996.5 ± 13.81 |
| 4-nitrophenol | 100-02-7 | 100 | 109.7.1P | 1000 ± 13.82 |
| N-nitrosodimethylamine | 62-75-9 | 99.5 | 57.3.19P | 998.5 ± 14.67 |
| N-nitrosodi-n-propylamine | 621-64-7 | 99.8 | 59.286.1P | 996.8 ± 17 |
| pentachlorophenol | 87-86-5 | 99 | 110.1.7P | 1004 ± 13.92 |
| phenanthrene | 85-01-8 | 99.7 | 27.1.5P | 999 ± 12.87 |
| phenol | 108-95-2 | 100 | 112.7.1P | 998.5 ± 13.8 |
| pyrene | 129-00-0 | 99.2 | 28.9.2P | 998.9 ± 9.78 |
| pyridine | 110-86-1 | 100 | 101.24.1P | 999 ± 9.73 |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 91.8 | 120.421.1P | 996.5 ± 13.92 |

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
**Chemist**

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# Certificate of Analysis



**Catalog No.:** Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 1,2,4-trichlorobenzene | 120-82-1 | 99.6 | 54.29.1P | 999.6 ± 9.79 |
| 2,4,5-trichlorophenol | 95-95-4 | 96.5 | 121.7.1.1P | 999.5 ± 13.85 |
| 2,4,6-trichlorophenol | 88-06-2 | 99.6 | 113.7.1P | 996 ± 13.8 |

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CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

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(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

# Certificate of Analysis

Rev 0



| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-010442-07 | 495833 | ≤ -10 °C | Methylene Chloride | 1/16/2028 | Benzaldehyde Solution, 1000 mg/L, 1.3 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| benzaldehyde | 100-52-7 | 98.3 | 442.421.1P | 996.8 ± 11.49 |

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

# Certificate of Analysis

Rev 0 

| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-010442-07 | 495833 | ≤ -10 °C | Methylene Chloride | 1/16/2028 | Benzaldehyde Solution, 1000 mg/L, 1.3 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| benzaldehyde | 100-52-7 | 98.3 | 442.421.1P | 996.8 ± 11.49 |

S12275 ↓ S12279 } RC/ 05/24/24

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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*gravimetric*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555223 **Lot No.:** A0214021

**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 3,3'-Dichlorobenzidine | 91-94-1 | S240326RSR | 99% | 1,004.0 µg/mL | +/- 23.0487 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,005.0 µg/mL | +/- 23.0717 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,000.0 µg/mL | +/- 22.9569 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

## General Certified Reference Material Notes

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  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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### Manufacturing Notes:

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Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

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S12449 ↓ S12508 RC 7/24/24

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**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

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**CERTIFIED VALUES**

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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**Solvent:** Methylene chloride
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**Purity** 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

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|---|---|---|---|---|---|---|
| 1 | 3,3'-Dichlorobenzidine | 91-94-1 | S240326RSR | 99% | 1,004.0 µg/mL | +/- 23.0487 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,005.0 µg/mL | +/- 23.0717 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,000.0 µg/mL | +/- 22.9569 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*gravimetric*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555223 **Lot No.:** A0214021

**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 3,3'-Dichlorobenzidine | 91-94-1 | S240326RSR | 99% | 1,004.0 µg/mL | +/- 23.0487 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,005.0 µg/mL | +/- 23.0717 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,000.0 µg/mL | +/- 22.9569 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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**Catalog No. :** 555223 **Lot No.:** A0214021

**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
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| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,005.0 µg/mL | +/- 23.0717 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,000.0 µg/mL | +/- 22.9569 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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**Catalog No. :** 555223 **Lot No.:** A0214021

**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

**CERTIFIED VALUES**

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 3,3'-Dichlorobenzidine | 91-94-1 | S240326RSR | 99% | 1,004.0 µg/mL | +/- 23.0487 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,005.0 µg/mL | +/- 23.0717 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,000.0 µg/mL | +/- 22.9569 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

## General Certified Reference Material Notes

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 2 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 3 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,008.0 µg/mL | +/- 29.630084 |
| 4 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 1,010.0 µg/mL | +/- 29.688874 |
| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

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### Certified Uncertainty Value Notes:

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 2 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 3 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,008.0 µg/mL | +/- 29.630084 |
| 4 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 1,010.0 µg/mL | +/- 29.688874 |
| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 2 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
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| 4 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 1,010.0 µg/mL | +/- 29.688874 |
| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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Fax: 1-814-353-1309

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 2 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
| 3 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,008.0 µg/mL | +/- 29.630084 |
| 4 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 1,010.0 µg/mL | +/- 29.688874 |
| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
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| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
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| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
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| 5 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,008.0 µg/mL | +/- 29.630084 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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# Certificate of Analysis

*gravimetric*

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**Catalog No. :** 555224 **Lot No.:** A0214017

**Description :** Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,005.0 µg/mL | +/- 29.541899 |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

**Date Mixed:** 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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## General Certified Reference Material Notes

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31615 **Lot No.:** A0212955

**Description :** GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2027 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,004.5 µg/mL | +/- 44.8902 |
| 2 | DFTPP (Decafluorotriphenylphosphine) | 5074-71-5 | Q117-147 | 99% | 1,004.5 µg/mL | +/- 44.8902 |
| 3 | Benzidine | 92-87-5 | S240430RSR | 99% | 1,006.0 µg/mL | +/- 44.9572 |
| 4 | 4,4'-DDT | 50-29-3 | S240530RSR | 97% | 1,000.1 µg/mL | +/- 44.6922 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12577 ↓ S12579 RC 8/2/24

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

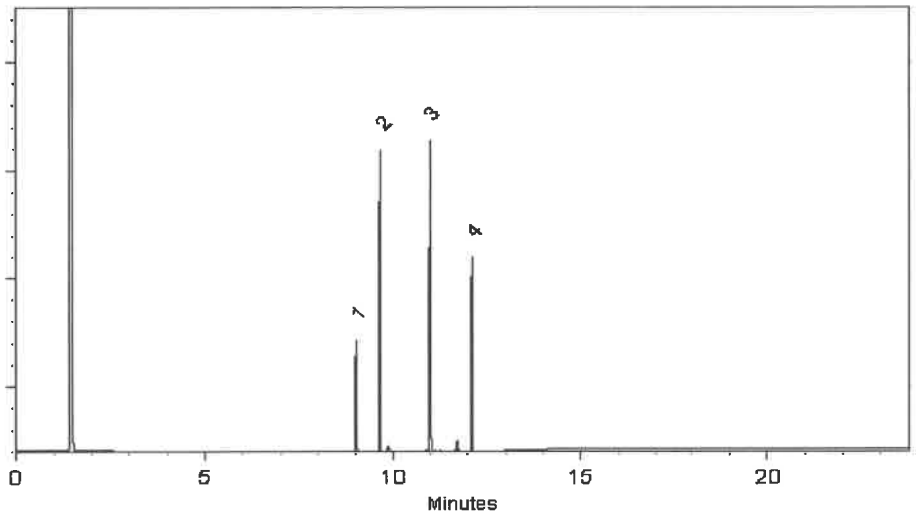
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

**Date Mixed:** 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 26-Jun-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

*chromatographic plus*

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31206 **Lot No.:** A0212266

**Description :** SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 2,000.6 µg/mL | +/- 90.1075 |
| 2 | Naphthalene-d8 | 1146-65-2 | M-2180 | 99% | 2,000.3 µg/mL | +/- 90.0925 |
| 3 | Acenaphthene-d10 | 15067-26-2 | PR-33507 | 99% | 2,000.4 µg/mL | +/- 90.1000 |
| 4 | Phenanthrene-d10 | 1517-22-2 | PR-34099 | 99% | 2,000.5 µg/mL | +/- 90.1037 |
| 5 | Chrysene-d12 | 1719-03-5 | PR-33506 | 99% | 2,000.7 µg/mL | +/- 90.1112 |
| 6 | Perylene-d12 | 1520-96-3 | PR-33205 | 99% | 2,000.6 µg/mL | +/- 90.1075 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12645 ↓ S12674 AC 10/1/24

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

*chromatographic plus*

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31206 **Lot No.:** A0212266

**Description :** SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 2,000.6 µg/mL | +/- 90.1075 |
| 2 | Naphthalene-d8 | 1146-65-2 | M-2180 | 99% | 2,000.3 µg/mL | +/- 90.0925 |
| 3 | Acenaphthene-d10 | 15067-26-2 | PR-33507 | 99% | 2,000.4 µg/mL | +/- 90.1000 |
| 4 | Phenanthrene-d10 | 1517-22-2 | PR-34099 | 99% | 2,000.5 µg/mL | +/- 90.1037 |
| 5 | Chrysene-d12 | 1719-03-5 | PR-33506 | 99% | 2,000.7 µg/mL | +/- 90.1112 |
| 6 | Perylene-d12 | 1520-96-3 | PR-33205 | 99% | 2,000.6 µg/mL | +/- 90.1075 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

S12645 ↓ S12674 AC 10/1/24

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Bellefonte, PA 16823-8812
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# Certificate of Analysis

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

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|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0219438

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBP6240 | 99% | 1,008.3 µg/mL | +/- 36.6849 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S240313RSR | 99% | 1,008.6 µg/mL | +/- 36.6985 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,002.9 µg/mL | +/- 36.4893 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.0 µg/mL | +/- 36.4938 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.6 µg/mL | +/- 36.5894 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.1 µg/mL | +/- 36.5348 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,002.1 µg/mL | +/- 36.4620 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,005.3 µg/mL | +/- 36.5757 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,008.4 µg/mL | +/- 36.6894 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 18.2697 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 503.8 µg/mL | +/- 18.3288 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,006.5 µg/mL | +/- 36.6212 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,002.5 µg/mL | +/- 36.4757 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,006.5 | µg/mL | +/- 36.6212 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,001.5 | µg/mL | +/- 36.4393 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,002.1 | µg/mL | +/- 36.4620 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.5 | µg/mL | +/- 36.4771 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 36.4325 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.6 | µg/mL | +/- 36.5505 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 36 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 36.3835 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,008.9 | µg/mL | +/- 36.7076 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,002.5 | µg/mL | +/- 36.4757 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | ----% | 1,005.6 | µg/mL | +/- 36.5894 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,008.3 | µg/mL | +/- 36.6849 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241029-2-AN | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.8 | µg/mL | +/- 36.5939 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP231219RSR | 99% | 1,006.4 | µg/mL | +/- 36.6166 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,000.7 | µg/mL | +/- 36.4102 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 51 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 52 | 4-Nitroaniline | 100-01-6 | RP230111 | 99% | 1,006.6 | µg/mL | +/- 36.6257 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,001.3 | µg/mL | +/- 36.4302 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 55 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.4 | µg/mL | +/- 36.4711 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,008.8 | µg/mL | +/- 36.7031 |
| 57 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 60 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,005.1 | µg/mL | +/- 36.5712 |
| 61 | Carbazole | 86-74-8 | 15276700 | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,006.3 | µg/mL | +/- 36.6121 |
| 63 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 64 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.0 | µg/mL | +/- 36.4575 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,005.9 | µg/mL | +/- 36.5984 |
| 67 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 68 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,007.5 | µg/mL | +/- 36.6576 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,002.3 | µg/mL | +/- 36.4666 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,002.8 | µg/mL | +/- 36.4847 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,006.2 | µg/mL | +/- 36.6108 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,001.8 | µg/mL | +/- 36.4490 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,003.8 | µg/mL | +/- 36.5217 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

# Certificate of Analysis

Rev 0 

| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-110816-01 | 531243 | ≤ -10 °C | Methylene Chloride | 1/2/2030 | Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| atrazine | 1912-24-9 | 99.5 | 337.7.4P | 997 ± 5.81 |
| benzidine | 92-87-5 | 99.9 | 124.18.6.2P | 993.8 ± 5.78 |
| caprolactam | 105-60-2 | 99.9 | 271.1.6P | 999 ± 5.82 |

513057 ↓ 513061 AC 1/16/25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Melissa Workoff

Melissa Workoff
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

# Certificate of Analysis

Rev 0 **Page 1 of 1**

| Catalog No.: | Lot No.: | Storage: | Solvent: | Exp. Date: | Description: |
|---|---|---|---|---|---|
| Z-010074-07 | 525551 | -18°C +/- 4°C | Methylene Chloride | 9/3/2029 | 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL |

| Compound | CAS No. | Purity (%) | Compound Lot No. | Concentration, mg/L |
|---|---|---|---|---|
| 3,3'-dichlorobenzidine | 91-94-1 | 97.9 | 74.421.2P | 994.7 ± 30.56 |

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

513078 ↓ 513087 } AC 3/10/25

Manufactured by

Raevyn Steele
**Chemist**

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

*Not a certified valu

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0221014

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBR4811 | 99% | 1,005.2 µg/mL | +/- 36.5730 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S241226RSR | 99% | 1,005.5 µg/mL | +/- 36.5848 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,005.3 µg/mL | +/- 36.5780 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,005.4 µg/mL | +/- 36.5816 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,004.7 µg/mL | +/- 36.5562 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.3 µg/mL | +/- 36.5766 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,006.3 µg/mL | +/- 36.6125 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,005.5 µg/mL | +/- 36.5853 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,004.6 µg/mL | +/- 36.5507 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,004.8 µg/mL | +/- 36.5575 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,005.4 µg/mL | +/- 36.5803 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBL3873 | 99% | 502.7 µg/mL | +/- 18.2888 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 502.6 µg/mL | +/- 18.2869 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,004.6 µg/mL | +/- 36.5502 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,005.3 µg/mL | +/- 36.5780 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,004.6 | µg/mL | +/- | 36.5511 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,005.7 | µg/mL | +/- | 36.5916 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | DIRAF | 99% | 1,004.9 | µg/mL | +/- | 36.5612 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,004.3 | µg/mL | +/- | 36.5402 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,004.7 | µg/mL | +/- | 36.5571 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,004.6 | µg/mL | +/- | 36.5516 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,006.8 | µg/mL | +/- | 36.6335 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,005.9 | µg/mL | +/- | 36.5980 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,004.1 | µg/mL | +/- | 36.5328 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,005.4 | µg/mL | +/- | 36.5793 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,006.3 | µg/mL | +/- | 36.6144 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- | 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063P13G | 99% | 1,005.9 | µg/mL | +/- | 36.5975 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,004.7 | µg/mL | +/- | 36.5566 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.7 | µg/mL | +/- | 36.5571 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,005.3 | µg/mL | +/- | 36.5757 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.8 | µg/mL | +/- | 36.5584 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,004.5 | µg/mL | +/- | 36.5475 |
| 36 | Acenaphthylene | 208-96-8 | 214935V18H | 95% | 1,000.1 | µg/mL | +/- | 36.3888 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,004.9 | µg/mL | +/- | 36.5616 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,004.5 | µg/mL | +/- | 36.5489 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,005.2 | µg/mL | +/- | 36.5734 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,005.9 | µg/mL | +/- | 36.6003 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- | 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- | 36.5525 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | 99% | 1,005.0 | µg/mL | +/- | 36.5657 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,005.4 | µg/mL | +/- | 36.5803 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,005.4 | µg/mL | +/- | 36.5803 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 1,005.7 | µg/mL | +/- | 36.5930 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,004.9 | µg/mL | +/- | 36.5616 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP240523RSR | 99% | 1,005.2 | µg/mL | +/- | 36.5739 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,005.8 | µg/mL | +/- | 36.5948 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | 002531K02D | 99% | 1,004.8 | µg/mL | +/- | 36.5584 |
| 51 | Diethylphthalate | 84-66-2 | STBL3611 | 99% | 1,005.3 | µg/mL | +/- | 36.5762 |
| 52 | 4-Nitroaniline | 100-01-6 | RP240830RSR | 99% | 1,005.5 | µg/mL | +/- | 36.5844 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,004.8 | µg/mL | +/- | 36.5589 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,005.2 | µg/mL | +/- 36.5725 |
| 55 | Azobenzene | 103-33-3 | BCCL3292 | 99% | 1,004.7 | µg/mL | +/- 36.5566 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,005.6 | µg/mL | +/- 36.5875 |
| 57 | Hexachlorobenzene | 118-74-1 | 15828800 | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.4 | µg/mL | +/- 36.5825 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 60 | Anthracene | 120-12-7 | MKCW9141 | 99% | 1,005.5 | µg/mL | +/- 36.5834 |
| 61 | Carbazole | 86-74-8 | 15630800 | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 63 | Fluoranthene | 206-44-0 | A0458721 | 99% | 1,005.4 | µg/mL | +/- <0.0001 |
| 64 | Pyrene | 129-00-0 | BCCL8032 | 99% | 1,005.2 | µg/mL | +/- 36.5734 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCR8567 | 99% | 1,004.5 | µg/mL | +/- 36.5480 |
| 67 | Benz(a)anthracene | 56-55-3 | I60012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5844 |
| 68 | Chrysene | 218-01-9 | RP241212RSR | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,004.7 | µg/mL | +/- 36.5548 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15817300 | 99% | 1,004.8 | µg/mL | +/- 36.5607 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 022013B | 99% | 1,005.1 | µg/mL | +/- 36.5716 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 98% | 1,004.6 | µg/mL | +/- 36.5511 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,004.2 | µg/mL | +/- 36.5377 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,004.1 | µg/mL | +/- 36.5337 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 712061504-1-1 | 99% | 1,005.7 | µg/mL | +/- 36.5930 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,005.4 | µg/mL | +/- 36.5814 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

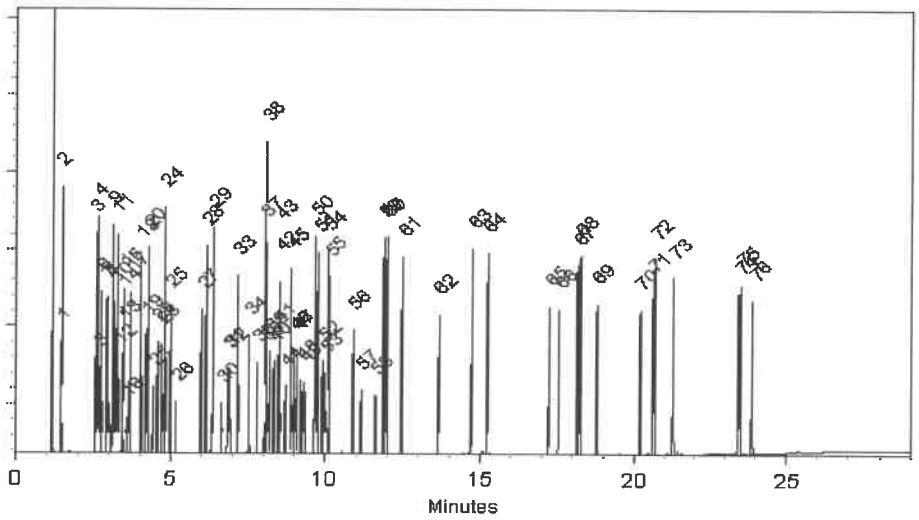
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 21-Jan-2025

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

# Certificate of Analysis

***chromatographic plus***

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31850 **Lot No.:** A0221014

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S13088 ↓ S13117 RC 5/20/25.

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pyridine | 110-86-1 | SHBR4811 | 99% | 1,005.2 µg/mL | +/- 36.5730 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S241226RSR | 99% | 1,005.5 µg/mL | +/- 36.5848 |
| 3 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,005.3 µg/mL | +/- 36.5780 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,005.4 µg/mL | +/- 36.5816 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,004.7 µg/mL | +/- 36.5562 |
| 6 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.3 µg/mL | +/- 36.5766 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,006.3 µg/mL | +/- 36.6125 |
| 9 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,005.5 µg/mL | +/- 36.5853 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,004.6 µg/mL | +/- 36.5507 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,004.8 µg/mL | +/- 36.5575 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,005.4 µg/mL | +/- 36.5803 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBL3873 | 99% | 502.7 µg/mL | +/- 18.2888 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 502.6 µg/mL | +/- 18.2869 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,004.6 µg/mL | +/- 36.5502 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,004.6 µg/mL | +/- 36.5530 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,005.3 µg/mL | +/- 36.5780 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,004.6 | µg/mL | +/- | 36.5511 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,005.7 | µg/mL | +/- | 36.5916 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | DIRAF | 99% | 1,004.9 | µg/mL | +/- | 36.5612 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,004.3 | µg/mL | +/- | 36.5402 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,004.7 | µg/mL | +/- | 36.5571 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,004.6 | µg/mL | +/- | 36.5516 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,006.8 | µg/mL | +/- | 36.6335 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,005.9 | µg/mL | +/- | 36.5980 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,004.1 | µg/mL | +/- | 36.5328 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,005.4 | µg/mL | +/- | 36.5793 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,006.3 | µg/mL | +/- | 36.6144 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 990.2 | µg/mL | +/- | 36.0269 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063P13G | 99% | 1,005.9 | µg/mL | +/- | 36.5975 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,004.7 | µg/mL | +/- | 36.5566 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,004.7 | µg/mL | +/- | 36.5571 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,005.3 | µg/mL | +/- | 36.5757 |
| 34 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,004.8 | µg/mL | +/- | 36.5584 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP240703RSR | 99% | 1,004.5 | µg/mL | +/- | 36.5475 |
| 36 | Acenaphthylene | 208-96-8 | 214935V18H | 95% | 1,000.1 | µg/mL | +/- | 36.3888 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,004.9 | µg/mL | +/- | 36.5616 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,004.5 | µg/mL | +/- | 36.5489 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,005.2 | µg/mL | +/- | 36.5734 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP240701RSR | 99% | 1,005.9 | µg/mL | +/- | 36.6003 |
| 41 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- | 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,004.6 | µg/mL | +/- | 36.5525 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | 99% | 1,005.0 | µg/mL | +/- | 36.5657 |
| 44 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,005.4 | µg/mL | +/- | 36.5803 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,005.4 | µg/mL | +/- | 36.5803 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 1,005.7 | µg/mL | +/- | 36.5930 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,004.9 | µg/mL | +/- | 36.5616 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP240523RSR | 99% | 1,005.2 | µg/mL | +/- | 36.5739 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,005.8 | µg/mL | +/- | 36.5948 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | 002531K02D | 99% | 1,004.8 | µg/mL | +/- | 36.5584 |
| 51 | Diethylphthalate | 84-66-2 | STBL3611 | 99% | 1,005.3 | µg/mL | +/- | 36.5762 |
| 52 | 4-Nitroaniline | 100-01-6 | RP240830RSR | 99% | 1,005.5 | µg/mL | +/- | 36.5844 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 1,004.8 | µg/mL | +/- | 36.5589 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,005.2 | µg/mL | +/- 36.5725 |
| 55 | Azobenzene | 103-33-3 | BCCL3292 | 99% | 1,004.7 | µg/mL | +/- 36.5566 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,005.6 | µg/mL | +/- 36.5875 |
| 57 | Hexachlorobenzene | 118-74-1 | 15828800 | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 58 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 1,005.4 | µg/mL | +/- 36.5825 |
| 59 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 60 | Anthracene | 120-12-7 | MKCW9141 | 99% | 1,005.5 | µg/mL | +/- 36.5834 |
| 61 | Carbazole | 86-74-8 | 15630800 | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 63 | Fluoranthene | 206-44-0 | A0458721 | 99% | 1,005.4 | µg/mL | +/- <0.0001 |
| 64 | Pyrene | 129-00-0 | BCCL8032 | 99% | 1,005.2 | µg/mL | +/- 36.5734 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCR8567 | 99% | 1,004.5 | µg/mL | +/- 36.5480 |
| 67 | Benz(a)anthracene | 56-55-3 | I60012022BAA | 99% | 1,005.5 | µg/mL | +/- 36.5844 |
| 68 | Chrysene | 218-01-9 | RP241212RSR | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,004.7 | µg/mL | +/- 36.5548 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 15817300 | 99% | 1,004.8 | µg/mL | +/- 36.5607 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 022013B | 99% | 1,005.1 | µg/mL | +/- 36.5716 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 98% | 1,004.6 | µg/mL | +/- 36.5511 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,004.2 | µg/mL | +/- 36.5377 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,004.1 | µg/mL | +/- 36.5337 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 712061504-1-1 | 99% | 1,005.7 | µg/mL | +/- 36.5930 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,005.4 | µg/mL | +/- 36.5814 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

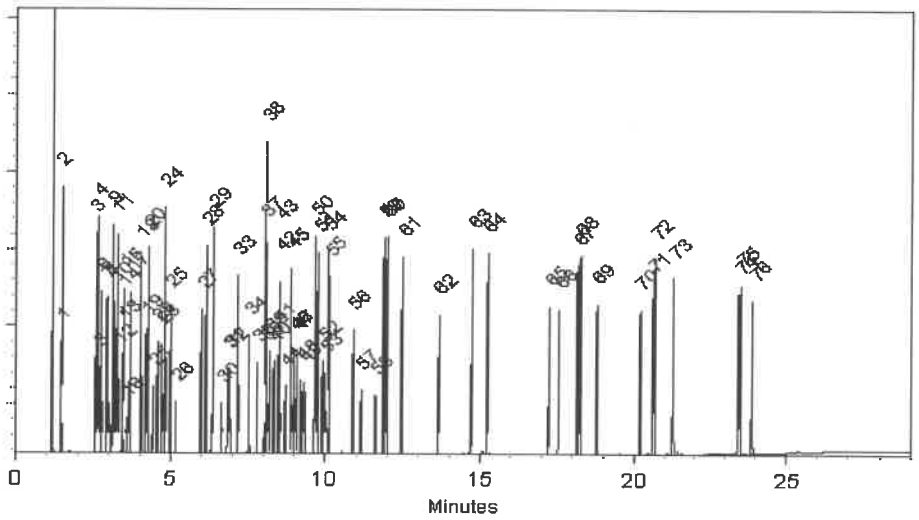
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 21-Jan-2025

**Manufactured under Restek's ISO 9001:2015**
**Registered Quality System**
**Certificate #FM 80397**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555871 **Lot No.:** A0226283

**Description :** Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

S13158 ↓ S13167 } RC/ 6/4/25

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

**CERTIFIED VALUES**

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 25,192.0 µg/mL | +/- 783.0517 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Morgan Craighead - Mix Technician

**Date Mixed:** 02-Jun-2025 **Balance:** C322230531

REVIEWED By Dillon Murphy at 11:21 am, Jun 03, 2025

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555871 **Lot No.:** A0226283

**Description :** Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

S13158 ↓ S13167 } RC/ 6/4/25

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

**CERTIFIED VALUES**

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 25,192.0 µg/mL | +/- 783.0517 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Morgan Craighead - Mix Technician

**Date Mixed:** 02-Jun-2025 **Balance:** C322230531

REVIEWED

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31206 **Lot No.:** A0224359

**Description :** SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 AC 6/9/25

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2031 **Storage:** 10°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 2,000.0 µg/mL | +/- 90.0812 |
| 2 | Naphthalene-d8 | 1146-65-2 | M-2180 | 99% | 2,000.8 µg/mL | +/- 90.1187 |
| 3 | Acenaphthene-d10 | 15067-26-2 | PR-33507 | 99% | 2,000.8 µg/mL | +/- 90.1187 |
| 4 | Phenanthrene-d10 | 1517-22-2 | PR-34099 | 99% | 2,000.0 µg/mL | +/- 90.0812 |
| 5 | Chrysene-d12 | 1719-03-5 | PR-33506 | 99% | 2,000.8 µg/mL | +/- 90.1187 |
| 6 | Perylene-d12 | 1520-96-3 | PR-33205 | 99% | 2,000.0 µg/mL | +/- 90.0812 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

S13198 → S13207 AC 6/11/25

**Catalog No. :** 555868 **Lot No.:** A0226493

**Description :** Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2028 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

**CERTIFIED VALUES**

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzidine | 92-87-5 | S250227ECS | 99% | 25,004.0 µg/mL | +/- 495.8040 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Laith Clemente - Operations Technician I

**Date Mixed:** 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

## CERTIFIED WEIGHT REPORT

**Part Number:** 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

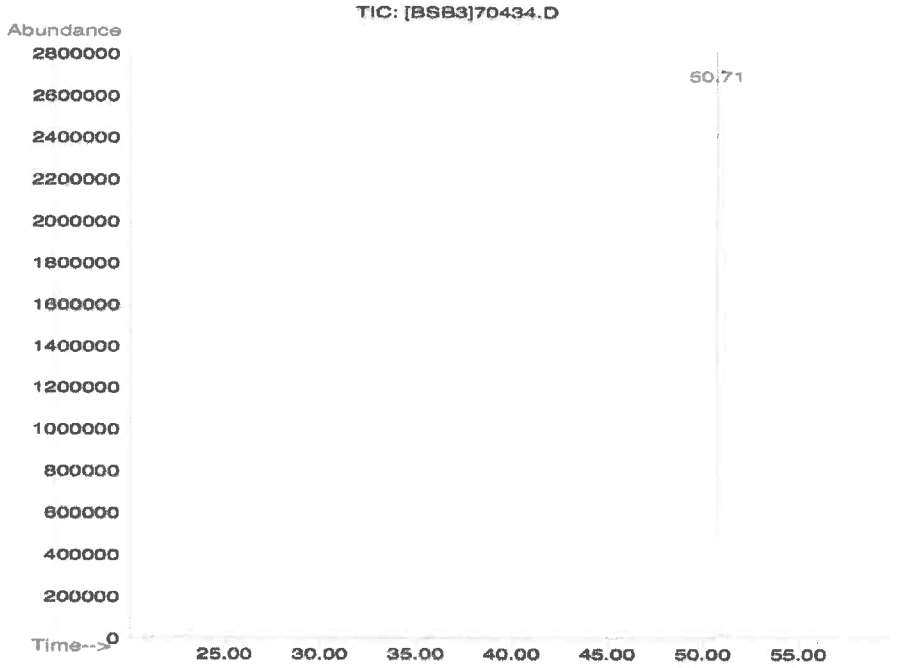
**Solvent(s):** **Lot#**
Methylene chloride C21F09CAS0000DCM

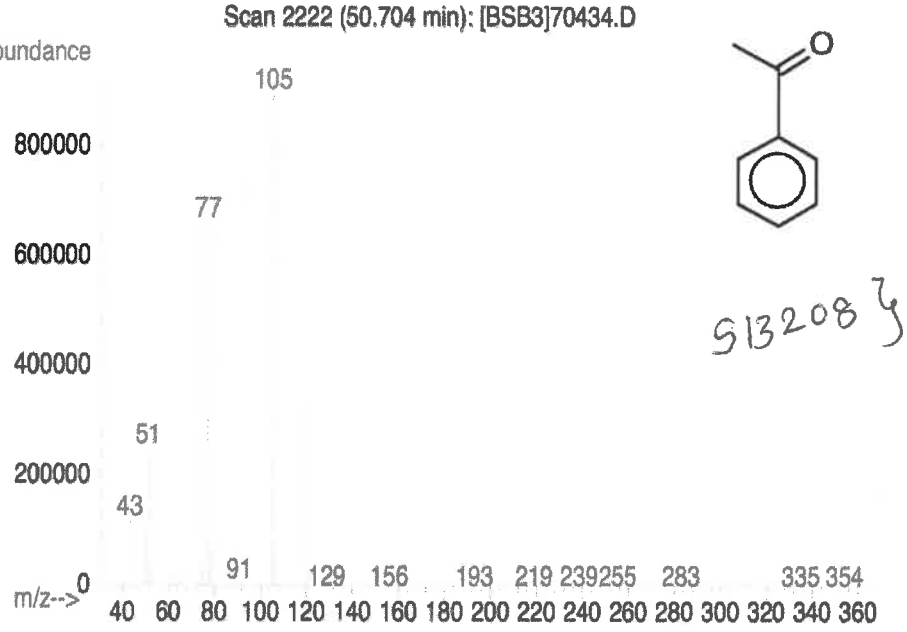
| | | |
|---|---|---|
| | | 121622 |
| Formulated By: | Benson Chan | DATE |
| | | 121622 |
| Reviewed By: | Pedro L. Rentas | DATE |

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Acetophenone | 434 | 04511JX | 1000 | 99 | 0.2 | 0.05055 | 0.05075 | 1004.0 | 4.5 | 98-86-2 | N/A | orl-rat 815mg/kg |

**Method:** GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.



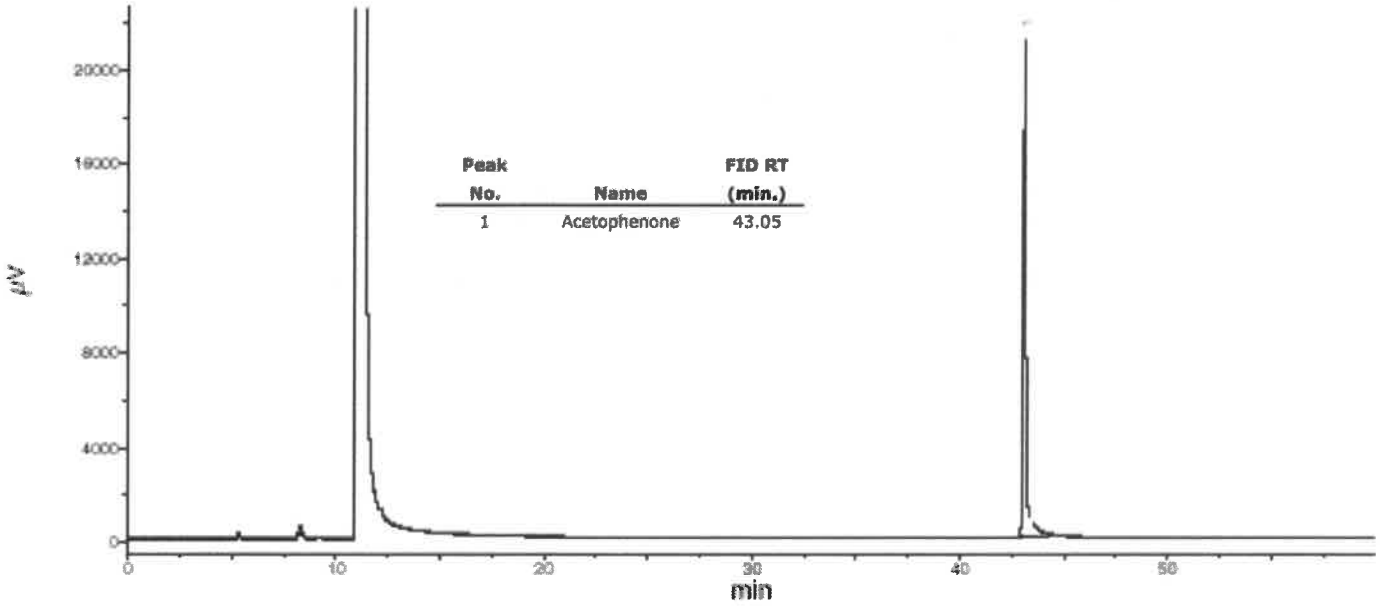






S13208 % RC1 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3




| Peak No. | Name | FID RT (min.) |
|---|---|---|
| 1 | Acetophenone | 43.05 |

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | 91126 |
| Lot Number: | 060625 |
| Description: | Benzoic acid |
| Expiration Date: | 060630 |
| Recommended Storage: | Refrigerate (4 °C) |
| Nominal Concentration (µg/mL): | 2000 |
| NIST Test ID#: | 6UTB |

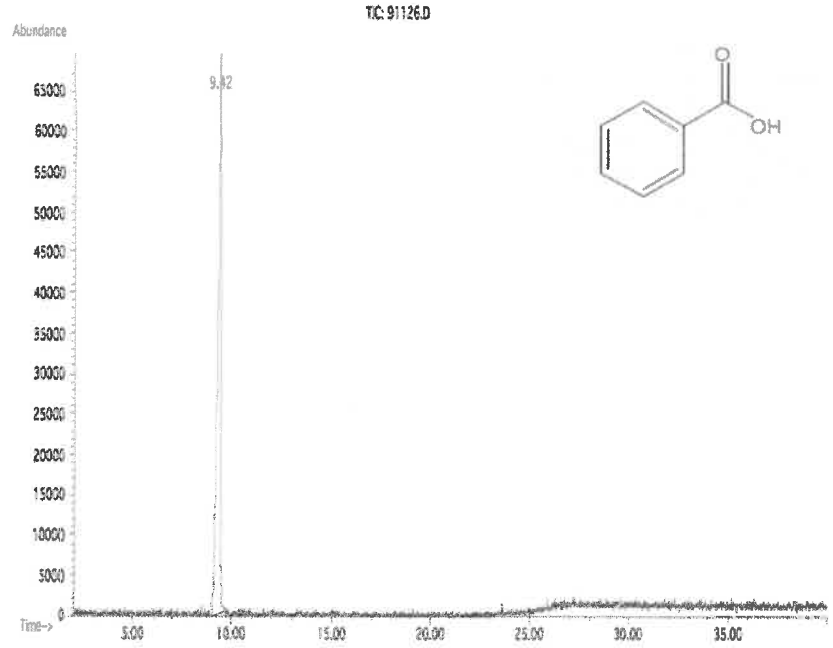
| Solvent(s): | Lot# |
|---|---|
| Methylene chloride | 23343 |

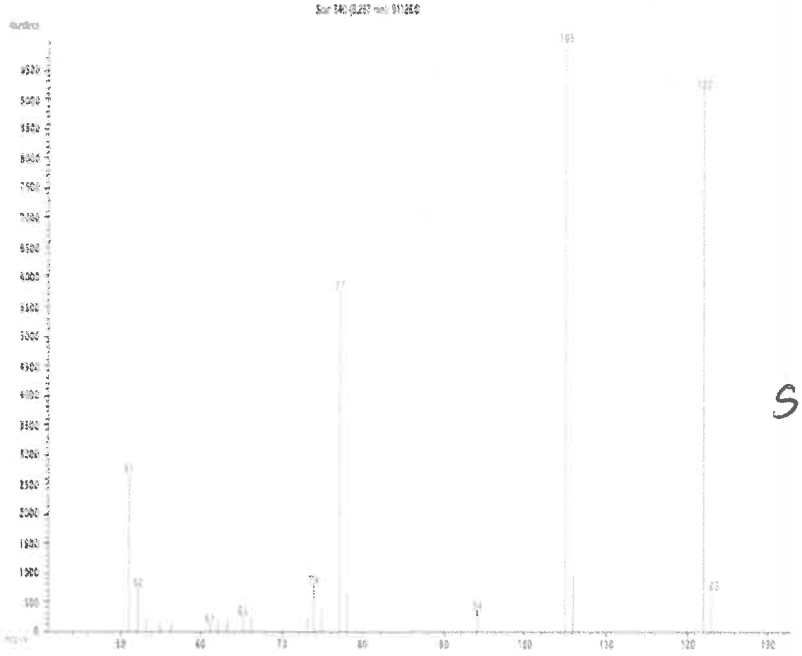
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

| | | |
|---|---|---|
| Formulated By: | Anthony Mahoney | 060625 DATE |
| Reviewed By: | Pedro L. Rentas | 060625 DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Benzoic acid | 34 | 11930AW | 2000.0 | 99 | 0.2 | 0.20211 | 0.20227 | 2001.6 | 8.2 | 65-85-0 | N/A | orl-rat 1700mg/kg |

**Method GC8MSD-3.M:** Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.



S13209 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

## CERTIFIED WEIGHT REPORT

**Part Number:** 34571
**Lot Number:** 092324
**Description:** 1,2,4,5-Tetrachlorobenzene

**Solvent(s):** Methanol **Lot#** EI863-US

**Expiration Date:** 092334
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 5000
**NIST Test ID#:** 6UTB

5E-05 Balance Uncertainty
0.004 Flask Uncertainty

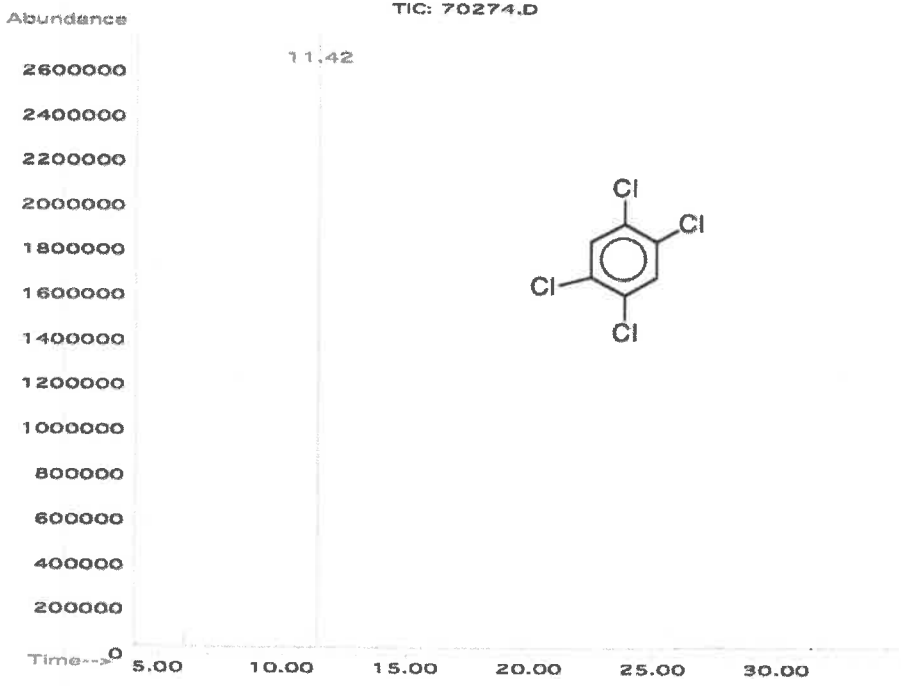
Weight(s) shown below were combined and diluted to (mL): 25.0

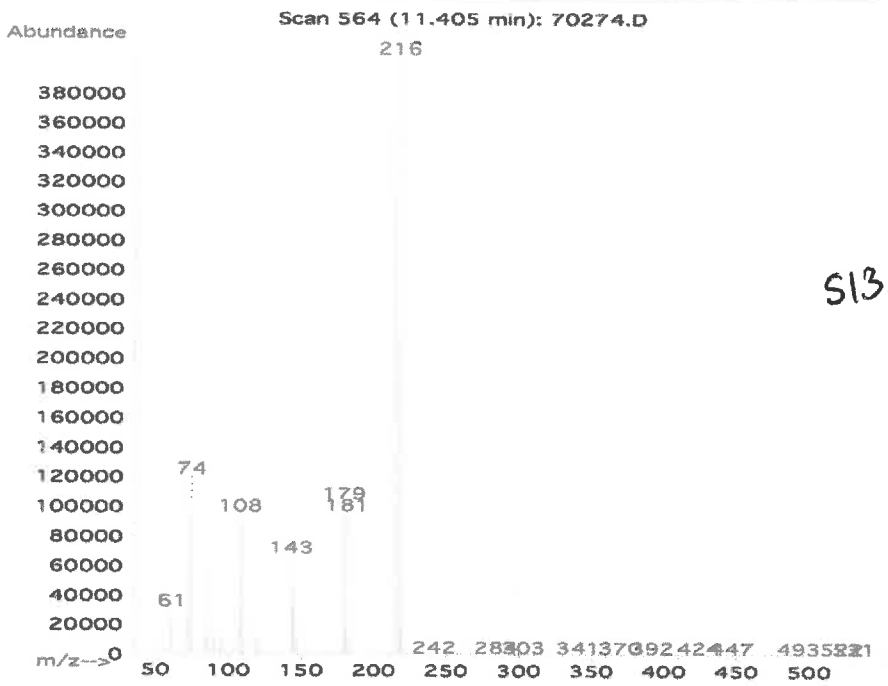
**CAUTION: Sonicate Before Use**

| Formulated By: | Lawrence Barry | 092324 DATE |
|---|---|---|
| **Reviewed By:** | Pedro L. Rentas | 092324 DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 1,2,4,5-Tetrachlorobenzene | 274 | 10408AS | 5000 | 98 | 0.20 | 0.12761 | 0.12765 | 5001.4 | 20.8 | 95-94-3 | N/A | orl-rat 1500mg/kg |

**Method GC8MSD-3.M:** Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.




S132113 RC 6/19/25.

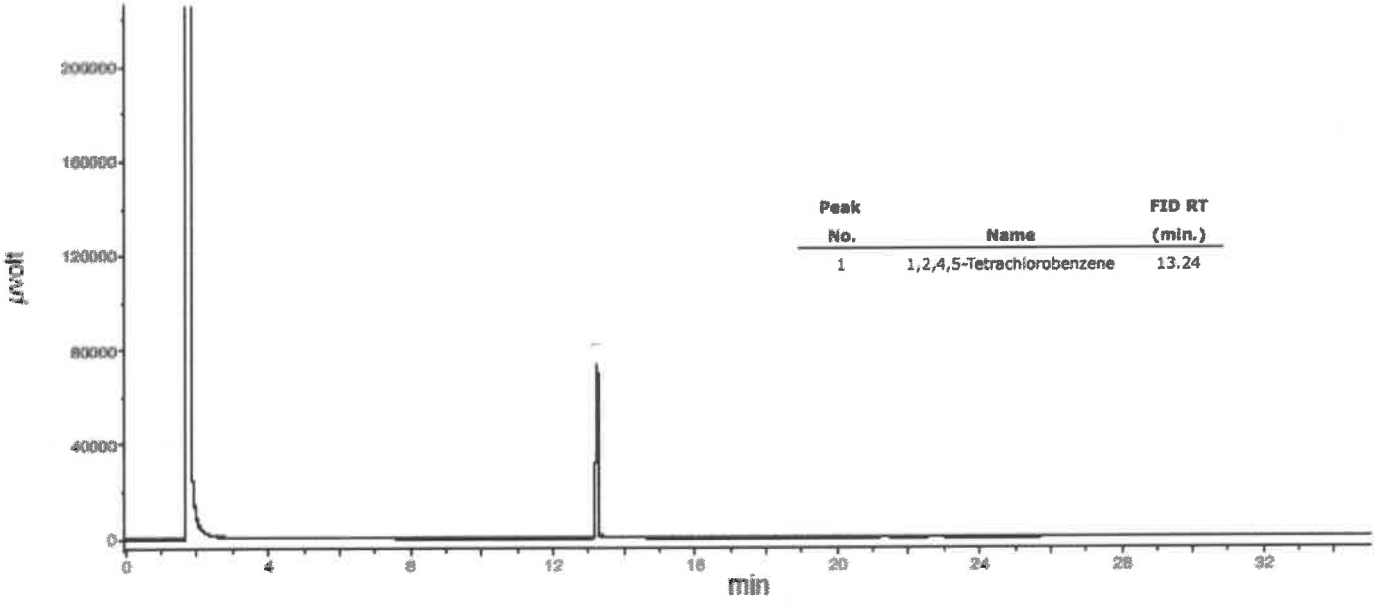
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

## Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7




| Peak No. | Name | FID RT (min.) |
|---|---|---|
| 1 | 1,2,4,5-Tetrachlorobenzene | 13.24 |

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555869 **Lot No.:** A0201702

**Description :** Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

513148 ↓ 513157 RC 11/13/23

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Component # | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Hexachlorocyclopentadiene | 77-47-4 | 099063P13G | 99% | 25,244.0 µg/mL | +/- 450.6896 |

**Solvent:** Methanol
**CAS #** 67-56-1
**Purity** 99%

Brittany Federinko - Operations Tech I

**Date Mixed:** 05-Sep-2023 **Balance:** B707717271

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# SHIPPING DOCUMENTS

Q 2639

# Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

39 Spruce Street
East Longmeadow, MA 01028



| | |
|---|---|
| Company Name: | Nobis Group |
| Address: | 55 Technology Dr Suite 101, Lowell, MA 01851 |
| Phone: | 978-703-6014 |
| Project Name: | Raymark |
| Project Location: | Stratford, CT |
| Project Number: | 95700 |
| Project Manager: | Adam Roy |
| Con-Test Quote Name/Number: | |
| Invoice Recipient: | |
| Sampled By: | A. Brittingham |

**Requested Turnaround Time**
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

**Rush-Approval Required**
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

**Data Delivery**
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

**Dissolved Metals Samples**
○ Field Filtered
○ Lab to Filter

**Orthophosphate Samples**
○ Field Filtered
○ Lab to Filter

**PCB ONLY**
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

| Con-Test Work Order# | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | COMP/GRAB | [1]Matrix Code | Conc Code | VIALS | GLASS | PLASTIC | BACTERIA | ENCORE | M/O | RCP VOCs | % Solids | PAHs | Herbicides | Pesticides | PCBs | Metals ICP + Hg - 6010 | Cyanide | SPLP RCP Metals - 6020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OU4-TS-38-071725 | 7/17/25 | 11:40 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-39-071725 | 7/17/25 | 11:50 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-40-071725 | 7/17/25 | 12:00 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-41-071725 | 7/17/25 | 12:10 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-42-071725 | 7/17/25 | 12:20 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-43-071725 | 7/17/25 | 12:30 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | OU4-TS-44-071725 | 7/17/25 | 12:40 | G | SO | | 3 | 2 | | | | | X | X | X | X | X | X | X | X | X |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

[2] Preservation Code
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

| | |
|---|---|
| Relinquished by: (signature) | Date/Time: 7/17/25 1500 |
| Received by: (signature) | Date/Time: 7/18/25 0855 |
| Relinquished by: (signature) | Date/Time: |
| Received by: (signature) | Date/Time: |
| Relinquished by: (signature) | Date/Time: |
| Received by: (signature) | Date/Time: |
| Relinquished by: (signature) | Date/Time: |
| Received by: (signature) | Date/Time: |

Client Comments:

**Detection Limit Requirements**
MA
CT
Other:

**Special Requirements**
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

**Project Entity**
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

**Other**
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments: 5.1°C - 4.7°C

**Disclaimer:** Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| CAS EPA CLP Contract | 68HERH20D0011 |
| Connecticut | PH-0830 |
| DOD ELAP (ANAB) | L2219 |
| Maine | 2024021 |
| Maryland | 296 |
| New Hampshire | 255424 Rev 1 |
| New Jersey | 20012 |
| New York | 11376 |
| Pennsylvania | 68-00548 |
| Soil Permit | 525-24-234-08441 |
| Texas | T104704488 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2639 NOBI03
**Client Name :** Nobis Group
**Client Contact :** Adam Roy
**Invoice Name :** Nobis Group
**Invoice Contact :** Adam Roy

**Order Date :** 7/18/2025 10:22:00 AM
**Project Name :** Raymark Superfund Site
**Receive DateTime :** 7/18/2025 9:55:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 4
**EDD Type :** EQUIS
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q2639-01 | OU4-TS-38-071725 | Solid | 07/17/2025 | 11:40 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-03 | OU4-TS-39-071725 | Solid | 07/17/2025 | 11:50 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-05 | OU4-TS-40-071725 | Solid | 07/17/2025 | 12:00 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-07 | OU4-TS-41-071725 | Solid | 07/17/2025 | 12:10 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-09 | OU4-TS-42-071725 | Solid | 07/17/2025 | 12:20 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-11 | OU4-TS-43-071725 | Solid | 07/17/2025 | 12:30 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |
| Q2639-13 | OU4-TS-44-071725 | Solid | 07/17/2025 | 12:40 | | | | | |
| | | | | | VOCMS Group3 | | 8260D | | 10 Bus. Days |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2639 NOBI03
**Client Name :** Nobis Group
**Client Contact :** Adam Roy
**Invoice Name :** Nobis Group
**Invoice Contact :** Adam Roy

**Order Date :** 7/18/2025 10:22:00 AM
**Project Name :** Raymark Superfund Site
**Receive DateTime :** 7/18/2025 9:55:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 4
**EDD Type :** EQUIS
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :** AV
**Date / Time :** 7/18/25 1100

**Received By :** Sam
**Date / Time :** 07/18/25 11:00

Rq #6 of 12

**Storage Area :** VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 129942 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.239 | 136 | 504796 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 263409 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 432329 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.116 | 240 | 253004 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.615 | 264 | 255898 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 89958 | 10.955 | ng | | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 112575 | 10.892 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.510 | 82 | 106670 | 10.533 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 26288 | 9.661 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.310 | 172 | 231962 | 12.043 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.063 | 244 | 198167 | 11.656 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.816 | 88 | 20208 | 5.201 | ng | | 97 |
| 3) Pyridine | 3.587 | 79 | 52981 | 5.254 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.504 | 42 | 26949 | 5.176 | ng | # | 99 |
| 6) Aniline | 6.616 | 93 | 75811 | 5.263 | ng | | 99 |
| 8) 2-Chlorophenol | 6.740 | 128 | 45203 | 5.252 | ng | | 98 |
| 9) Benzaldehyde | 6.504 | 77 | 41029 | 5.294 | ng | | 97 |
| 10) Phenol | 6.581 | 94 | 61148 | 5.431 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.687 | 93 | 46083 | 5.345 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 51056 | 5.460 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 52031 | 5.526 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 49028 | 5.474 | ng | | 98 |
| 15) Benzyl Alcohol | 7.087 | 79 | 40295 | 5.106 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 86727 | 5.423 | ng | | 100 |
| 17) 2-Methylphenol | 7.192 | 107 | 38278 | 5.289 | ng | | 97 |
| 18) Hexachloroethane | 7.481 | 117 | 16944 | 5.198 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.357 | 70 | 36103 | 5.445 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.345 | 107 | 50606 | 5.763 | ng | | 95 |
| 22) Acetophenone | 7.357 | 105 | 66559 | 5.569 | ng | # | 98 |
| 24) Nitrobenzene | 7.528 | 77 | 47902 | 5.074 | ng | | 96 |
| 25) Isophorone | 7.769 | 82 | 94372 | 5.279 | ng | | 99 |
| 26) 2-Nitrophenol | 7.851 | 139 | 16827 | 4.107 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.881 | 122 | 44954 | 5.382 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.981 | 93 | 58465 | 5.455 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.087 | 162 | 36884 | 5.236 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 41552 | 5.460 | ng | | 99 |
| 31) Naphthalene | 8.263 | 128 | 141099 | 5.676 | ng | | 99 |
| 32) Benzoic acid | 7.881 | 122 | 44954 | 13.661 | ng | # | 13 |
| 33) 4-Chloroaniline | 8.304 | 127 | 55130 | 5.431 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 24322 | 5.232 | ng | | 100 |
| 35) Caprolactam | 8.622 | 113 | 9647 | 4.532 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.769 | 107 | 40203 | 5.251 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.951 | 142 | 84234 | 5.568 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.051 | 142 | 86130 | 5.529 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 41999 | 5.523 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.110 | 237 | 20668 | 4.177 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.222 | 196 | 25730 | 4.889 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.257 | 196 | 26626 | 5.057 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 115130 | 5.602 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.439 | 162 | 83495 | 5.491 | ng | | 98 |
| 48) 2-Nitroaniline | 9.522 | 65 | 20076 | 4.210 | ng | | 95 |
| 49) Acenaphthylene | 9.857 | 152 | 140525 | 5.514 | ng | | 98 |
| 50) Dimethylphthalate | 9.704 | 163 | 93611 | 5.452 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.763 | 165 | 14787 | 4.234 | ng | | 90 |
| 52) Acenaphthene | 10.028 | 154 | 84160 | 5.588 | ng | | 99 |
| 53) 3-Nitroaniline | 9.928 | 138 | 18738 | 4.587 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 10.033 | 184 | 2389 | 8.047 | ng | # | 1 |
| 55) Dibenzofuran | 10.198 | 168 | 127035 | 5.681 | ng | | 97 |
| 56) 4-Nitrophenol | 10.075 | 139 | 11894 | 3.899 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.163 | 165 | 17709 | 4.041 | ng | | 92 |
| 58) Fluorene | 10.539 | 166 | 97477 | 5.808 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 21108 | 4.840 | ng | # | 97 |
| 60) Diethylphthalate | 10.404 | 149 | 90651 | 5.342 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204 | 46747 | 5.594 | ng | | 98 |
| 62) 4-Nitroaniline | 10.533 | 138 | 15568 | 4.446 | ng | | 96 |
| 63) Azobenzene | 10.692 | 77 | 95602 | 5.405 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198 | 4692 | 7.249 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 10.645 | 169 | 82281 | 5.405 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248 | 27259 | 5.291 | ng | | 97 |
| 68) Hexachlorobenzene | 11.092 | 284 | 29052 | 5.395 | ng | | 98 |
| 69) Atrazine | 11.169 | 200 | 19865 | 4.733 | ng | | 99 |
| 70) Pentachlorophenol | 11.280 | 266 | 11294 | 3.566 | ng | | 98 |
| 71) Phenanthrene | 11.504 | 178 | 128762 | 5.609 | ng | | 100 |
| 72) Anthracene | 11.557 | 178 | 127938 | 5.465 | ng | | 98 |
| 73) Carbazole | 11.704 | 167 | 112588 | 5.507 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 116291 | 5.027 | ng | | 99 |
| 75) Fluoranthene | 12.692 | 202 | 117249 | 5.565 | ng | | 99 |
| 77) Benzidine | 12.804 | 184 | 47236 | 4.846 | ng | | 98 |
| 78) Pyrene | 12.922 | 202 | 120767 | 5.593 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.533 | 149 | 27699 | 4.189 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.104 | 228 | 86920 | 5.131 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.063 | 252 | 26392 | 4.675 | ng | | 99 |
| 83) Chrysene | 14.139 | 228 | 81091 | 5.325 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 43732 | 4.370 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 75225 | 4.147 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.139 | 276 | 91076 | 5.047 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 78749 | 5.037 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 74738 | 5.358 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.551 | 252 | 72196 | 5.012 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.162 | 278 | 74120 | 5.047 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.604 | 276 | 70403 | 4.955 | ng | | 99 |

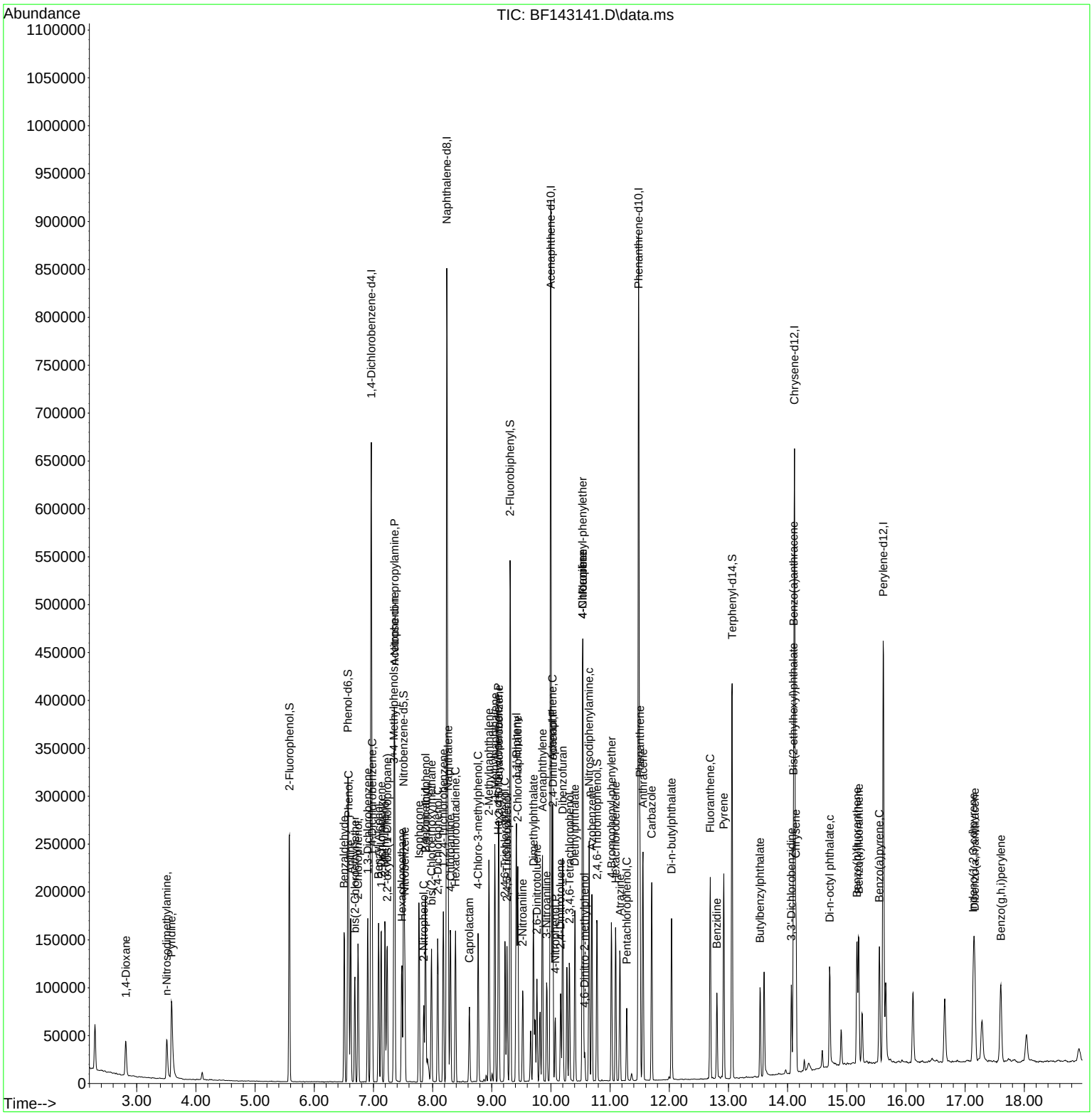
(#) = qualifier out of range (m) = manual integration (+) = signals summed

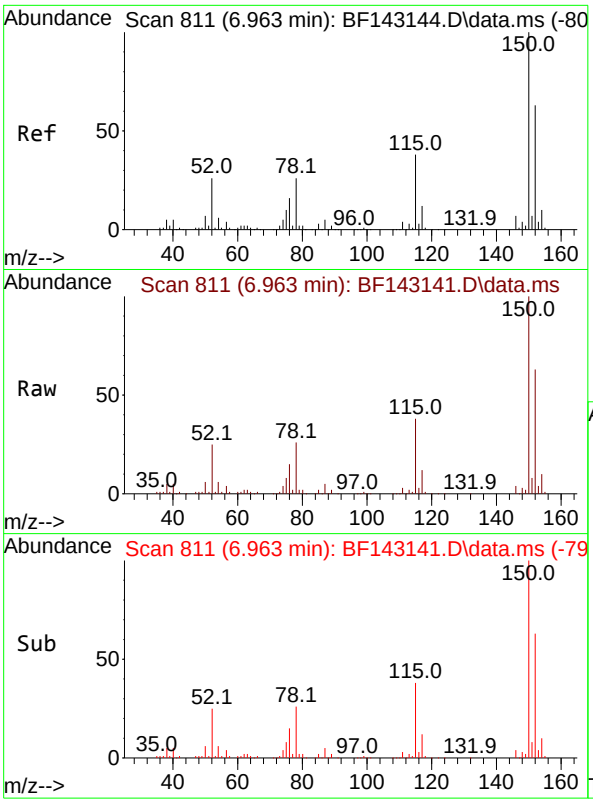
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



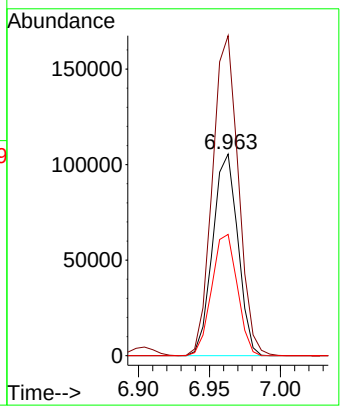


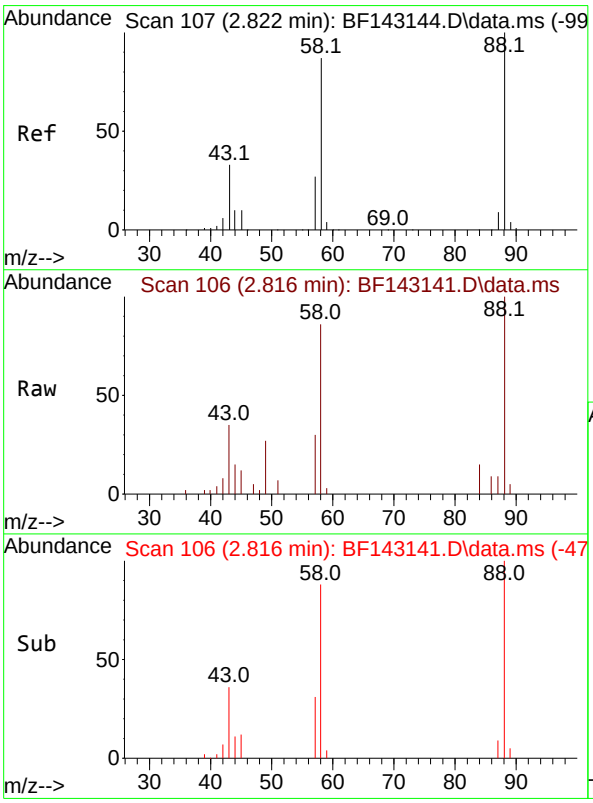

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 129942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.7 | 128.2 | 192.4 |
| 115 | 60.2 | 47.9 | 71.9 |

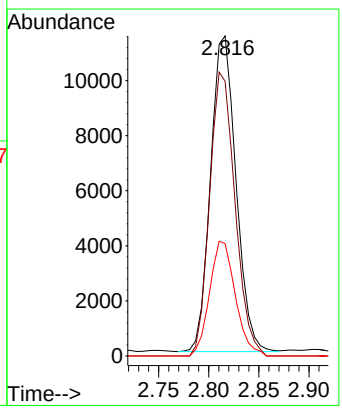


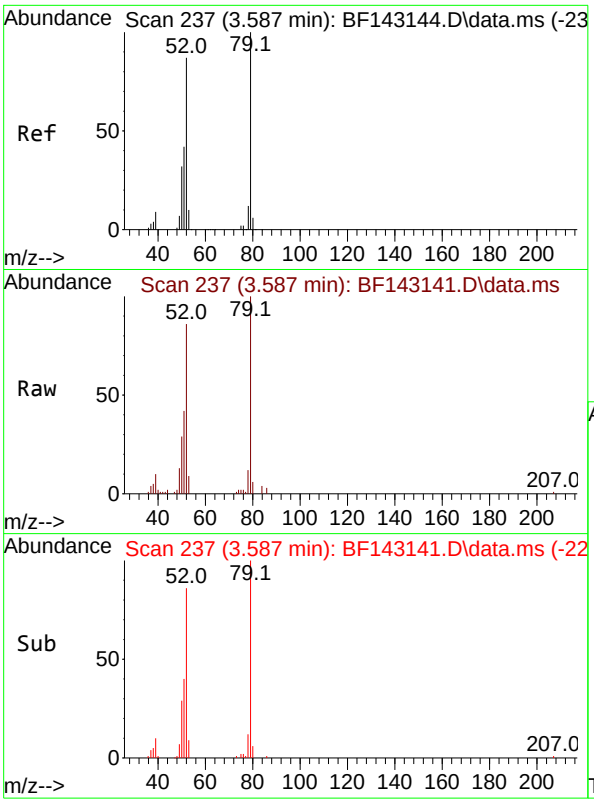




#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.6 | 70.2 | 105.2 |
| 43 | 36.7 | 27.1 | 40.7 |



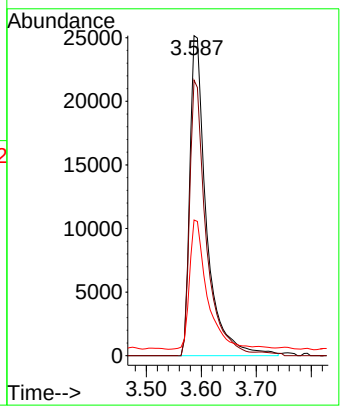


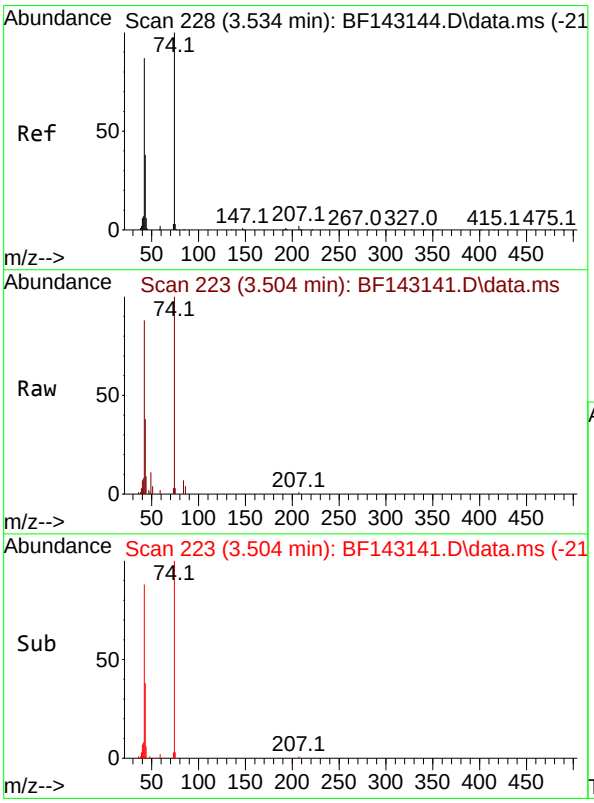

#3
Pyridine
Concen: 5.254 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 52981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.1 | 69.4 | 104.2 |
| 51 | 42.4 | 33.5 | 50.3 |

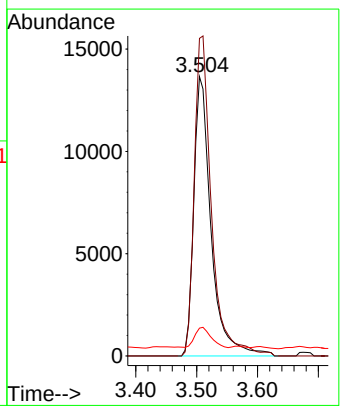


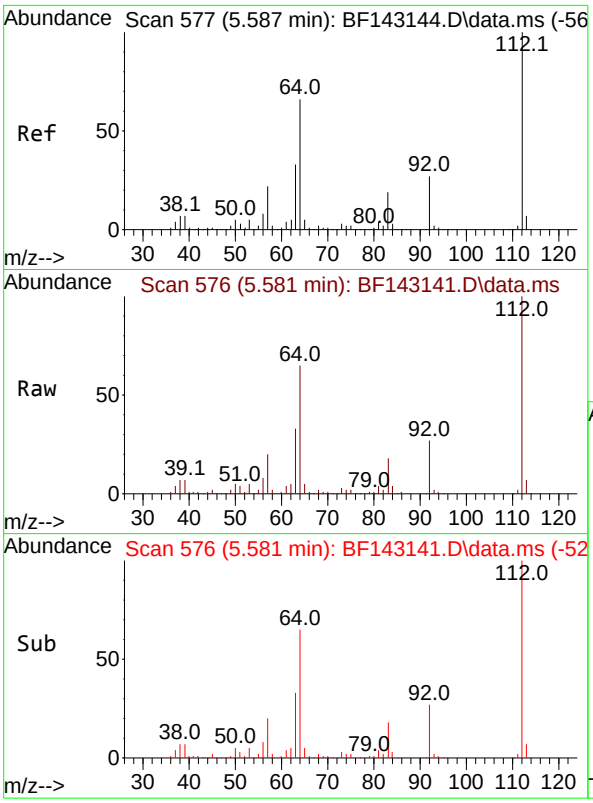




#4
n-Nitrosodimethylamine
Concen: 5.176 ng
RT: 3.504 min Scan# 223
Delta R.T. -0.029 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 42 Resp: 26949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.7 | 91.7 | 137.5 |
| 44 | 10.0 | 5.6 | 8.4# |



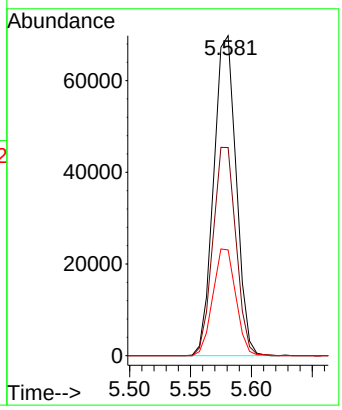


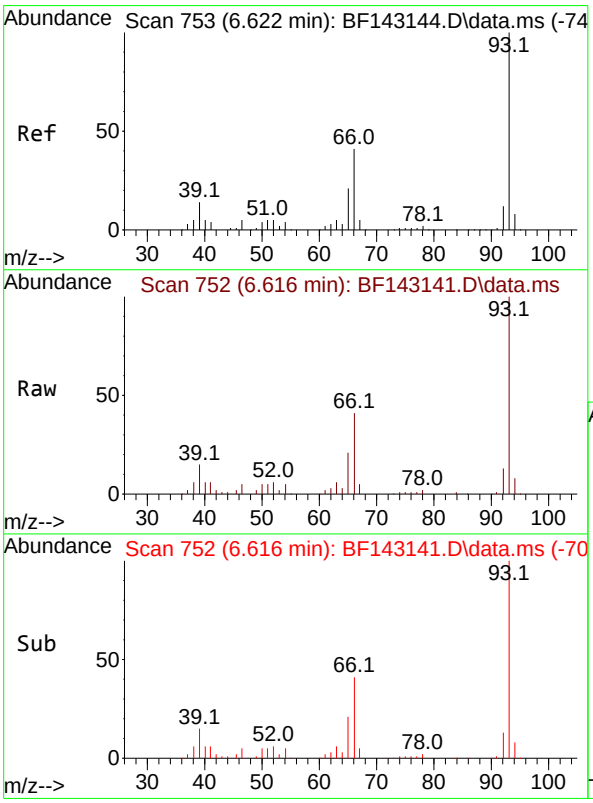

#5
2-Fluorophenol
Concen: 10.955 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:112 Resp: 89958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.1 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |

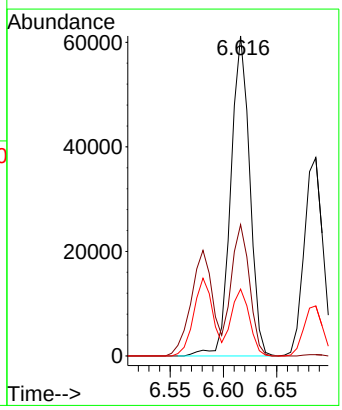


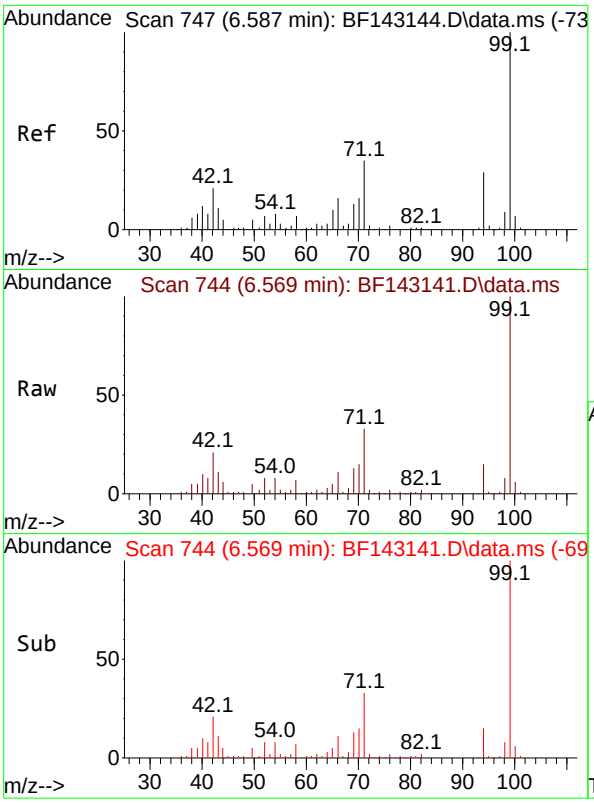




#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 75811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.9 | 16.9 | 25.3 |



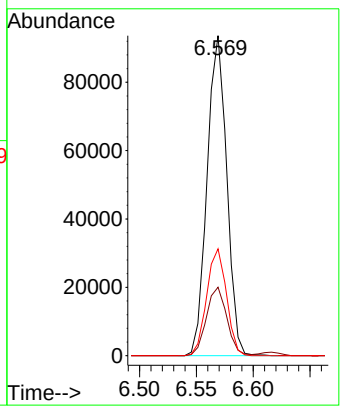


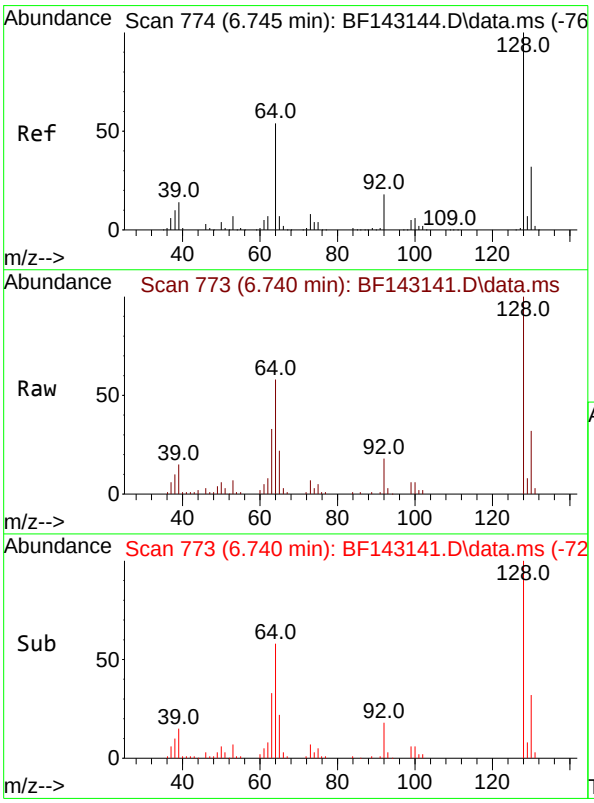

#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 99 Resp: 112575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 33.4 | 27.7 | 41.5 |

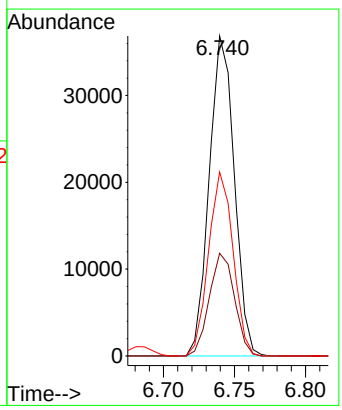


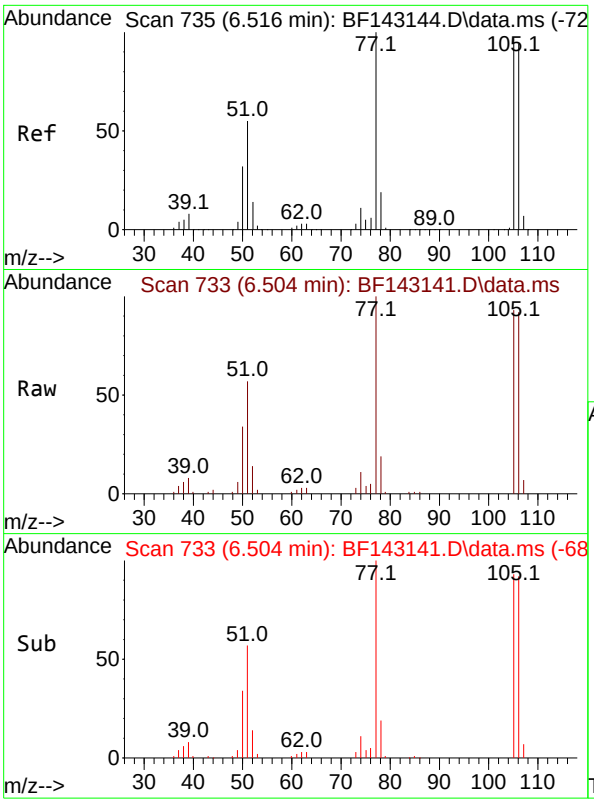




#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:128 Resp: 45203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.3 | 52.3 |
| 64 | 57.5 | 35.9 | 75.9 |



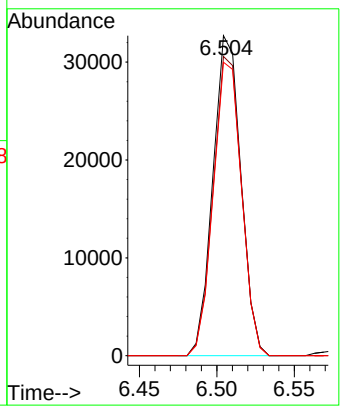


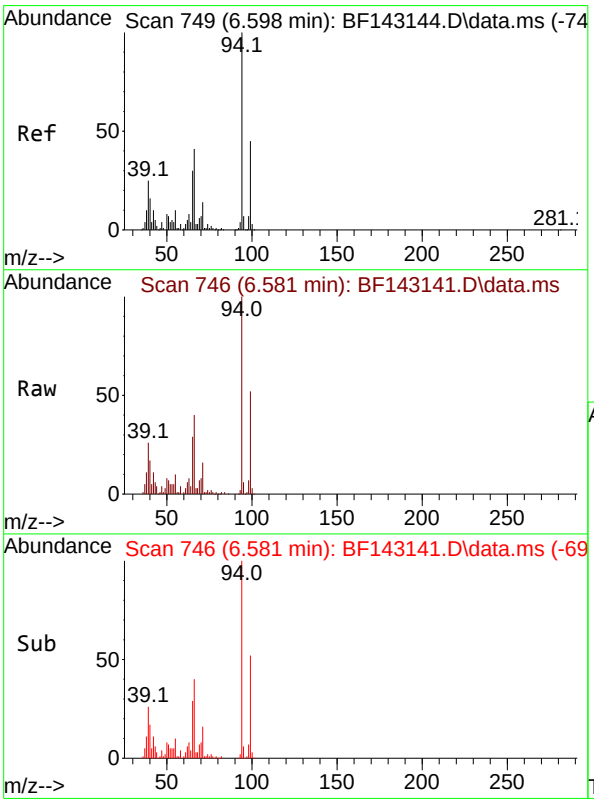

#9
Benzaldehyde
Concen: 5.294 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 77 Resp: 41029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.5 | 76.8 | 116.8 |
| 106 | 91.7 | 74.4 | 114.4 |

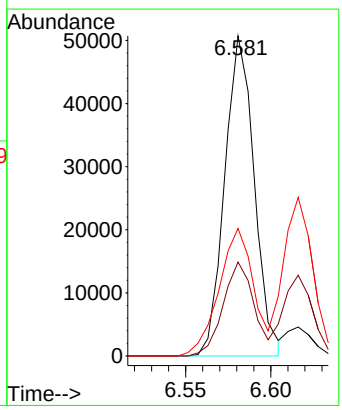


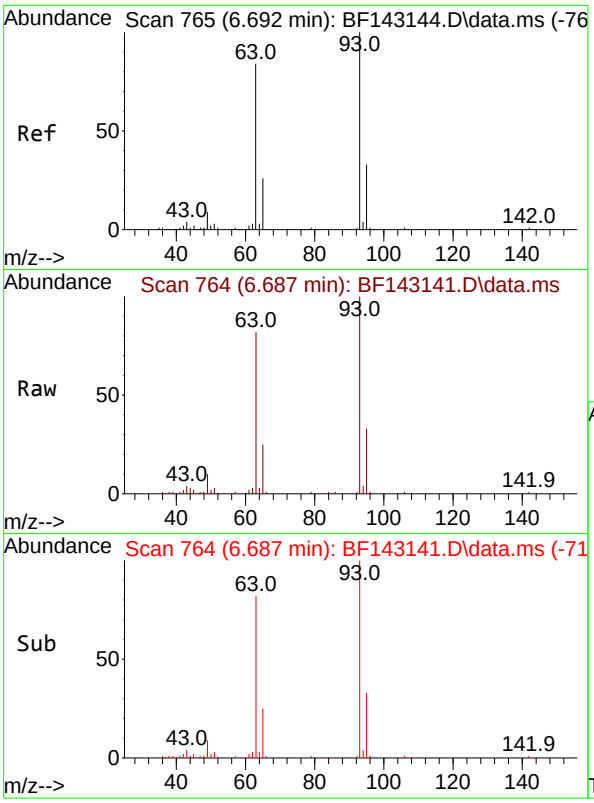




#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.0 | 50.0 |
| 66 | 39.8 | 20.8 | 60.8 |



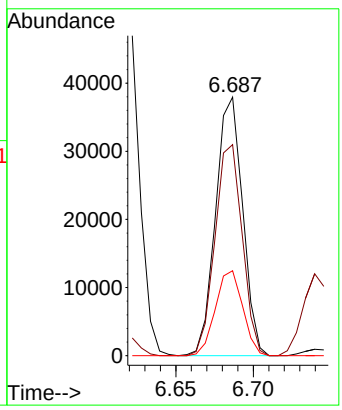


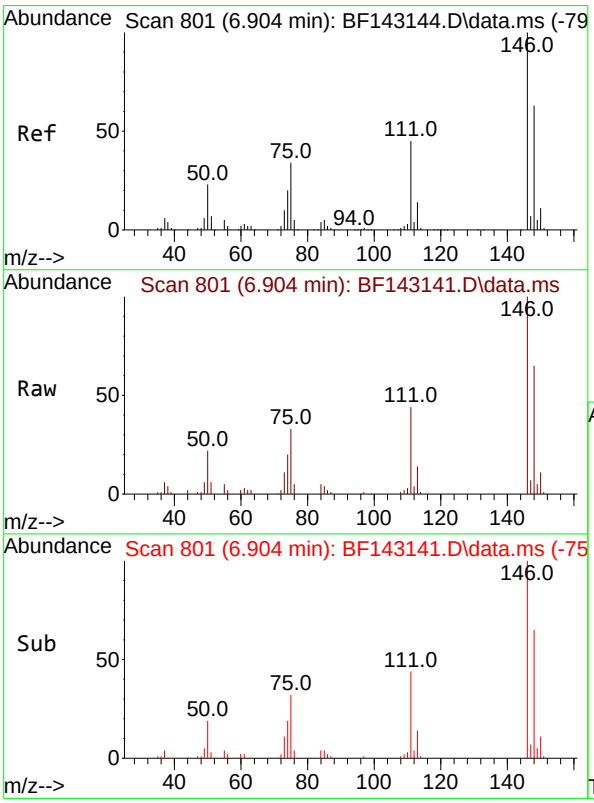

#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 46083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.6 | 63.4 | 103.4 |
| 95 | 32.9 | 12.4 | 52.4 |

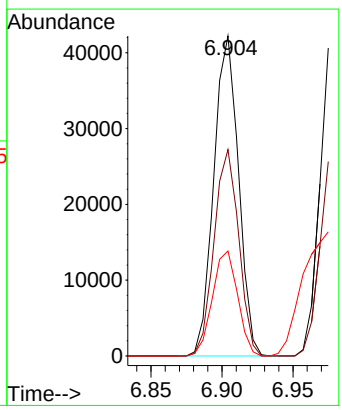


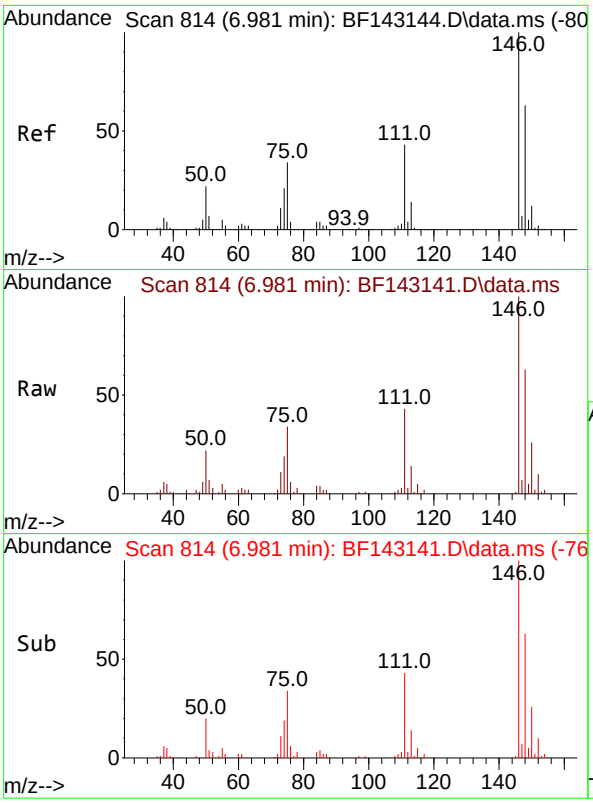




#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 50.6 | 76.0 |
| 75 | 32.8 | 27.4 | 41.2 |



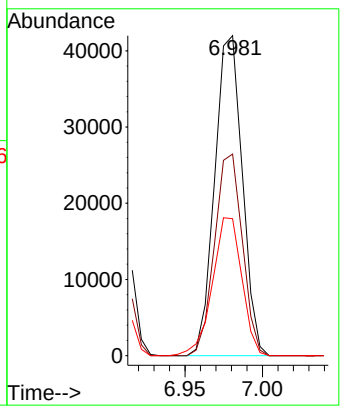


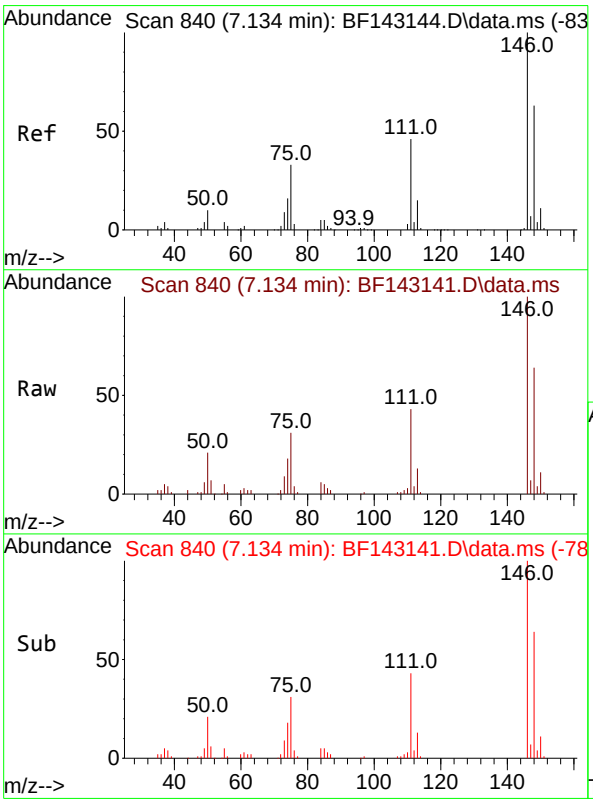

#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:146 Resp: 52031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.3 | 75.5 |
| 111 | 42.8 | 34.4 | 51.6 |

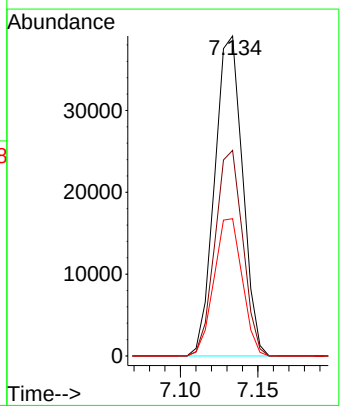


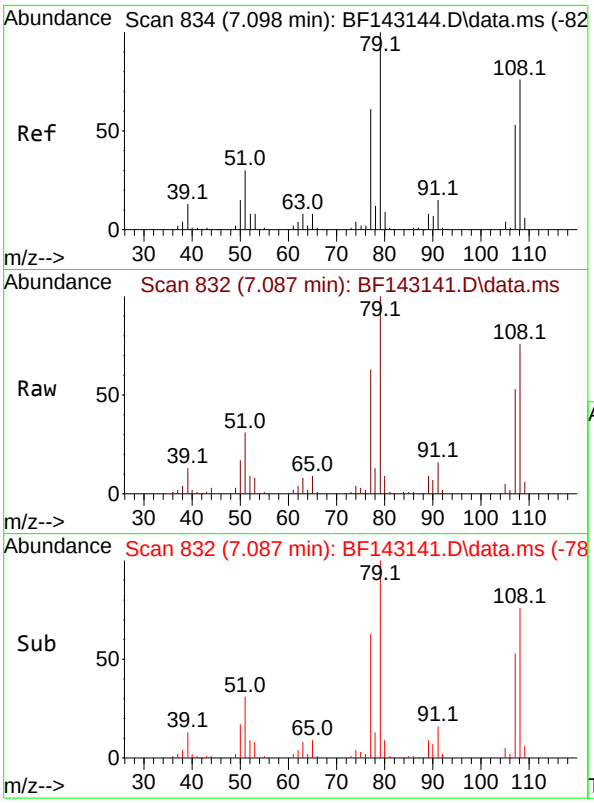




#14
1,2-Dichlorobenzene
Concen: 5.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 49028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 50.7 | 76.1 |
| 111 | 42.9 | 36.6 | 54.8 |



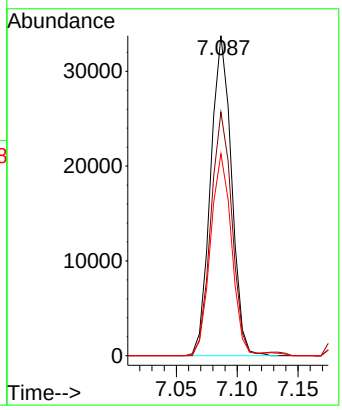


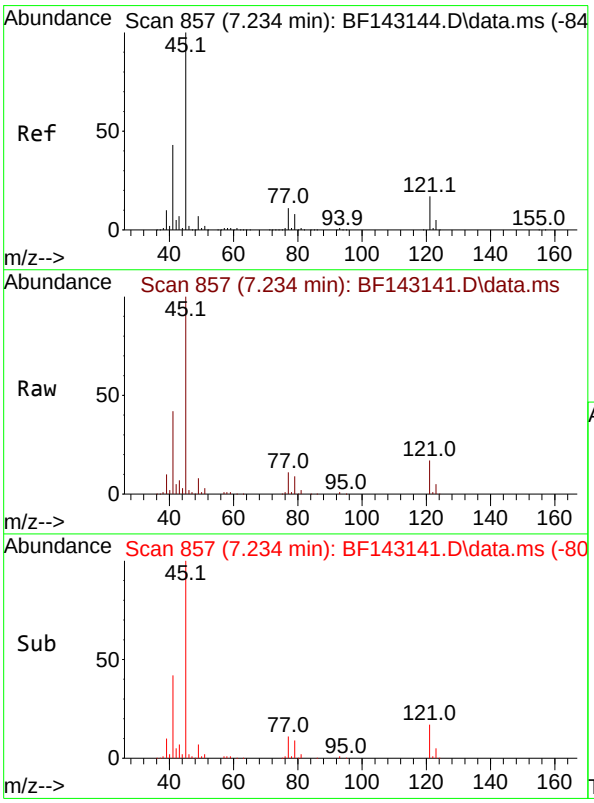

#15
Benzyl Alcohol
Concen: 5.106 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 40295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.1 | 61.1 | 91.7 |
| 77 | 63.1 | 48.9 | 73.3 |

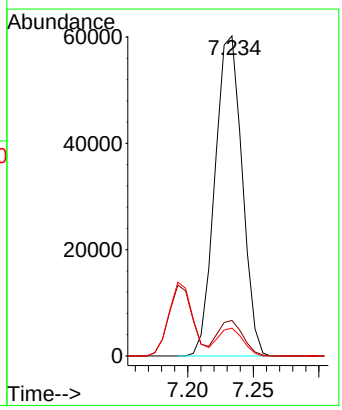


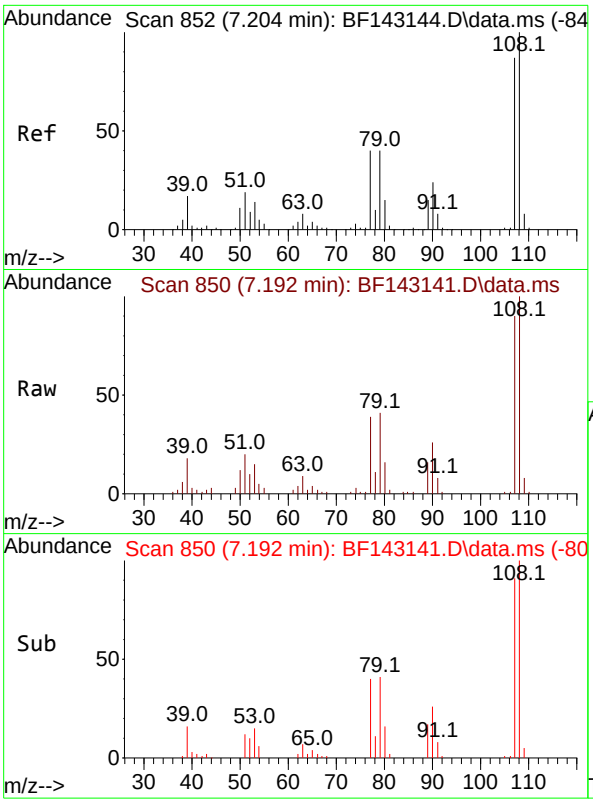




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 45 Resp: 86727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.1 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |



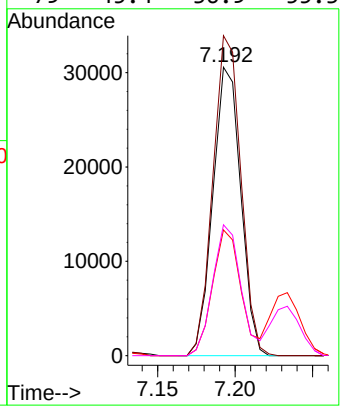


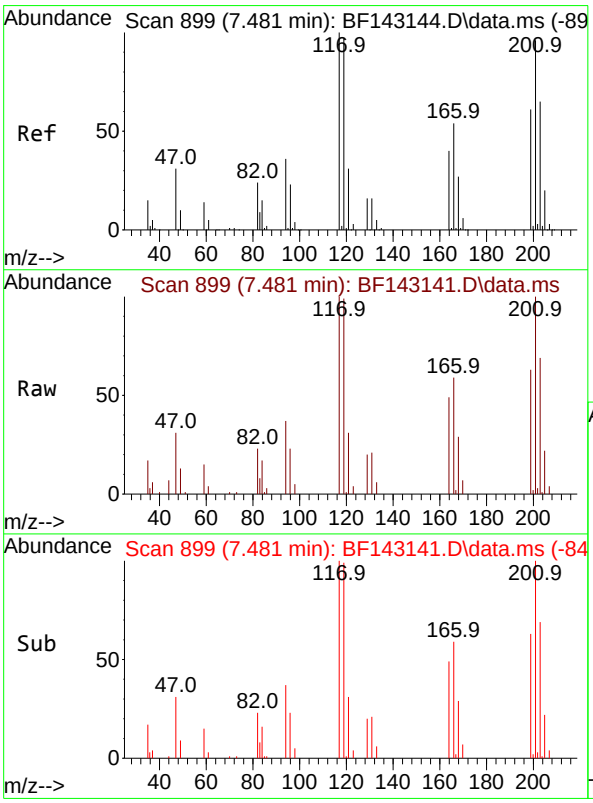

#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:107 Resp: 38278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 91.8 | 137.6 |
| 77 | 43.6 | 37.0 | 55.6 |
| 79 | 45.4 | 36.9 | 55.3 |

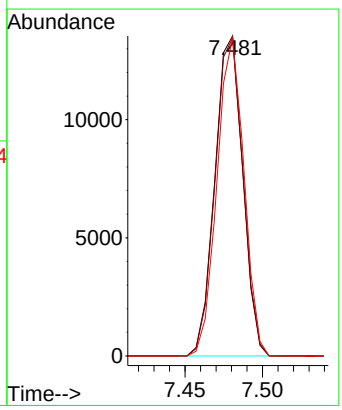


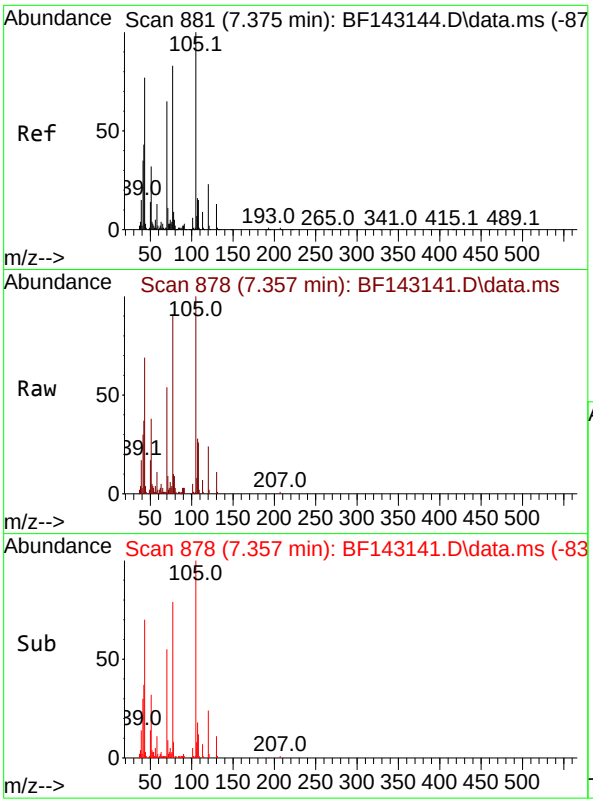




#18
Hexachloroethane
Concen: 5.198 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:117 Resp: 16944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.4 | 77.8 | 116.8 |
| 201 | 99.6 | 77.0 | 115.4 |



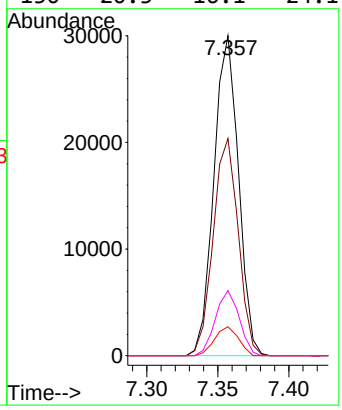


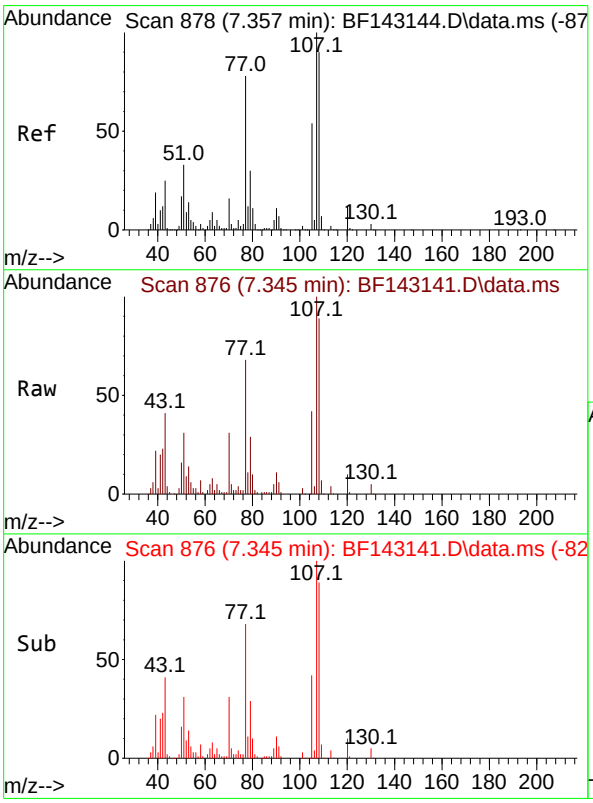

#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 70 Resp: 36103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.8 | 52.5 | 78.7 |
| 101 | 9.0 | 7.6 | 11.4 |
| 130 | 20.3 | 16.1 | 24.1 |

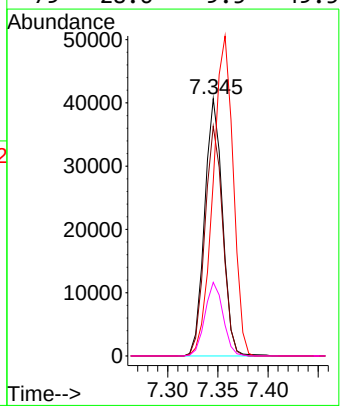


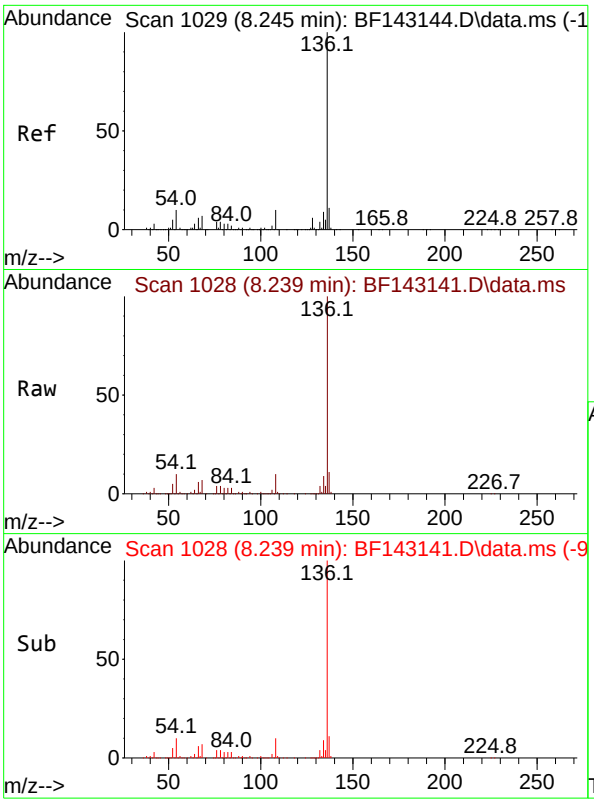




#20
3+4-Methylphenols
Concen: 5.763 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 50606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 70.0 | 110.0 |
| 77 | 67.7 | 57.8 | 97.8 |
| 79 | 28.6 | 9.5 | 49.5 |



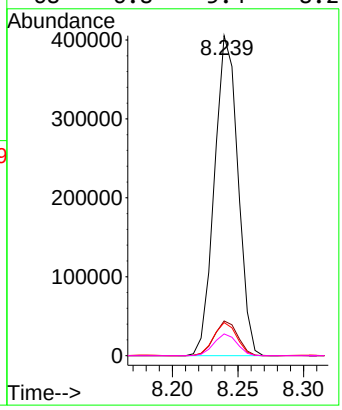


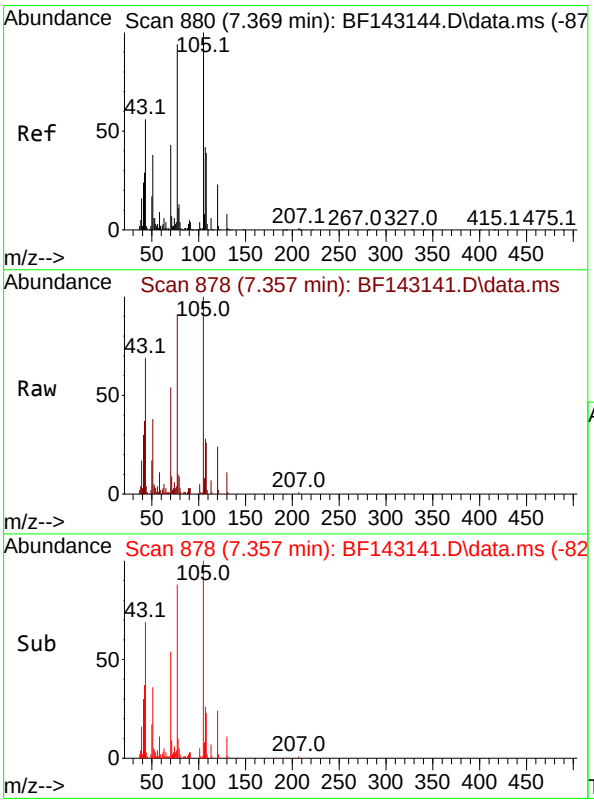

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:136 Resp: 504796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.3 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

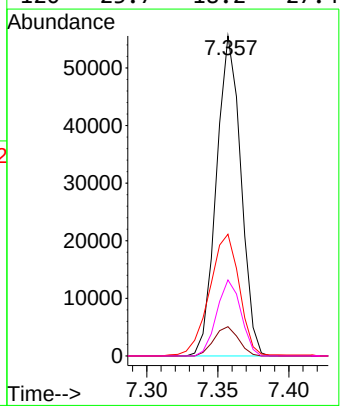


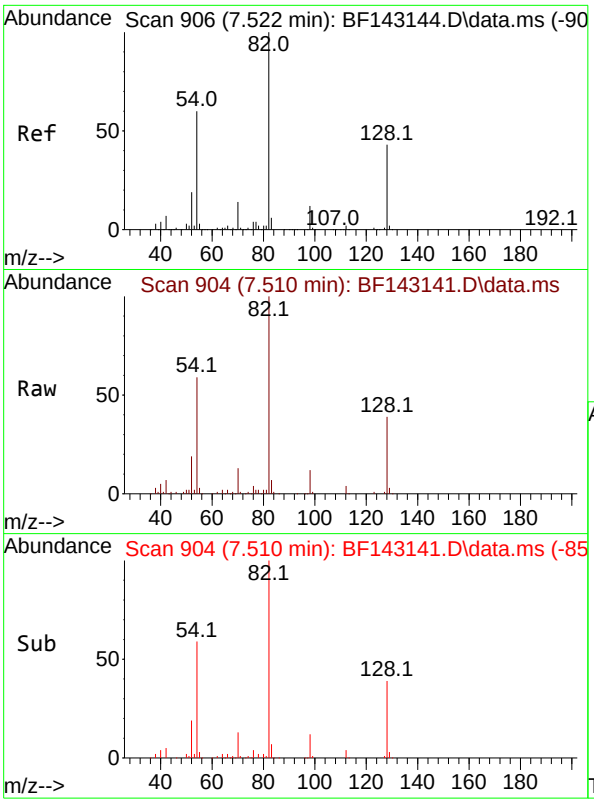




#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.1 | 5.8 | 8.6# |
| 51 | 38.1 | 30.2 | 45.2 |
| 120 | 23.7 | 18.2 | 27.4 |



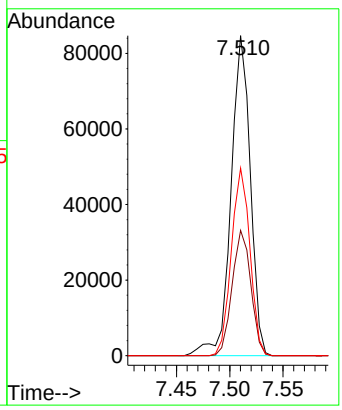


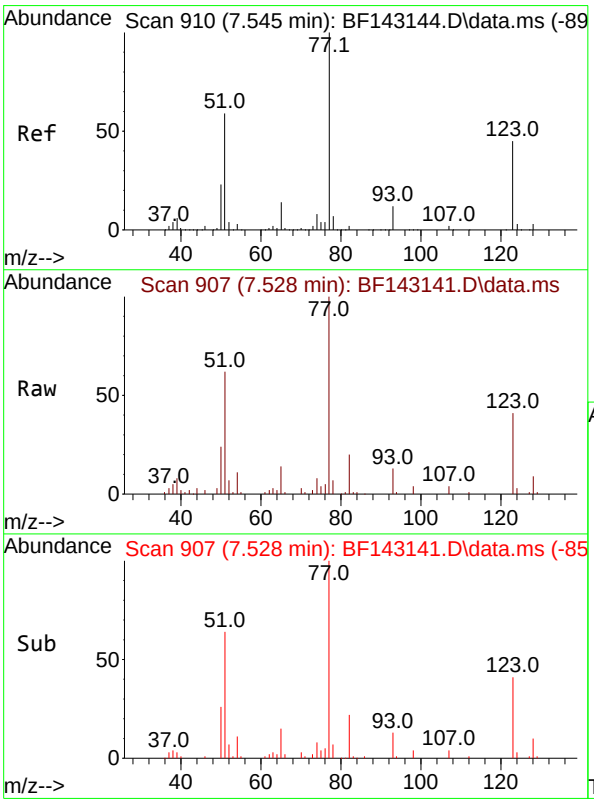

#23
Nitrobenzene-d5
Concen: 10.533 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 106670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 33.6 | 50.4 |
| 54 | 58.6 | 47.1 | 70.7 |

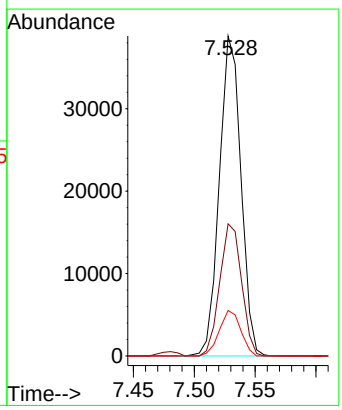


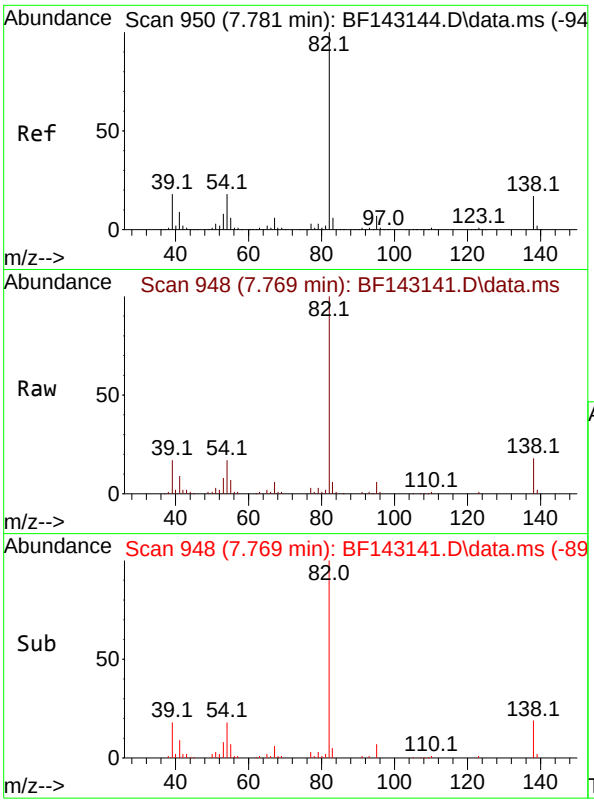




#24
Nitrobenzene
Concen: 5.074 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 77 Resp: 47902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.3 | 36.1 | 54.1 |
| 65 | 14.2 | 11.4 | 17.2 |



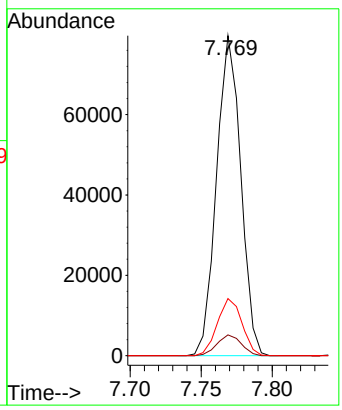


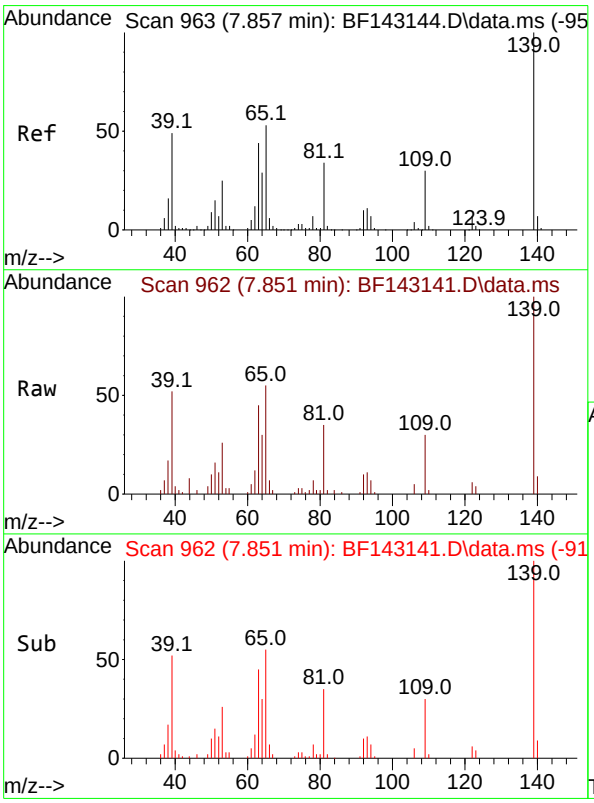

#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 94372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.5 | 8.3 |
| 138 | 17.8 | 13.8 | 20.8 |

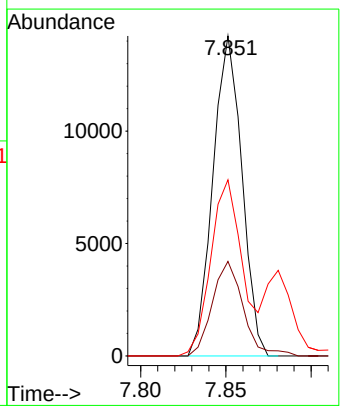


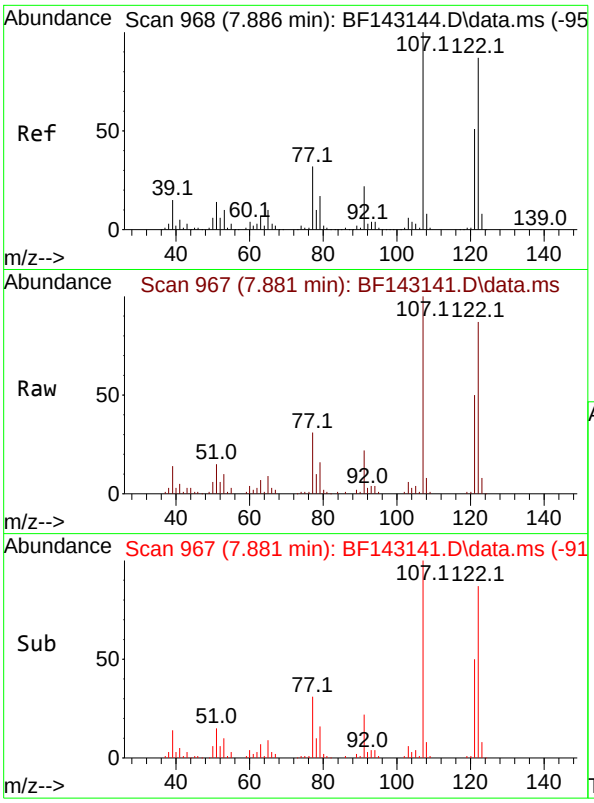




#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.5 | 23.6 | 35.4 |
| 65 | 55.0 | 42.6 | 64.0 |



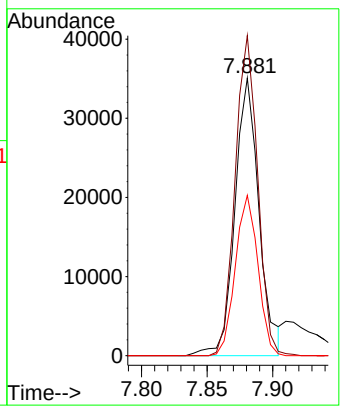


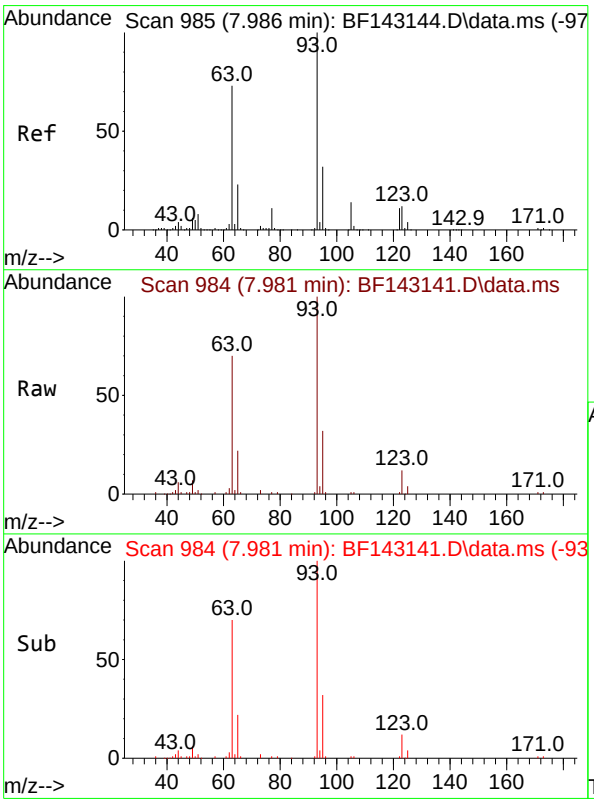

#27
2,4-Dimethylphenol
Concen: 5.382 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:122 Resp: 44954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.3 | 91.8 | 137.6 |
| 121 | 57.8 | 46.3 | 69.5 |

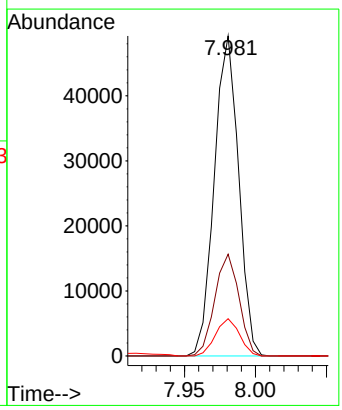


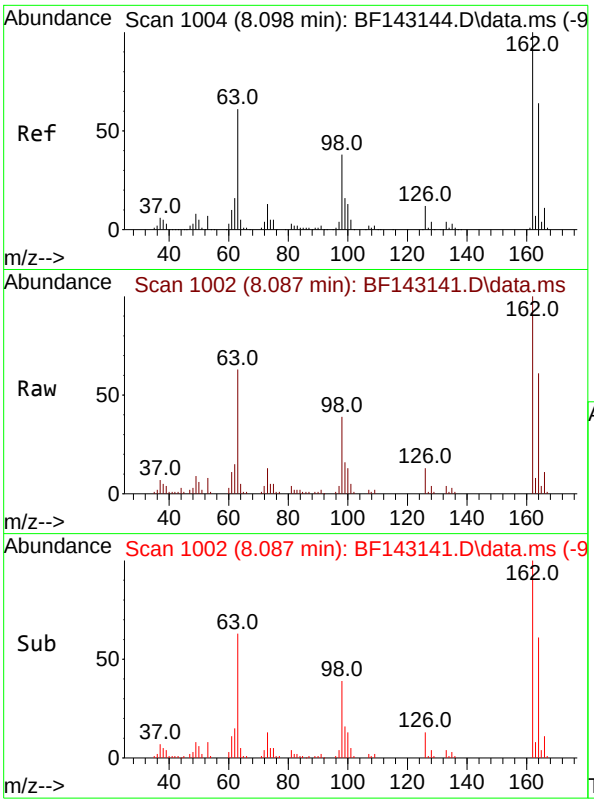




#28
bis(2-Chloroethoxy)methane
Concen: 5.455 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.8 | 38.6 |
| 123 | 11.7 | 9.7 | 14.5 |



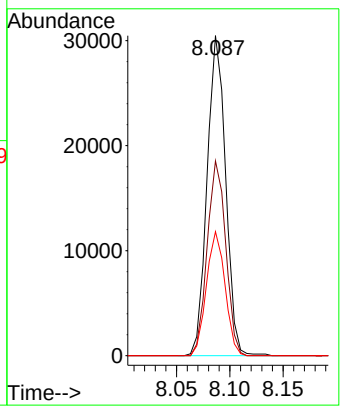


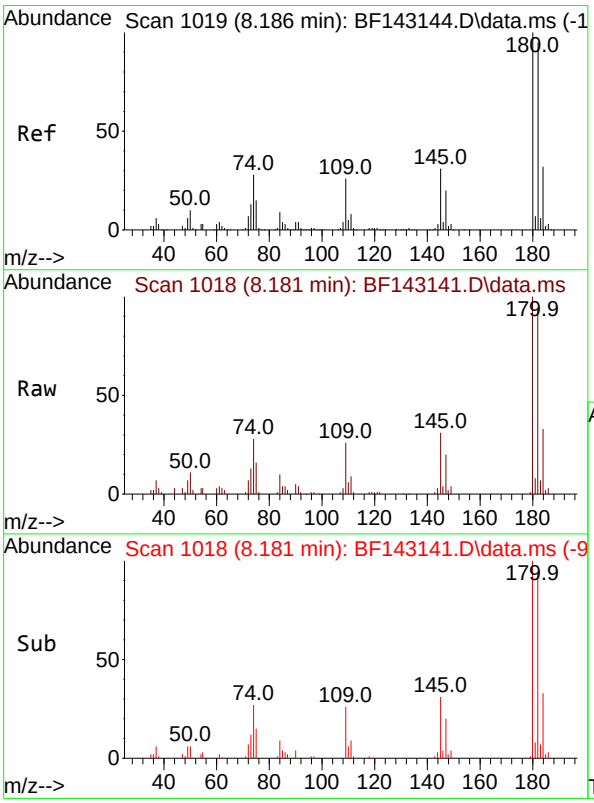

#29
2,4-Dichlorophenol
Concen: 5.236 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 36884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.8 | 44.2 | 84.2 |
| 98 | 38.7 | 17.9 | 57.9 |

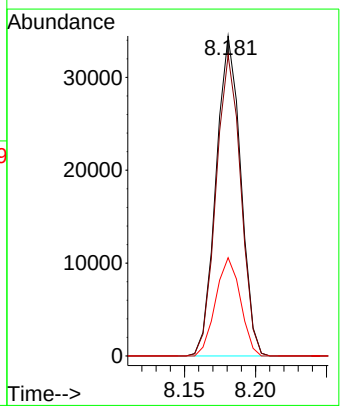


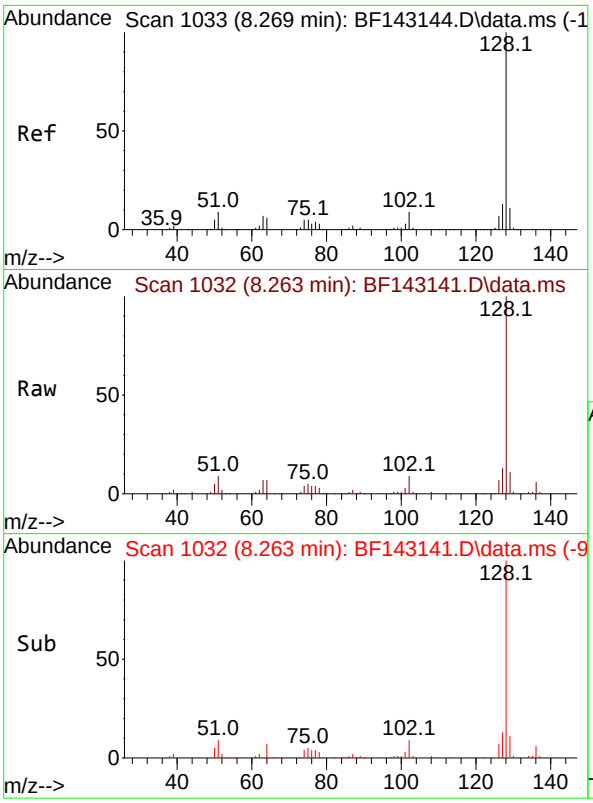




#30
1,2,4-Trichlorobenzene
Concen: 5.460 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:180 Resp: 41552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 76.2 | 114.2 |
| 145 | 30.7 | 25.0 | 37.6 |



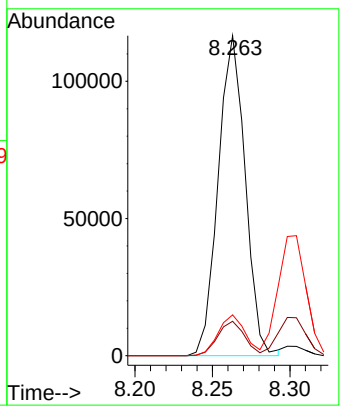


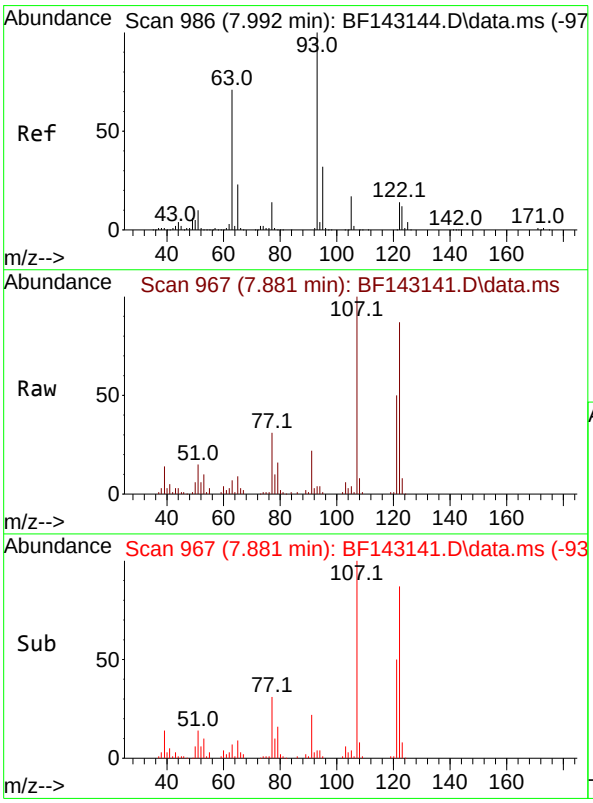

#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 141099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.4 |
| 127 | 12.7 | 10.6 | 16.0 |

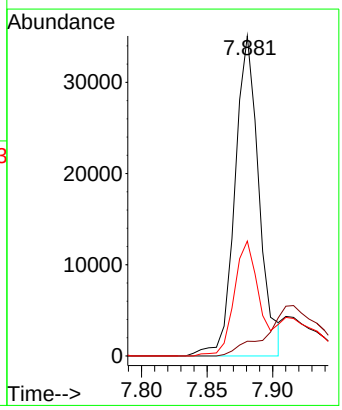


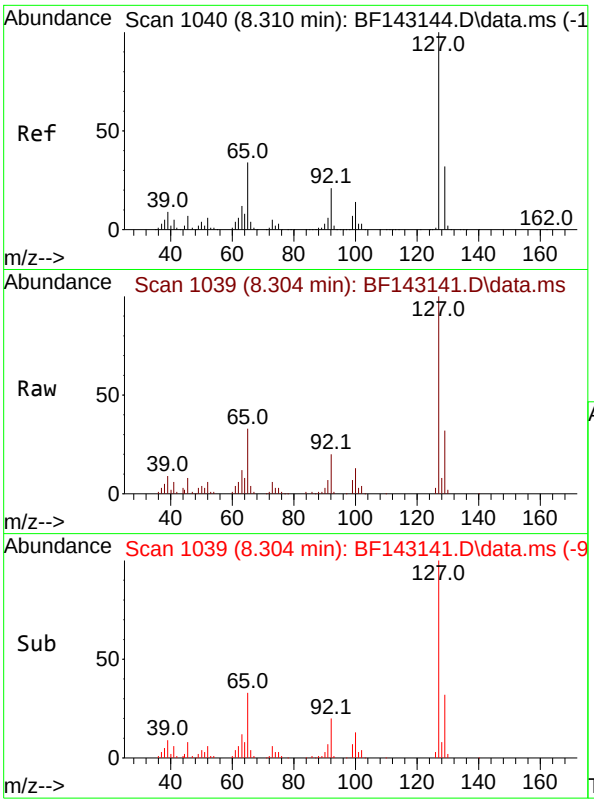




#32
Benzoic acid
Concen: 13.661 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.111 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:122 Resp: 44954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.6 | 104.8 | 144.8# |
| 77 | 35.9 | 77.6 | 117.6# |



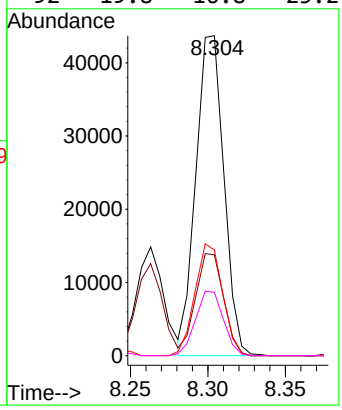


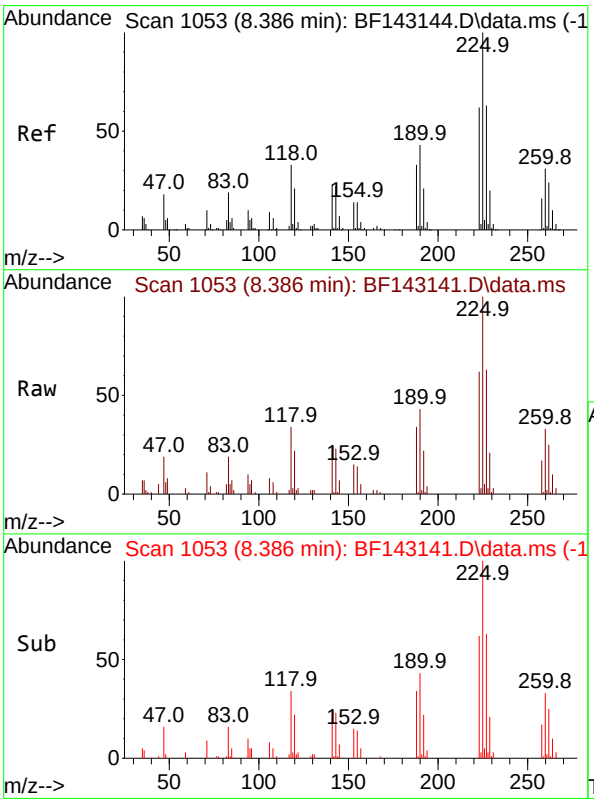

#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:127 Resp: 55130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.0 | 39.0 |
| 65 | 33.0 | 27.4 | 41.2 |
| 92 | 19.8 | 16.8 | 25.2 |

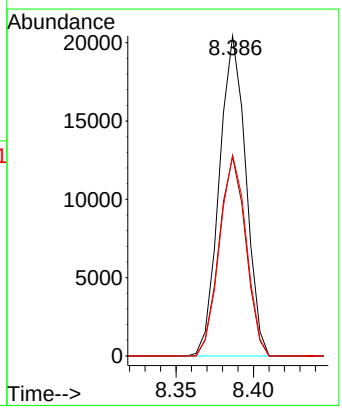


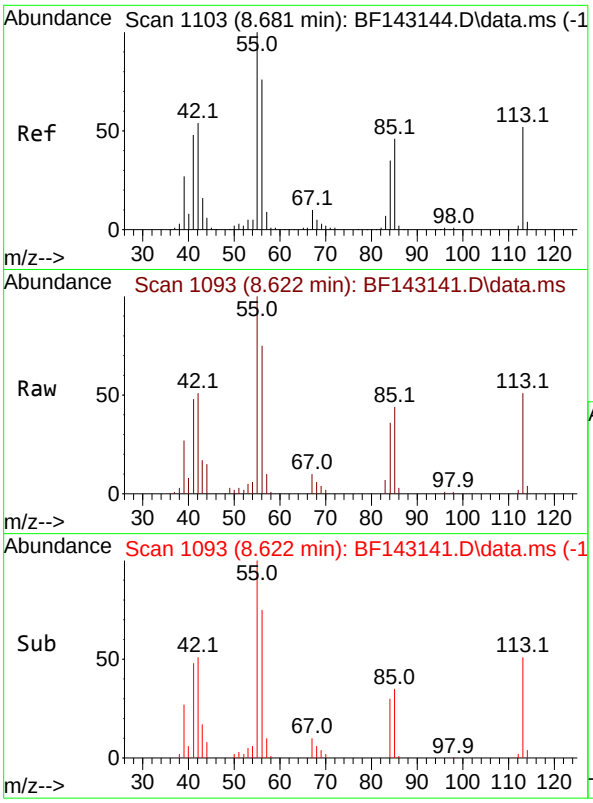




#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:225 Resp: 24322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 62.8 | 50.2 | 75.4 |



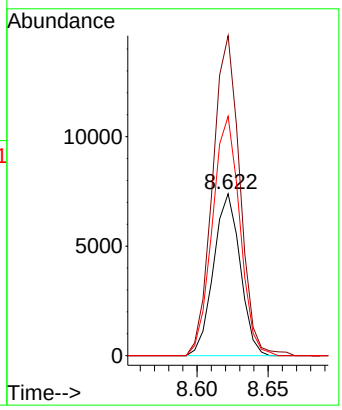


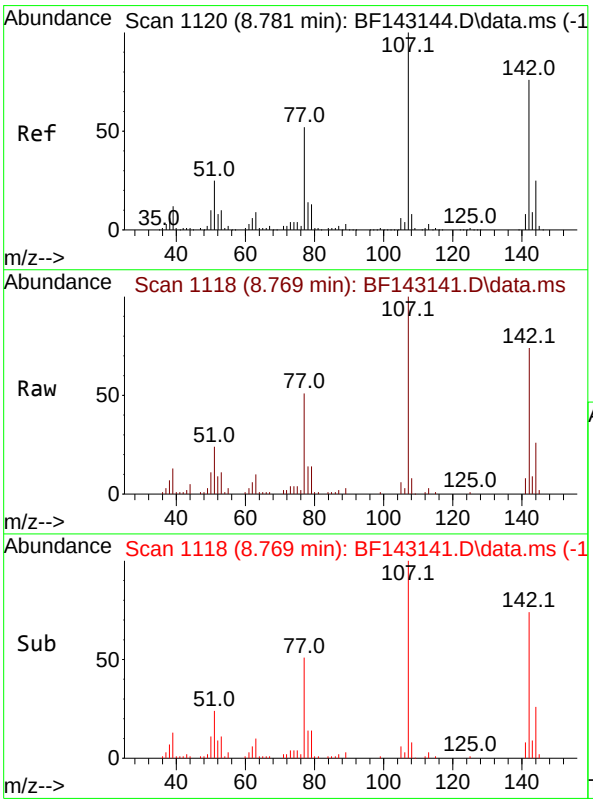

#35
Caprolactam
Concen: 4.532 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:113 Resp: 9647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 197.6 | 174.0 | 214.0 |
| 56 | 147.8 | 126.6 | 166.6 |

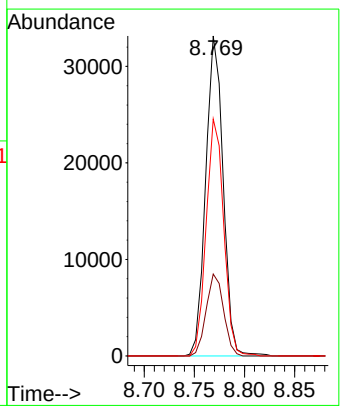


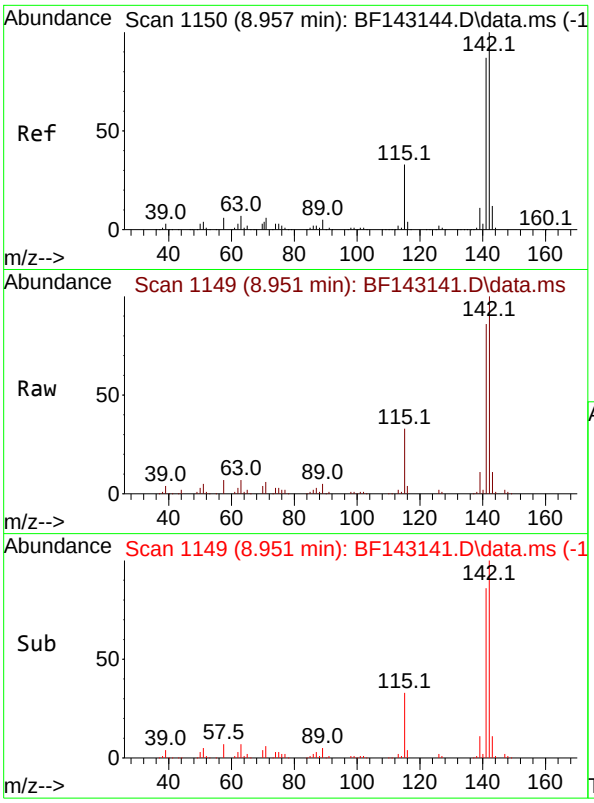




#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:107 Resp: 40203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.6 | 19.8 | 29.6 |
| 142 | 74.1 | 60.6 | 90.8 |



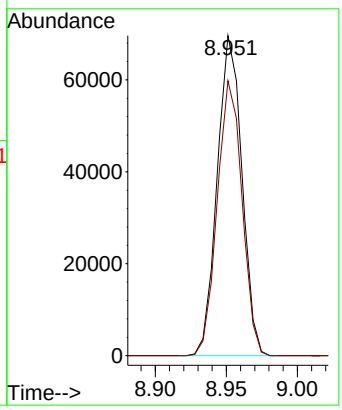


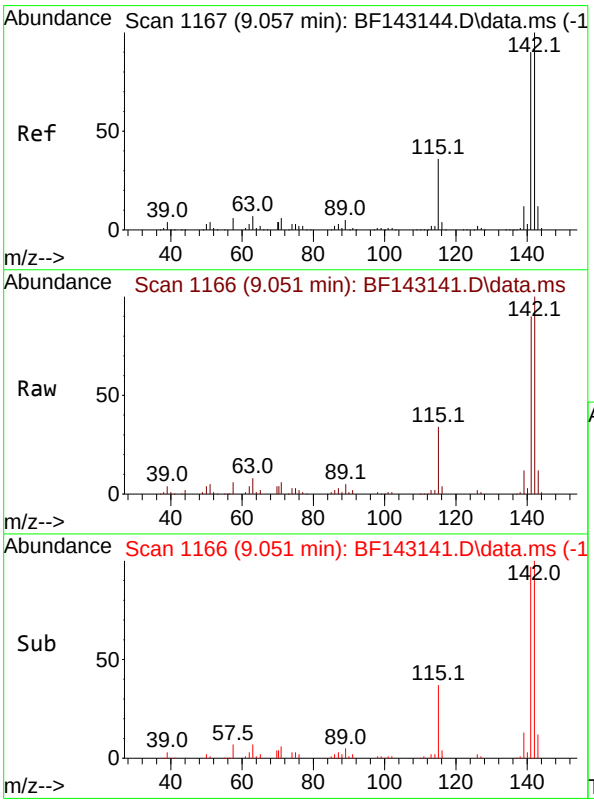

#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:142 Resp: 84234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.9 | 69.9 | 104.9 |

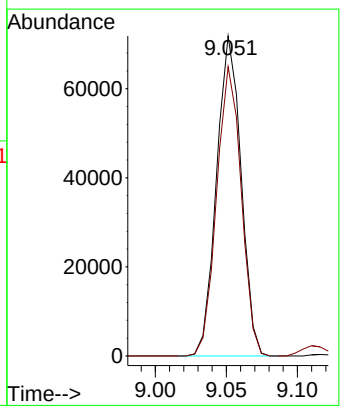


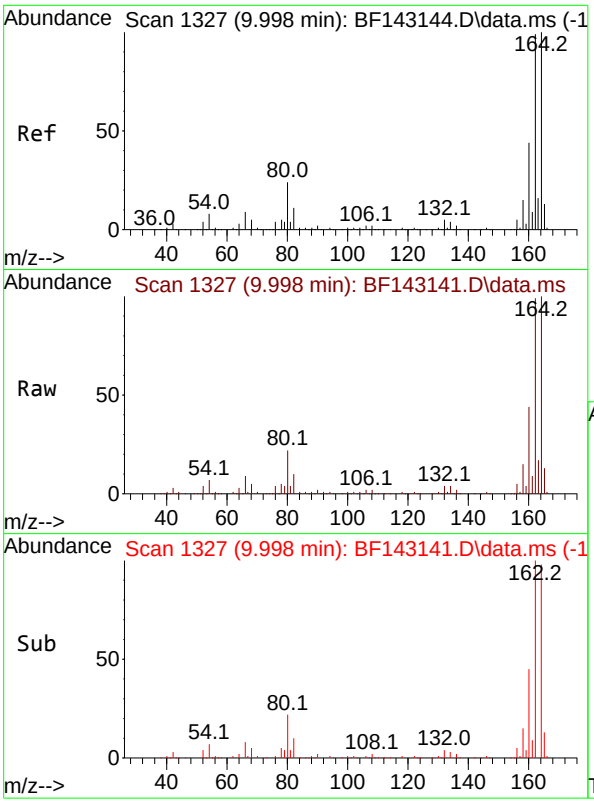




#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |



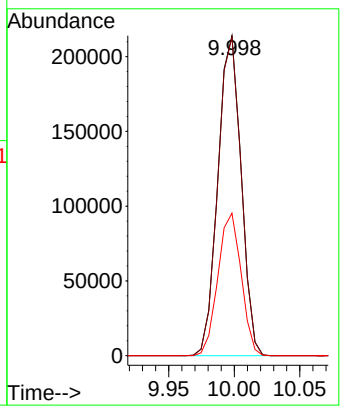


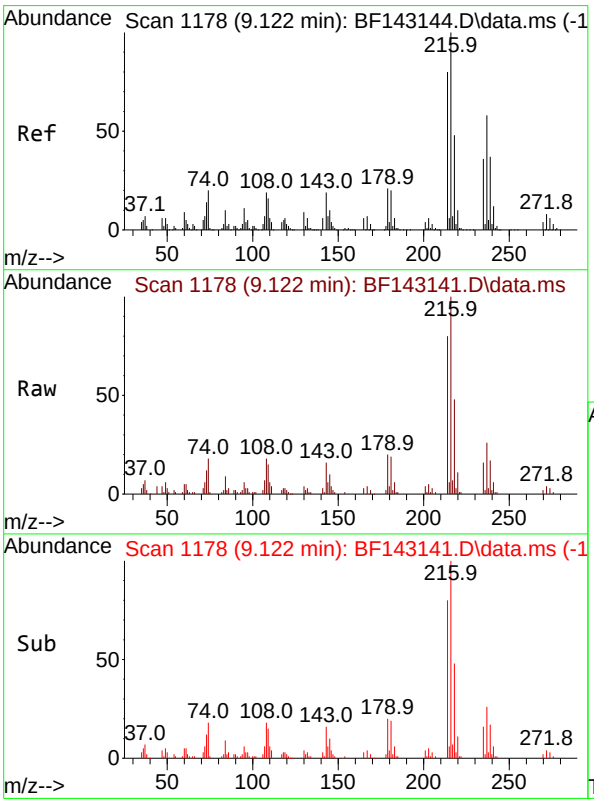

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:164 Resp: 263409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 79.0 | 118.6 |
| 160 | 44.5 | 35.1 | 52.7 |

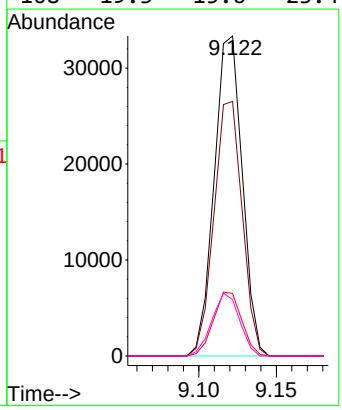


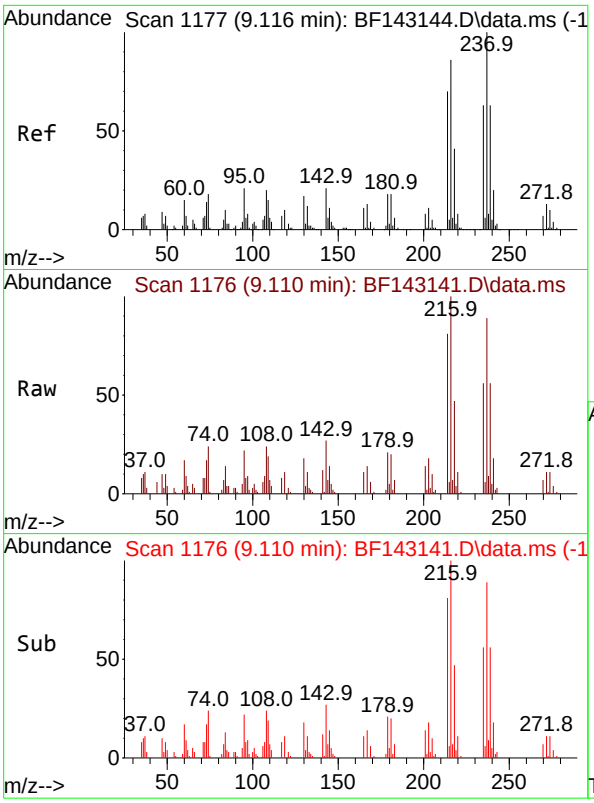




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.523 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.9 | 63.8 | 95.8 |
| 179 | 20.1 | 16.4 | 24.6 |
| 108 | 19.3 | 15.6 | 23.4 |



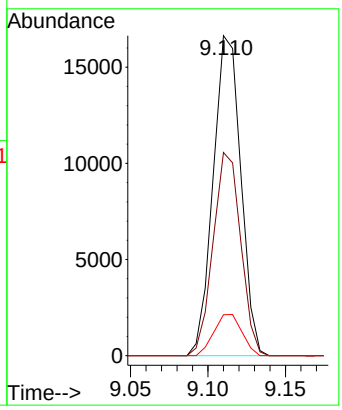


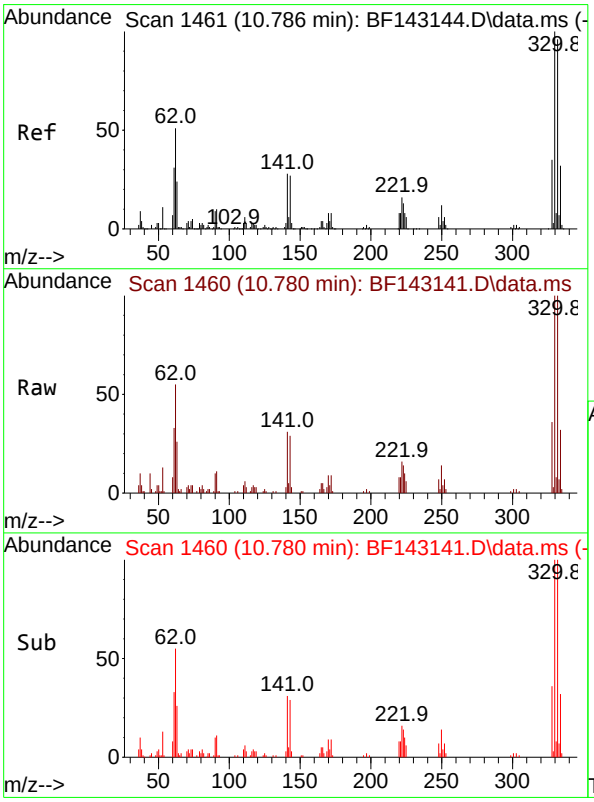

#41
Hexachlorocyclopentadiene
Concen: 4.177 ng
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:237 Resp: 20668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 43.0 | 83.0 |
| 272 | 12.8 | 0.0 | 33.3 |

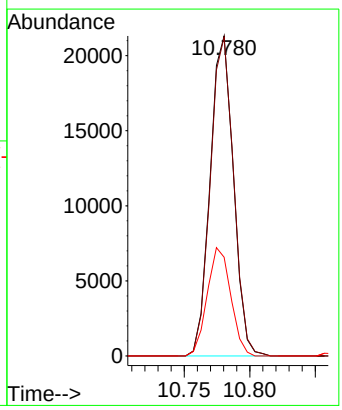


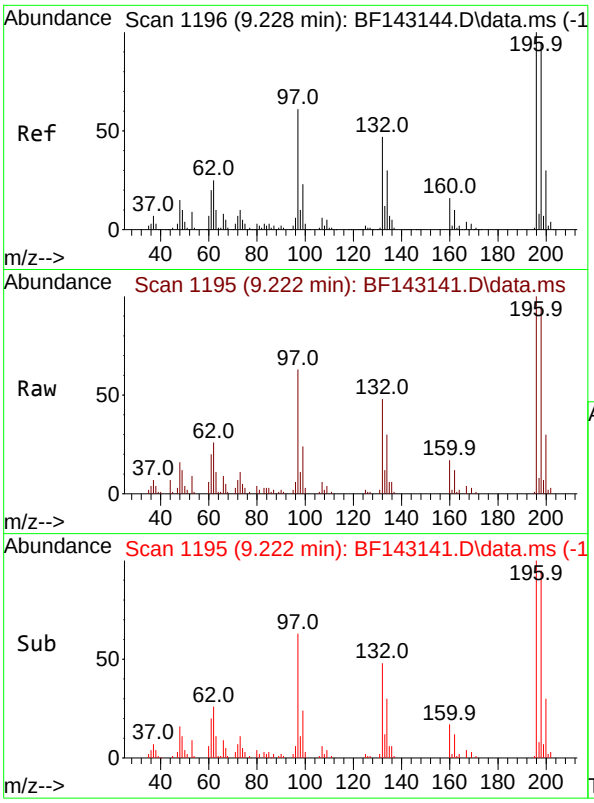




#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:330 Resp: 26288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.4 | 76.7 | 115.1 |
| 141 | 34.3 | 23.3 | 34.9 |



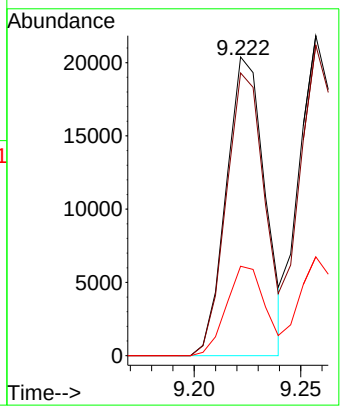


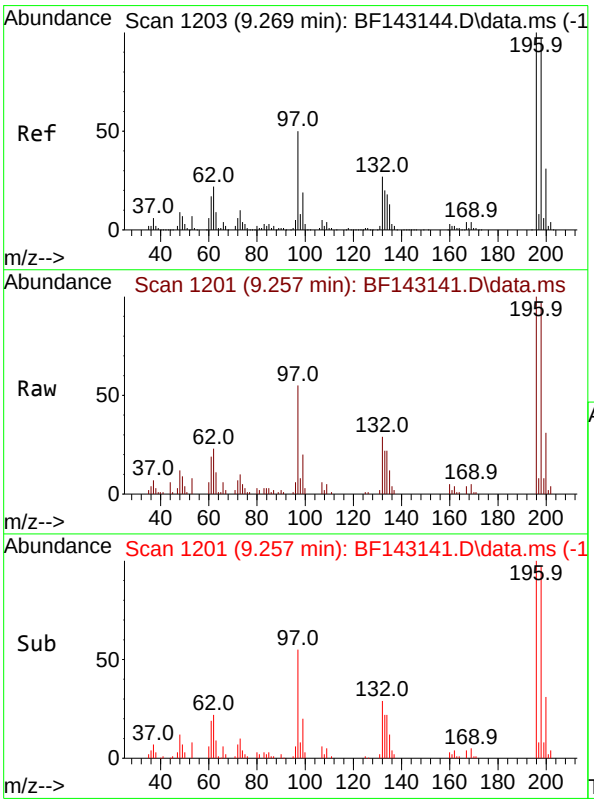

#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:196 Resp: 25730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.2 | 114.2 |
| 200 | 30.0 | 23.9 | 35.9 |

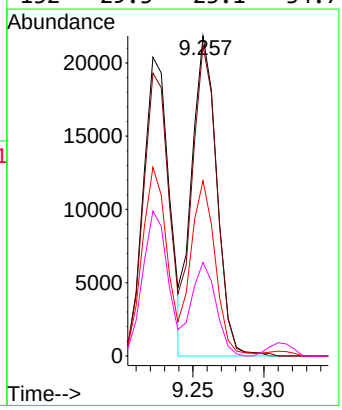


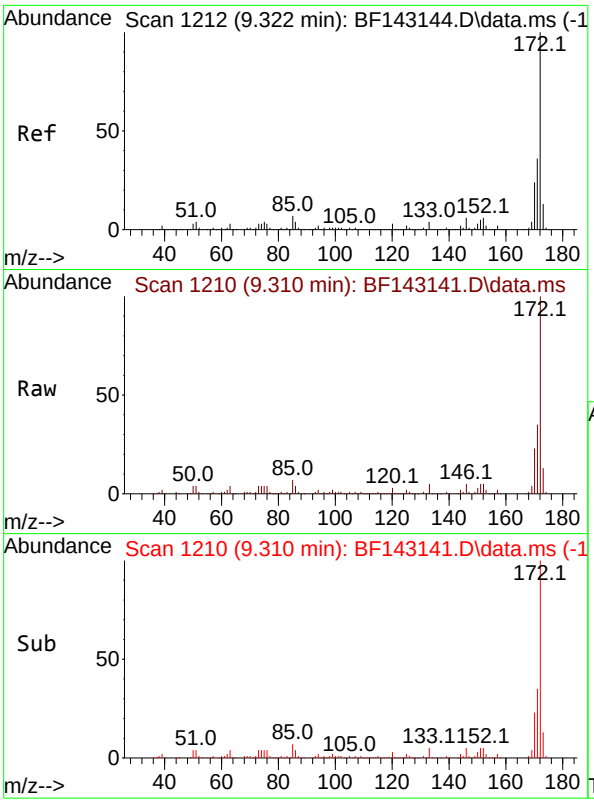




#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:196 Resp: 26626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 77.3 | 115.9 |
| 97 | 54.7 | 40.3 | 60.5 |
| 132 | 29.3 | 23.1 | 34.7 |



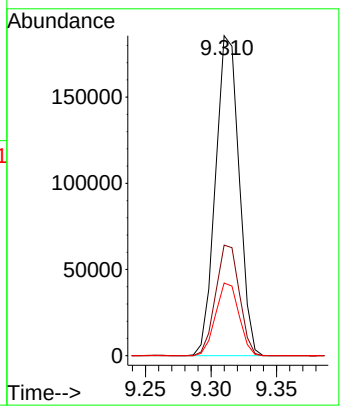


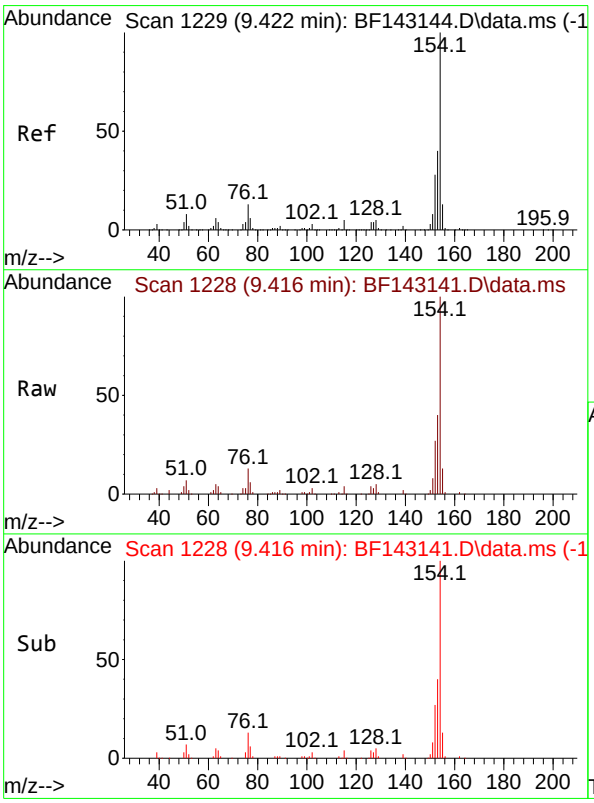

#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:172 Resp: 231962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.6 | 42.8 |
| 170 | 22.7 | 18.8 | 28.2 |

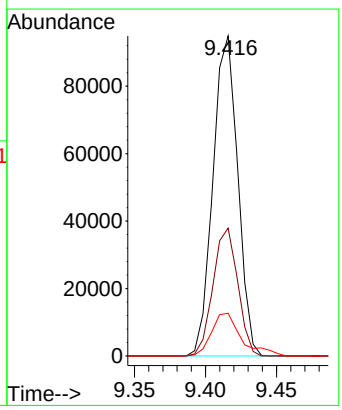


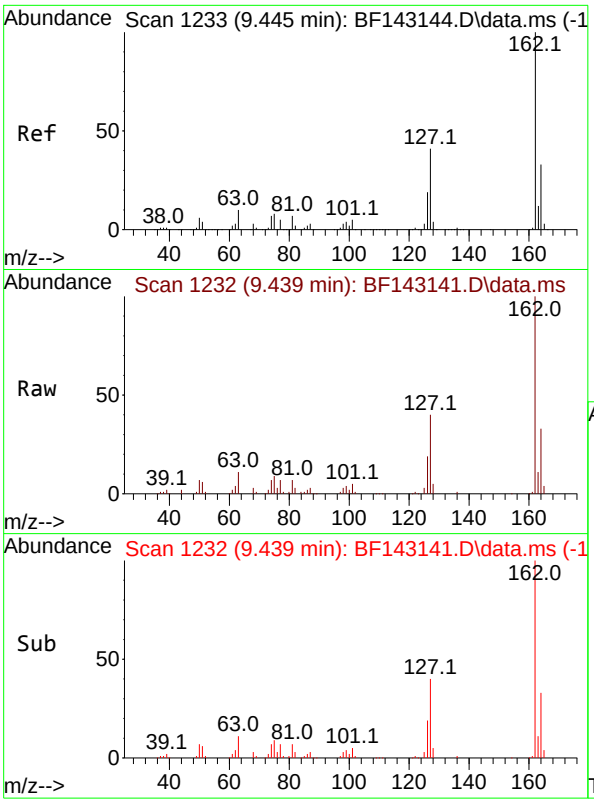




#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 115130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.0 | 20.3 | 60.3 |
| 76 | 13.4 | 0.0 | 33.3 |



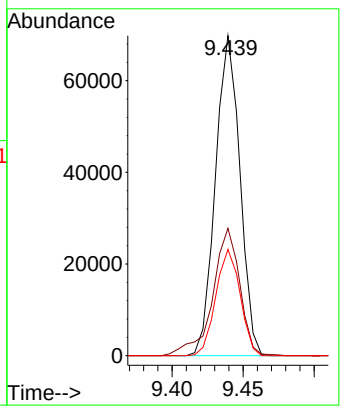


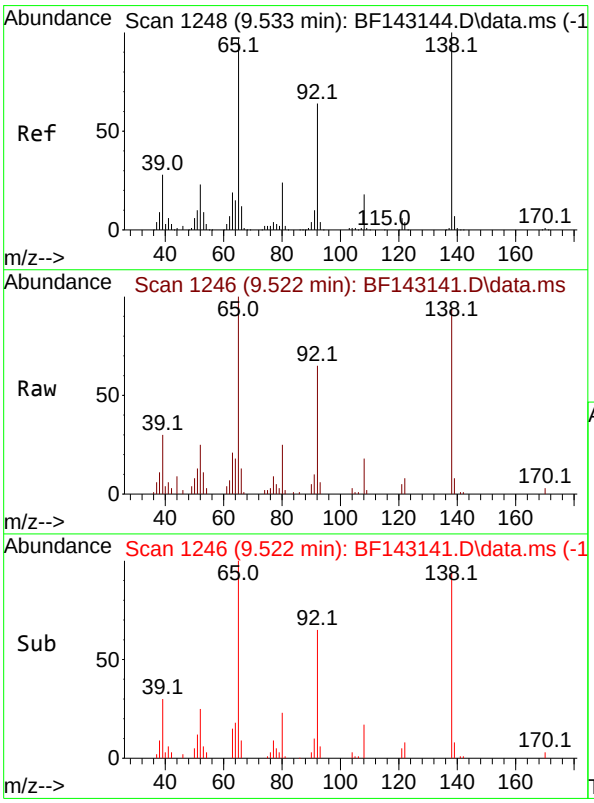

#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 83495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.8 | 33.4 | 50.2 |
| 164 | 33.2 | 26.2 | 39.2 |

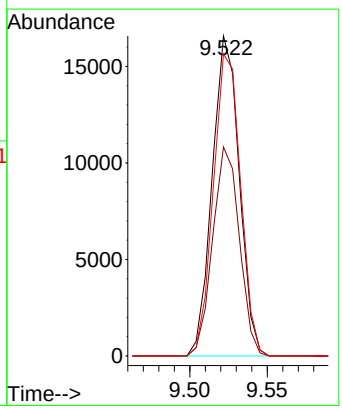


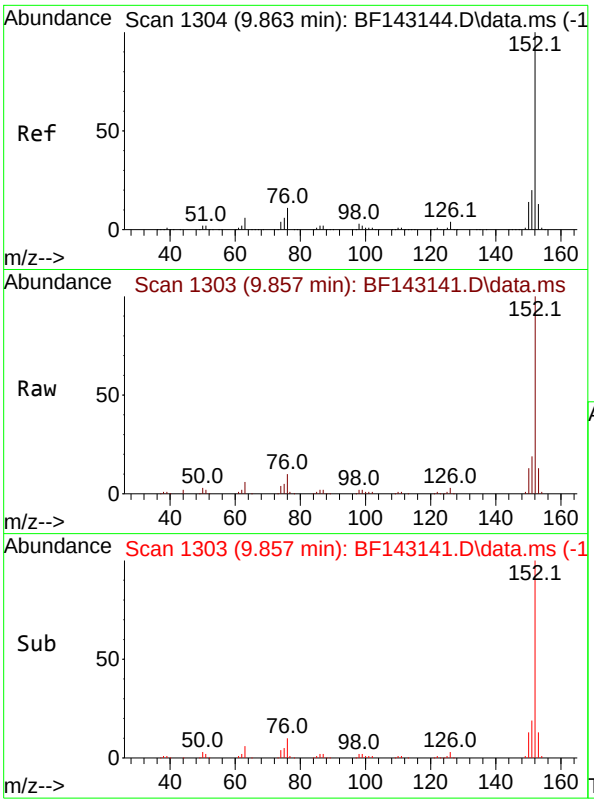




#48
2-Nitroaniline
Concen: 4.210 ng
RT: 9.522 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 65 Resp: 20076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.3 | 52.4 | 78.6 |
| 138 | 94.3 | 82.3 | 123.5 |



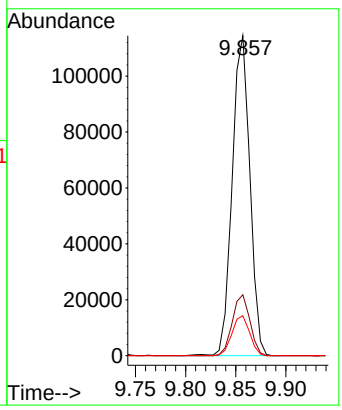


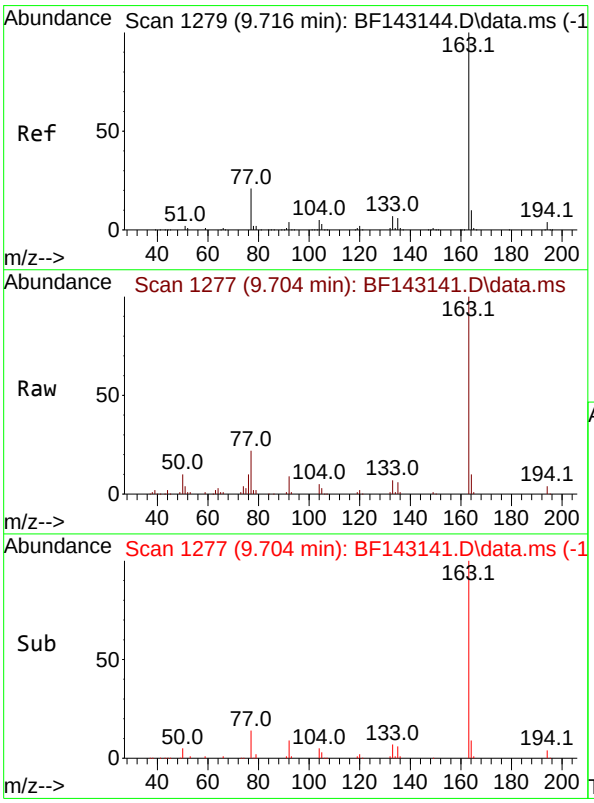

#49
Acenaphthylene
Concen: 5.514 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 140525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.2 | 24.2 |
| 153 | 12.5 | 10.6 | 16.0 |

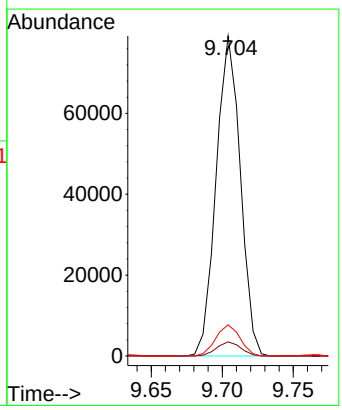


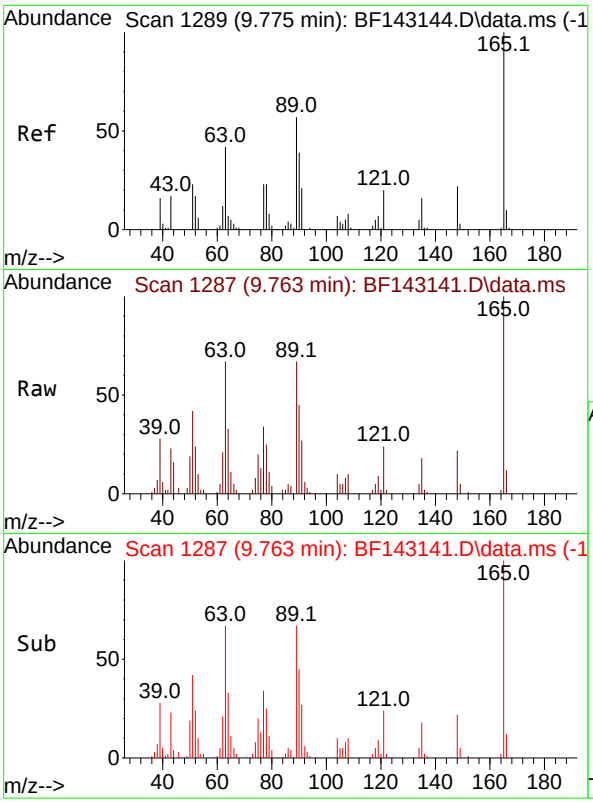




#50
Dimethylphthalate
Concen: 5.452 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:163 Resp: 93611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 9.8 | 8.3 | 12.5 |



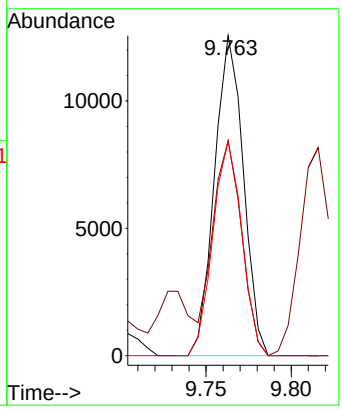


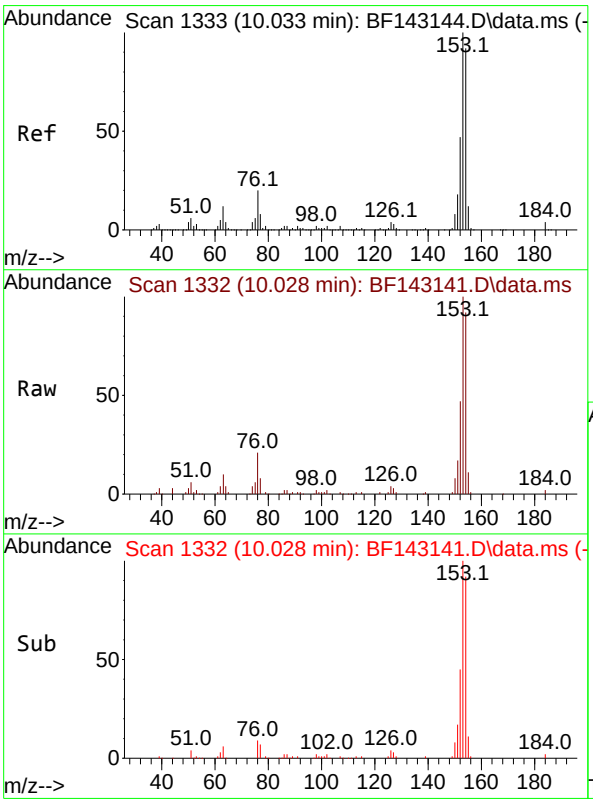

#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:165 Resp: 14787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.1 | 49.4 | 74.2 |
| 89 | 67.2 | 46.2 | 69.2 |

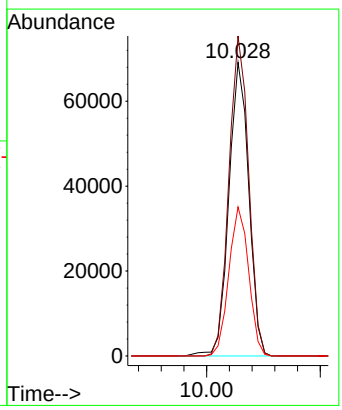


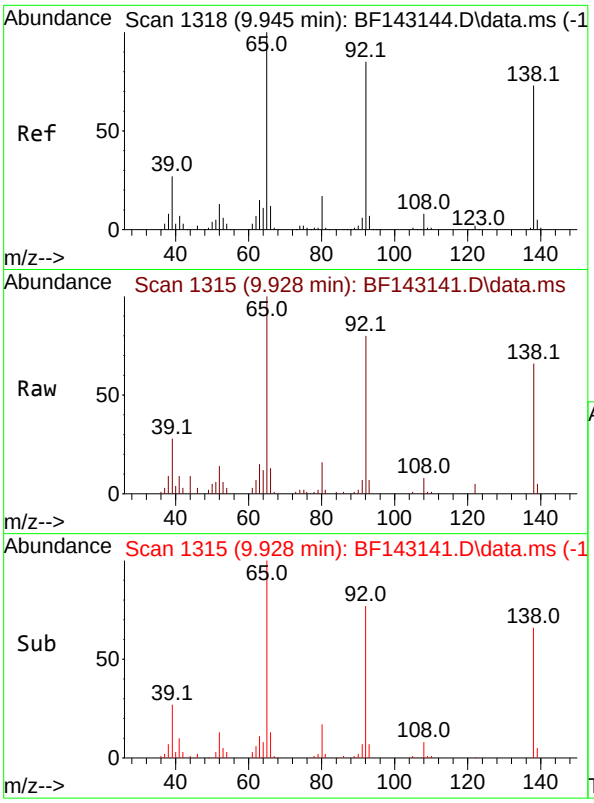




#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:154 Resp: 84160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.0 | 86.6 | 129.8 |
| 152 | 50.7 | 40.4 | 60.6 |



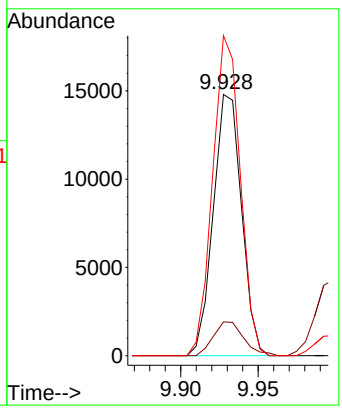


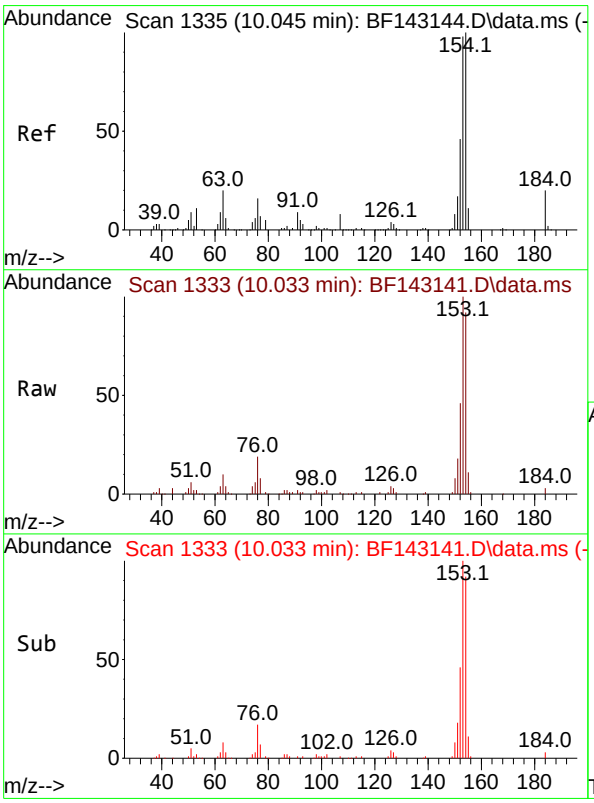

#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:138 Resp: 18738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.9 | 9.0 | 13.6 |
| 92 | 122.5 | 93.0 | 139.4 |

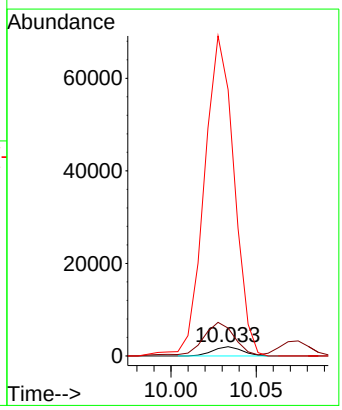


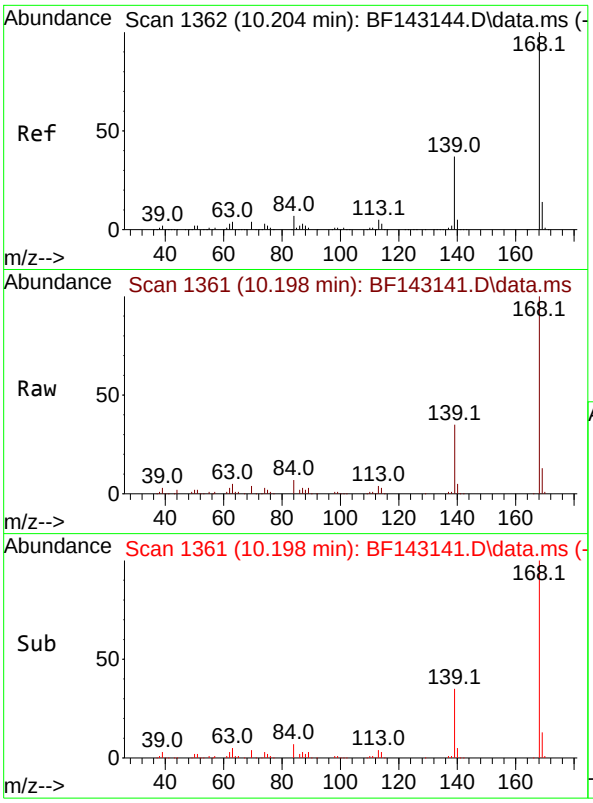




#54
2,4-Dinitrophenol
Concen: 8.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:184 Resp: 2389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 298.3 | 81.8 | 122.6# |
| 154 | 2856.8 | 412.2 | 618.4# |



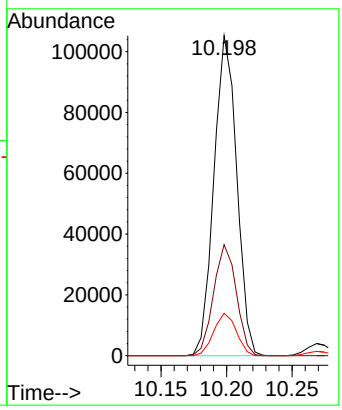


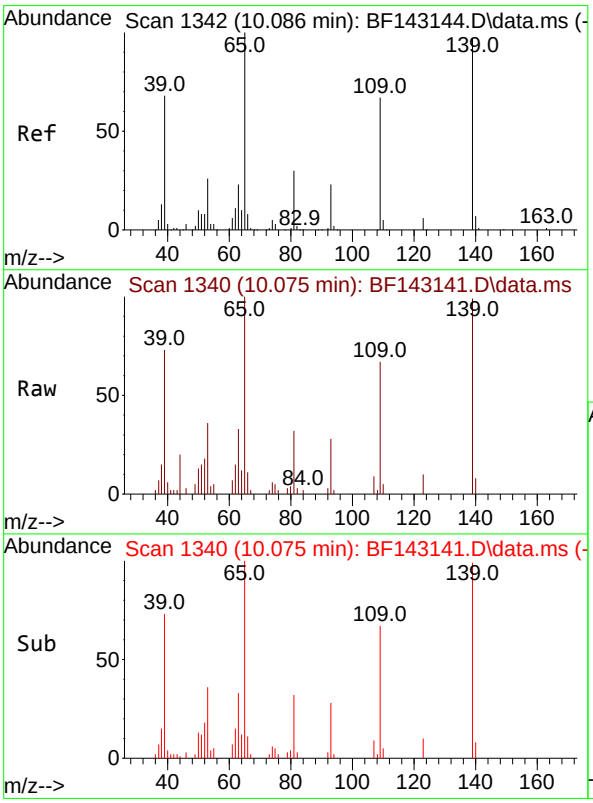

#55
Dibenzofuran
Concen: 5.681 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:168 Resp: 127035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.7 | 29.5 | 44.3 |
| 169 | 13.3 | 10.9 | 16.3 |

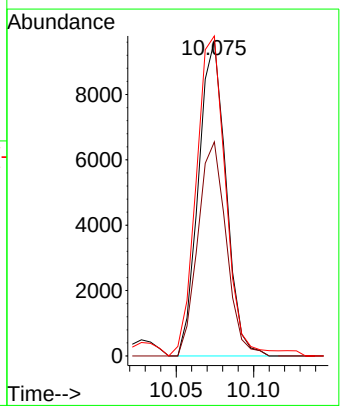


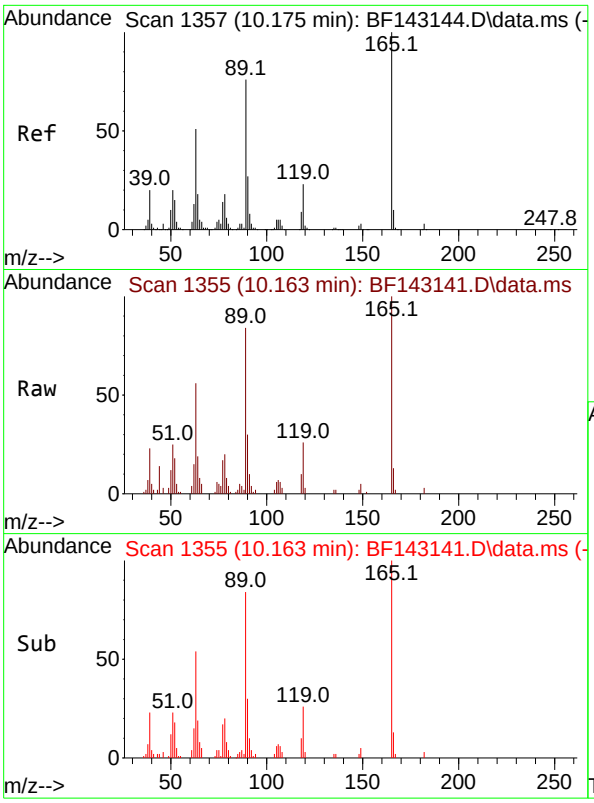




#56
4-Nitrophenol
Concen: 3.899 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 11894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.9 | 48.5 | 88.5 |
| 65 | 101.5 | 83.4 | 123.4 |



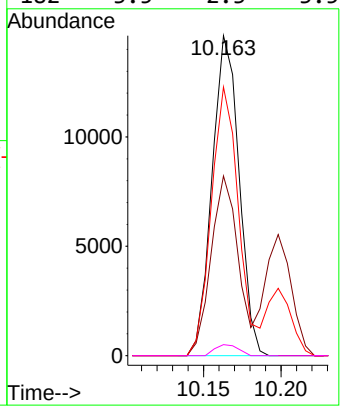


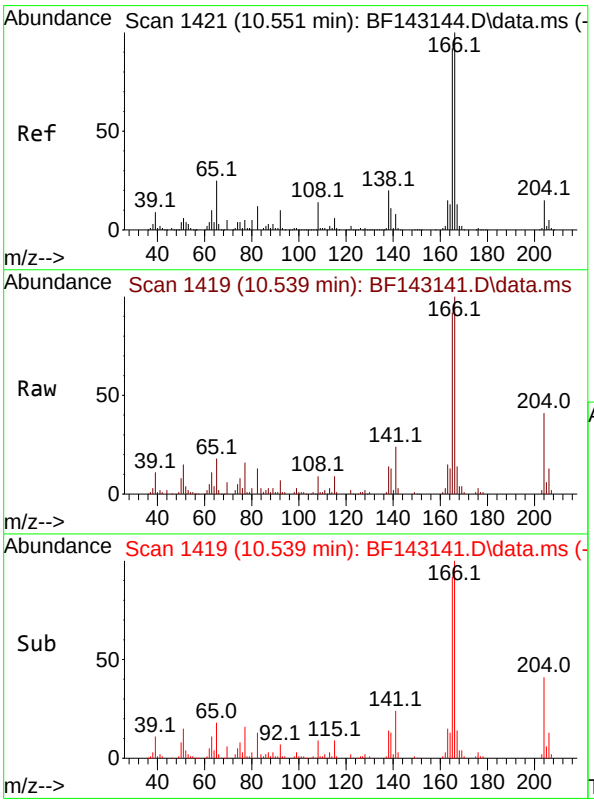

#57
2,4-Dinitrotoluene
Concen: 4.041 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:165 Resp: 17709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.1 | 41.0 | 61.4 |
| 89 | 83.9 | 61.1 | 91.7 |
| 182 | 3.5 | 2.3 | 3.5 |

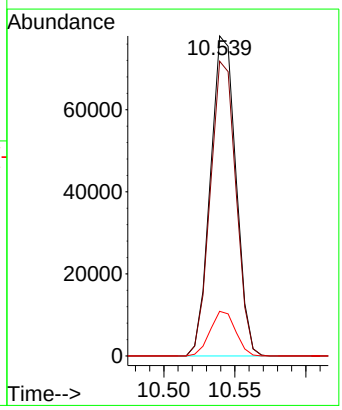


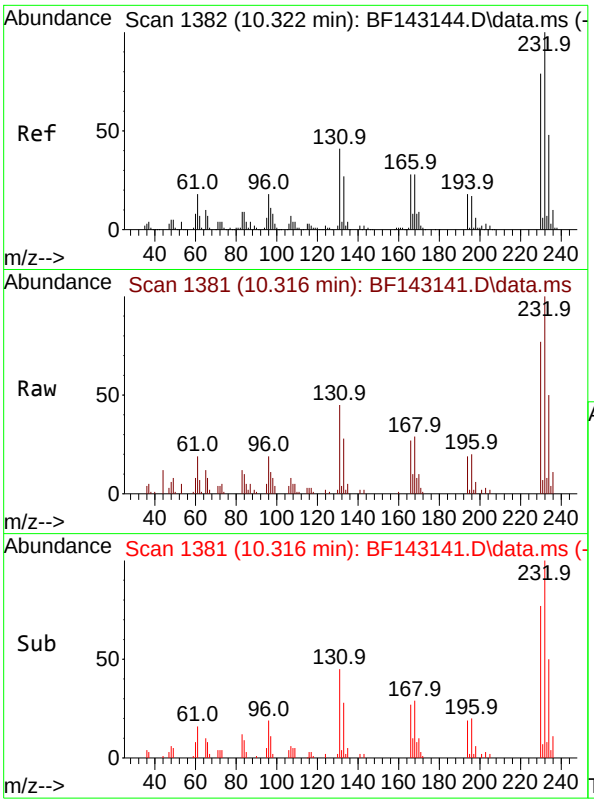




#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:166 Resp: 97477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 14.0 | 10.6 | 16.0 |



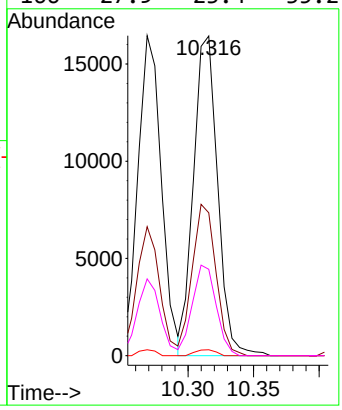


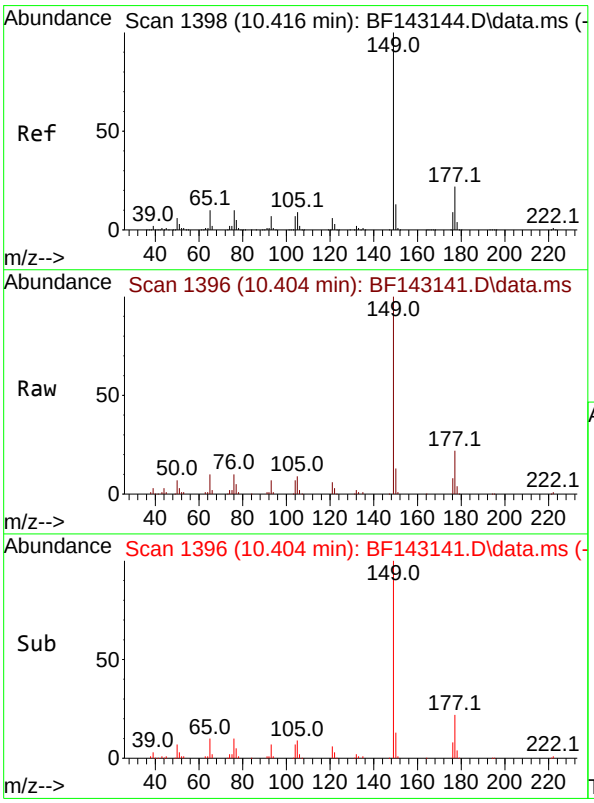

#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:232 Resp: 21108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 46.6 | 35.3 | 52.9 |
| 130 | 1.6 | 1.7 | 2.5# |
| 166 | 27.9 | 23.4 | 35.2 |

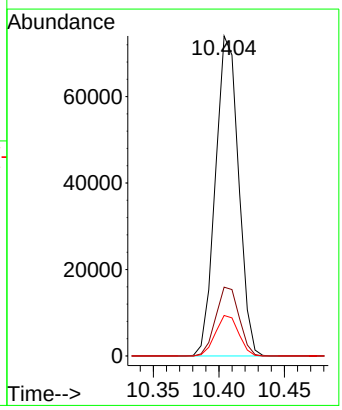


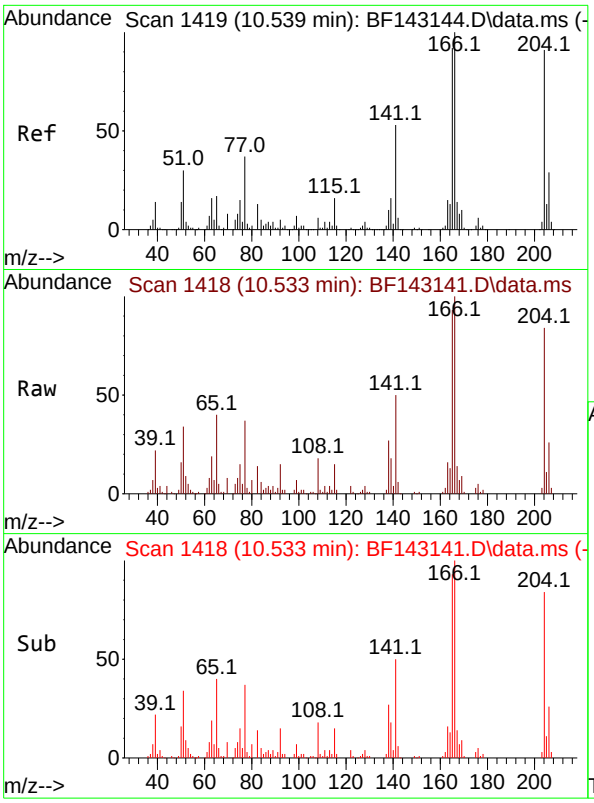




#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 90651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |



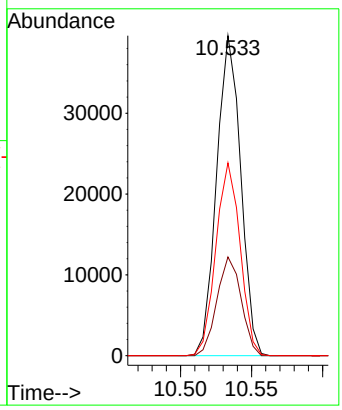


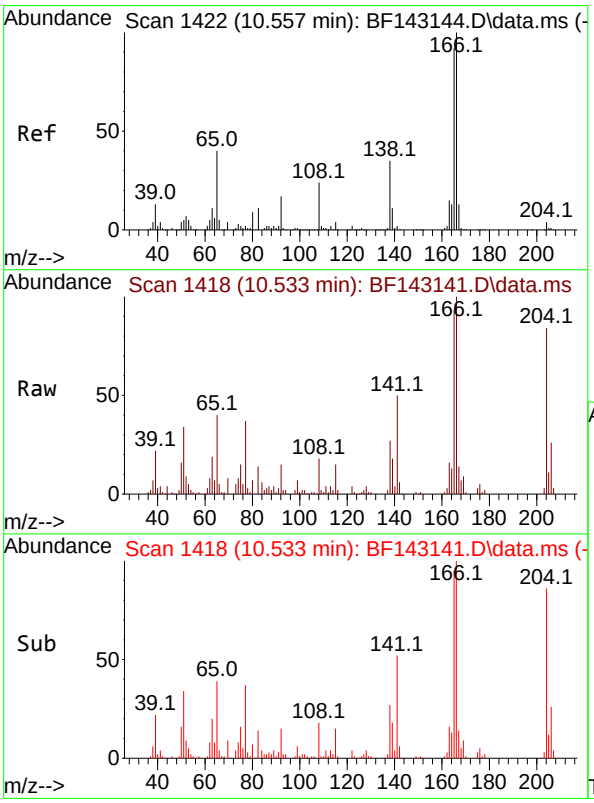

#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:204 Resp: 46747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 30.8 | 25.8 | 38.8 |
| 141 | 60.2 | 47.0 | 70.4 |

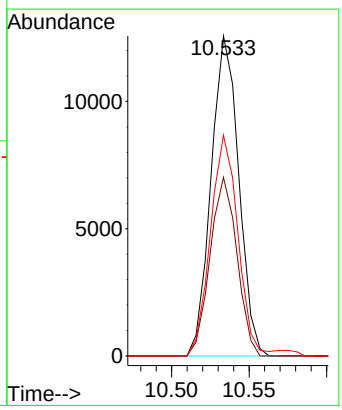


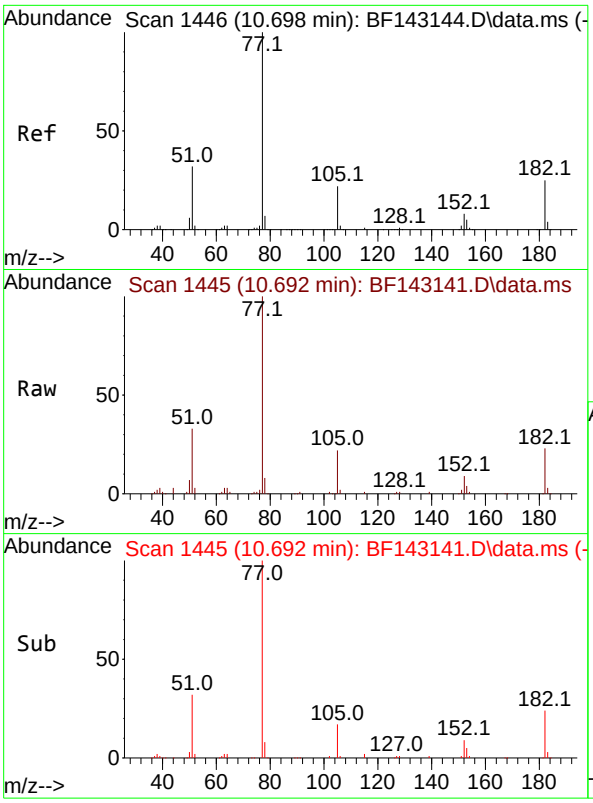




#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 15568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.8 | 29.3 | 69.3 |
| 108 | 68.9 | 48.3 | 88.3 |



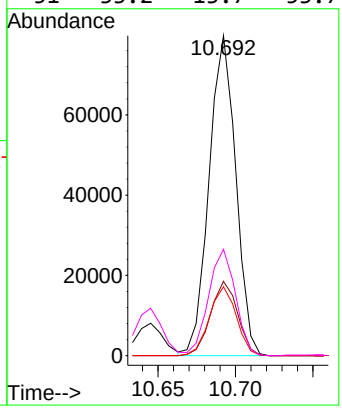


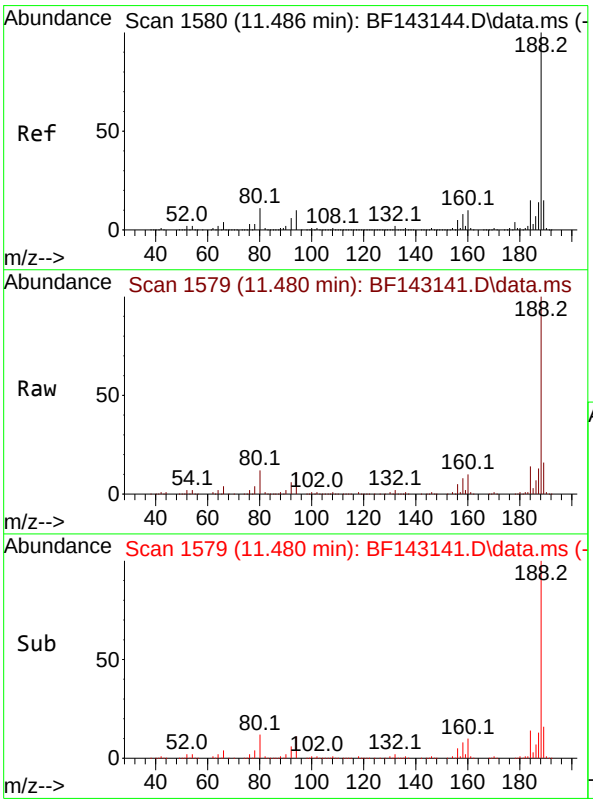

#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion: 77 Resp: 95602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.2 | 4.6 | 44.6 |
| 105 | 21.5 | 1.4 | 41.4 |
| 51 | 33.2 | 13.7 | 53.7 |

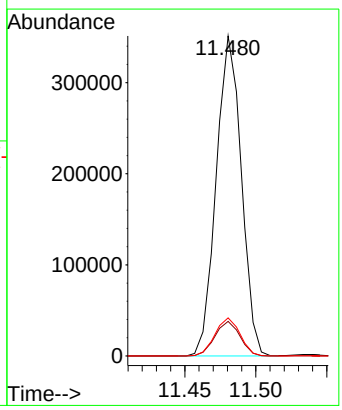


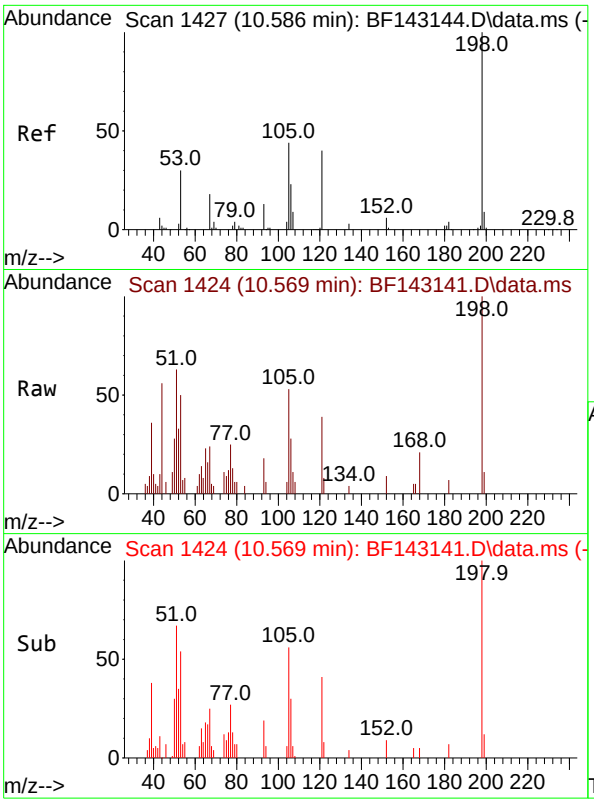




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:188 Resp: 432329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.3 | 12.5 |
| 80 | 11.9 | 9.0 | 13.6 |



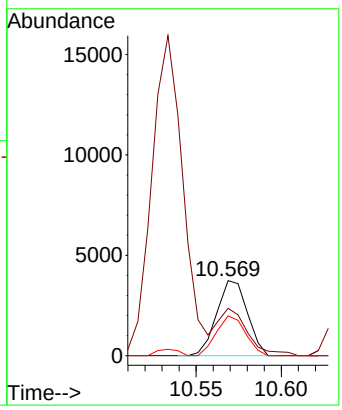


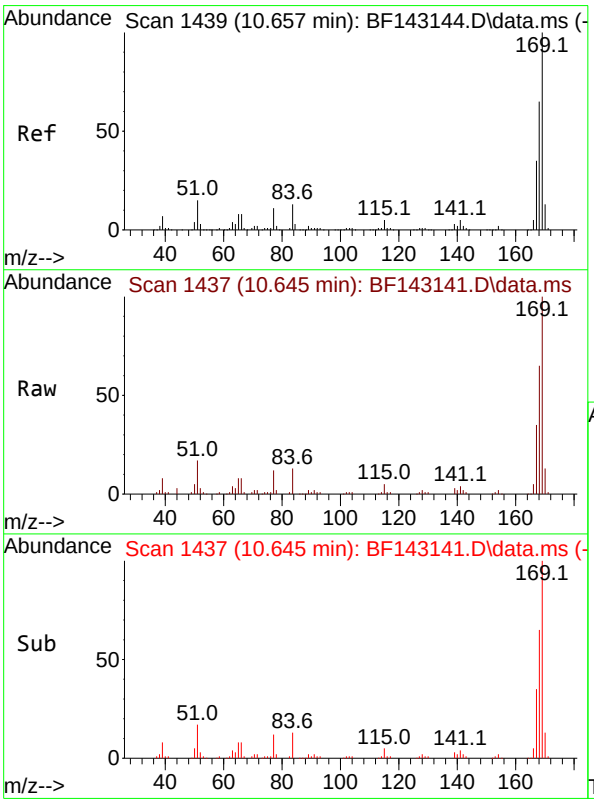

#65
4,6-Dinitro-2-methylphenol
Concen: 7.249 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:198 Resp: 4692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 63.1 | 37.2 | 77.2 |
| 105 | 53.0 | 24.8 | 64.8 |

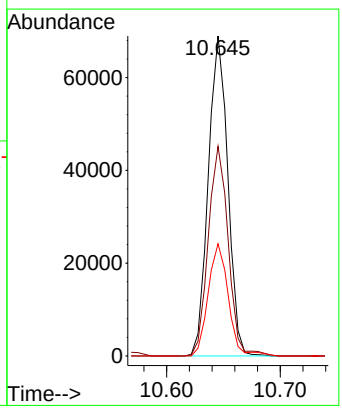


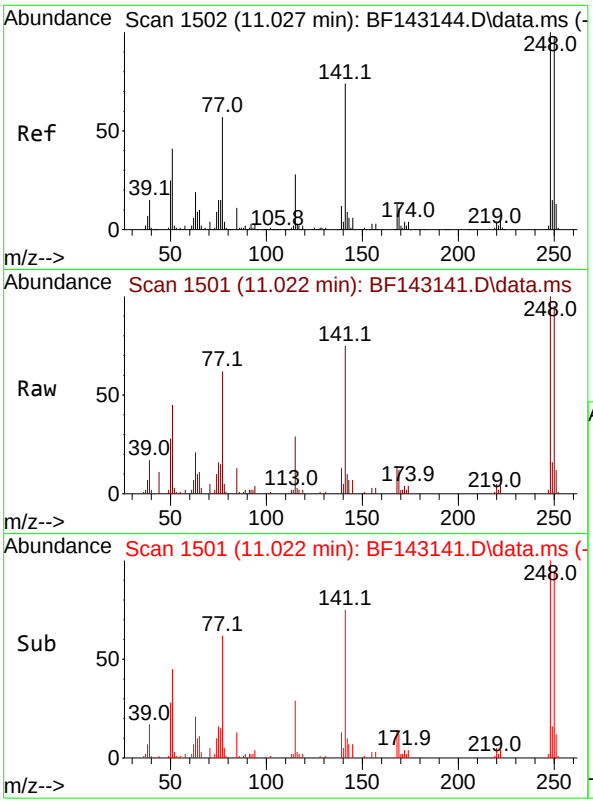




#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:169 Resp: 82281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 52.1 | 78.1 |
| 167 | 35.1 | 28.2 | 42.2 |



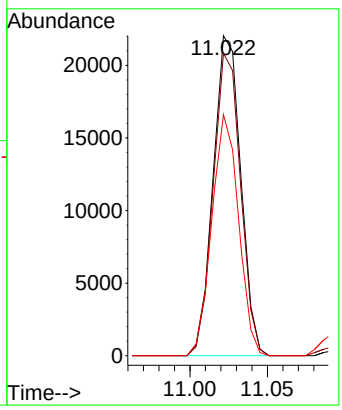


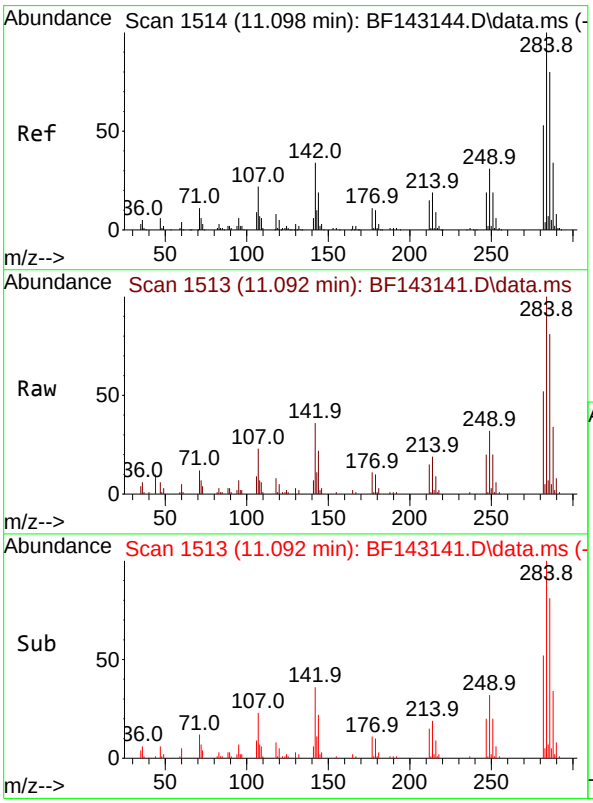

#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:248 Resp: 27259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.5 | 78.3 | 117.5 |
| 141 | 75.4 | 59.2 | 88.8 |

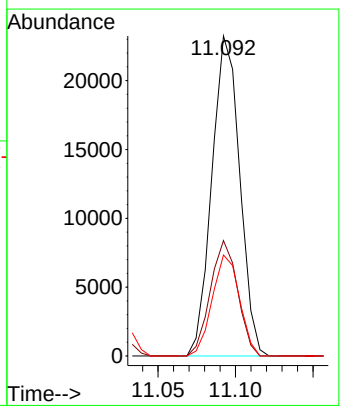


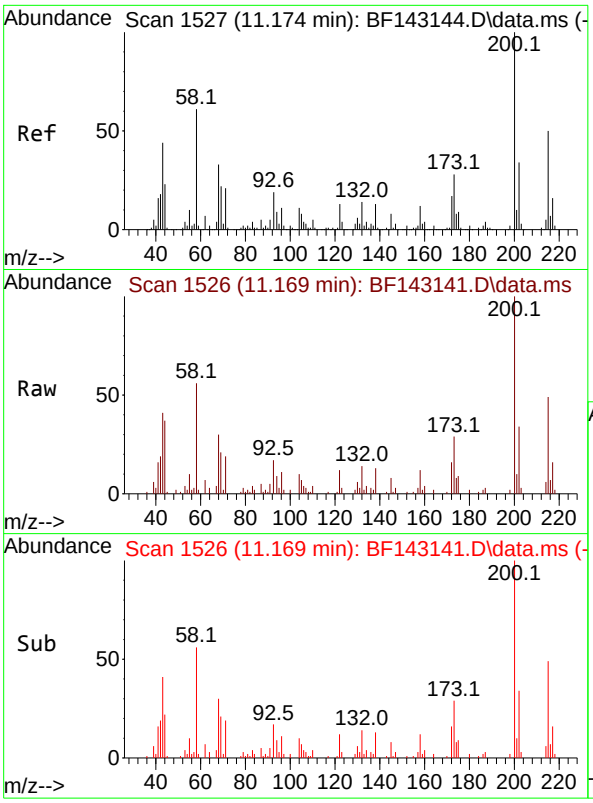




#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:284 Resp: 29052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.1 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |



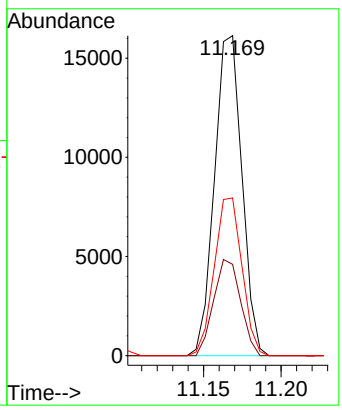


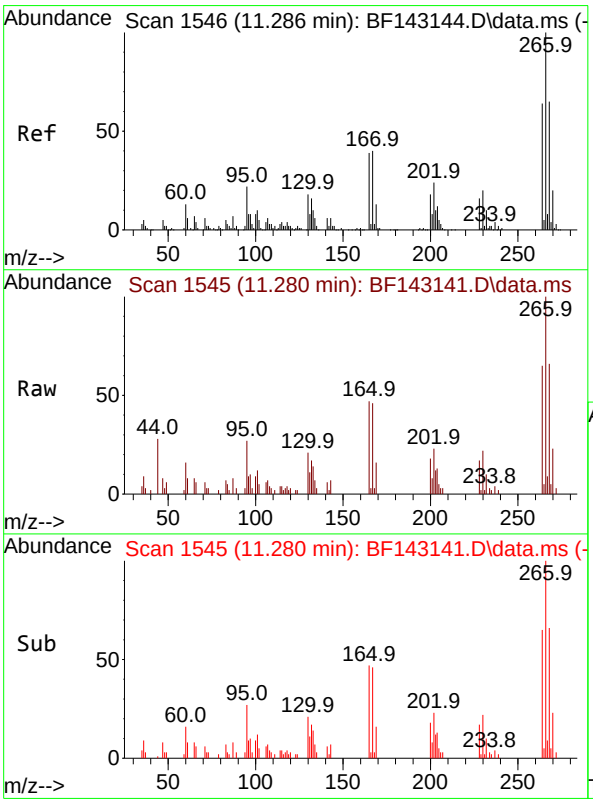

#69
Atrazine
Concen: 4.733 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:200 Resp: 19865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 7.9 | 47.9 |
| 215 | 49.3 | 30.1 | 70.1 |

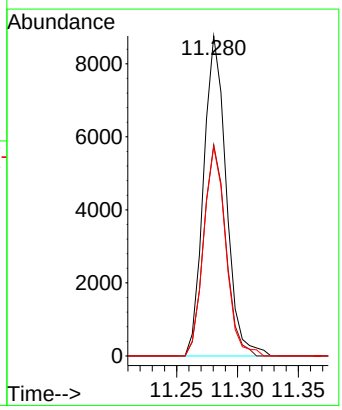


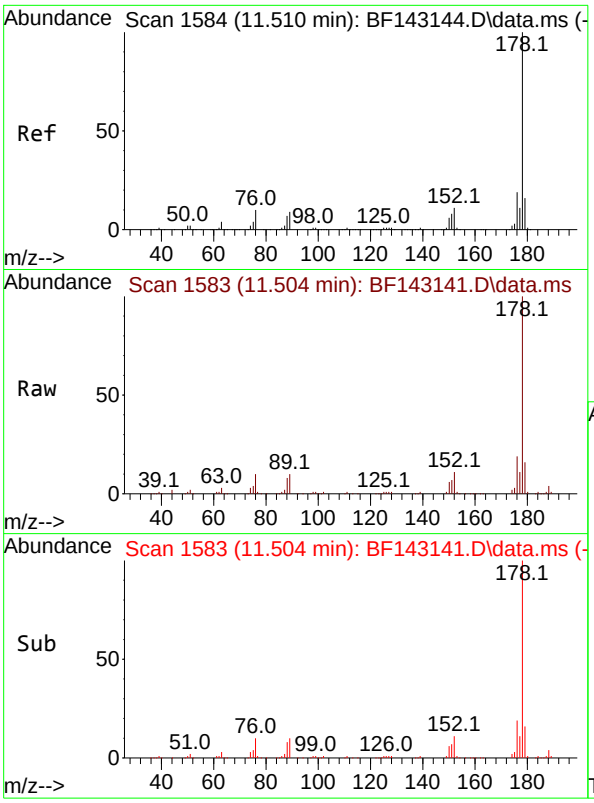




#70
Pentachlorophenol
Concen: 3.566 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:266 Resp: 11294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.0 | 51.9 | 77.9 |
| 264 | 65.4 | 51.0 | 76.6 |



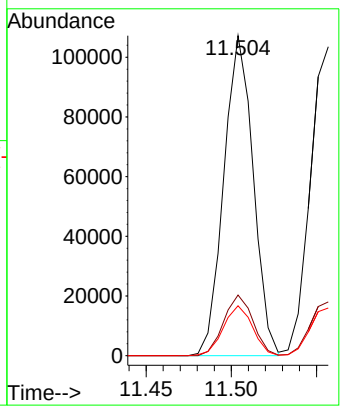


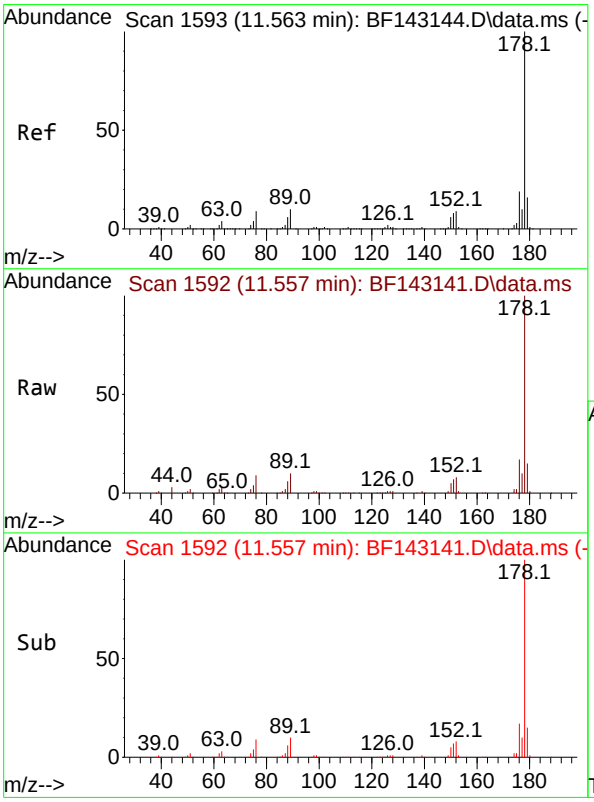

#71
Phenanthrene
Concen: 5.609 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:178 Resp: 128762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.6 | 12.5 | 18.7 |

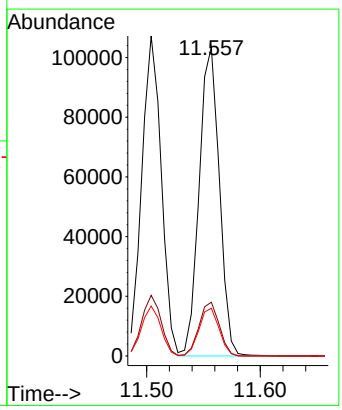


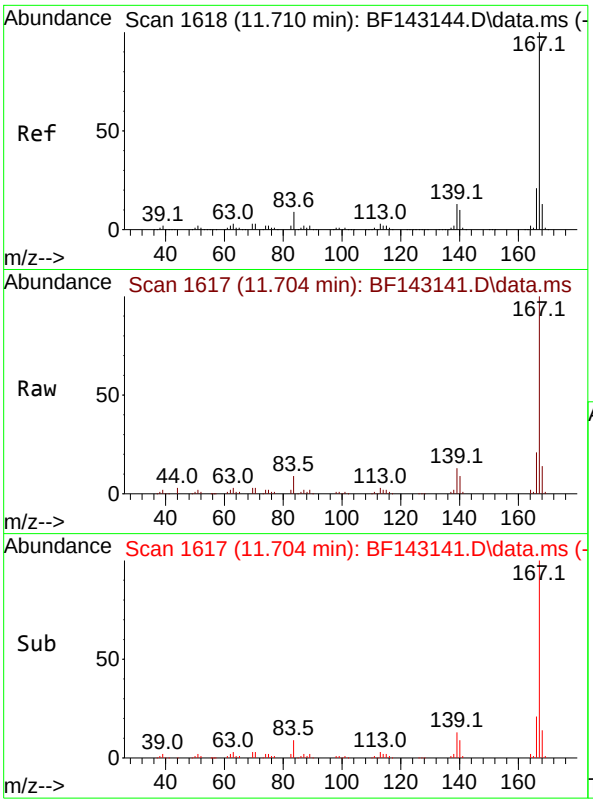




#72
Anthracene
Concen: 5.465 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:178 Resp: 127938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.4 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |



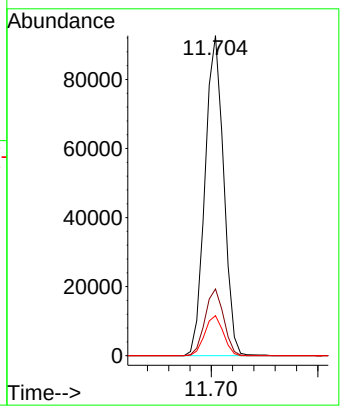


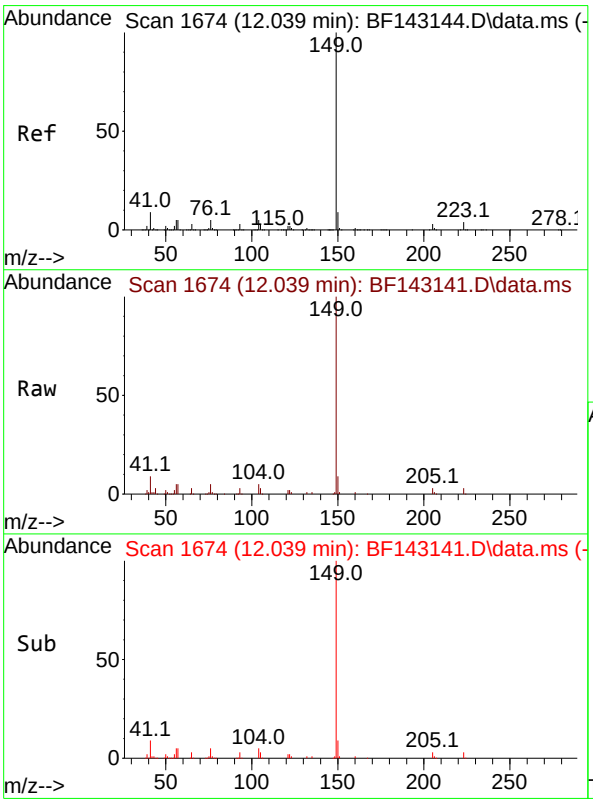

#73
Carbazole
Concen: 5.507 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:167 Resp: 112588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |

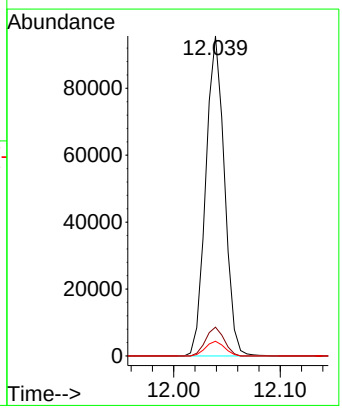


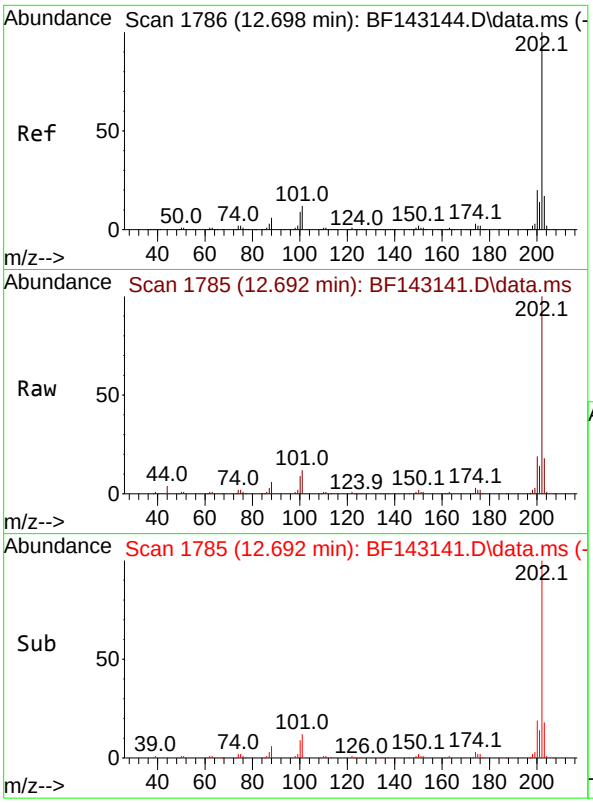




#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 116291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.2 |
| 104 | 4.6 | 3.8 | 5.8 |



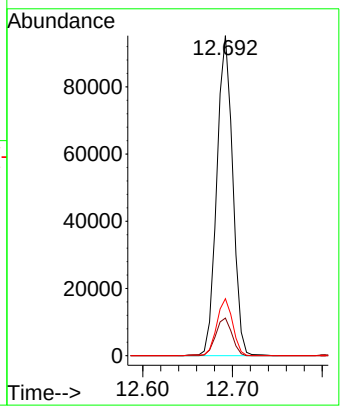


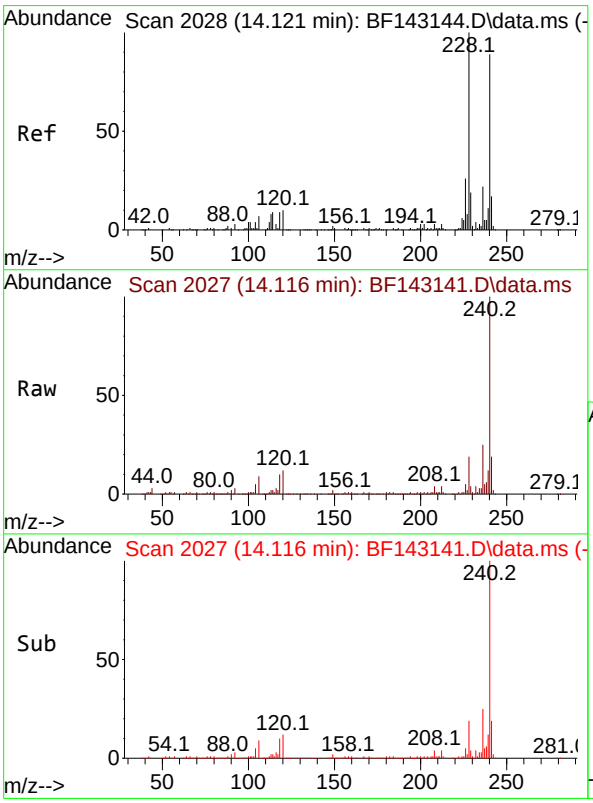

#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:202 Resp: 117249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

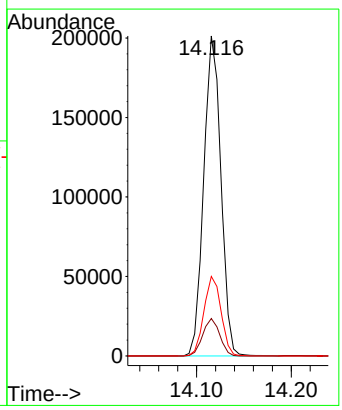


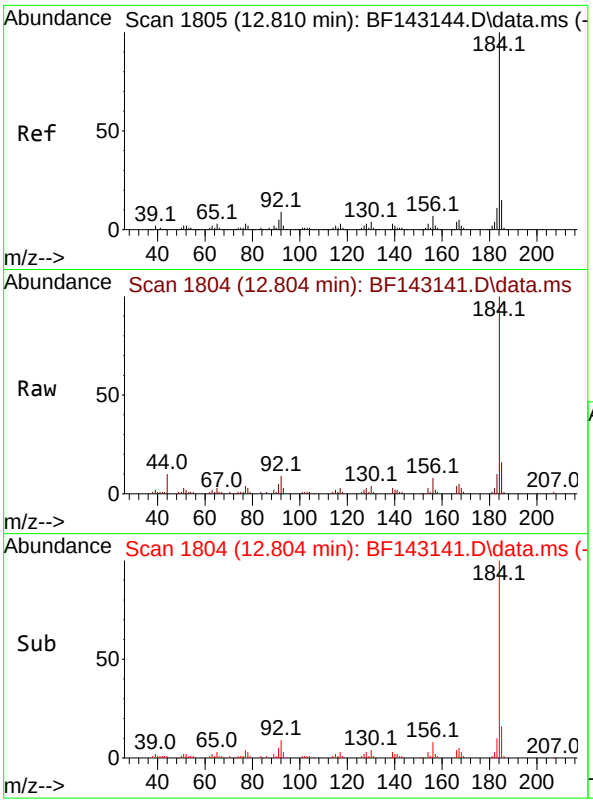




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:240 Resp: 253004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.4 | 14.2 |
| 236 | 24.9 | 20.2 | 30.4 |



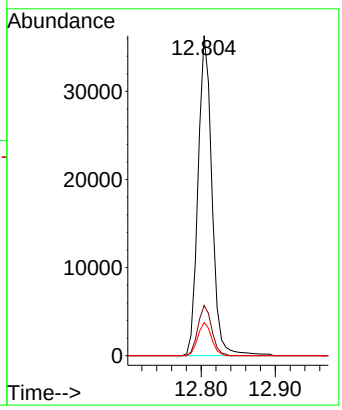


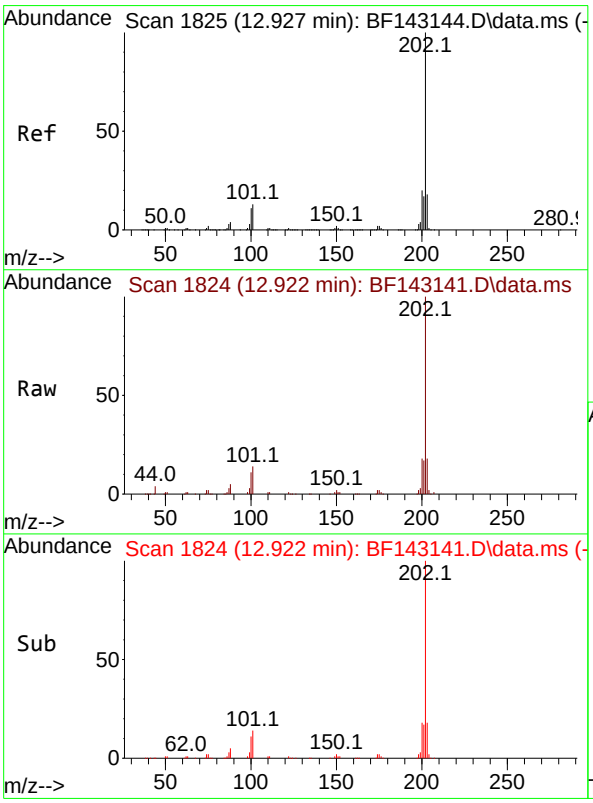

#77
Benzidine
Concen: 4.846 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:184 Resp: 47236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 12.2 | 18.4 |
| 183 | 10.4 | 9.0 | 13.4 |

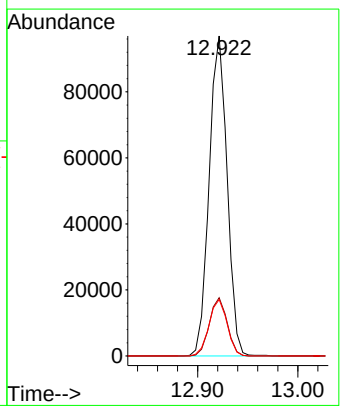


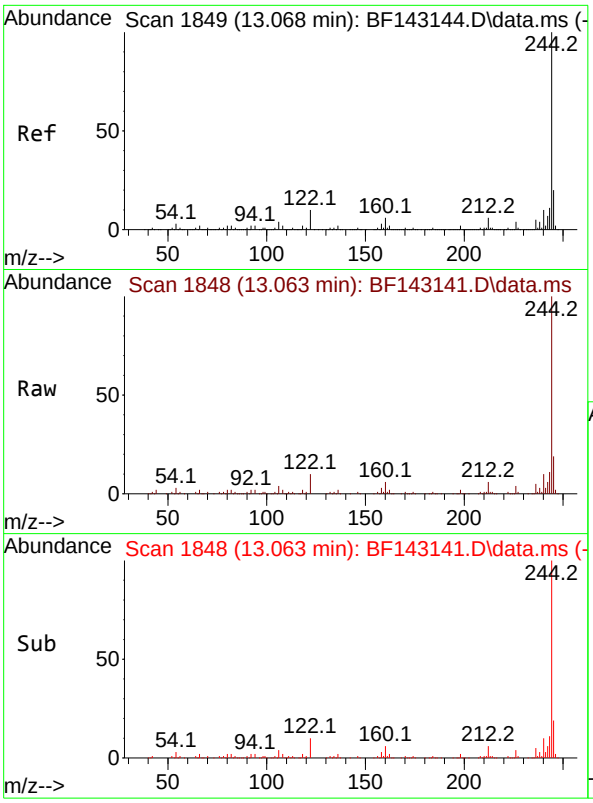




#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.2 | 15.7 | 23.5 |
| 203 | 17.6 | 14.2 | 21.2 |



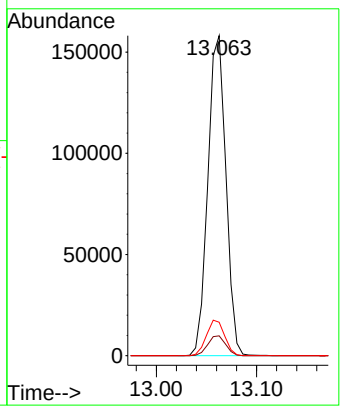


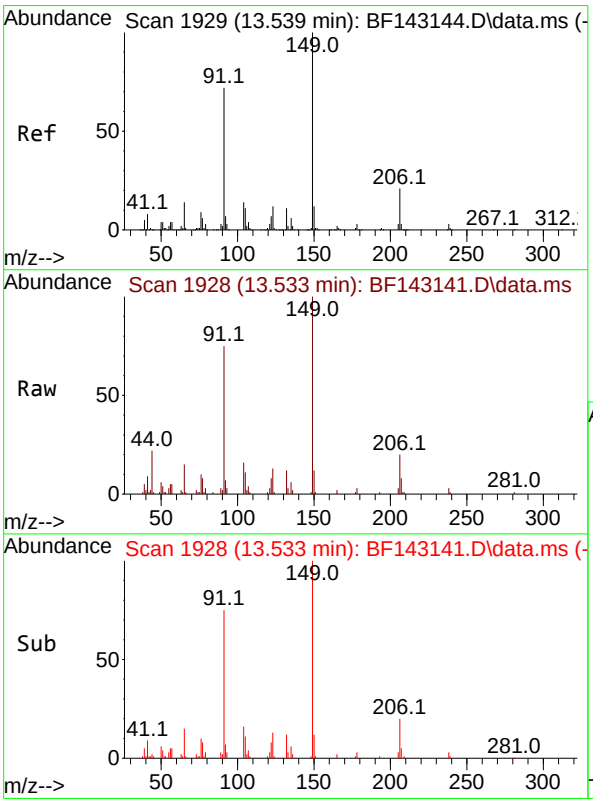

#79
Terphenyl-d14
Concen: 11.656 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:244 Resp: 198167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.2 | 7.8 |
| 122 | 10.5 | 8.2 | 12.2 |

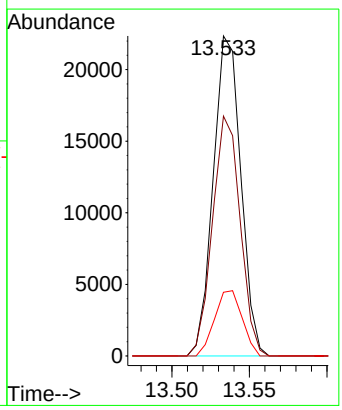


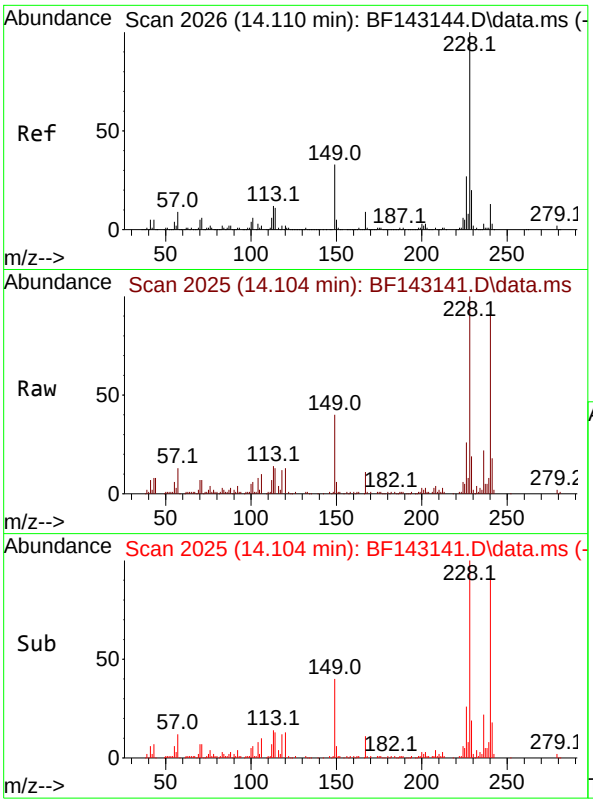




#80
Butylbenzylphthalate
Concen: 4.189 ng
RT: 13.533 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 27699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.9 | 57.9 | 86.9 |
| 206 | 19.9 | 17.0 | 25.4 |



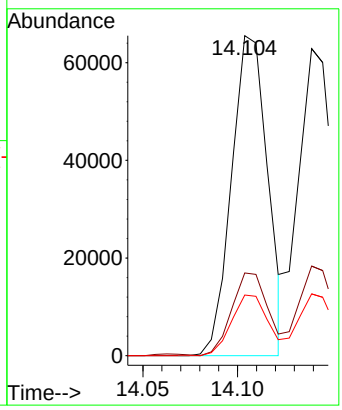


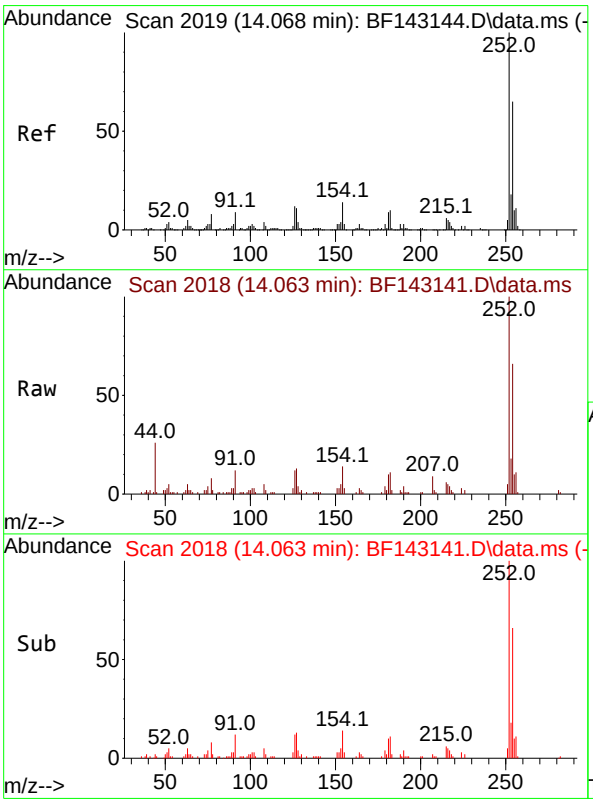

#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 86920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.8 | 21.7 | 32.5 |
| 229 | 19.0 | 15.8 | 23.6 |

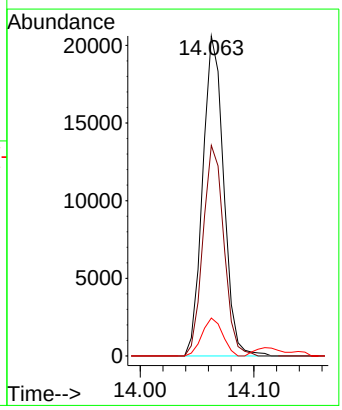


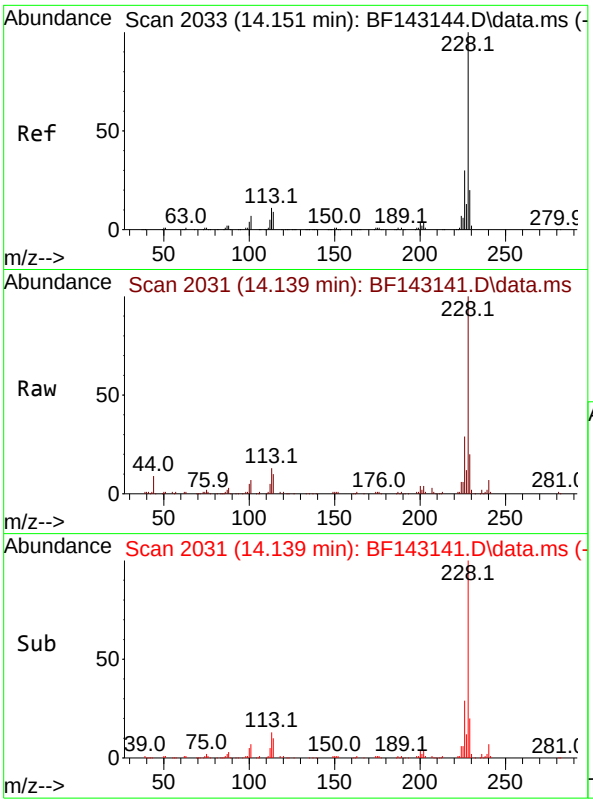




#82
3,3'-Dichlorobenzidine
Concen: 4.675 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 26392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.8 | 51.7 | 77.5 |
| 126 | 11.9 | 9.4 | 14.0 |



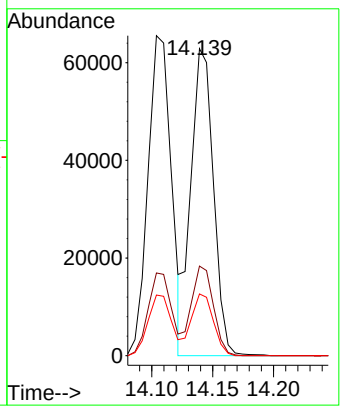


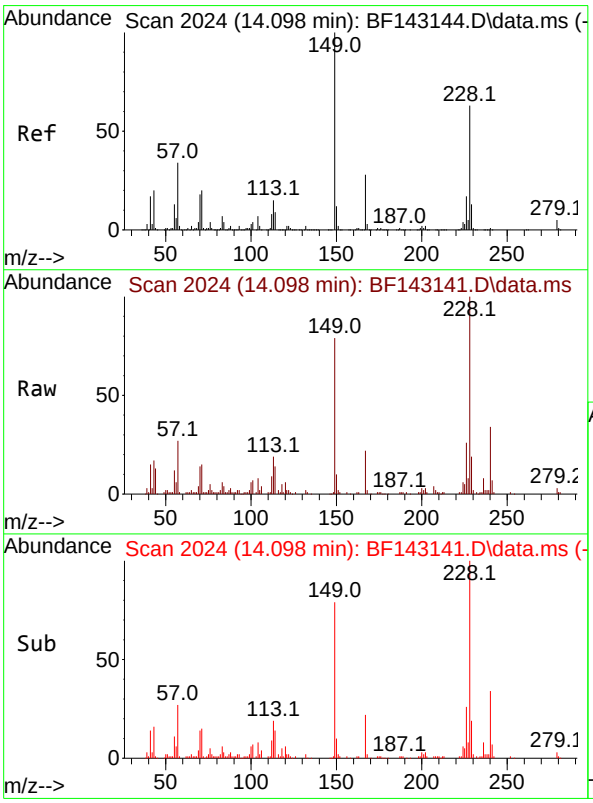

#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 81091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.8 | 35.8 |
| 229 | 20.1 | 15.6 | 23.4 |

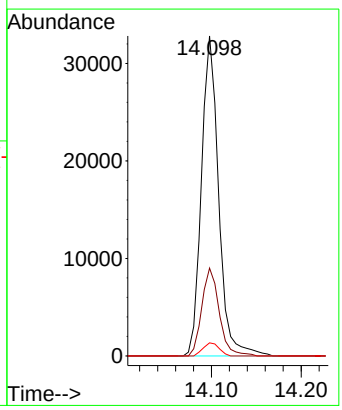


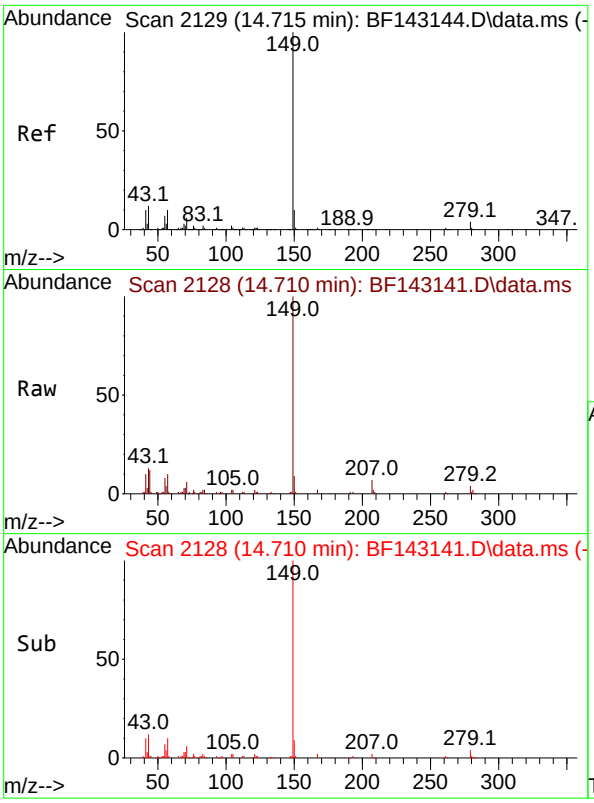




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:149 Resp: 43732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.5 | 22.3 | 33.5 |
| 279 | 4.1 | 3.6 | 5.4 |



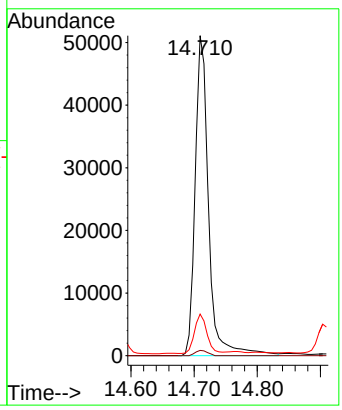


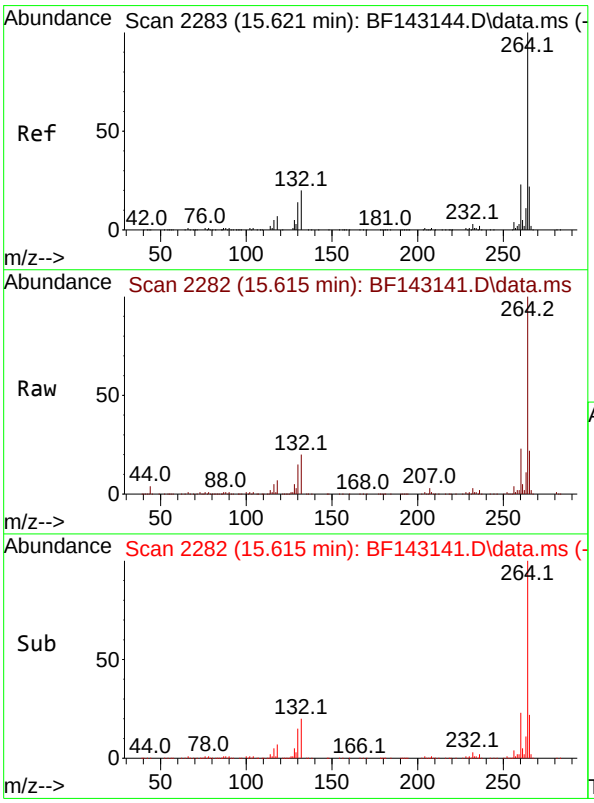

#85
Di-n-octyl phthalate
Concen: 4.147 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 75225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.3 | 9.7 | 14.5 |

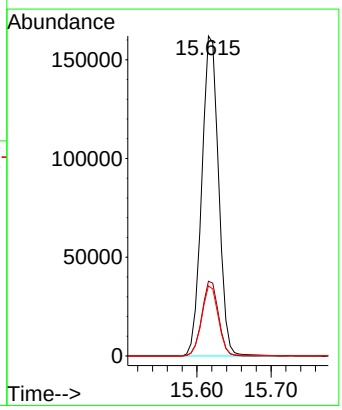


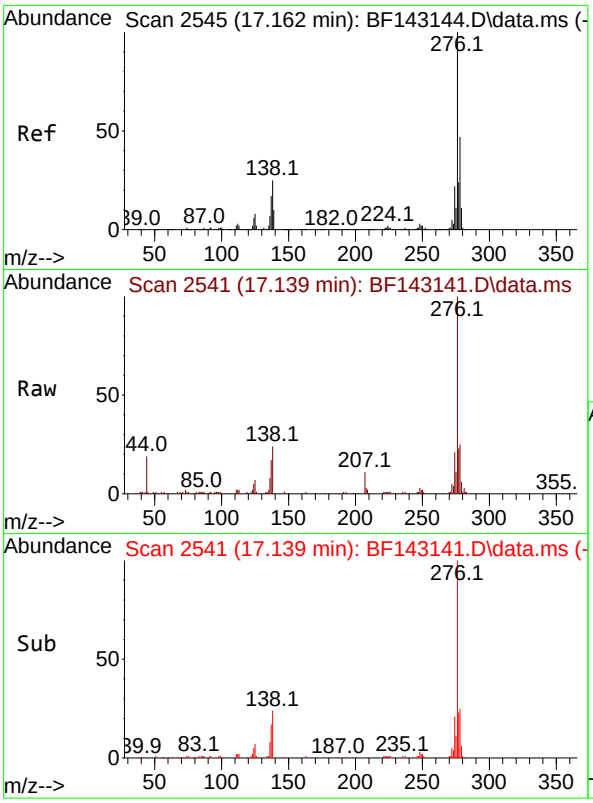




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.5 | 27.7 |
| 265 | 21.9 | 17.4 | 26.2 |



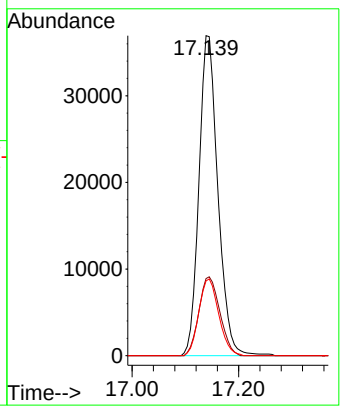


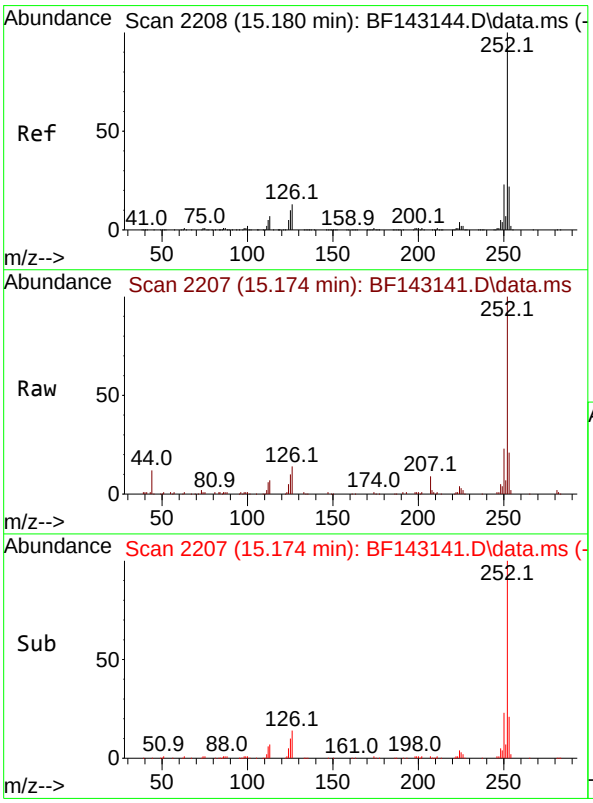

#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:276 Resp: 91076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 21.8 | 32.6 |
| 277 | 25.2 | 20.0 | 30.0 |

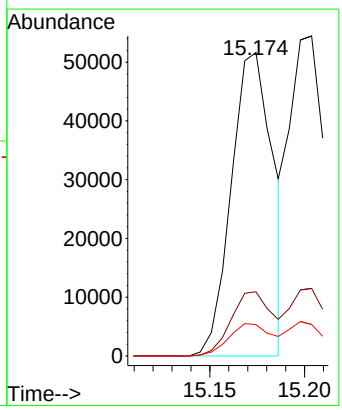


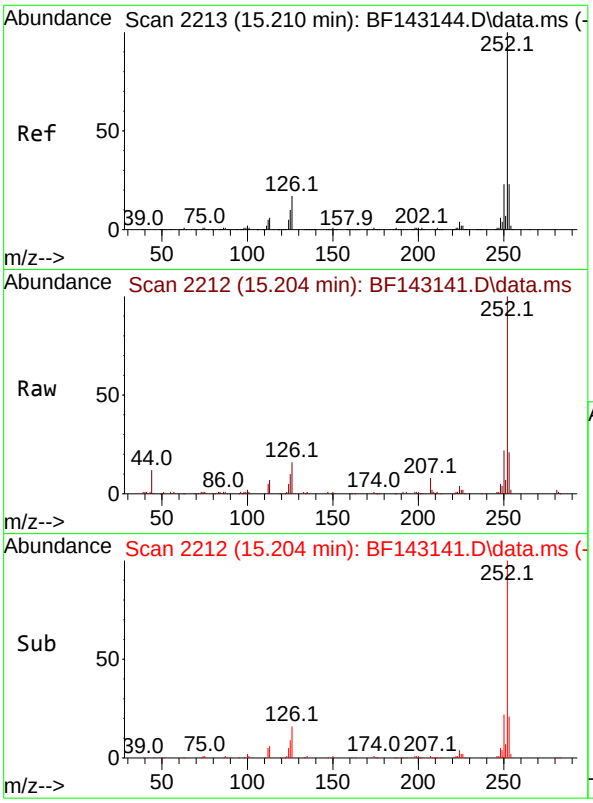




#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |



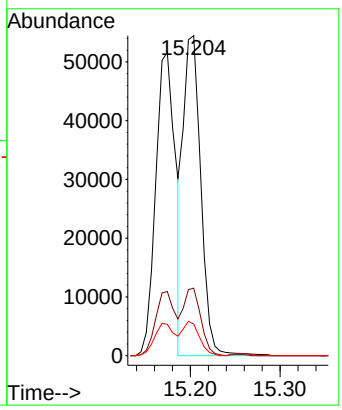


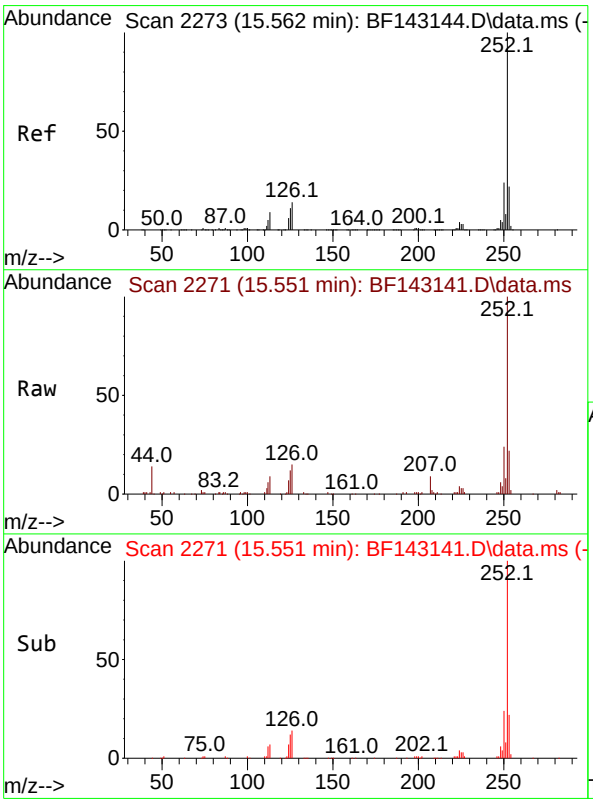

#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:252 Resp: 74738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.8 | 26.6 |
| 125 | 9.9 | 8.1 | 12.1 |

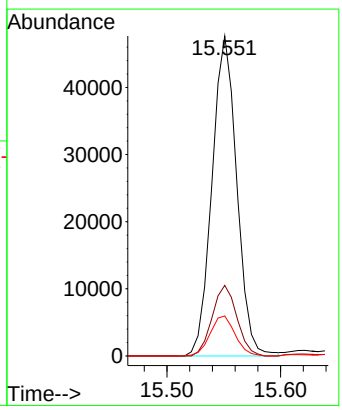


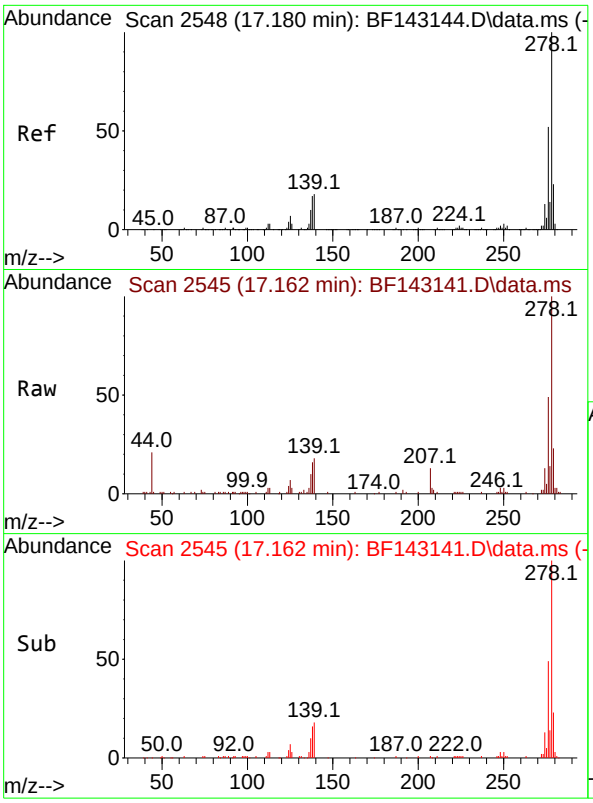




#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 72196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.3 | 25.9 |
| 125 | 12.5 | 8.6 | 13.0 |



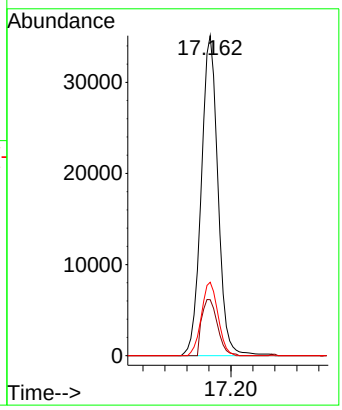


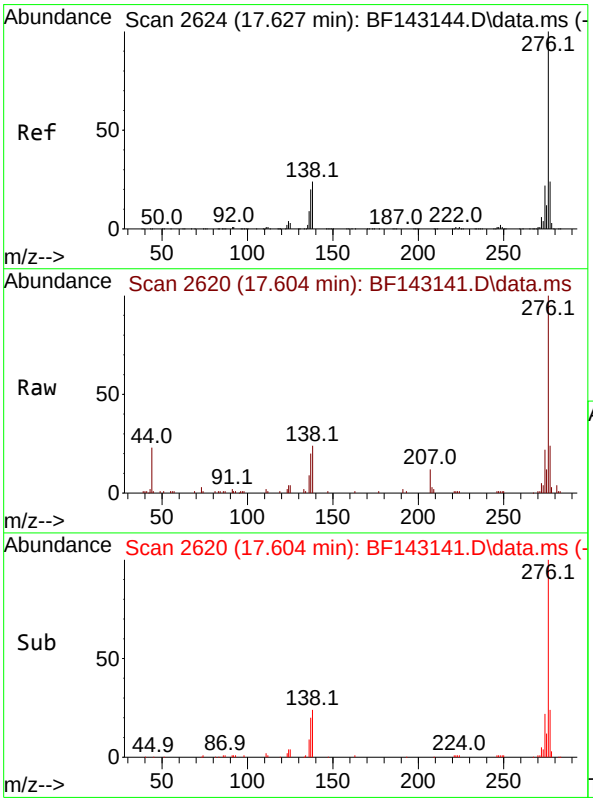

#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

Tgt Ion:278 Resp: 74120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.5 | 14.1 | 21.1 |
| 279 | 22.9 | 18.6 | 28.0 |

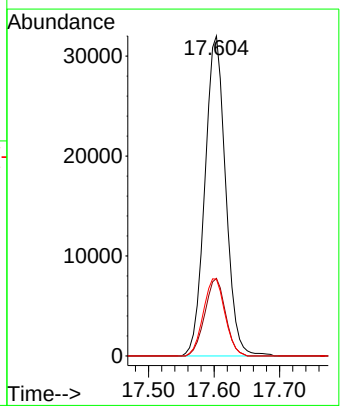



#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:276 Resp: 70403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.1 | 28.7 |
| 138 | 24.0 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 140410 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.239 | 136 | 545730 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 282580 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 461255 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.116 | 240 | 254650 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 273706 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 184363 | 20.778 | ng | | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 230206 | 20.613 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.510 | 82 | 223300 | 20.396 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 56961 | 19.512 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 464669 | 22.489 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.063 | 244 | 370808 | 21.669 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 40860 | 9.732 | ng | | 98 |
| 3) Pyridine | 3.587 | 79 | 109317 | 10.032 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 54487 | 9.684 | ng | | 98 |
| 6) Aniline | 6.616 | 93 | 158580 | 10.188 | ng | | 99 |
| 8) 2-Chlorophenol | 6.740 | 128 | 94265 | 10.135 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 81897 | 9.779 | ng | | 100 |
| 10) Phenol | 6.587 | 94 | 126291 | 10.380 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.687 | 93 | 94260 | 10.119 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 106226 | 10.514 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 106581 | 10.475 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 99226 | 10.253 | ng | | 99 |
| 15) Benzyl Alcohol | 7.087 | 79 | 85240 | 9.996 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 179226 | 10.371 | ng | | 99 |
| 17) 2-Methylphenol | 7.198 | 107 | 78001 | 9.974 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 34985 | 9.932 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.357 | 70 | 73815 | 10.302 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.345 | 107 | 103018 | 10.858 | ng | | 91 |
| 22) Acetophenone | 7.357 | 105 | 137532 | 10.645 | ng | # | 98 |
| 24) Nitrobenzene | 7.534 | 77 | 100837 | 9.879 | ng | | 98 |
| 25) Isophorone | 7.769 | 82 | 192895 | 9.981 | ng | | 100 |
| 26) 2-Nitrophenol | 7.851 | 139 | 38451 | 8.680 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.881 | 122 | 92724 | 10.269 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.981 | 93 | 119320 | 10.297 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.087 | 162 | 76847 | 10.091 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 83842 | 10.191 | ng | | 100 |
| 31) Naphthalene | 8.263 | 128 | 283107 | 10.534 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 25309 | 9.564 | ng | | 98 |
| 33) 4-Chloroaniline | 8.304 | 127 | 113797 | 10.369 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 51715 | 10.290 | ng | | 99 |
| 35) Caprolactam | 8.634 | 113 | 21157 | 9.194 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 84647 | 10.227 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.951 | 142 | 172865 | 10.570 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.051 | 142 | 177917 | 10.564 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 84494 | 10.357 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 47577 | 8.963 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 57396 | 10.165 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.257 | 196 | 54716 | 9.688 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 235467 | 10.680 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.439 | 162 | 172831 | 10.595 | ng | | 98 |
| 48) 2-Nitroaniline | 9.528 | 65 | 47055 | 9.198 | ng | | 99 |
| 49) Acenaphthylene | 9.857 | 152 | 289989 | 10.607 | ng | | 98 |
| 50) Dimethylphthalate | 9.704 | 163 | 189399 | 10.283 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.763 | 165 | 35364 | 9.438 | ng | | 93 |
| 52) Acenaphthene | 10.028 | 154 | 168698 | 10.440 | ng | | 99 |
| 53) 3-Nitroaniline | 9.933 | 138 | 42367 | 9.667 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 10.033 | 184 | 7147 | 10.522 | ng | # | 1 |
| 55) Dibenzofuran | 10.198 | 168 | 255272 | 10.641 | ng | | 99 |
| 56) 4-Nitrophenol | 10.075 | 139 | 28233 | 8.627 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 41815 | 8.895 | ng | | 98 |
| 58) Fluorene | 10.545 | 166 | 198041 | 10.999 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 46720 | 9.986 | ng | | 99 |
| 60) Diethylphthalate | 10.410 | 149 | 186802 | 10.261 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204 | 94685 | 10.561 | ng | | 97 |
| 62) 4-Nitroaniline | 10.539 | 138 | 35962 | 9.574 | ng | | 98 |
| 63) Azobenzene | 10.692 | 77 | 197998 | 10.435 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.575 | 198 | 12541 | 10.014 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.645 | 169 | 167901 | 10.337 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248 | 54849 | 9.978 | ng | | 97 |
| 68) Hexachlorobenzene | 11.092 | 284 | 57305 | 9.974 | ng | | 97 |
| 69) Atrazine | 11.169 | 200 | 43045 | 9.613 | ng | | 98 |
| 70) Pentachlorophenol | 11.280 | 266 | 27529 | 8.148 | ng | | 99 |
| 71) Phenanthrene | 11.504 | 178 | 253750 | 10.361 | ng | | 99 |
| 72) Anthracene | 11.557 | 178 | 261960 | 10.487 | ng | | 99 |
| 73) Carbazole | 11.704 | 167 | 223376 | 10.241 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 243142 | 9.852 | ng | | 100 |
| 75) Fluoranthene | 12.692 | 202 | 227701 | 10.129 | ng | | 99 |
| 77) Benzidine | 12.804 | 184 | 96484 | 9.834 | ng | | 99 |
| 78) Pyrene | 12.922 | 202 | 227008 | 10.445 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 60055 | 9.024 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 174020 | 10.207 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.063 | 252 | 55694 | 9.802 | ng | | 97 |
| 83) Chrysene | 14.145 | 228 | 149446 | 9.750 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 96191 | 9.549 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 162156 | 8.881 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.145 | 276 | 182869 | 9.475 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 155430 | 9.296 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 157663 | 10.567 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.551 | 252 | 150853 | 9.792 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.162 | 278 | 150977 | 9.611 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.609 | 276 | 143342 | 9.433 | ng | | 99 |

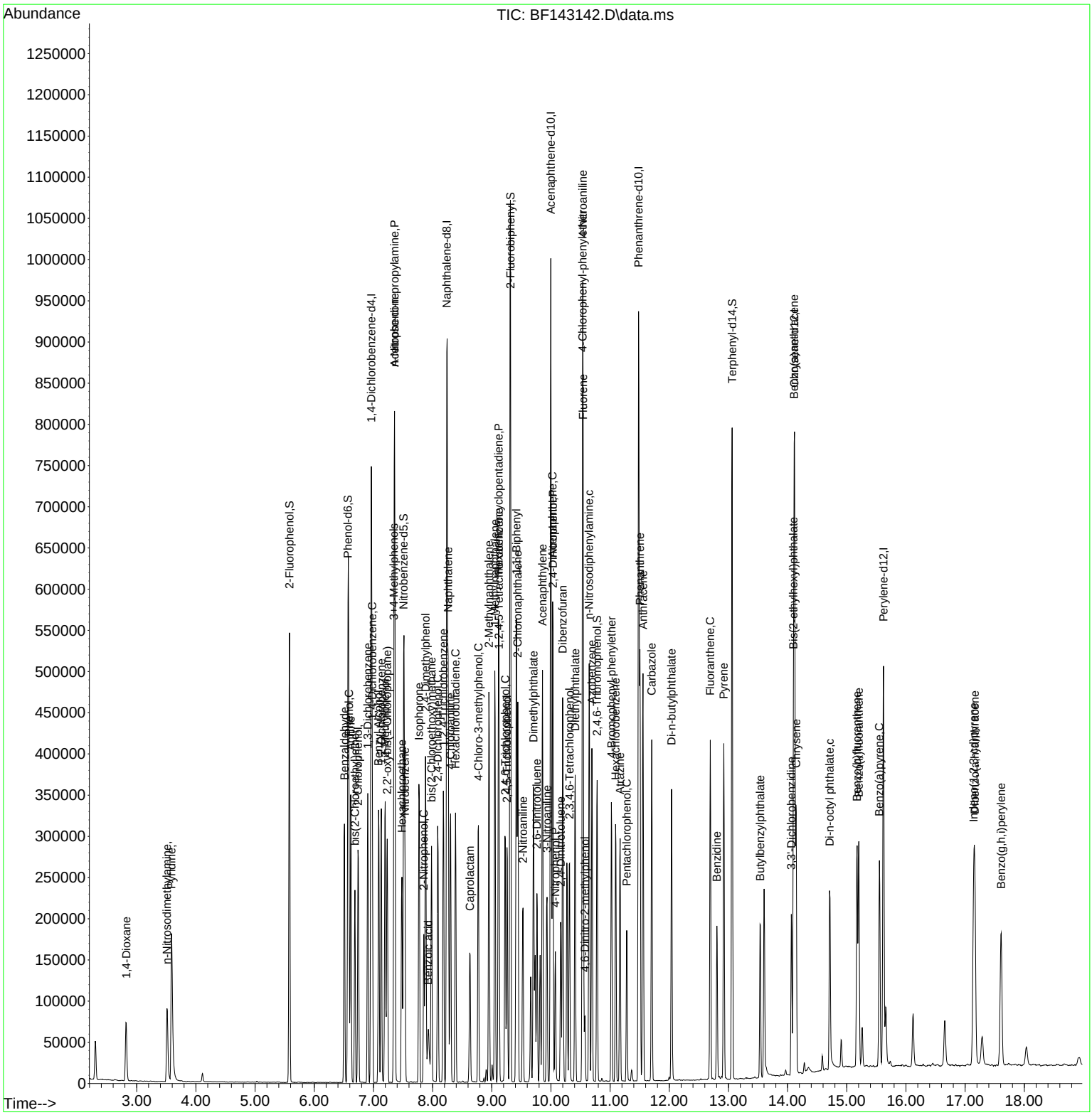
(#) = qualifier out of range (m) = manual integration (+) = signals summed

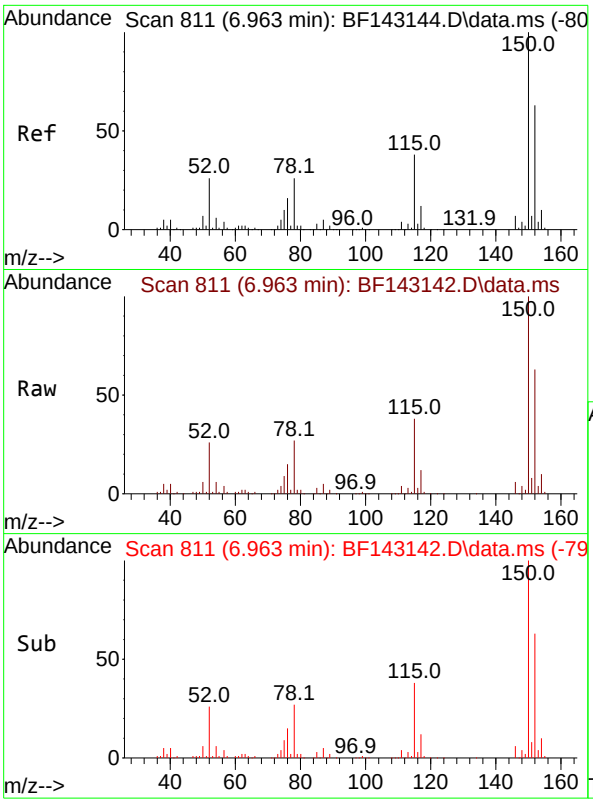
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143142.D
Acq On : 17 Jul 2025 12:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Jul 17 15:01:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



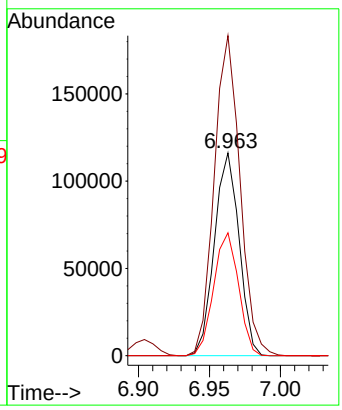


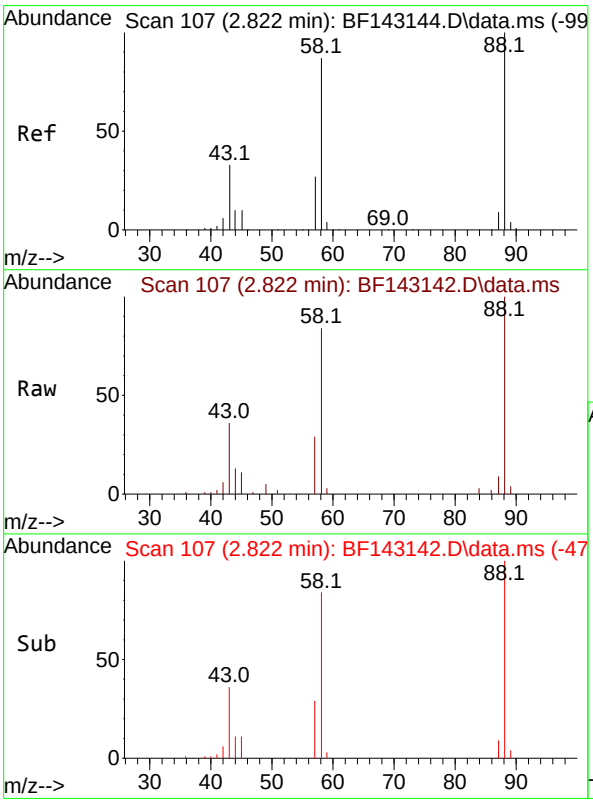

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 140410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 128.2 | 192.4 |
| 115 | 60.6 | 47.9 | 71.9 |

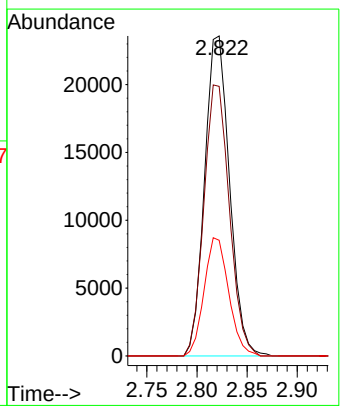


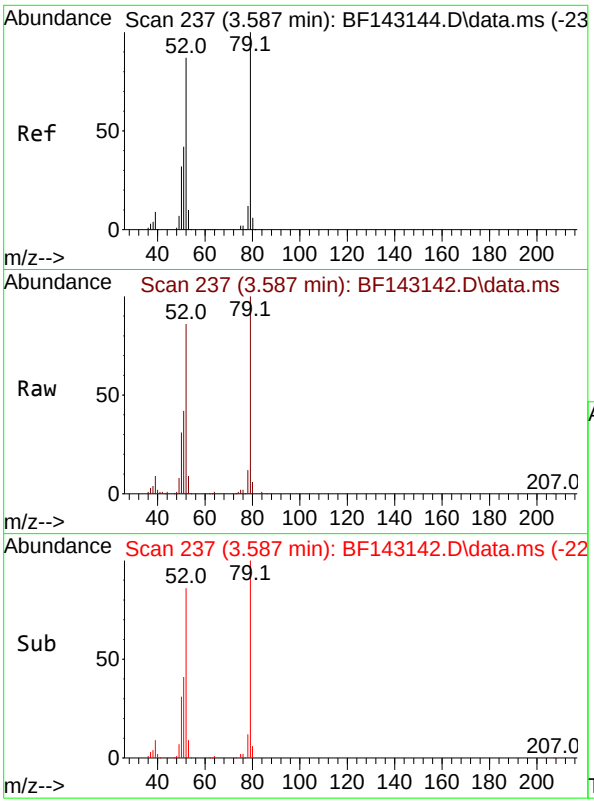




#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.6 | 70.2 | 105.2 |
| 43 | 36.5 | 27.1 | 40.7 |



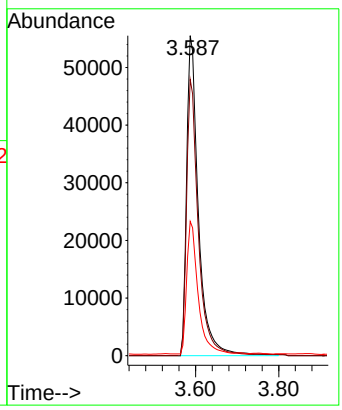


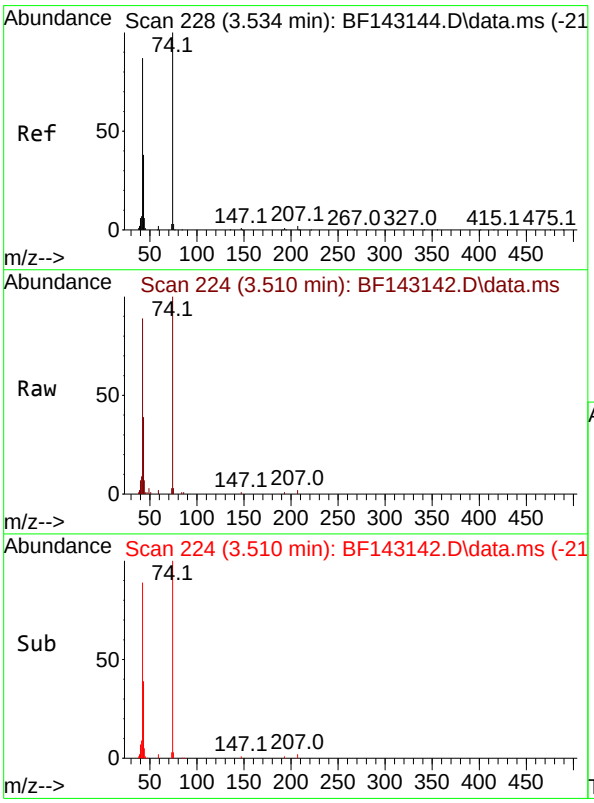

#3
Pyridine
Concen: 10.032 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 109317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.3 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |

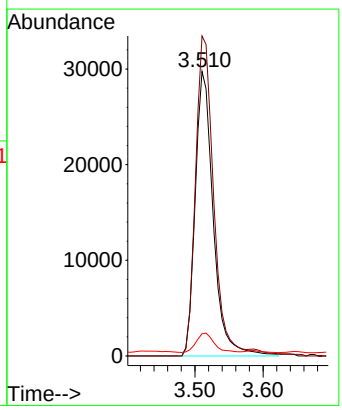


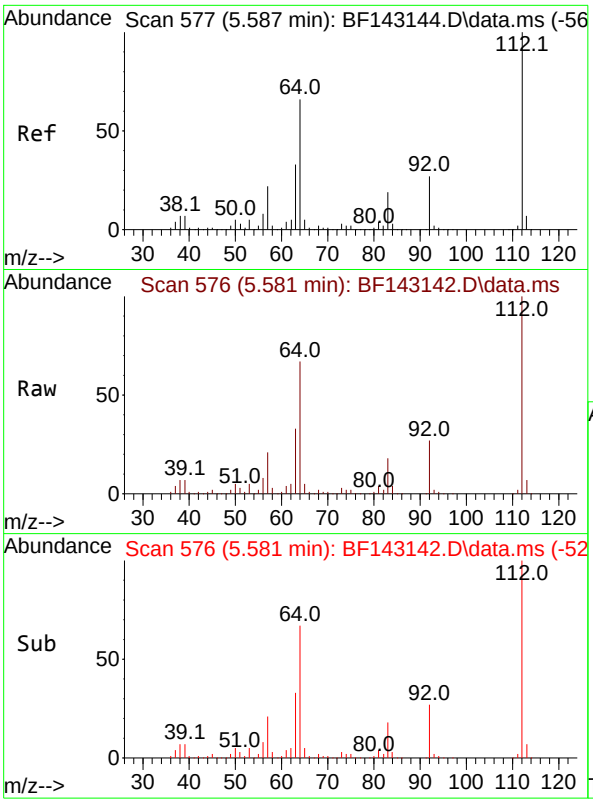




#4
n-Nitrosodimethylamine
Concen: 9.684 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 42 Resp: 54487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.5 | 91.7 | 137.5 |
| 44 | 7.8 | 5.6 | 8.4 |



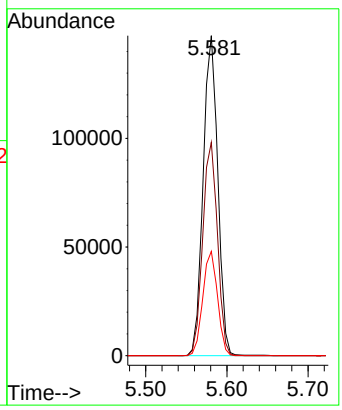


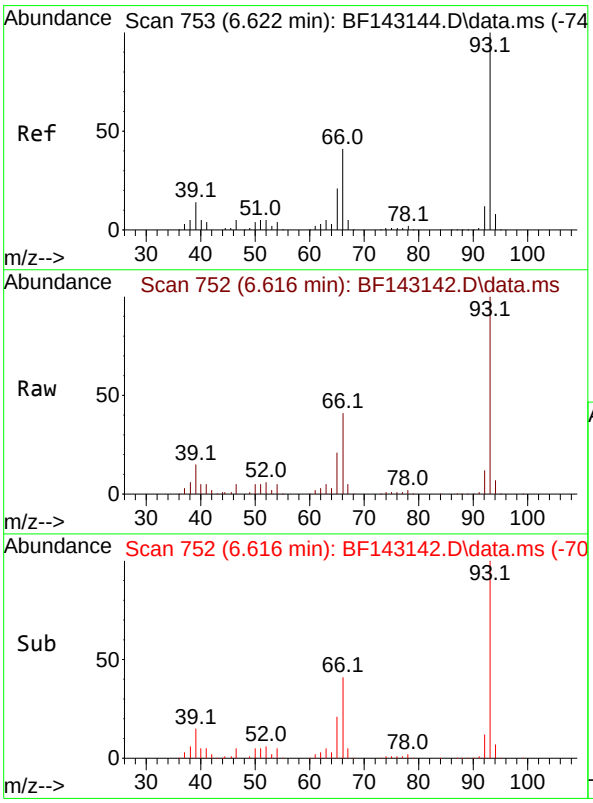

#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:112 Resp: 184363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 53.1 | 79.7 |
| 63 | 32.6 | 26.6 | 40.0 |

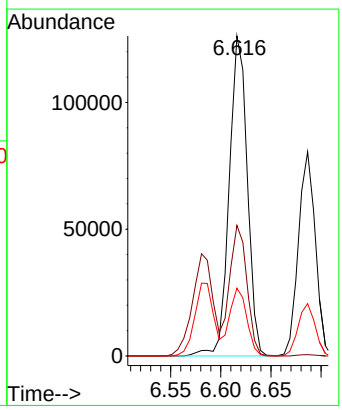


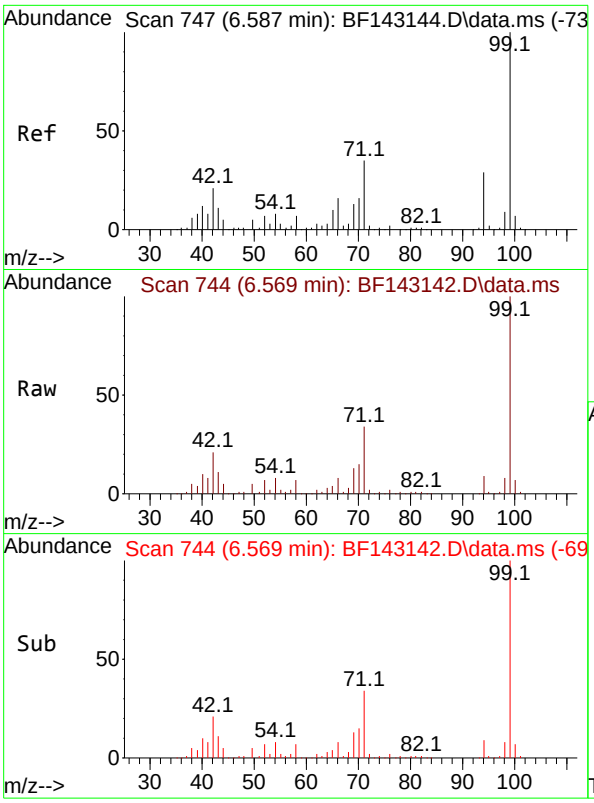




#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.8 | 33.2 | 49.8 |
| 65 | 21.2 | 16.9 | 25.3 |



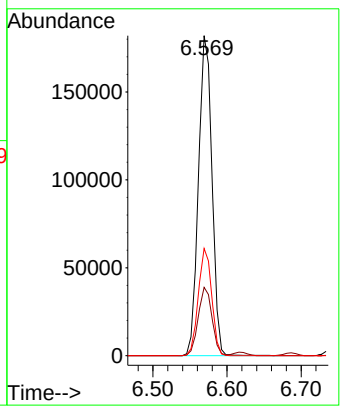


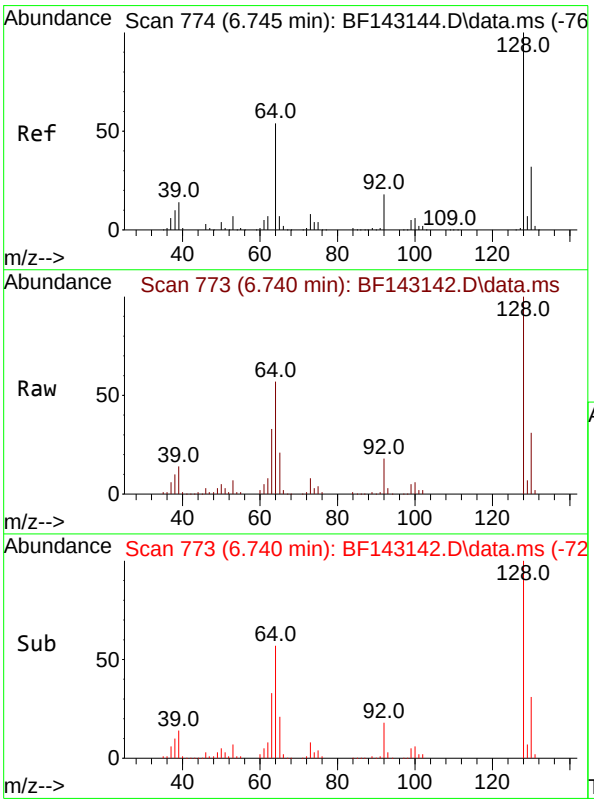

#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 99 Resp: 230206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 33.5 | 27.7 | 41.5 |

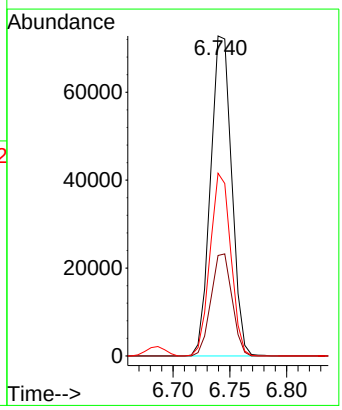


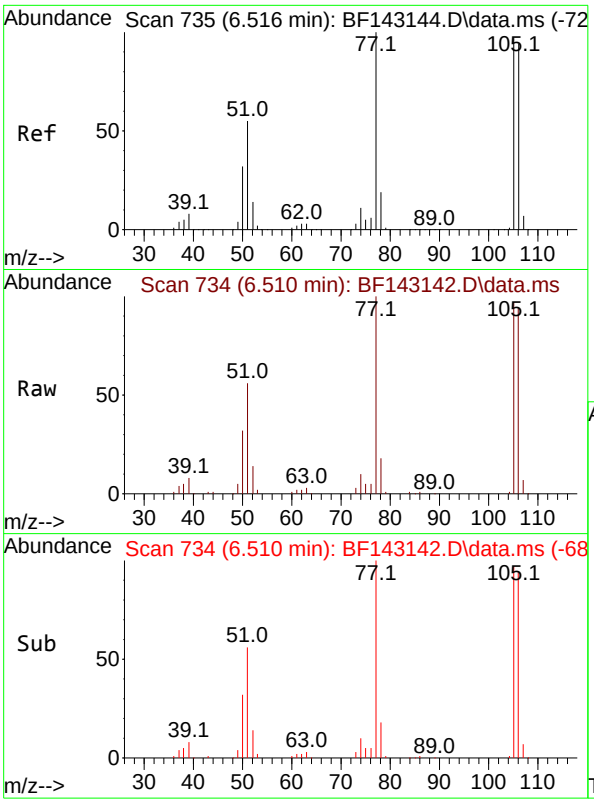




#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.4 | 12.3 | 52.3 |
| 64 | 57.1 | 35.9 | 75.9 |



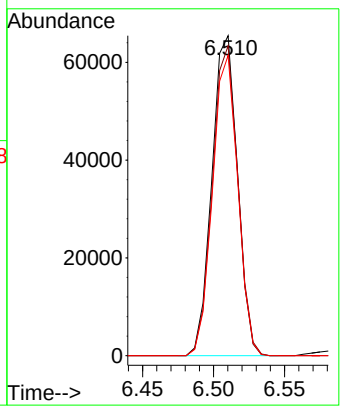


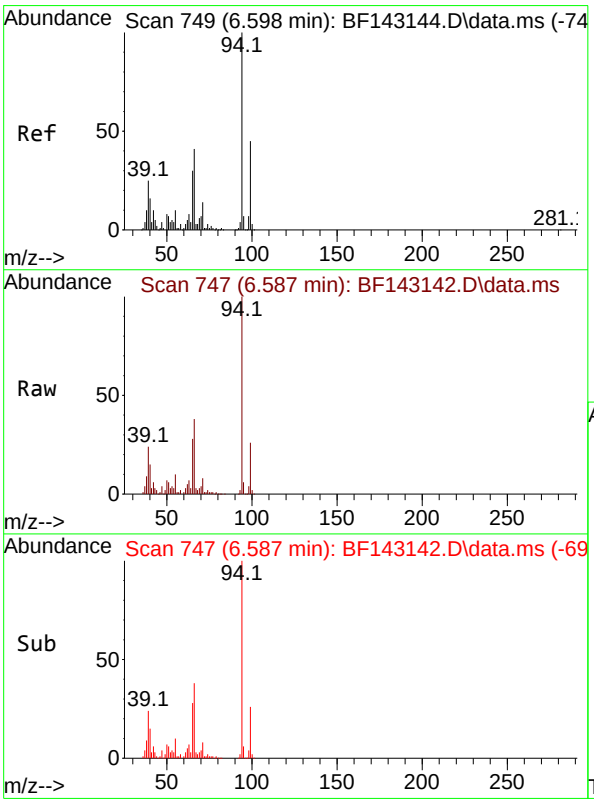

#9
Benzaldehyde
Concen: 9.779 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 81897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.9 | 76.8 | 116.8 |
| 106 | 93.9 | 74.4 | 114.4 |

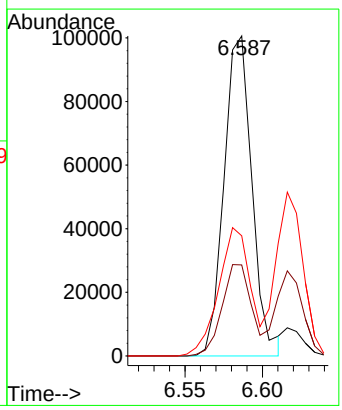


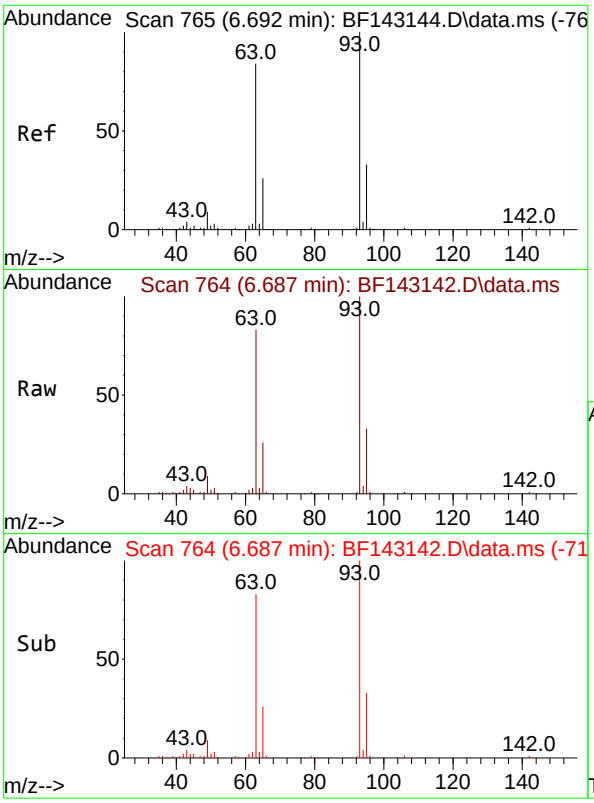




#10
Phenol
Concen: 10.380 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 94 Resp: 126291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.4 | 10.0 | 50.0 |
| 66 | 37.5 | 20.8 | 60.8 |



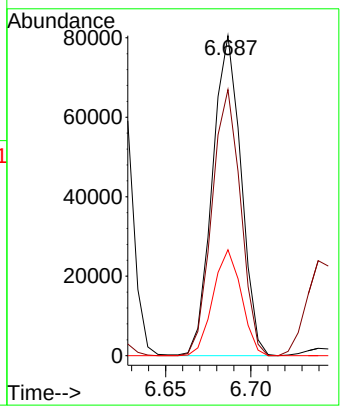


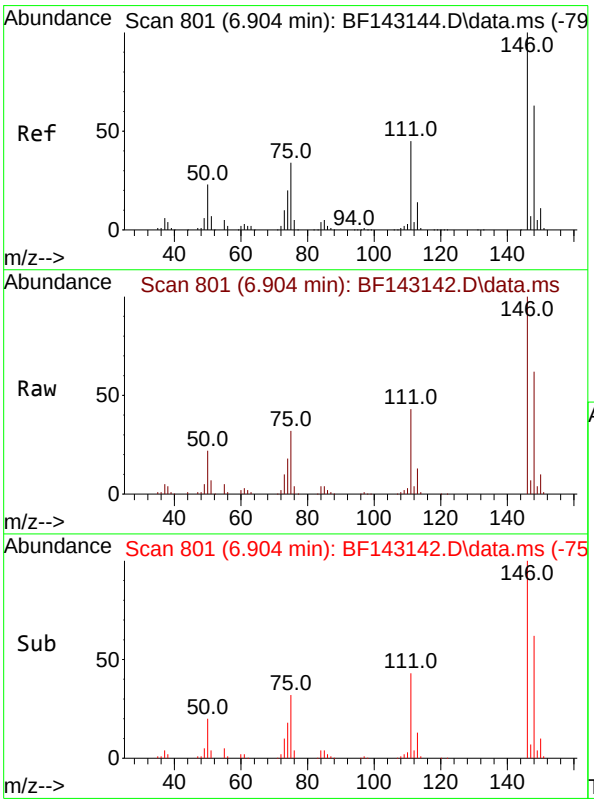

#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 93 Resp: 94260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.2 | 63.4 | 103.4 |
| 95 | 33.1 | 12.4 | 52.4 |

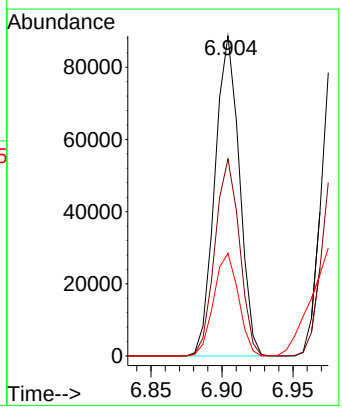


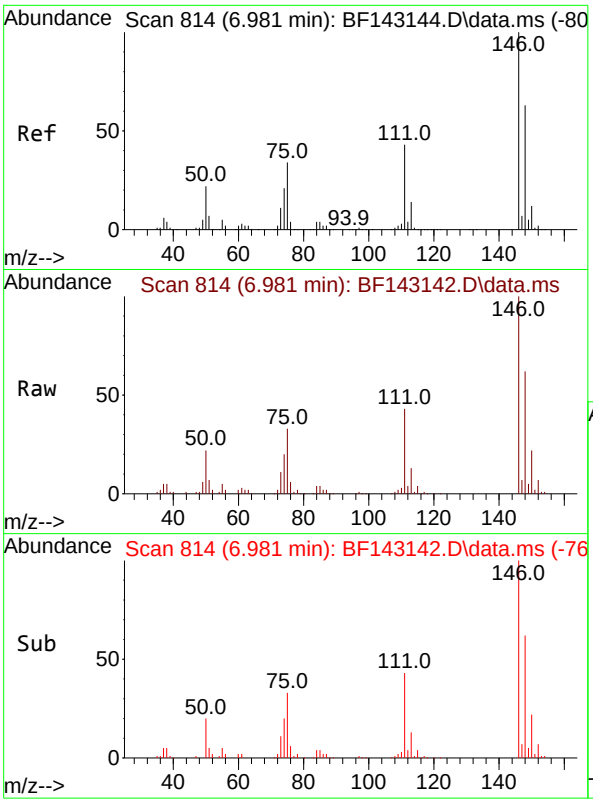




#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.6 | 50.6 | 76.0 |
| 75 | 32.1 | 27.4 | 41.2 |



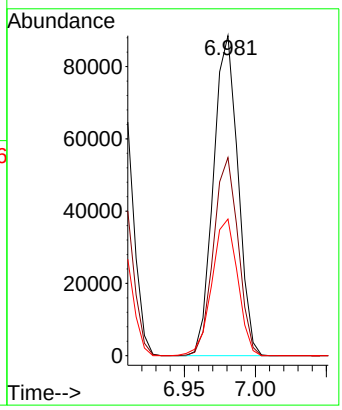


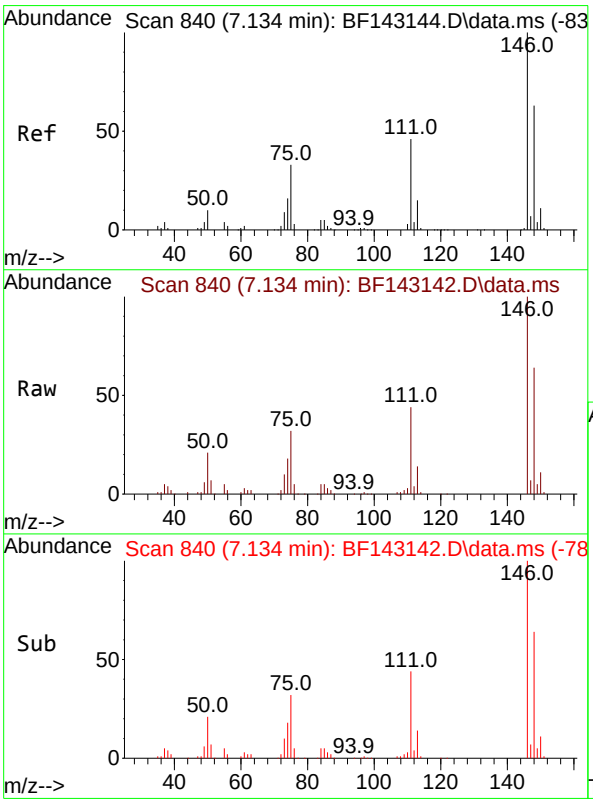

#13
1,4-Dichlorobenzene
Concen: 10.475 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:146 Resp: 106581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 50.3 | 75.5 |
| 111 | 42.7 | 34.4 | 51.6 |

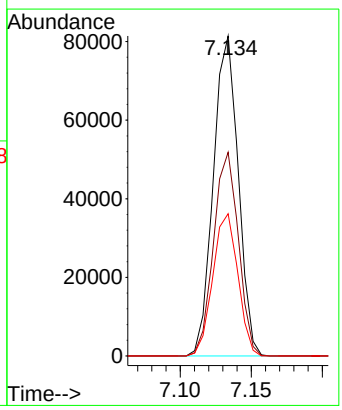


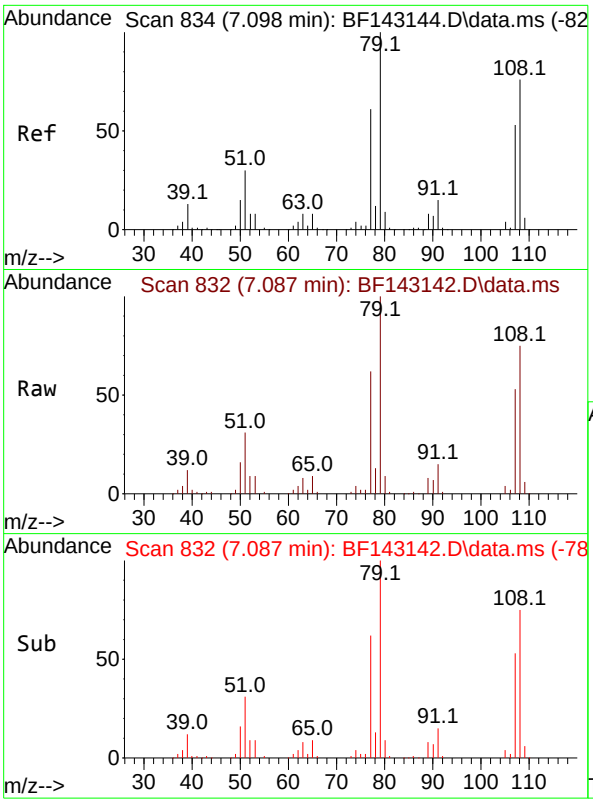




#14
1,2-Dichlorobenzene
Concen: 10.253 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 99226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.7 | 76.1 |
| 111 | 44.5 | 36.6 | 54.8 |



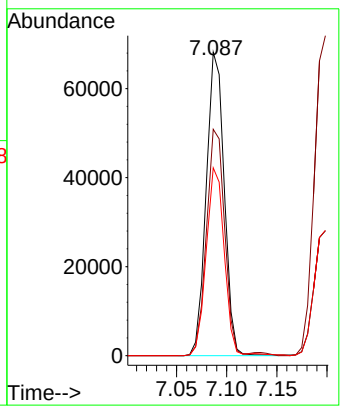


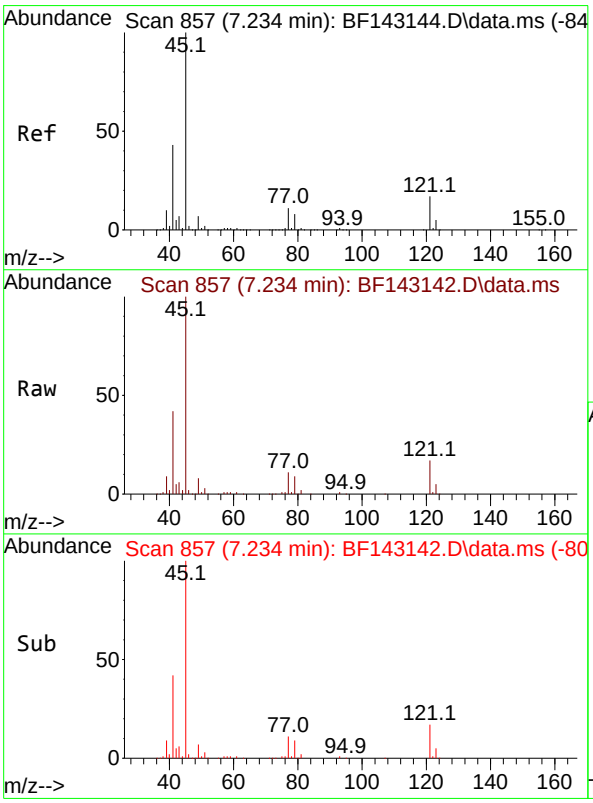

#15
Benzyl Alcohol
Concen: 9.996 ng
RT: 7.087 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 85240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.6 | 61.1 | 91.7 |
| 77 | 61.9 | 48.9 | 73.3 |

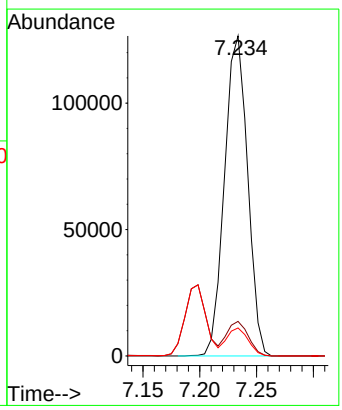


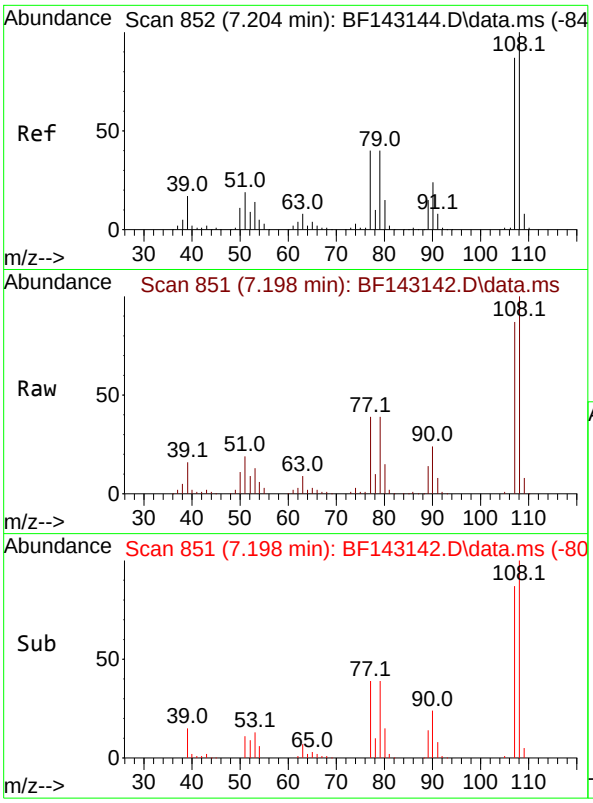




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 45 Resp: 179226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.8 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |



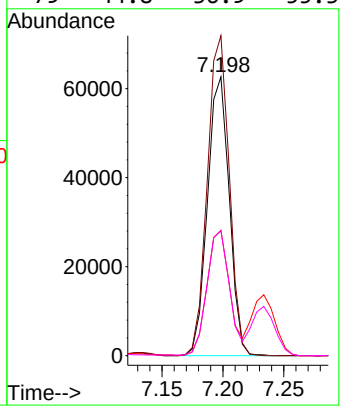


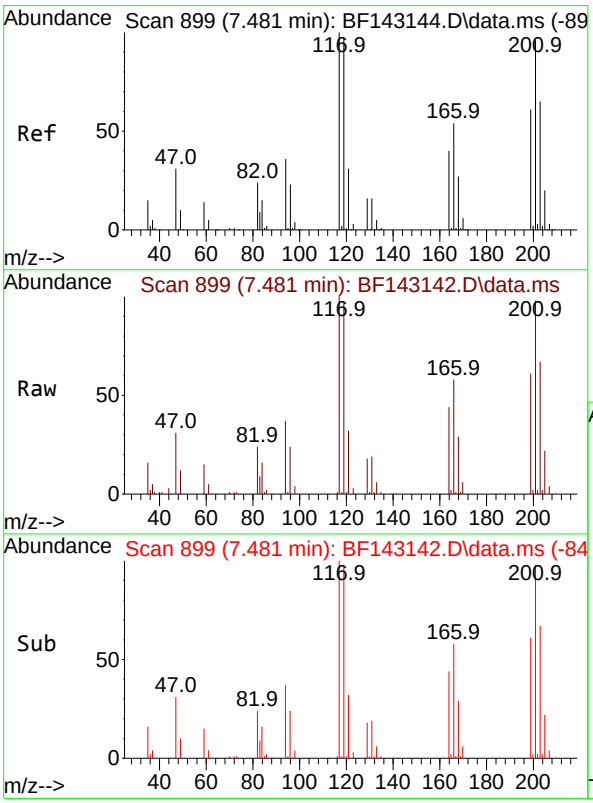

#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:107 Resp: 78001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.8 | 91.8 | 137.6 |
| 77 | 45.0 | 37.0 | 55.6 |
| 79 | 44.8 | 36.9 | 55.3 |

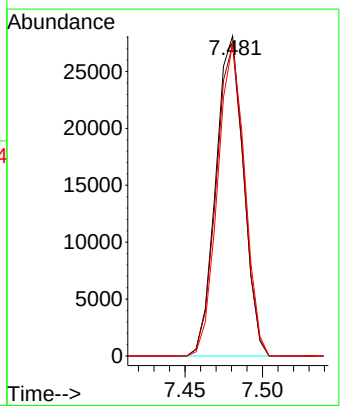


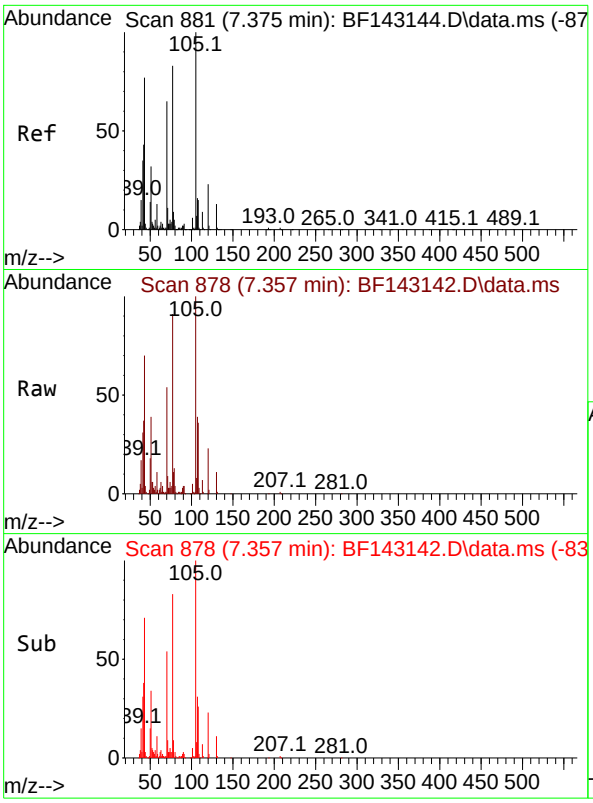




#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:117 Resp: 34985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 77.8 | 116.8 |
| 201 | 97.7 | 77.0 | 115.4 |



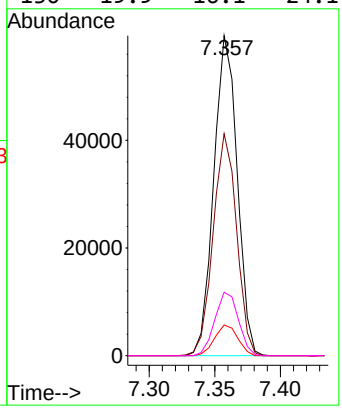


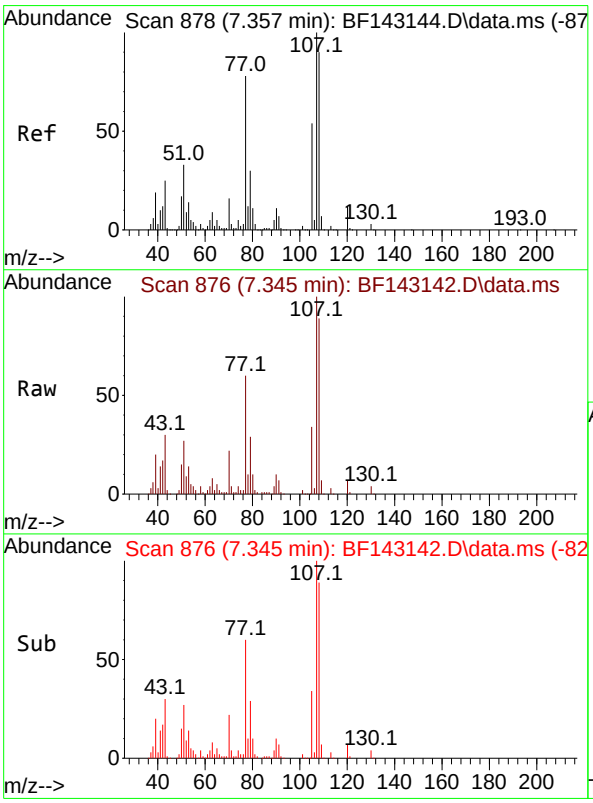

#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 70 Resp: 73815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.4 | 52.5 | 78.7 |
| 101 | 9.6 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |

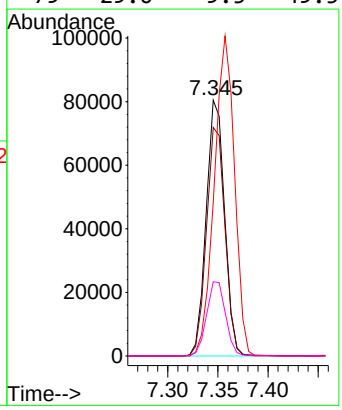


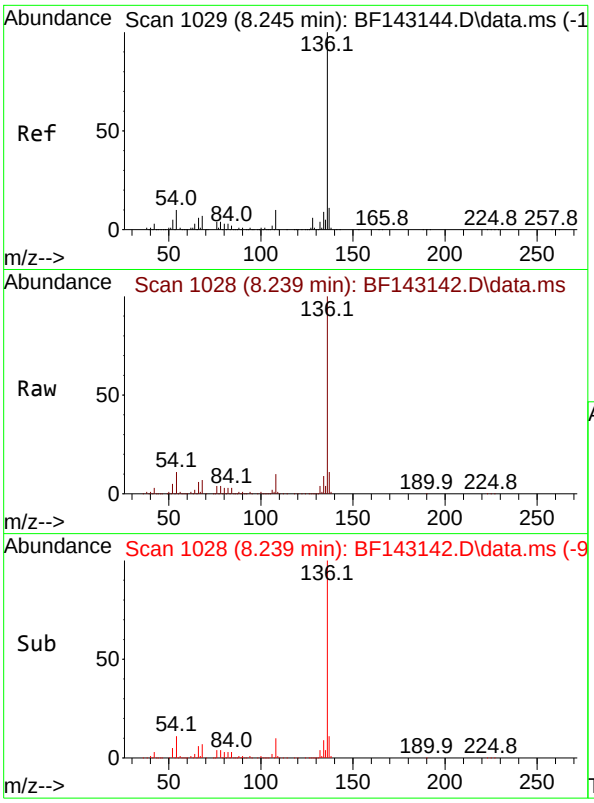




#20
3+4-Methylphenols
Concen: 10.858 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 70.0 | 110.0 |
| 77 | 60.0 | 57.8 | 97.8 |
| 79 | 29.0 | 9.5 | 49.5 |



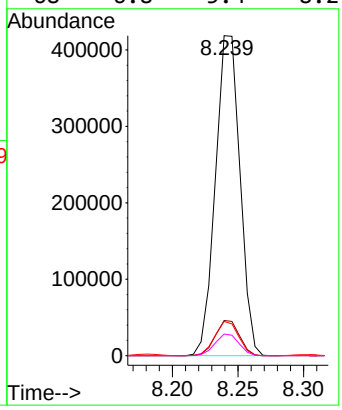


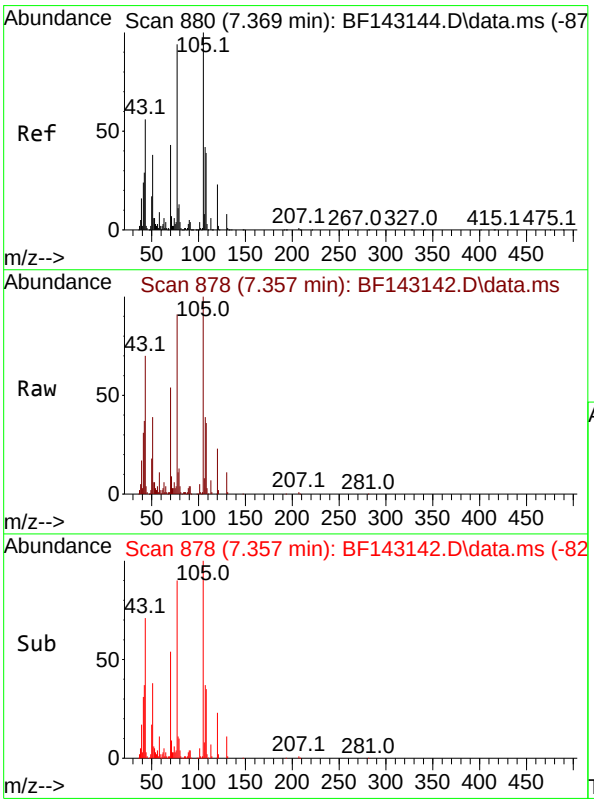

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:136 Resp: 545730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.7 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

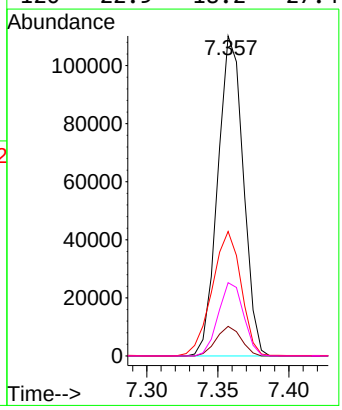


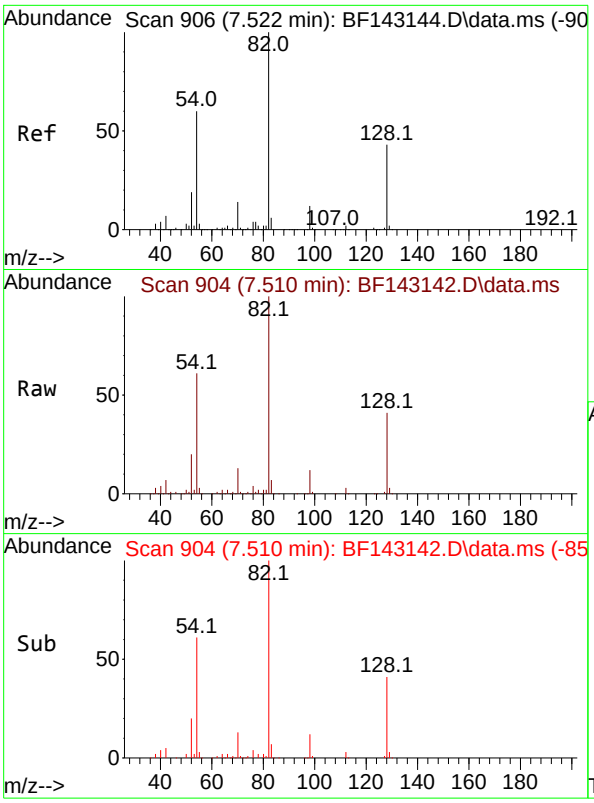




#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.3 | 5.8 | 8.6# |
| 51 | 38.9 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |



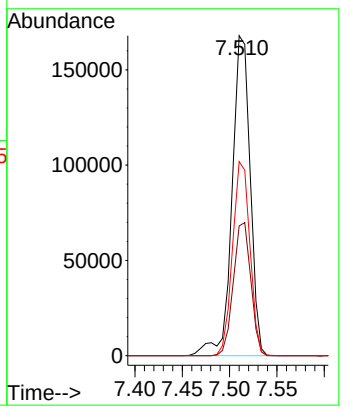


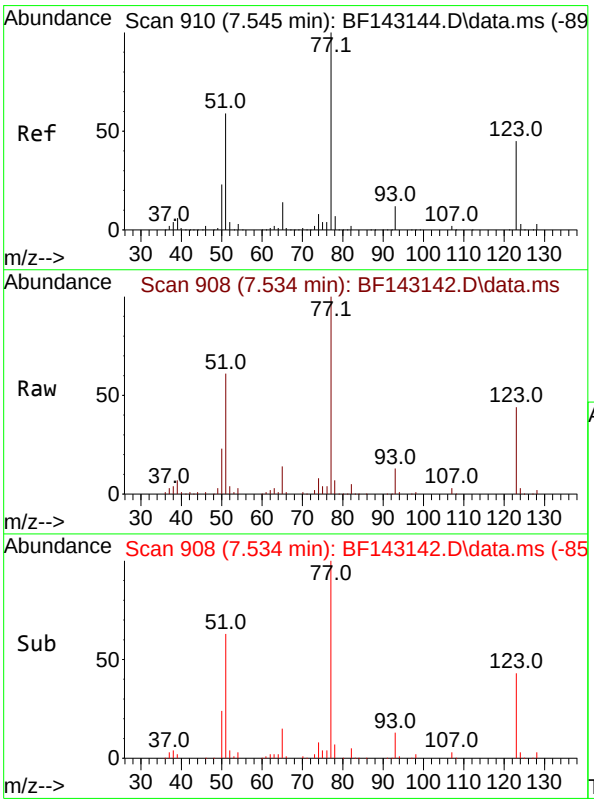

#23
Nitrobenzene-d5
Concen: 20.396 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 223300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.5 | 33.6 | 50.4 |
| 54 | 60.7 | 47.1 | 70.7 |

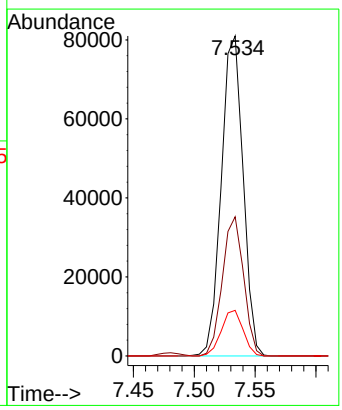


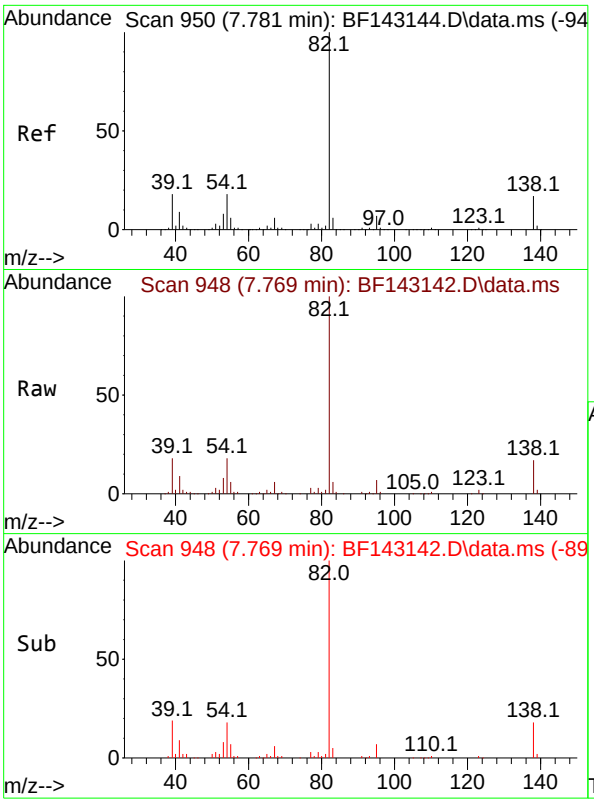




#24
Nitrobenzene
Concen: 9.879 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 77 Resp: 100837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.2 | 11.4 | 17.2 |



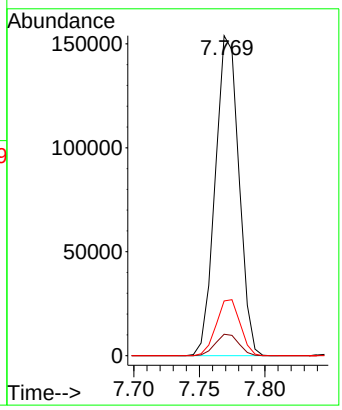


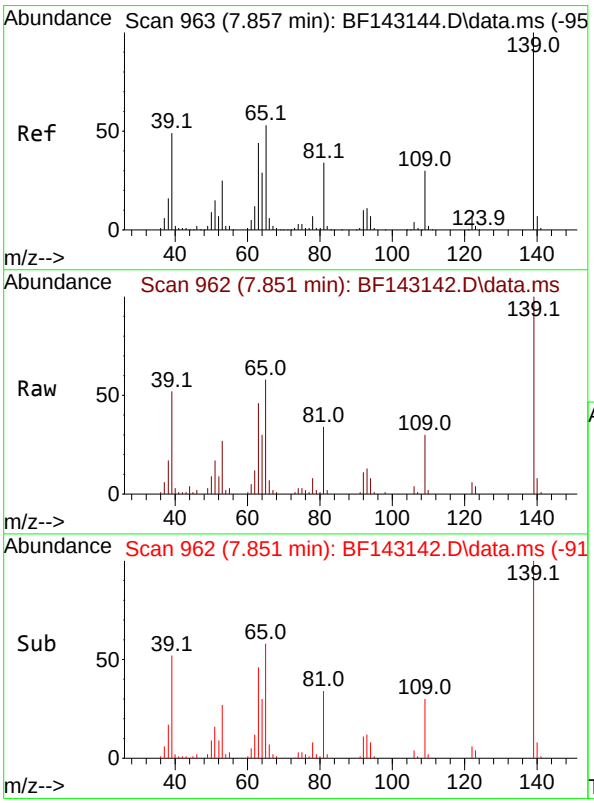

#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 192895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.5 | 8.3 |
| 138 | 17.1 | 13.8 | 20.8 |

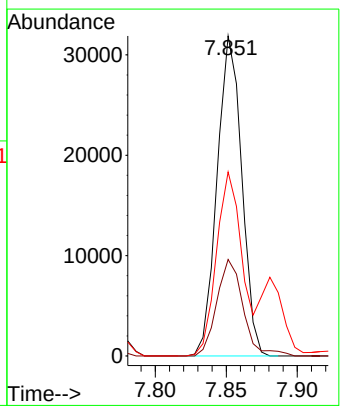


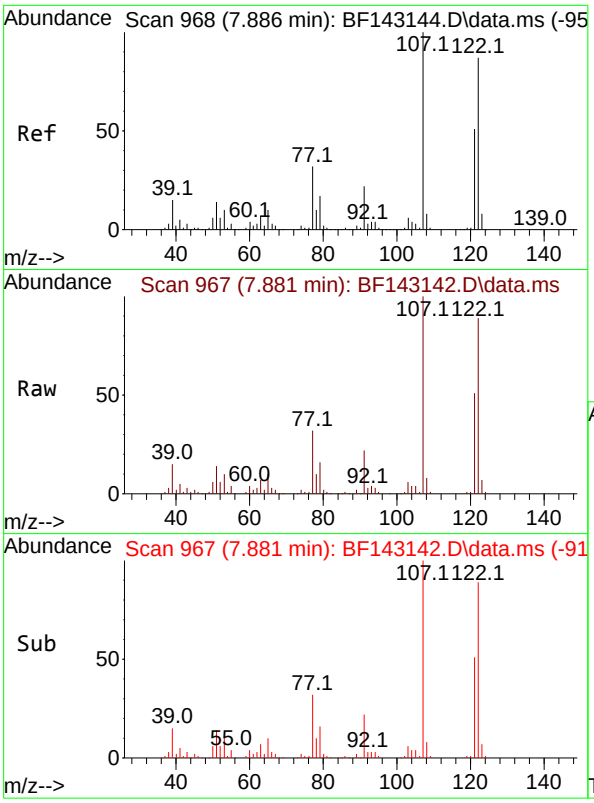




#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.2 | 23.6 | 35.4 |
| 65 | 57.5 | 42.6 | 64.0 |



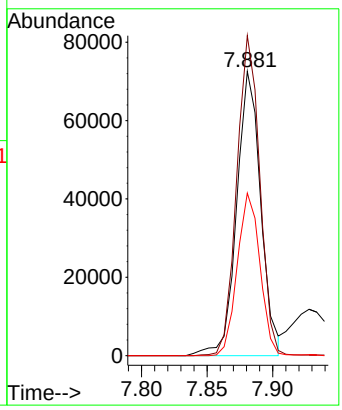


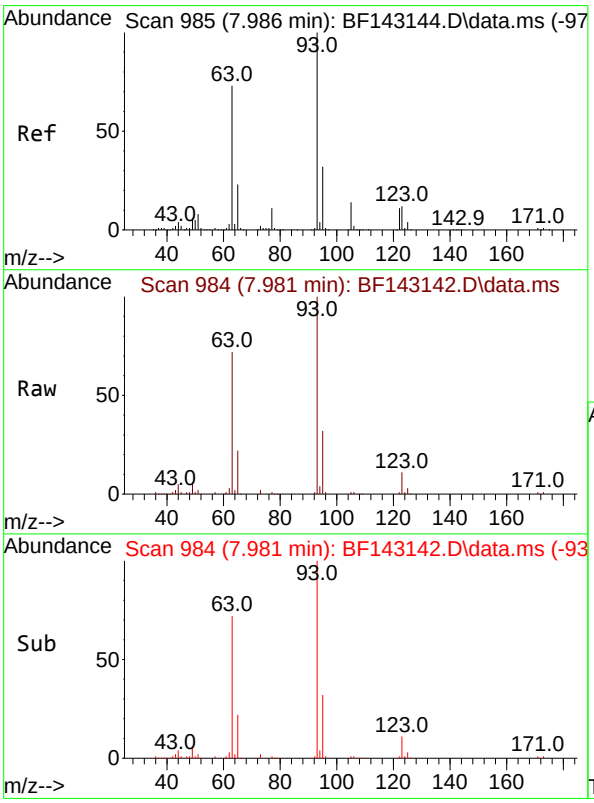

#27
2,4-Dimethylphenol
Concen: 10.269 ng
RT: 7.881 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:122 Resp: 92724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 91.8 | 137.6 |
| 121 | 57.2 | 46.3 | 69.5 |

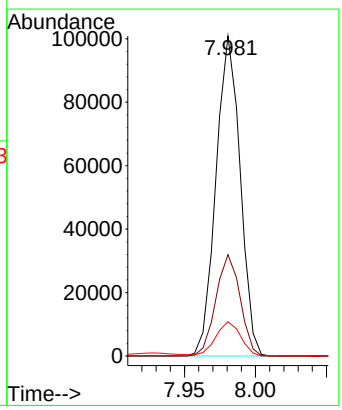


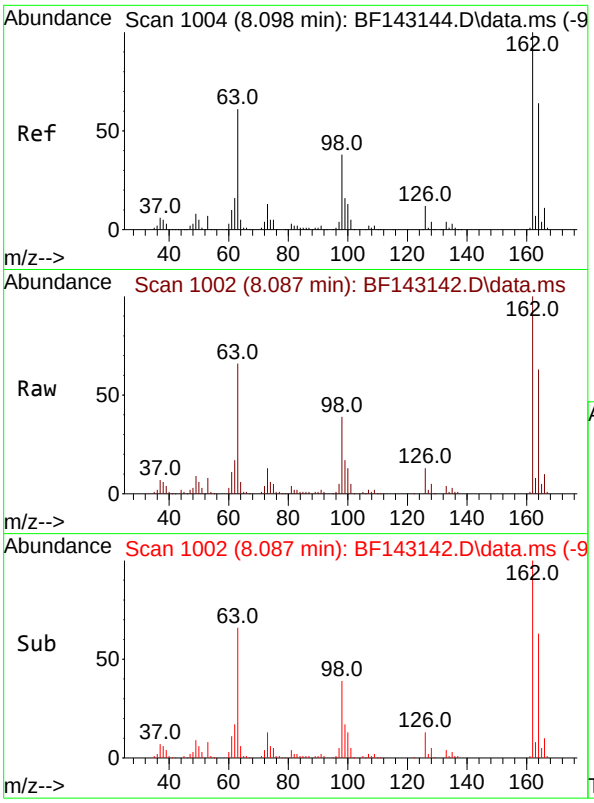




#28
bis(2-Chloroethoxy)methane
Concen: 10.297 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 119320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.8 | 38.6 |
| 123 | 10.7 | 9.7 | 14.5 |



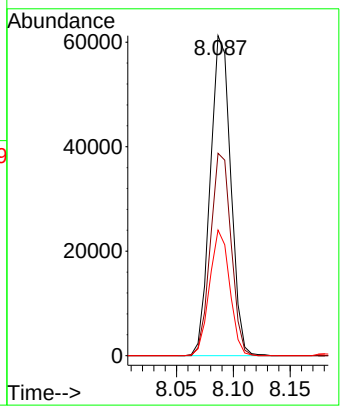


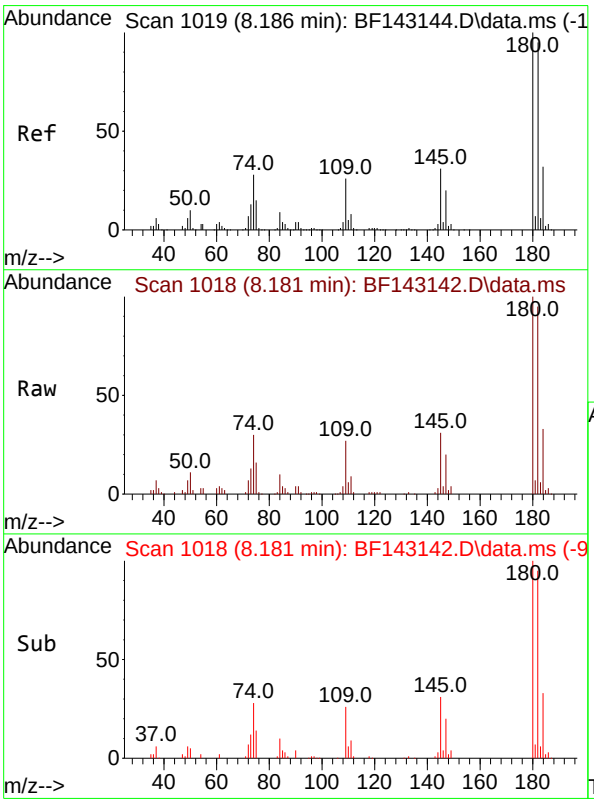

#29
2,4-Dichlorophenol
Concen: 10.091 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 76847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.3 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |

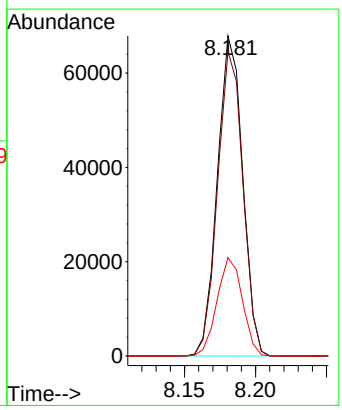


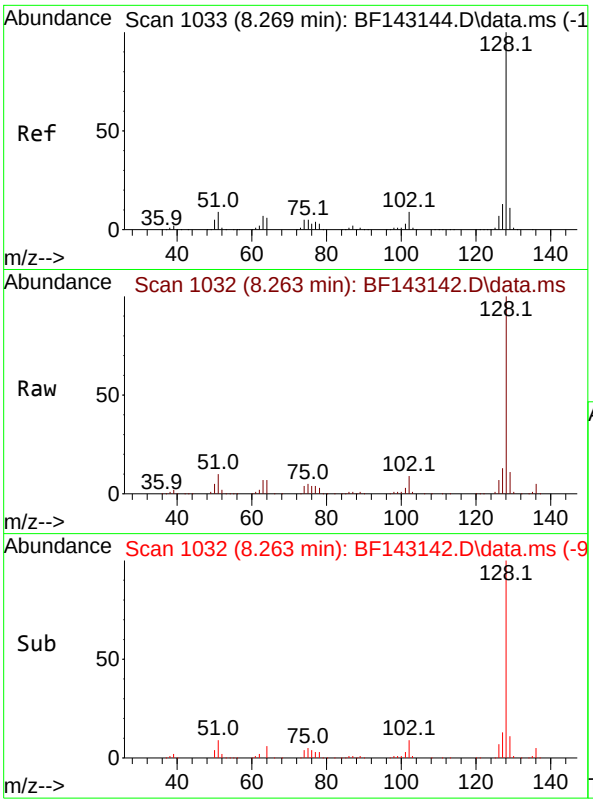




#30
1,2,4-Trichlorobenzene
Concen: 10.191 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.2 | 114.2 |
| 145 | 30.7 | 25.0 | 37.6 |



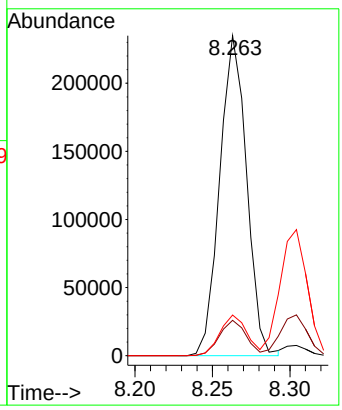


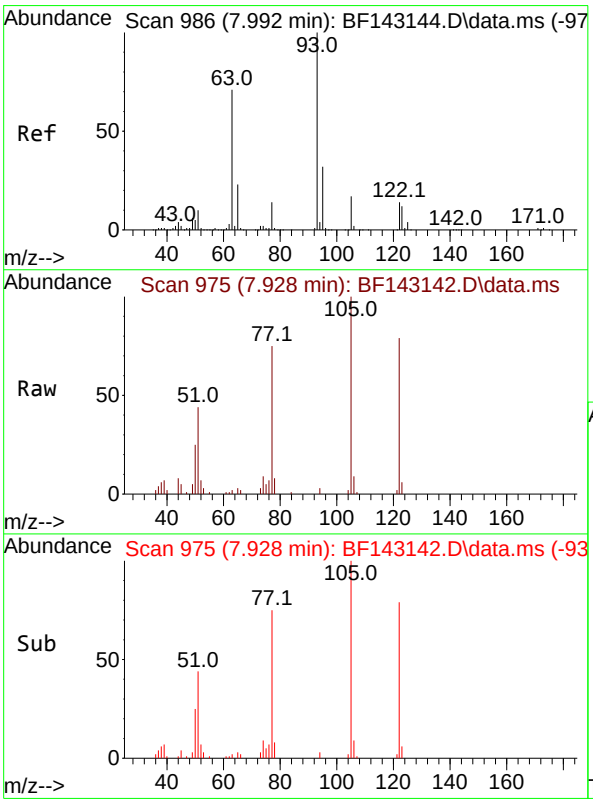

#31
Naphthalene
Concen: 10.534 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:128 Resp: 283107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.7 | 10.6 | 16.0 |

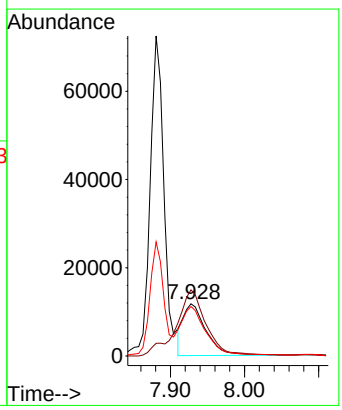


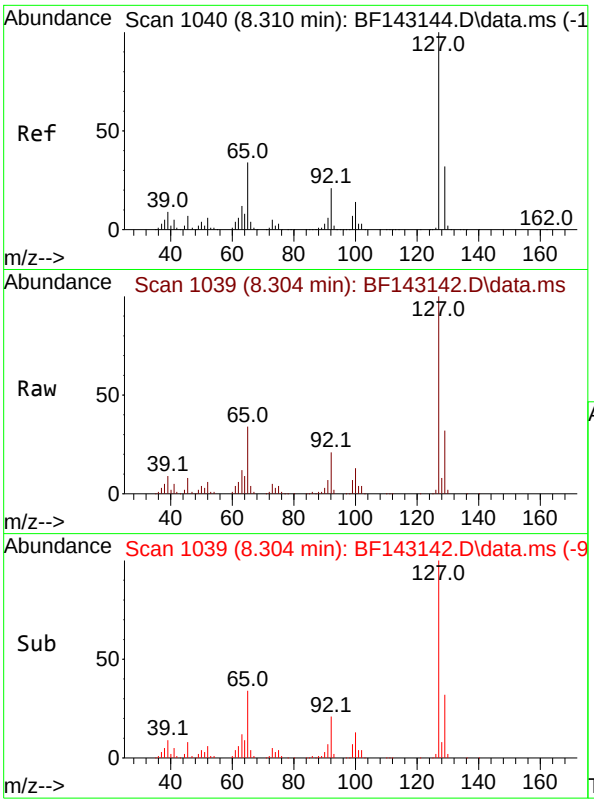




#32
Benzoic acid
Concen: 9.564 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:122 Resp: 25309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.6 | 104.8 | 144.8 |
| 77 | 94.6 | 77.6 | 117.6 |



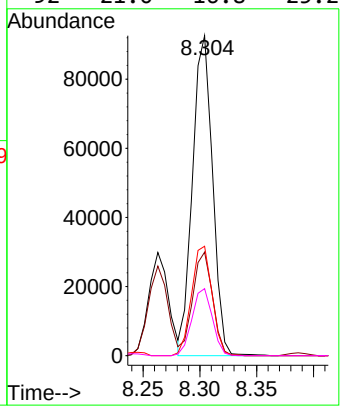


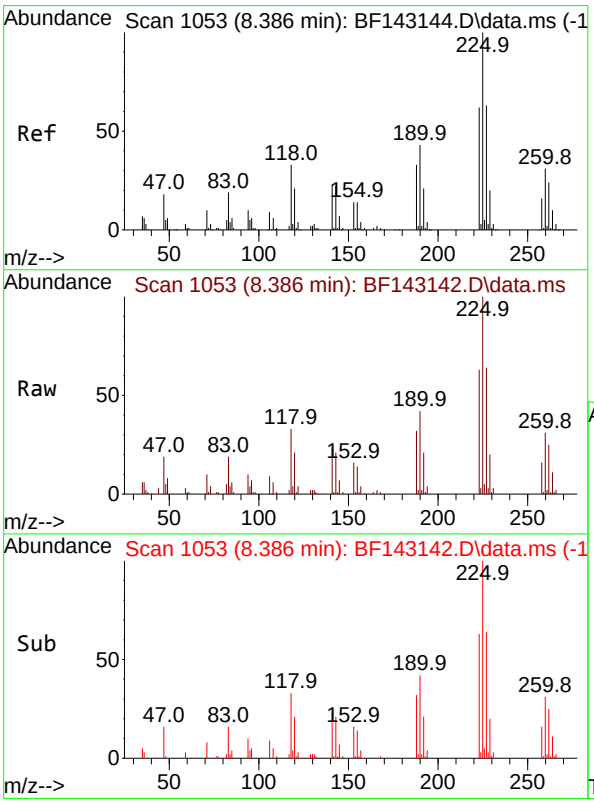

#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:127 Resp: 113797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 26.0 | 39.0 |
| 65 | 34.2 | 27.4 | 41.2 |
| 92 | 21.0 | 16.8 | 25.2 |

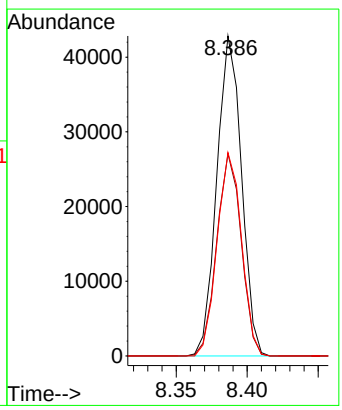


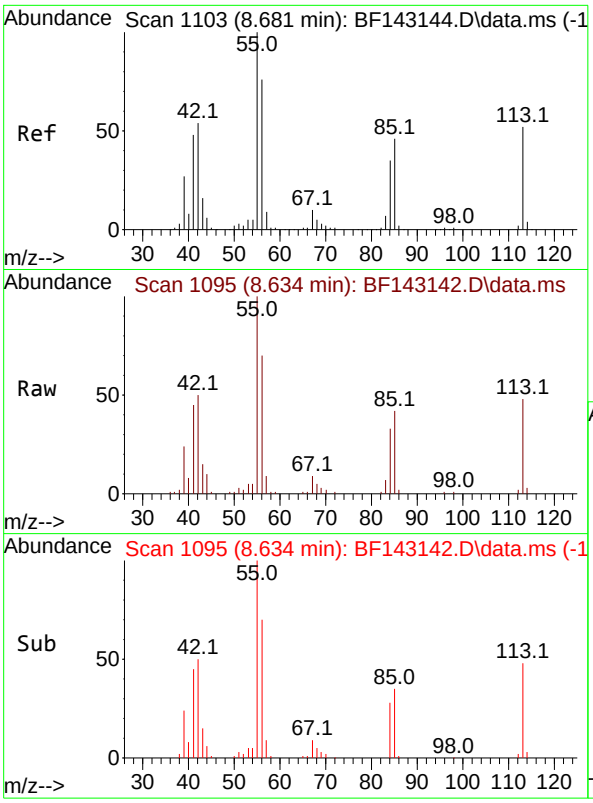




#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:225 Resp: 51715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.8 | 74.6 |
| 227 | 63.5 | 50.2 | 75.4 |



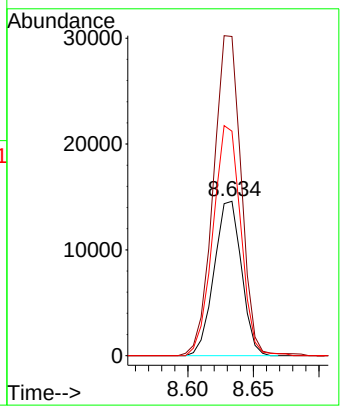


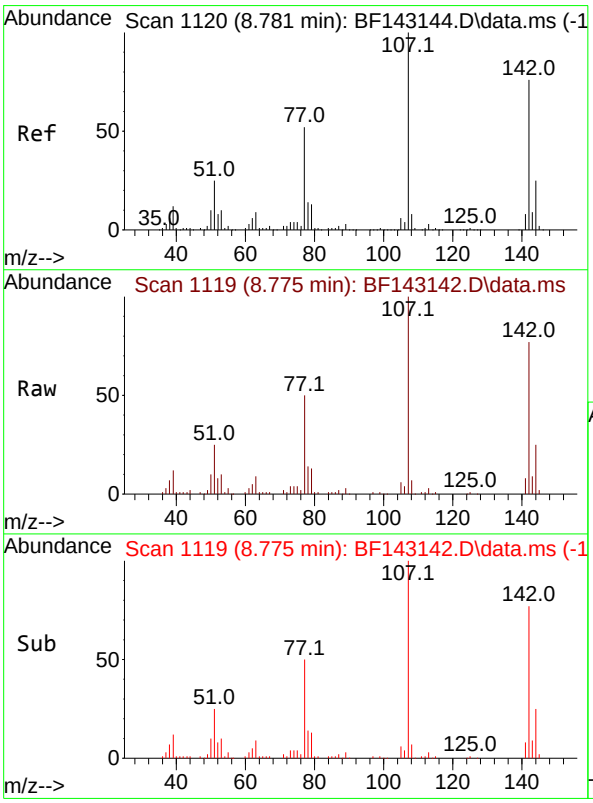

#35
Caprolactam
Concen: 9.194 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:113 Resp: 21157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 206.8 | 174.0 | 214.0 |
| 56 | 145.4 | 126.6 | 166.6 |

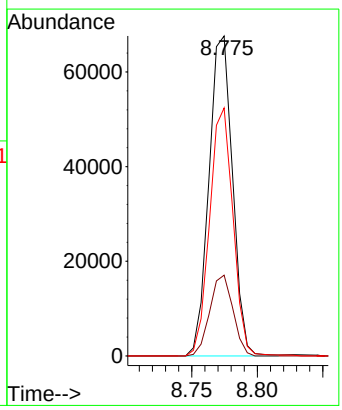


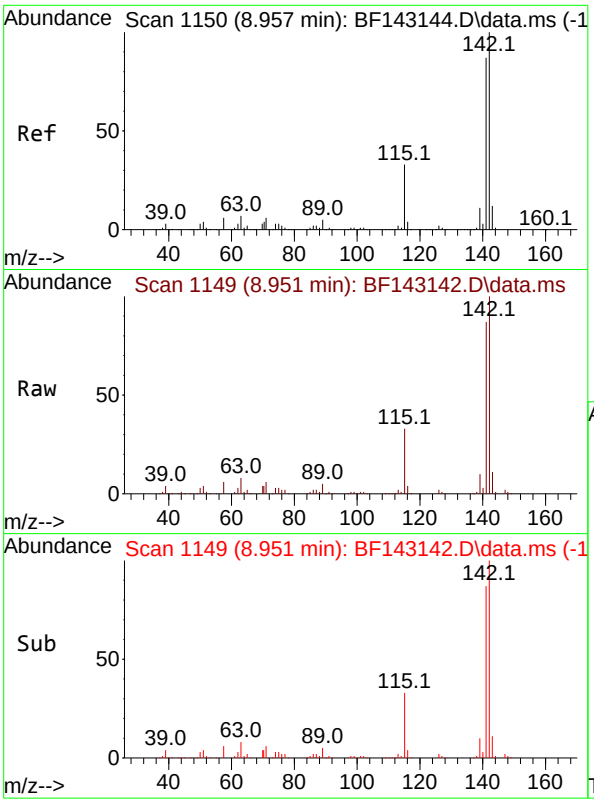




#36
4-Chloro-3-methylphenol
Concen: 10.227 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 84647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.3 | 19.8 | 29.6 |
| 142 | 77.5 | 60.6 | 90.8 |



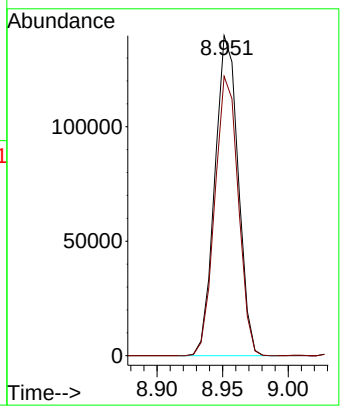


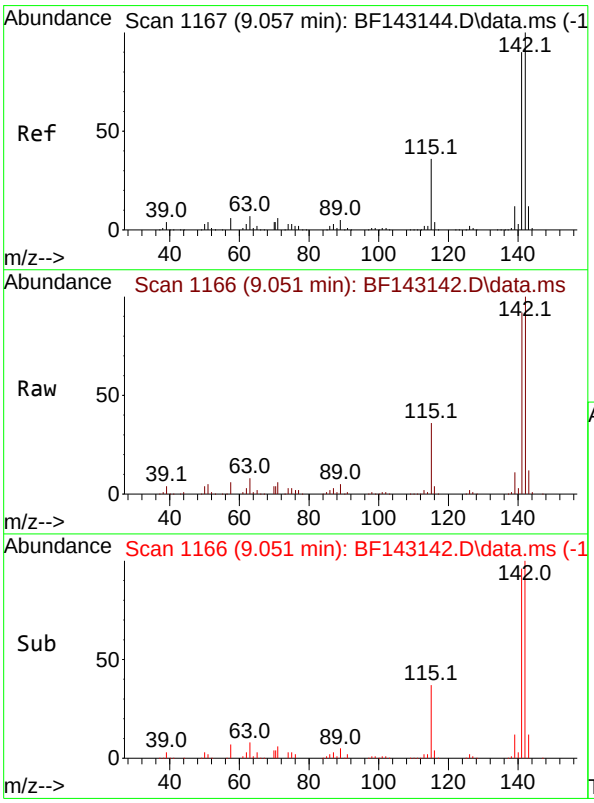

#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:142 Resp: 172865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.3 | 69.9 | 104.9 |

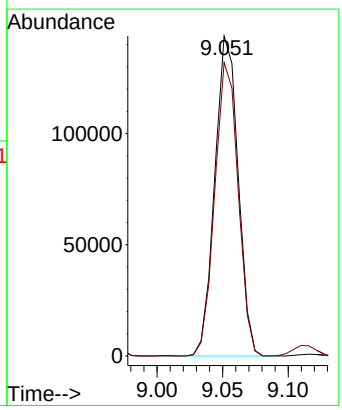


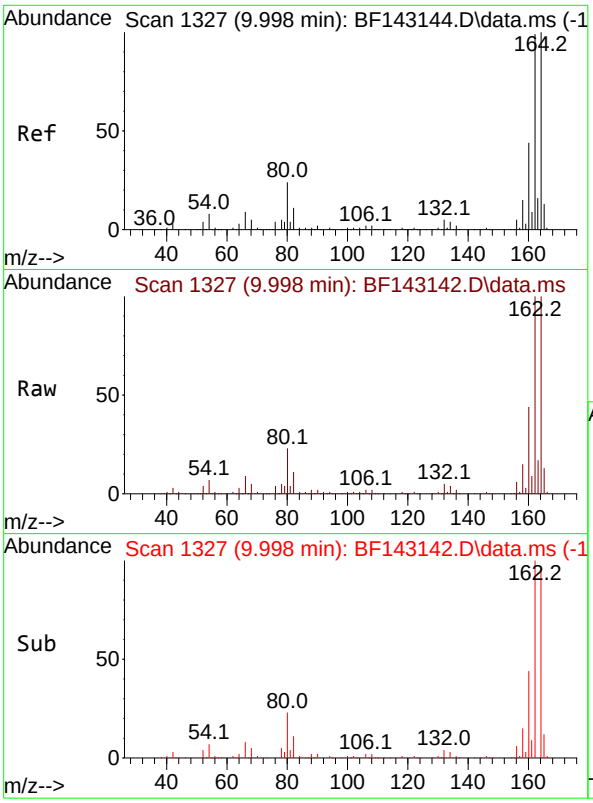




#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.7 | 72.3 | 108.5 |



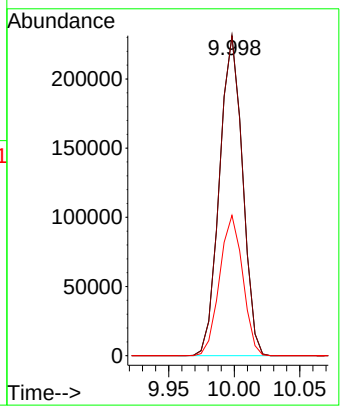


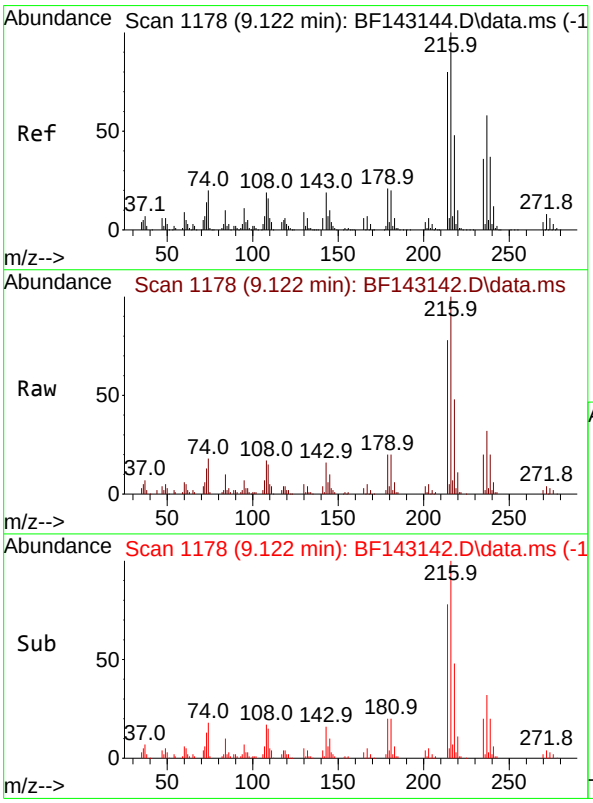

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:164 Resp: 282580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.8 | 79.0 | 118.6 |
| 160 | 43.9 | 35.1 | 52.7 |

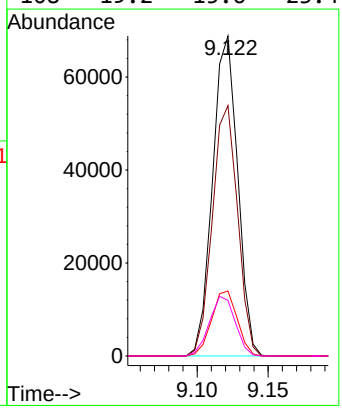


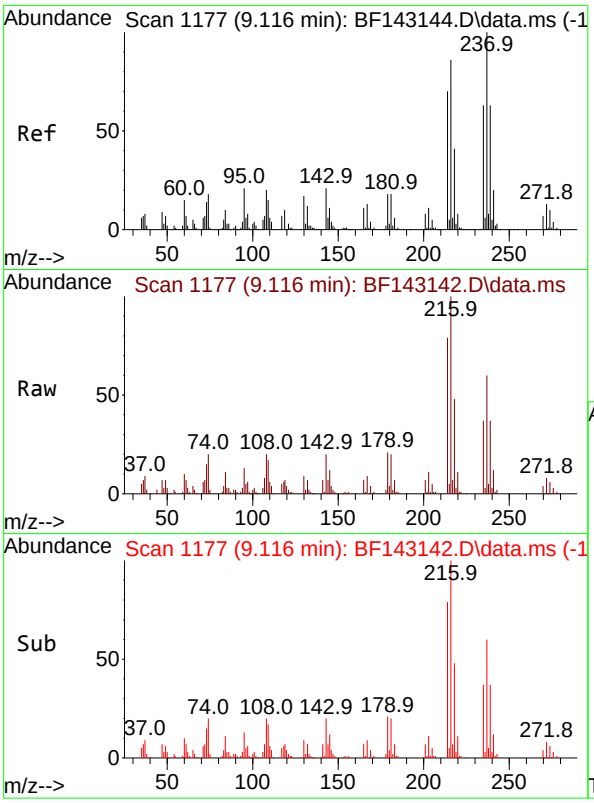




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.8 | 95.8 |
| 179 | 20.8 | 16.4 | 24.6 |
| 108 | 19.2 | 15.6 | 23.4 |



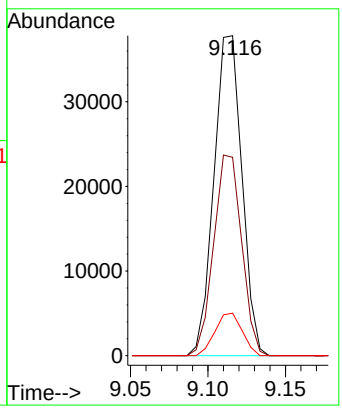


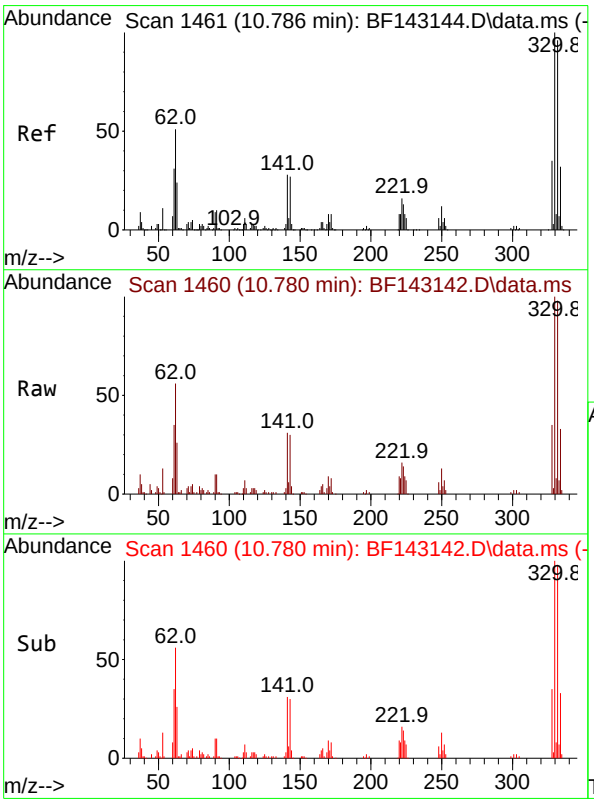

#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:237 Resp: 47577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.0 | 43.0 | 83.0 |
| 272 | 13.3 | 0.0 | 33.3 |

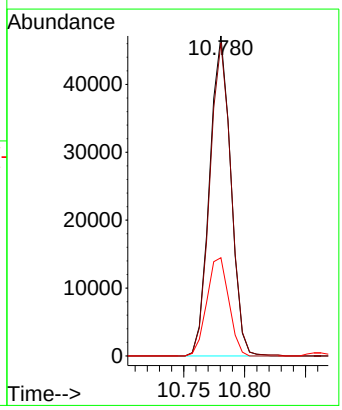


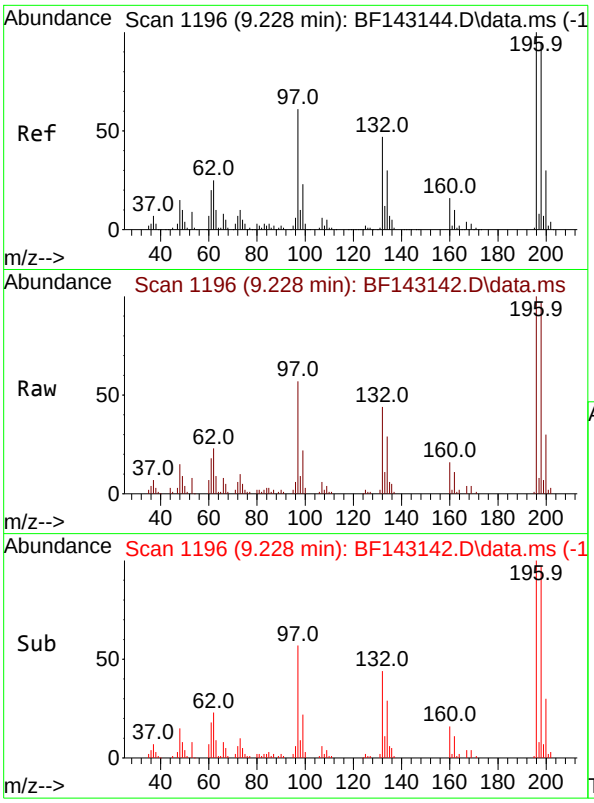




#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:330 Resp: 56961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 76.7 | 115.1 |
| 141 | 32.0 | 23.3 | 34.9 |



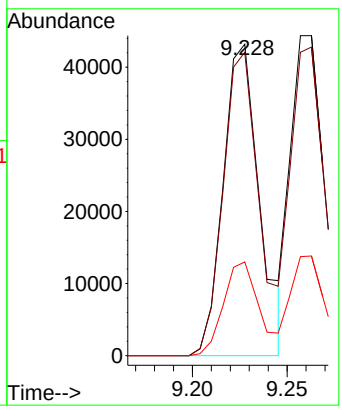


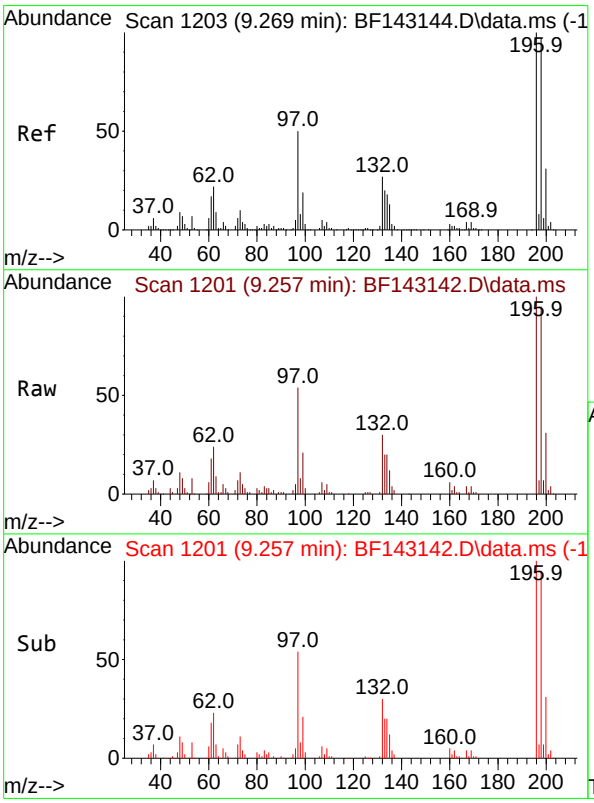

#43
2,4,6-Trichlorophenol
Concen: 10.165 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:196 Resp: 57396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.4 | 76.2 | 114.2 |
| 200 | 30.1 | 23.9 | 35.9 |

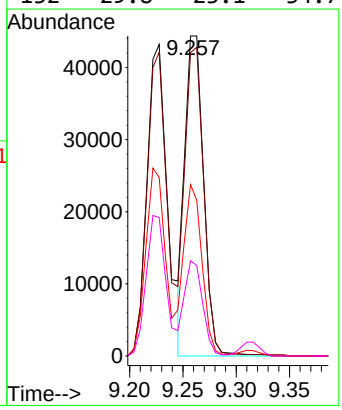


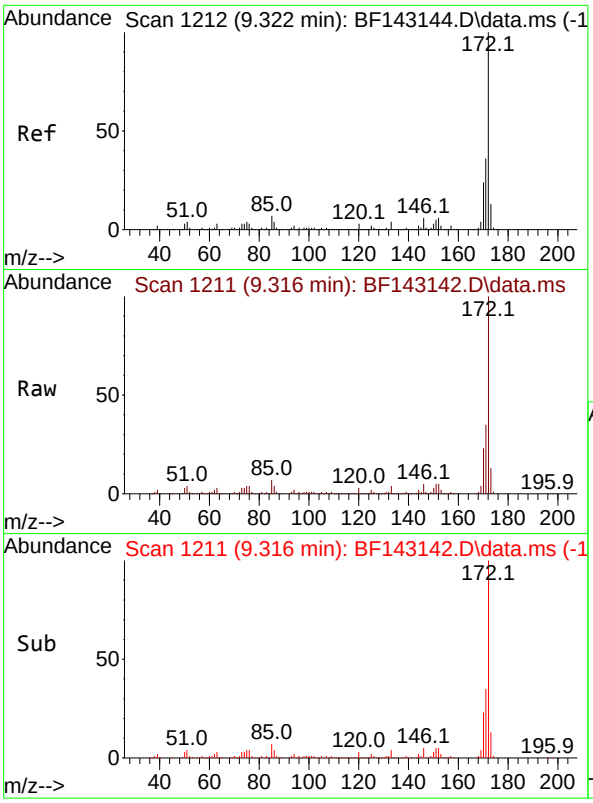




#44
2,4,5-Trichlorophenol
Concen: 9.688 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:196 Resp: 54716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 77.3 | 115.9 |
| 97 | 53.5 | 40.3 | 60.5 |
| 132 | 29.8 | 23.1 | 34.7 |



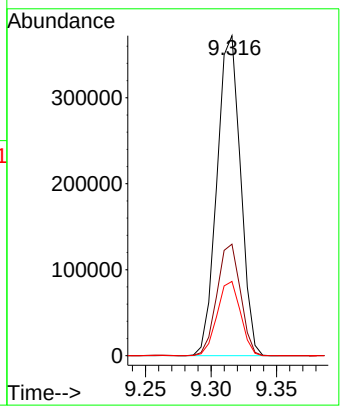


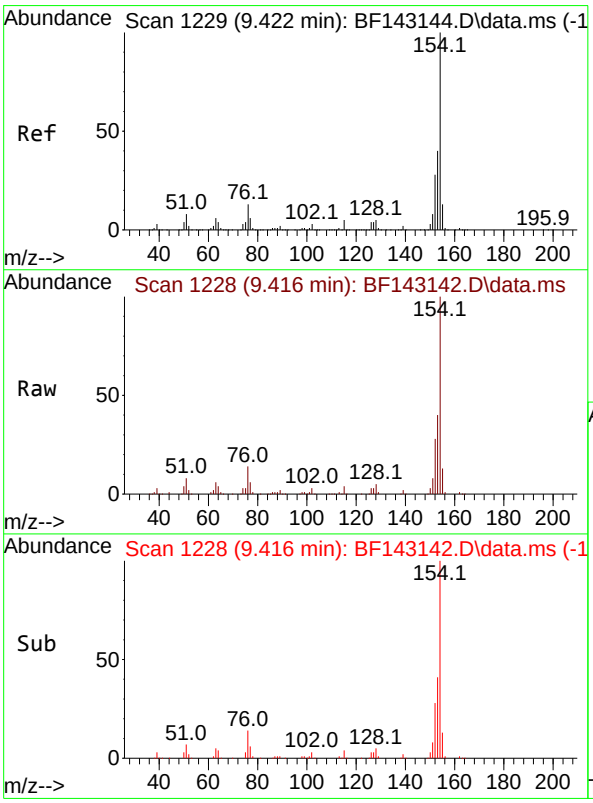

#45
2-Fluorobiphenyl
Concen: 22.489 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:172 Resp: 464669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.6 | 42.8 |
| 170 | 23.2 | 18.8 | 28.2 |

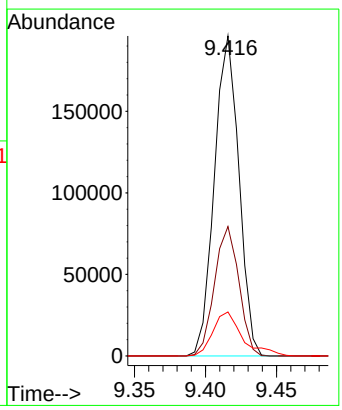


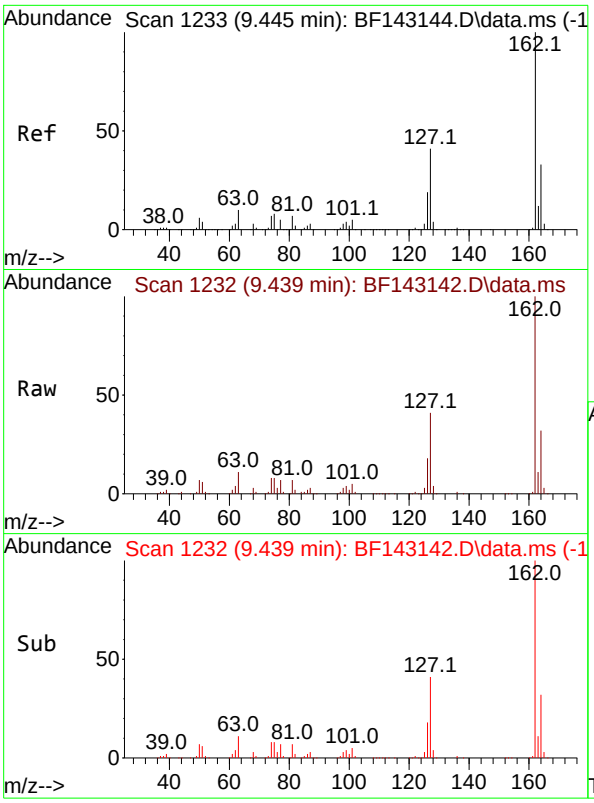




#46
1,1'-Biphenyl
Concen: 10.680 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 235467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |



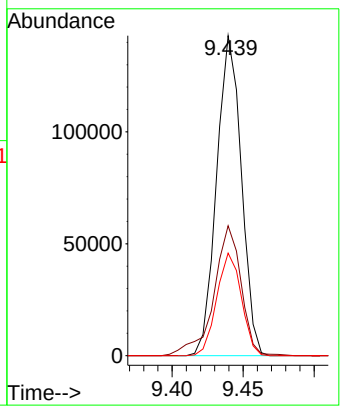


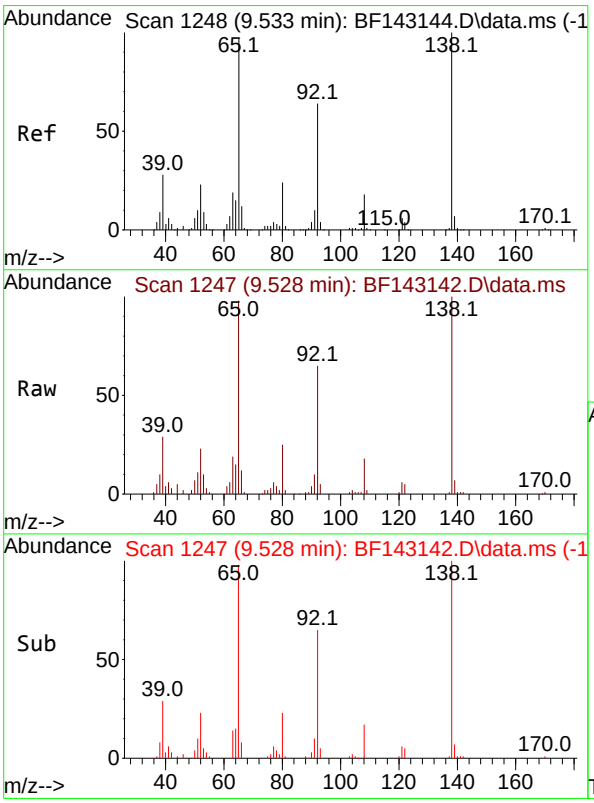

#47
2-Chloronaphthalene
Concen: 10.595 ng
RT: 9.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 172831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.6 | 33.4 | 50.2 |
| 164 | 32.0 | 26.2 | 39.2 |

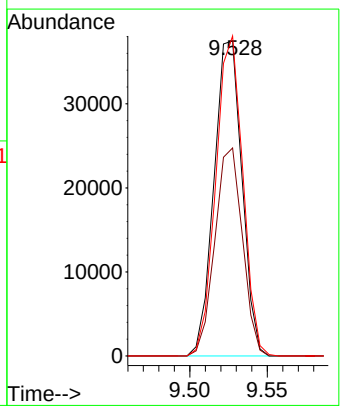


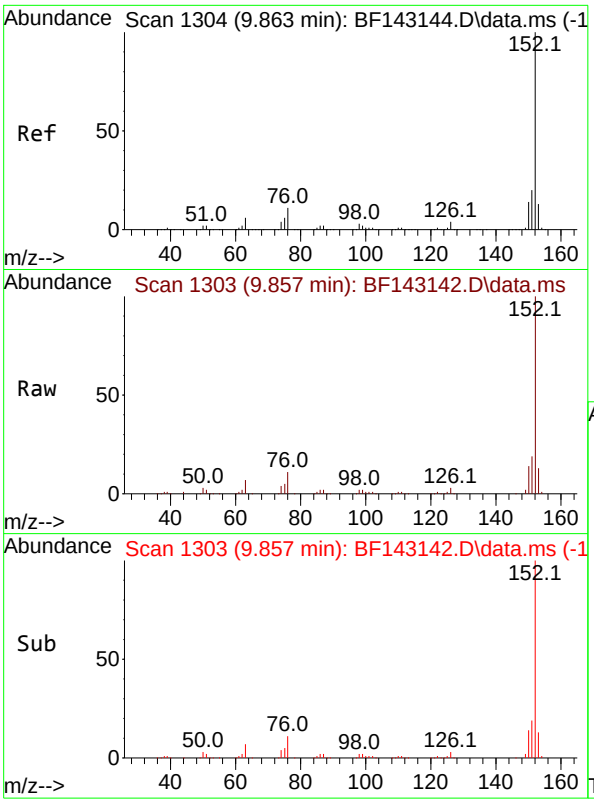




#48
2-Nitroaniline
Concen: 9.198 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 65 Resp: 47055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.0 | 52.4 | 78.6 |
| 138 | 101.6 | 82.3 | 123.5 |



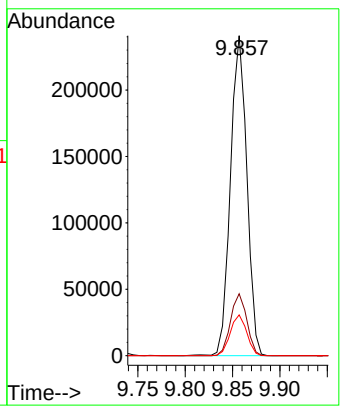


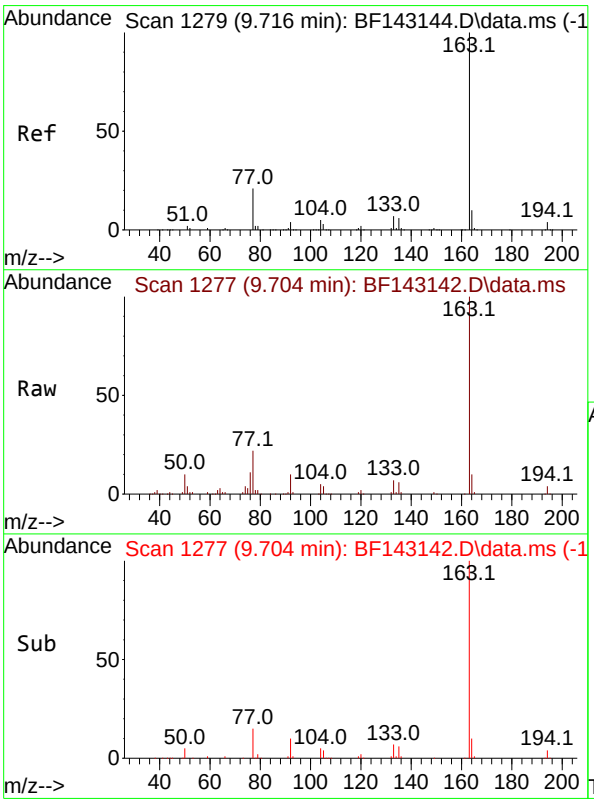

#49
Acenaphthylene
Concen: 10.607 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 289989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.2 | 24.2 |
| 153 | 12.8 | 10.6 | 16.0 |

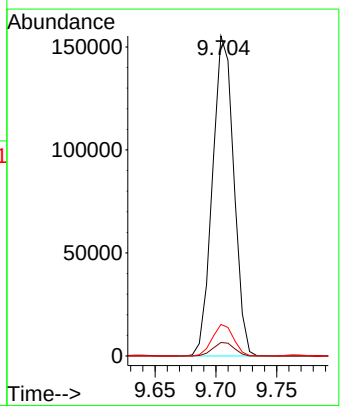


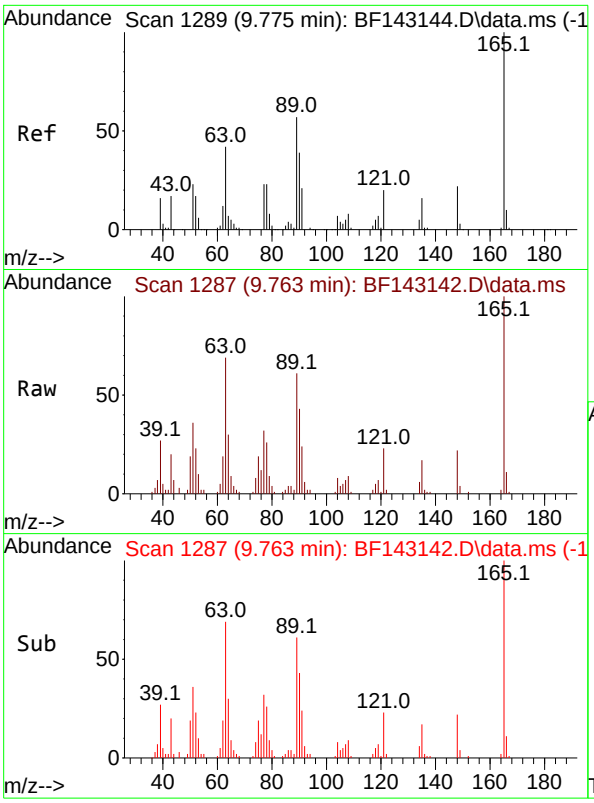




#50
Dimethylphthalate
Concen: 10.283 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:163 Resp: 189399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 9.9 | 8.3 | 12.5 |



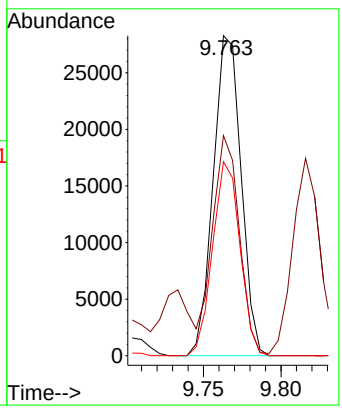


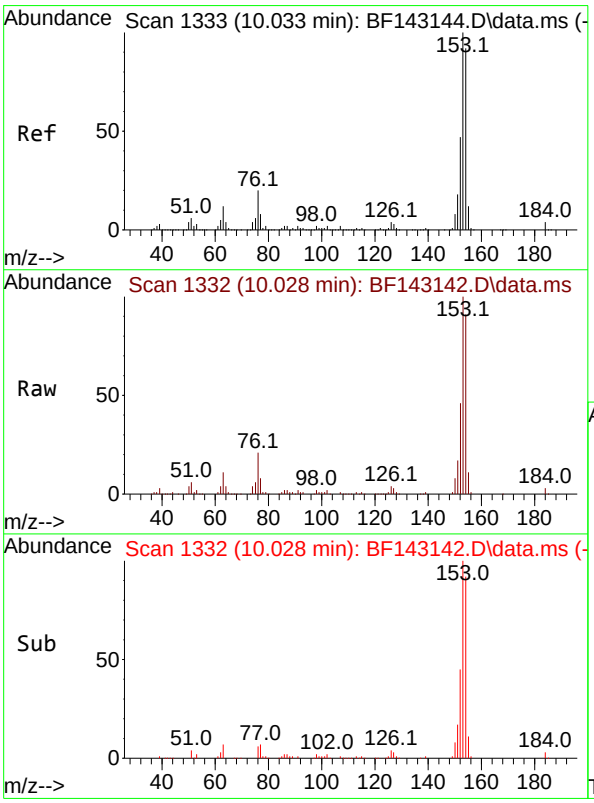

#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 35364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.8 | 49.4 | 74.2 |
| 89 | 60.6 | 46.2 | 69.2 |

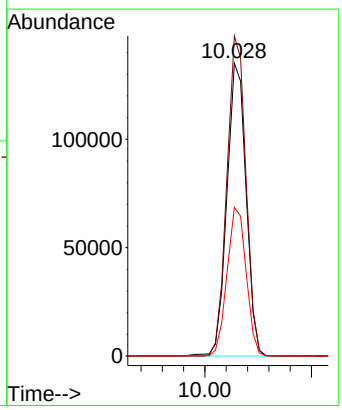


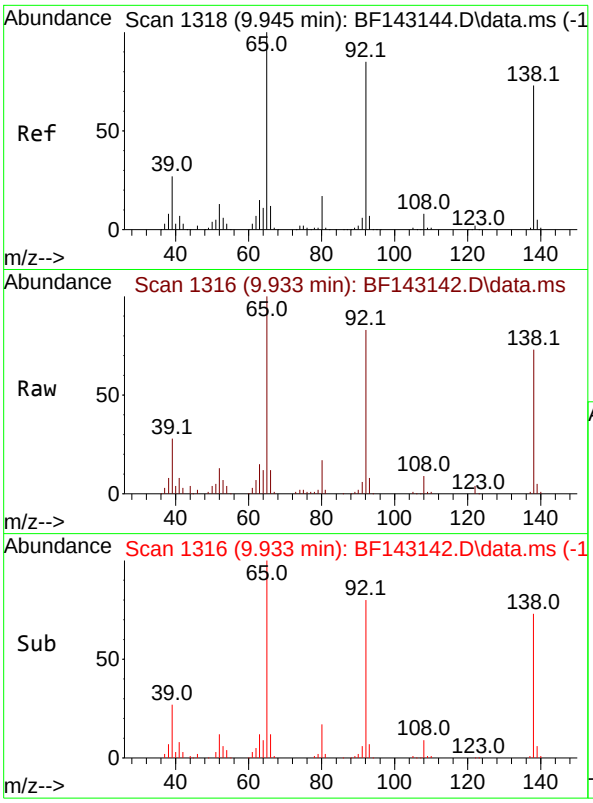




#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.3 | 86.6 | 129.8 |
| 152 | 50.8 | 40.4 | 60.6 |



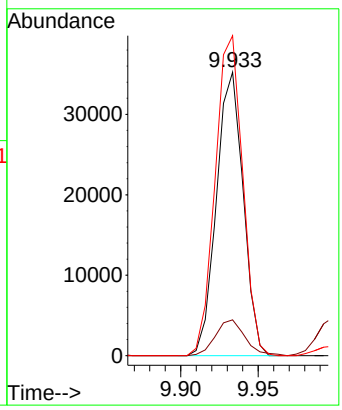


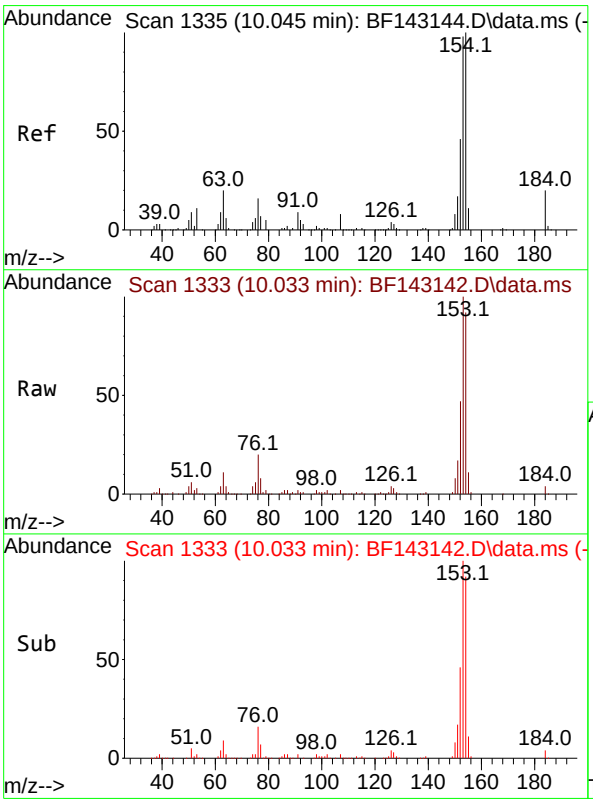

#53
3-Nitroaniline
Concen: 9.667 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:138 Resp: 42367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.7 | 9.0 | 13.6 |
| 92 | 112.9 | 93.0 | 139.4 |

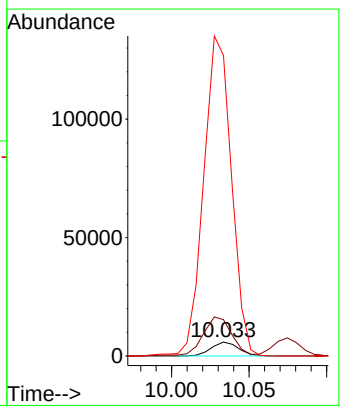


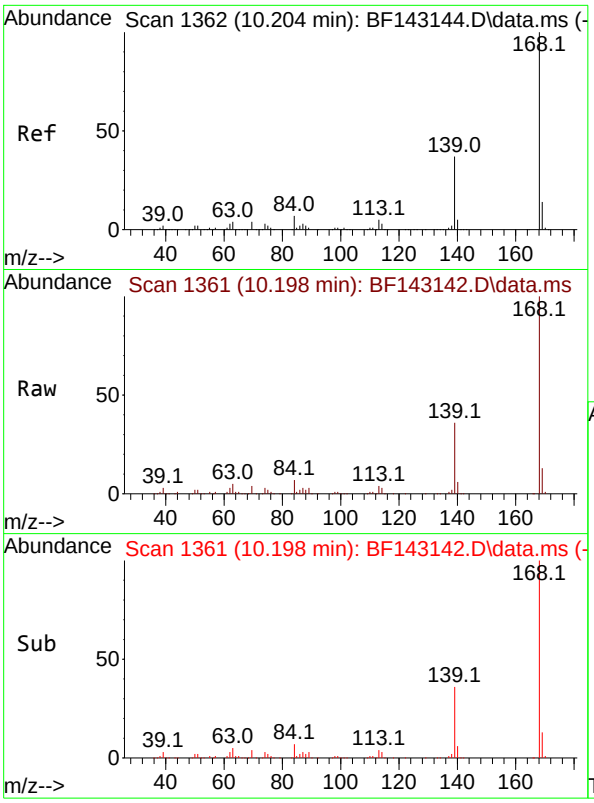




#54
2,4-Dinitrophenol
Concen: 10.522 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:184 Resp: 7147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 261.5 | 81.8 | 122.6# |
| 154 | 2164.9 | 412.2 | 618.4# |



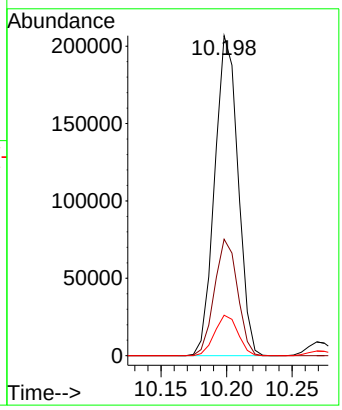


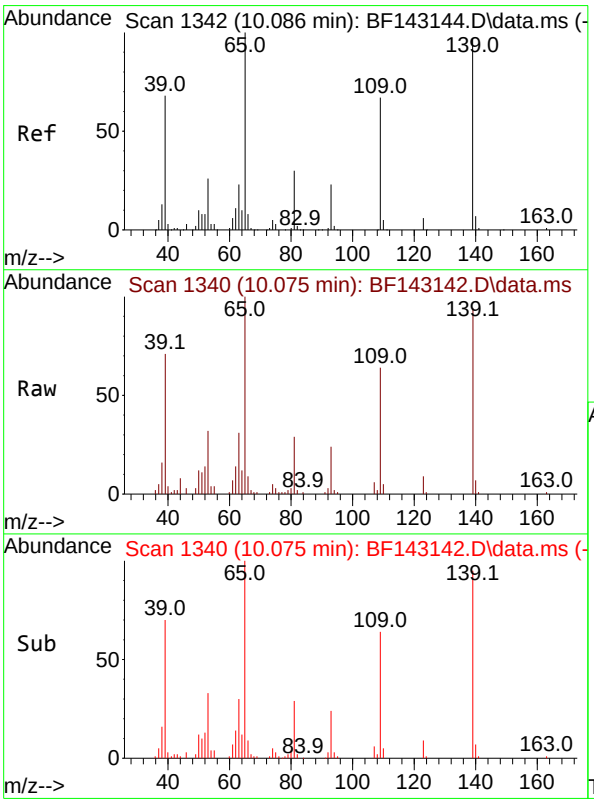

#55
Dibenzofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:168 Resp: 255272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 29.5 | 44.3 |
| 169 | 12.7 | 10.9 | 16.3 |

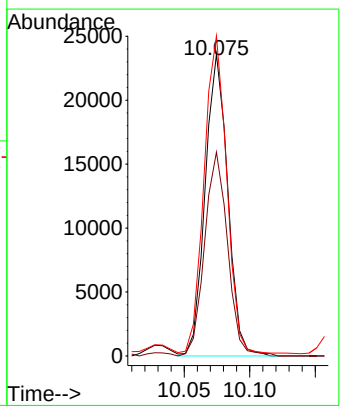


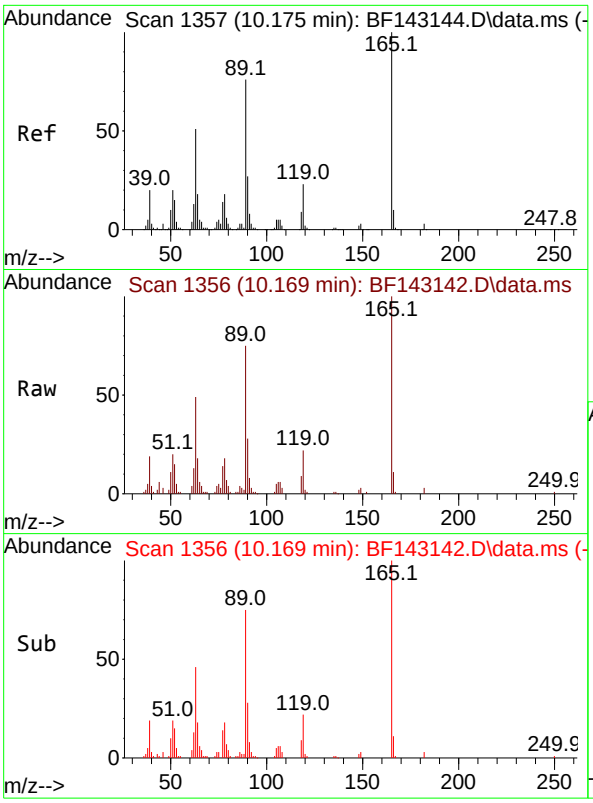




#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 28233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.5 | 48.5 | 88.5 |
| 65 | 106.0 | 83.4 | 123.4 |



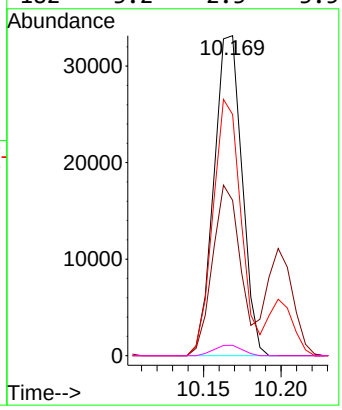


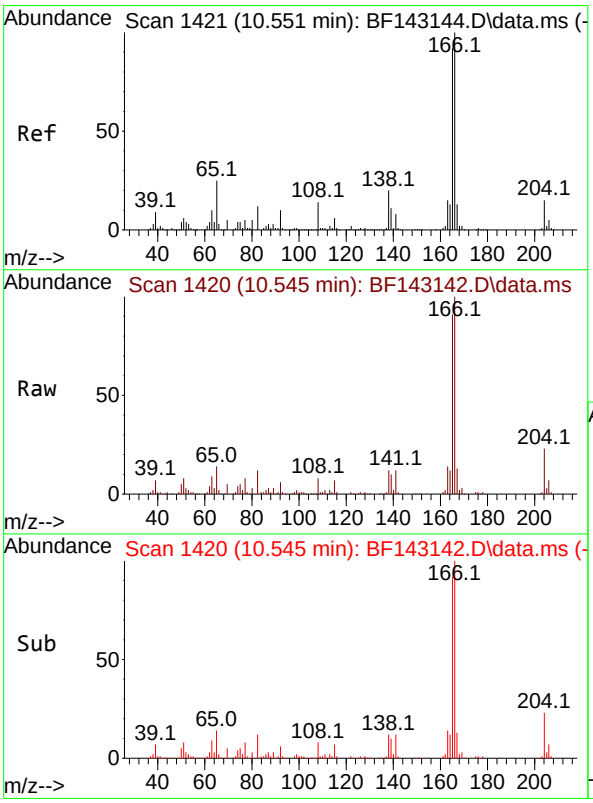

#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 41815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.5 | 41.0 | 61.4 |
| 89 | 75.4 | 61.1 | 91.7 |
| 182 | 3.2 | 2.3 | 3.5 |

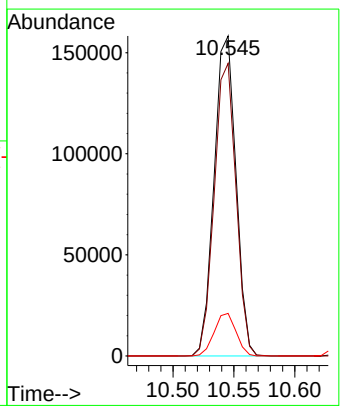


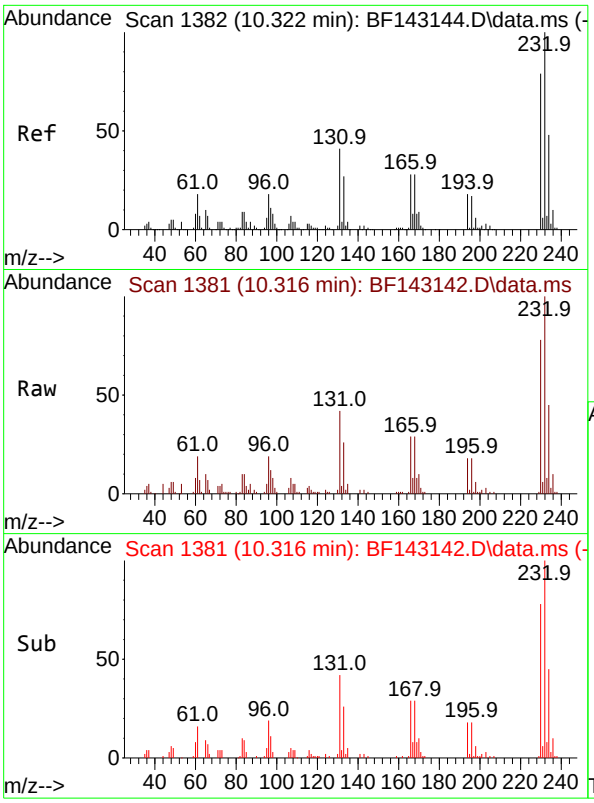




#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:166 Resp: 198041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.4 | 73.7 | 110.5 |
| 167 | 13.3 | 10.6 | 16.0 |



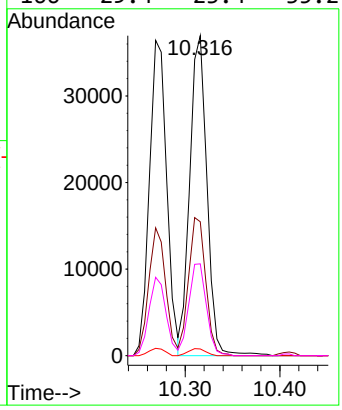


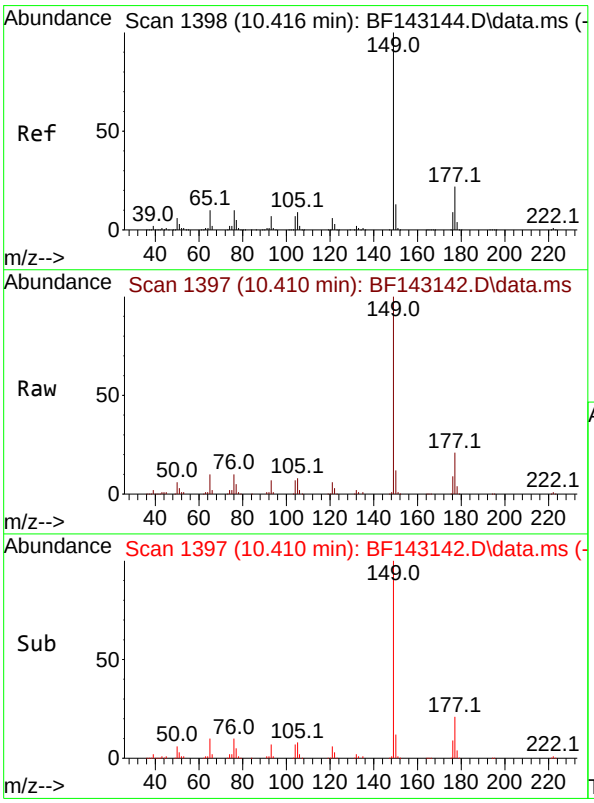

#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:232 Resp: 46720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 35.3 | 52.9 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 29.4 | 23.4 | 35.2 |

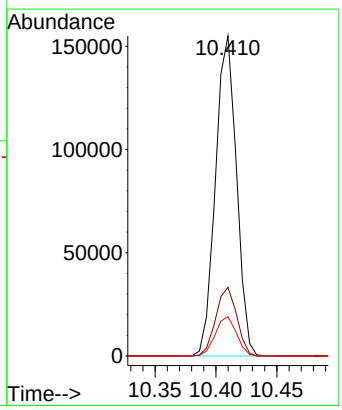


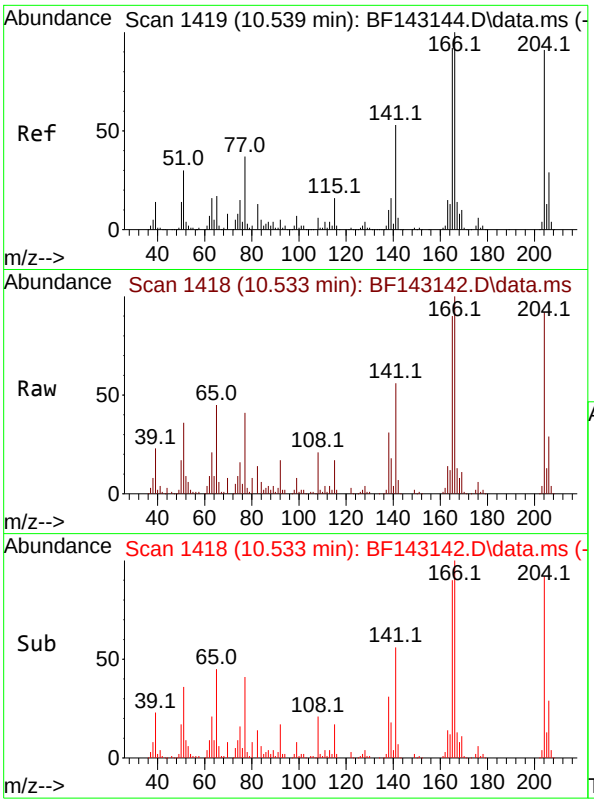




#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 186802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 17.5 | 26.3 |
| 150 | 12.3 | 10.2 | 15.2 |



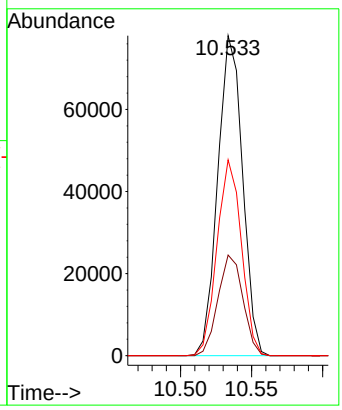


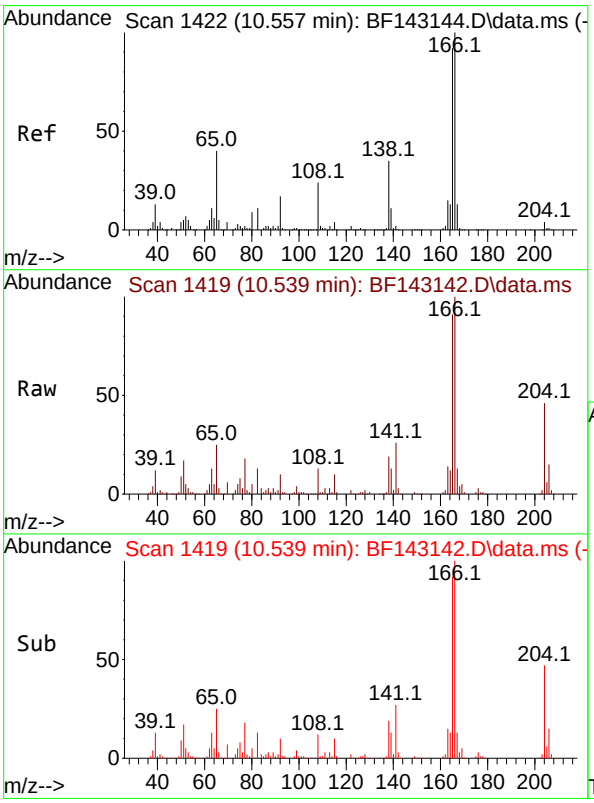

#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:204 Resp: 94685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.4 | 25.8 | 38.8 |
| 141 | 61.2 | 47.0 | 70.4 |

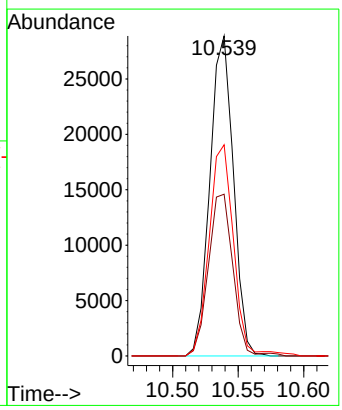


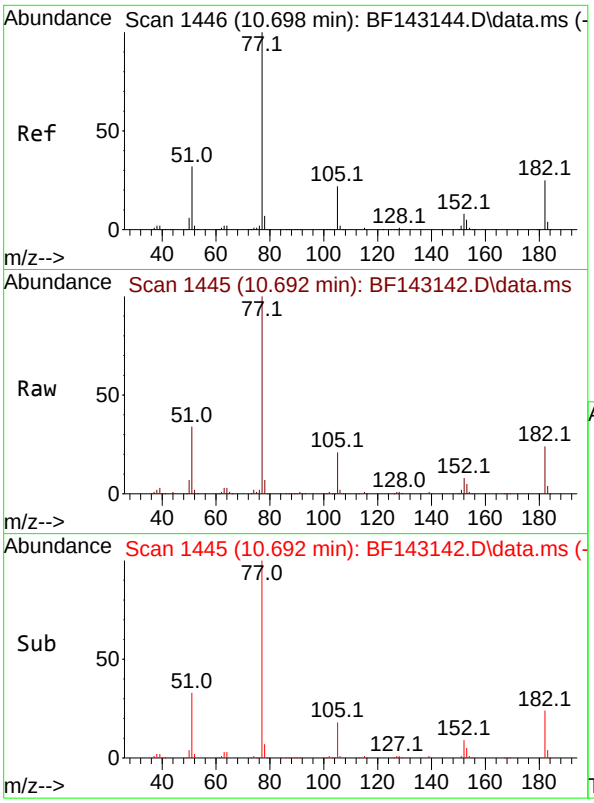




#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:138 Resp: 35962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.5 | 29.3 | 69.3 |
| 108 | 66.0 | 48.3 | 88.3 |



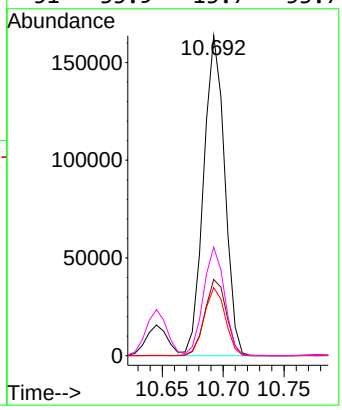


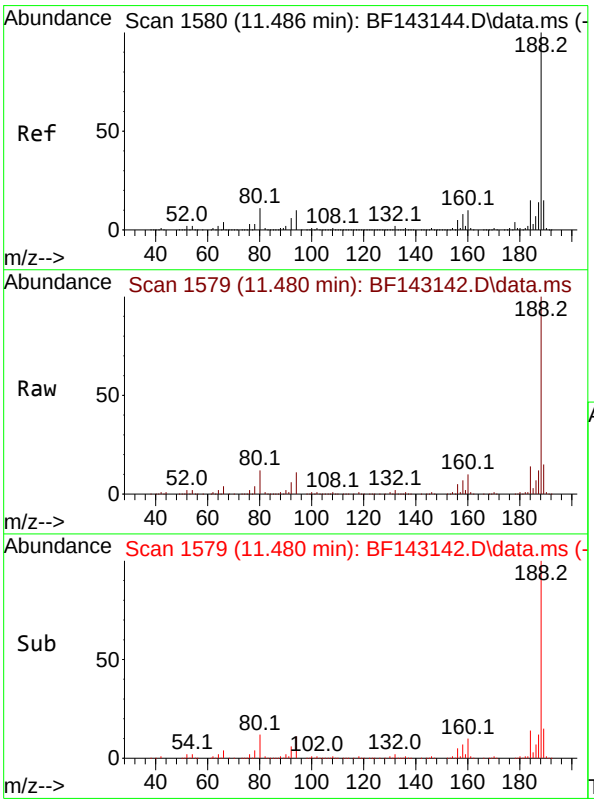

#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 197998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.8 | 4.6 | 44.6 |
| 105 | 21.2 | 1.4 | 41.4 |
| 51 | 33.9 | 13.7 | 53.7 |

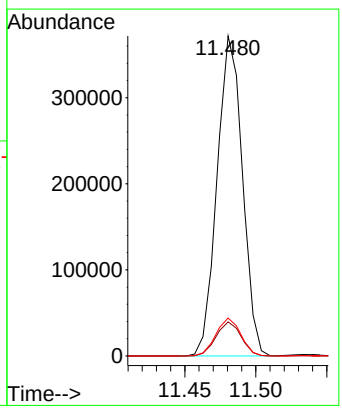


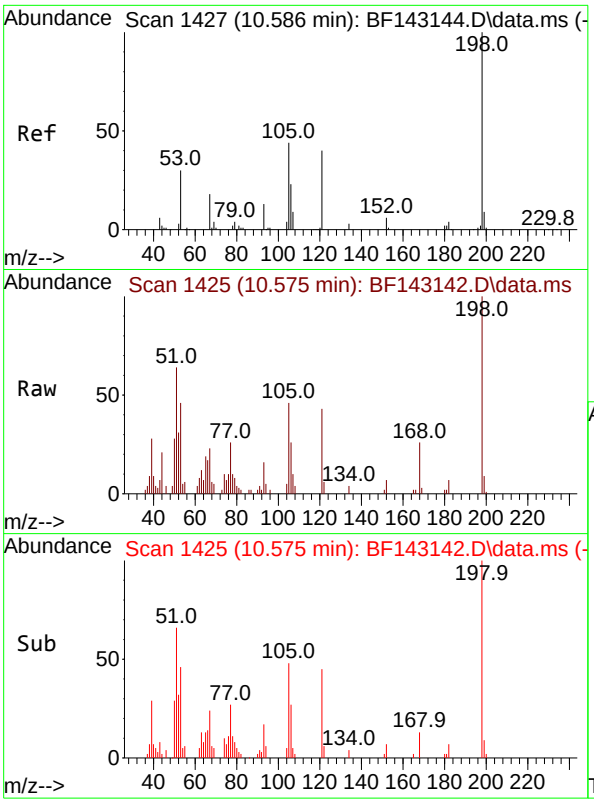




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:188 Resp: 461255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 8.3 | 12.5 |
| 80 | 11.8 | 9.0 | 13.6 |



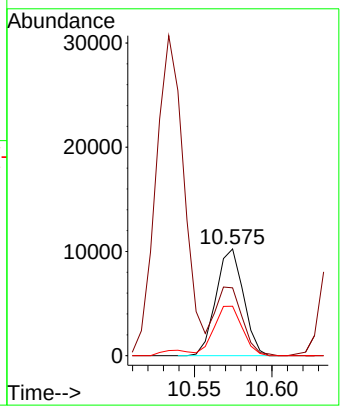


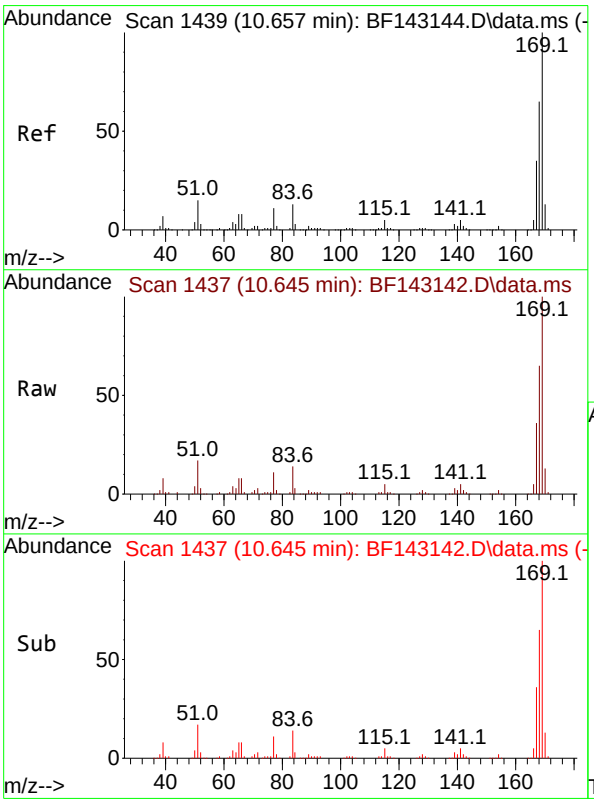

#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:198 Resp: 12541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 63.6 | 37.2 | 77.2 |
| 105 | 46.4 | 24.8 | 64.8 |

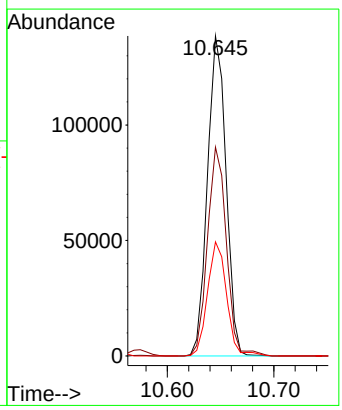


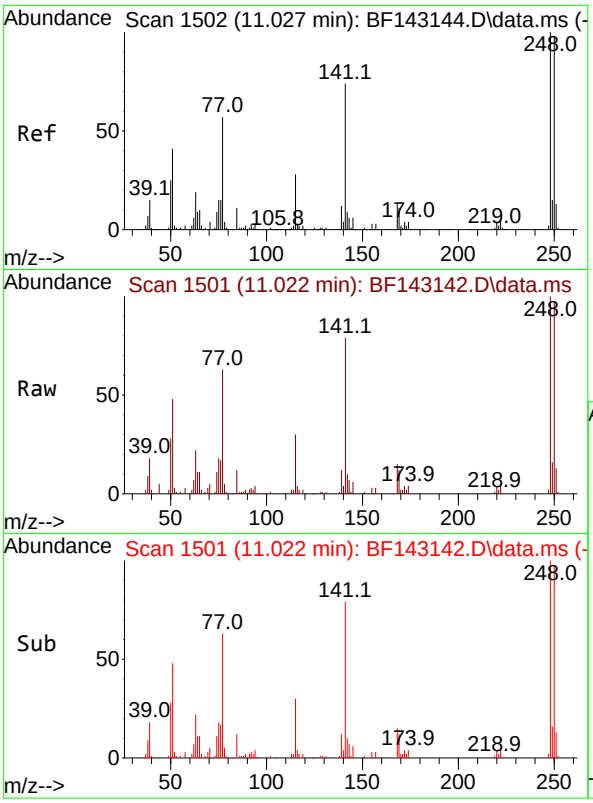




#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:169 Resp: 167901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 52.1 | 78.1 |
| 167 | 35.6 | 28.2 | 42.2 |



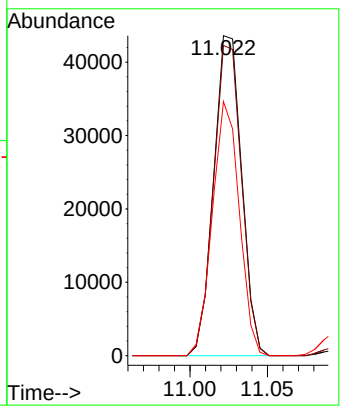


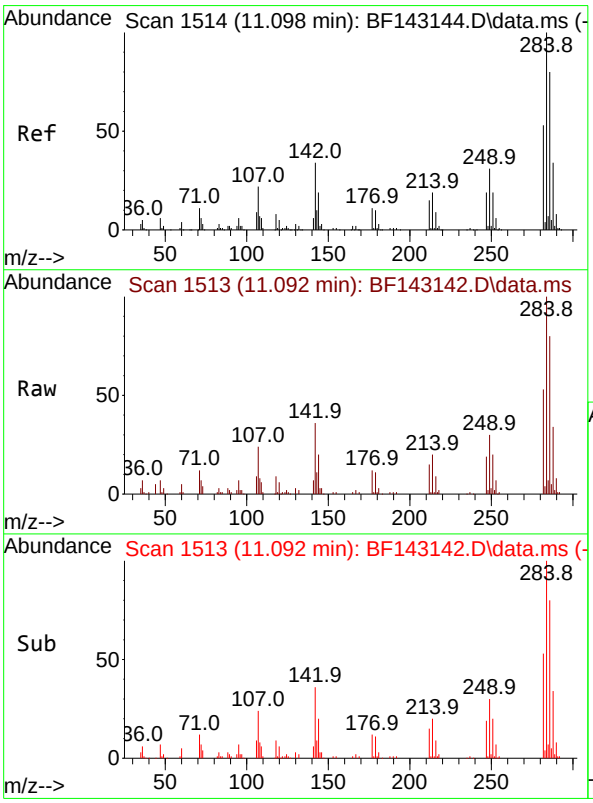

#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:248 Resp: 54849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.0 | 78.3 | 117.5 |
| 141 | 79.4 | 59.2 | 88.8 |

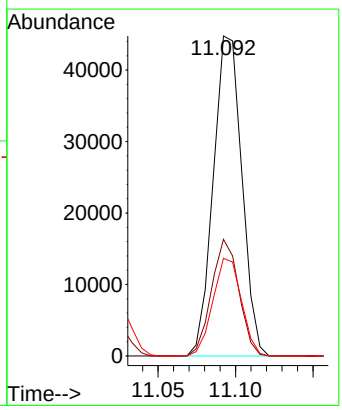


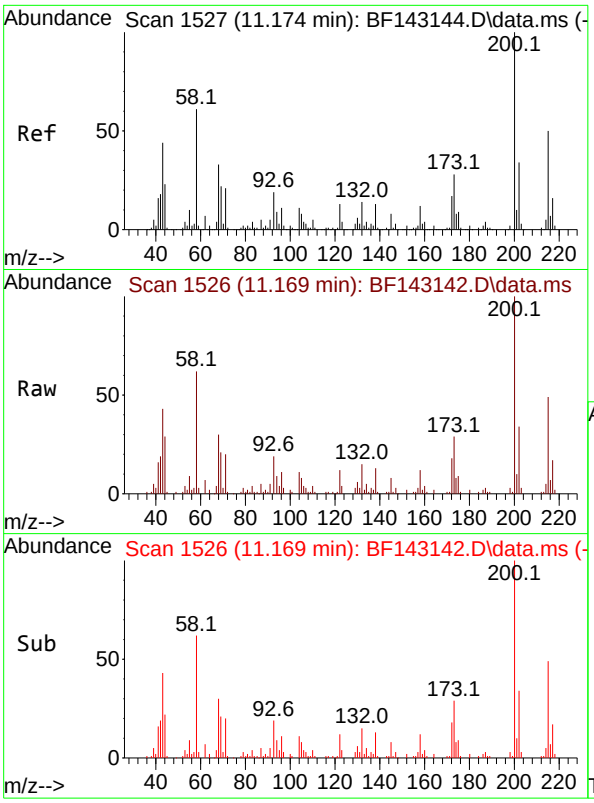




#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:284 Resp: 57305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.4 | 27.0 | 40.6 |
| 249 | 30.5 | 25.0 | 37.6 |



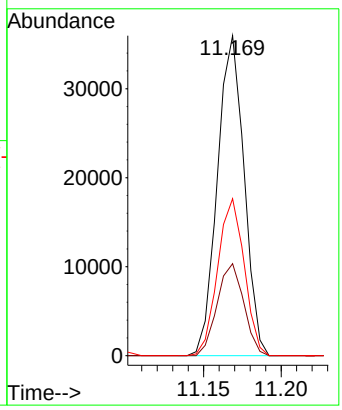


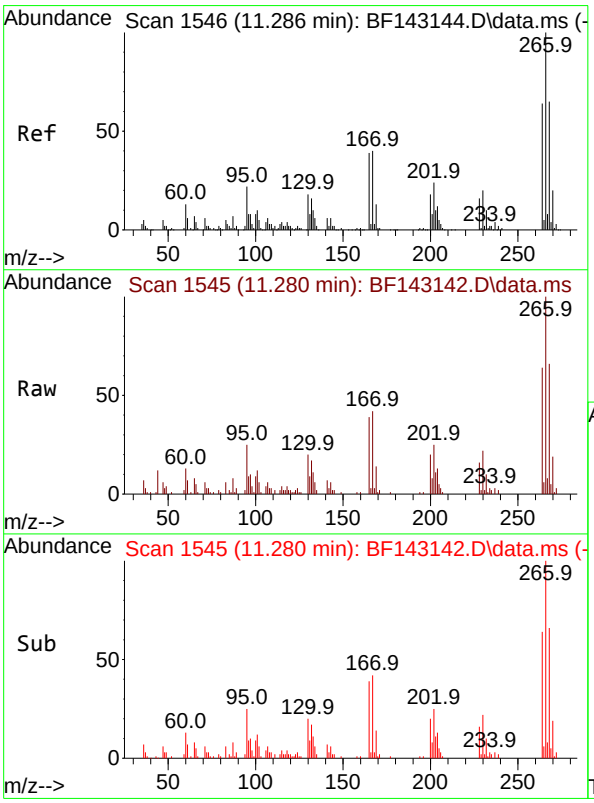

#69
Atrazine
Concen: 9.613 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:200 Resp: 43045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.7 | 7.9 | 47.9 |
| 215 | 49.1 | 30.1 | 70.1 |

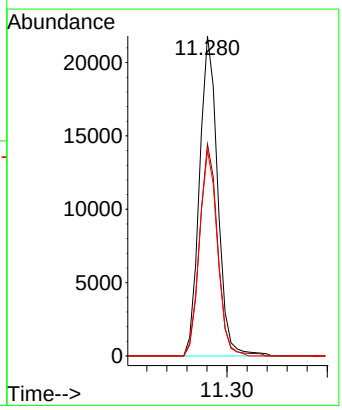


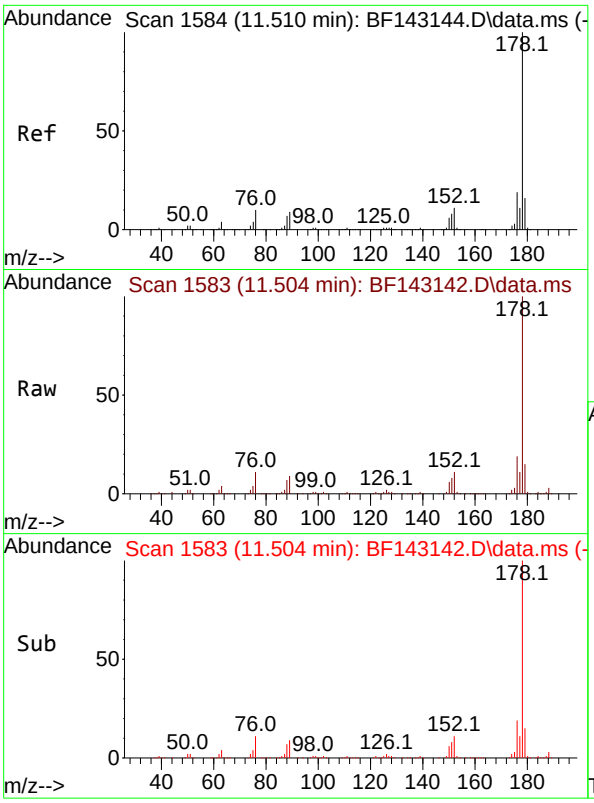




#70
Pentachlorophenol
Concen: 8.148 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:266 Resp: 27529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.2 | 51.9 | 77.9 |
| 264 | 64.3 | 51.0 | 76.6 |



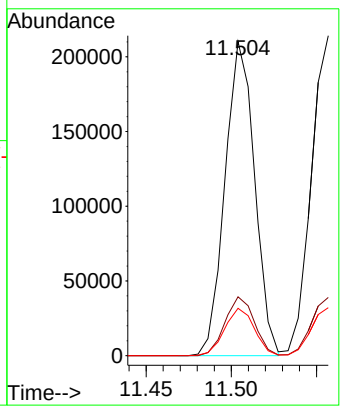


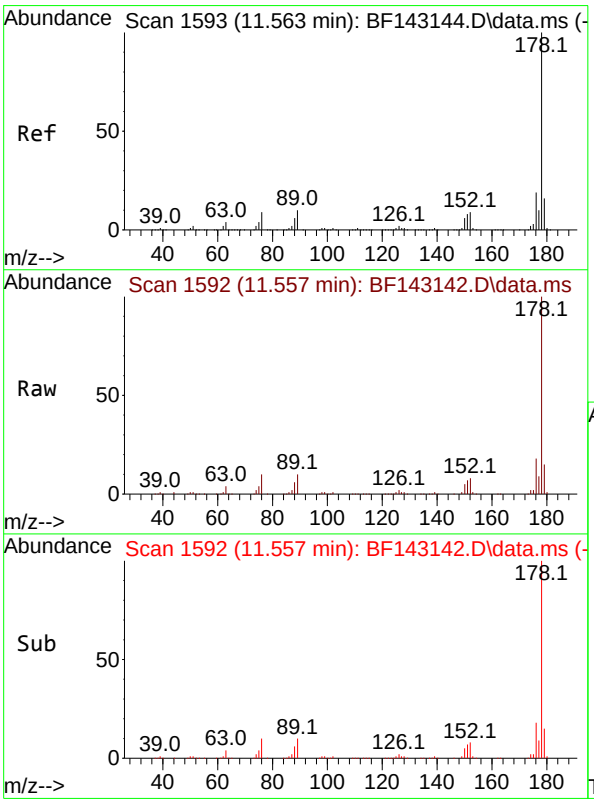

#71
Phenanthrene
Concen: 10.361 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:178 Resp: 253750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.3 | 22.9 |
| 179 | 15.1 | 12.5 | 18.7 |

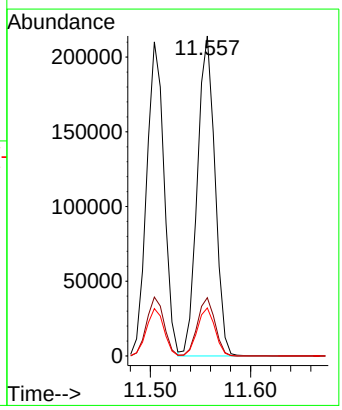


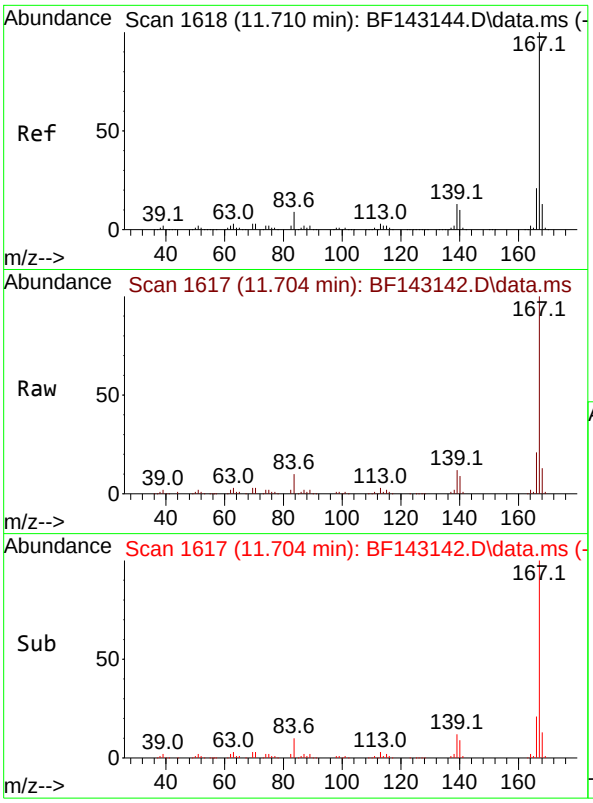




#72
Anthracene
Concen: 10.487 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:178 Resp: 261960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 15.0 | 22.4 |
| 179 | 15.0 | 12.5 | 18.7 |



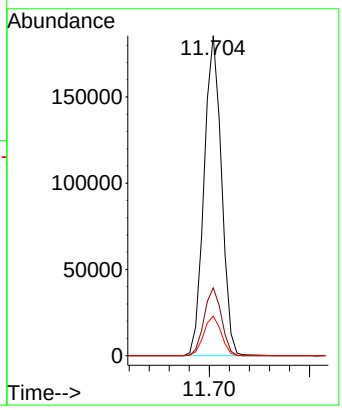


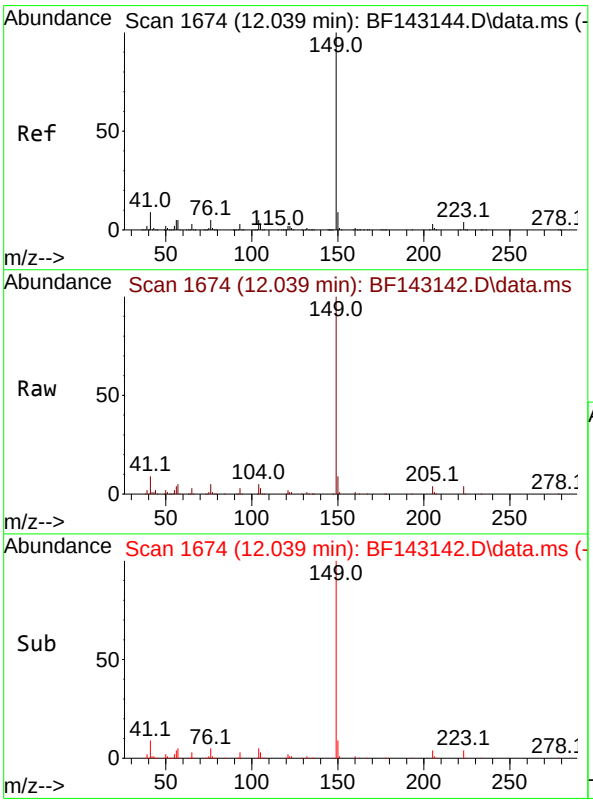

#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:167 Resp: 223376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.4 | 10.0 | 15.0 |

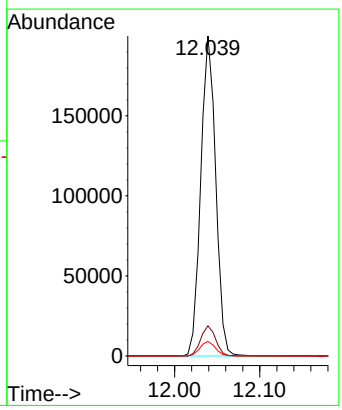


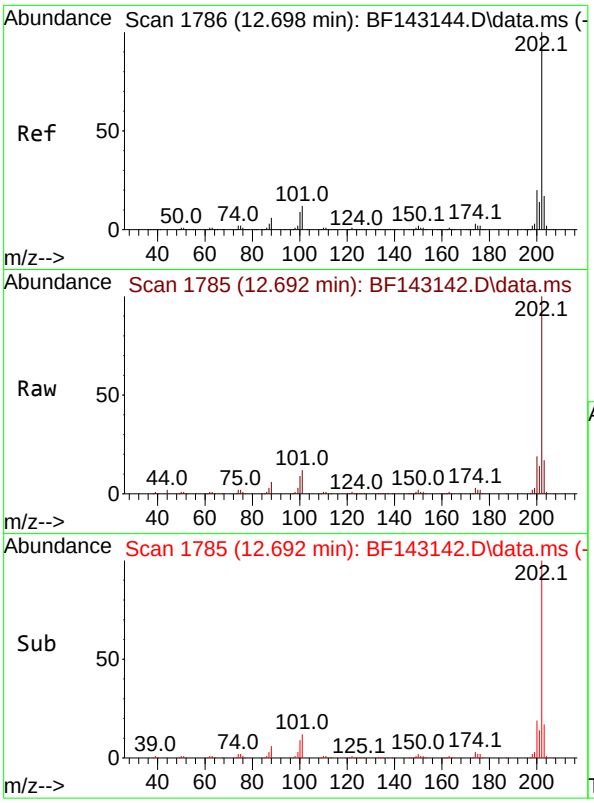




#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 243142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.2 |
| 104 | 4.6 | 3.8 | 5.8 |



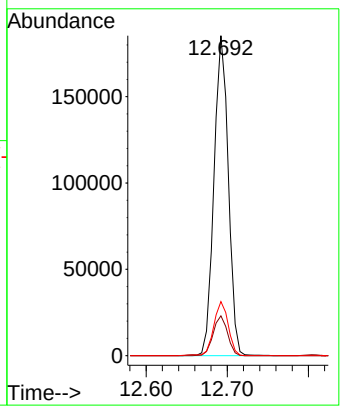


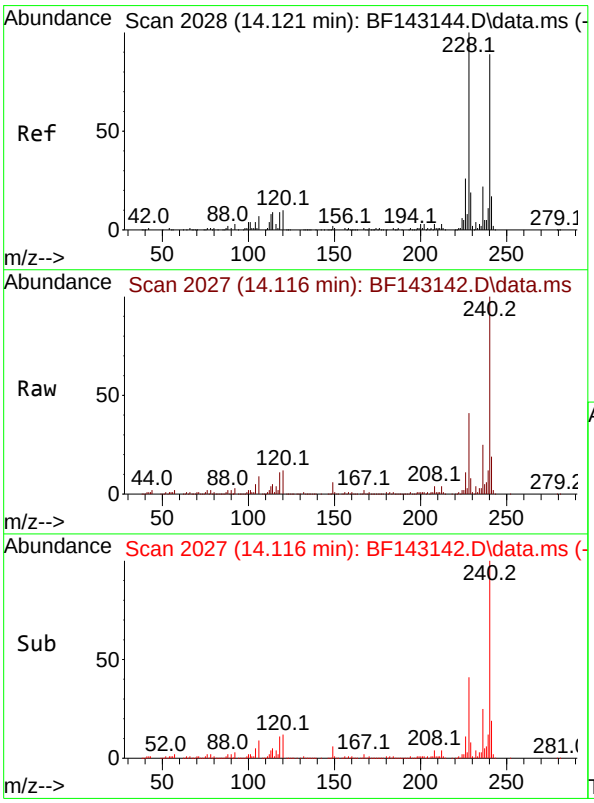

#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:202 Resp: 227701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 31.7 |
| 203 | 16.9 | 0.0 | 37.4 |

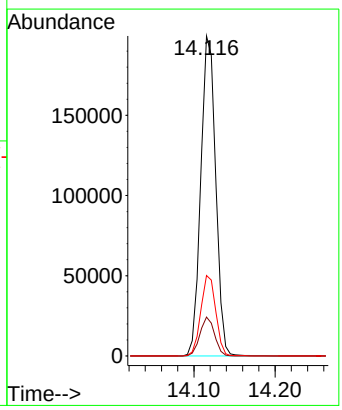


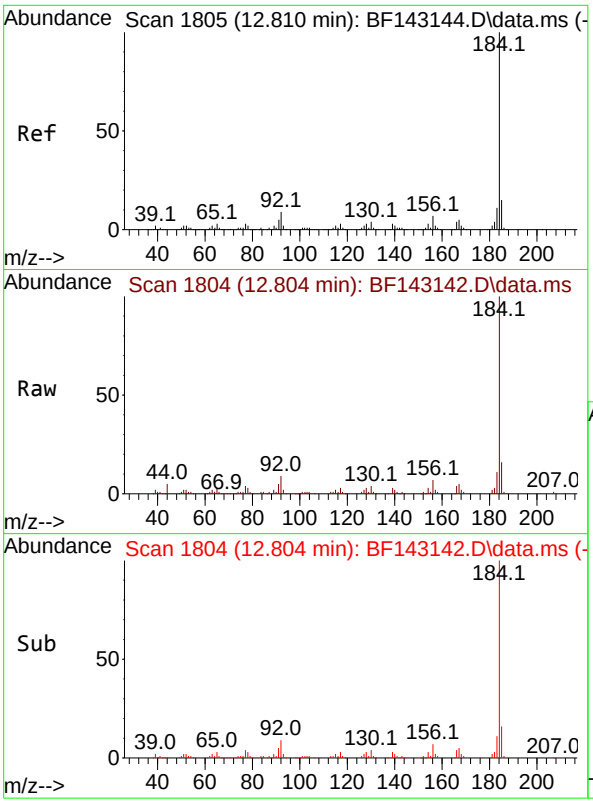




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:240 Resp: 254650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.4 | 14.2 |
| 236 | 25.1 | 20.2 | 30.4 |



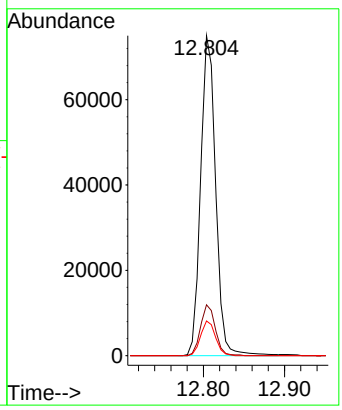


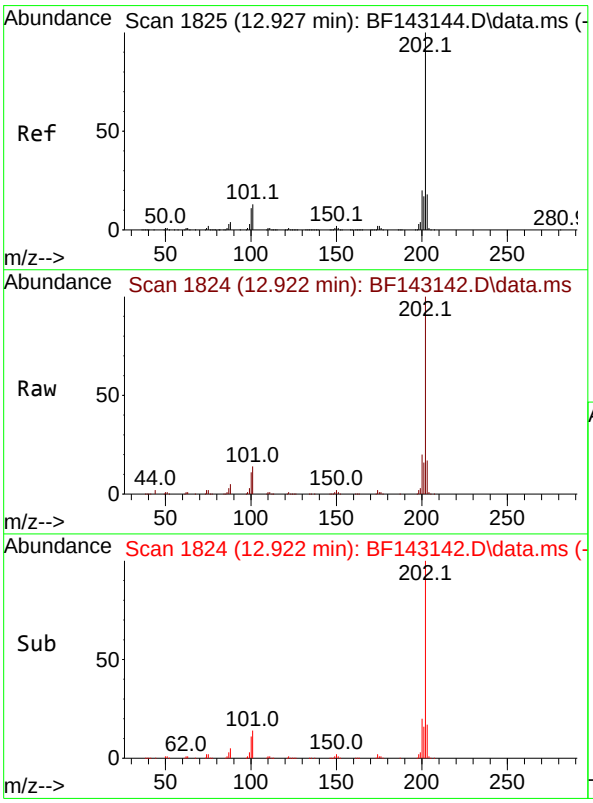

#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:184 Resp: 96484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.9 | 12.2 | 18.4 |
| 183 | 10.9 | 9.0 | 13.4 |

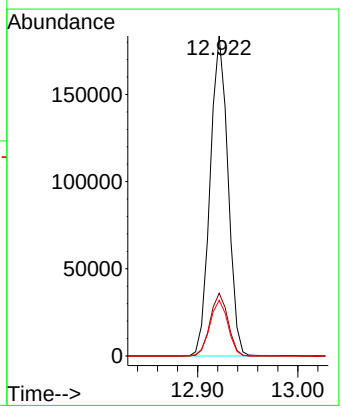


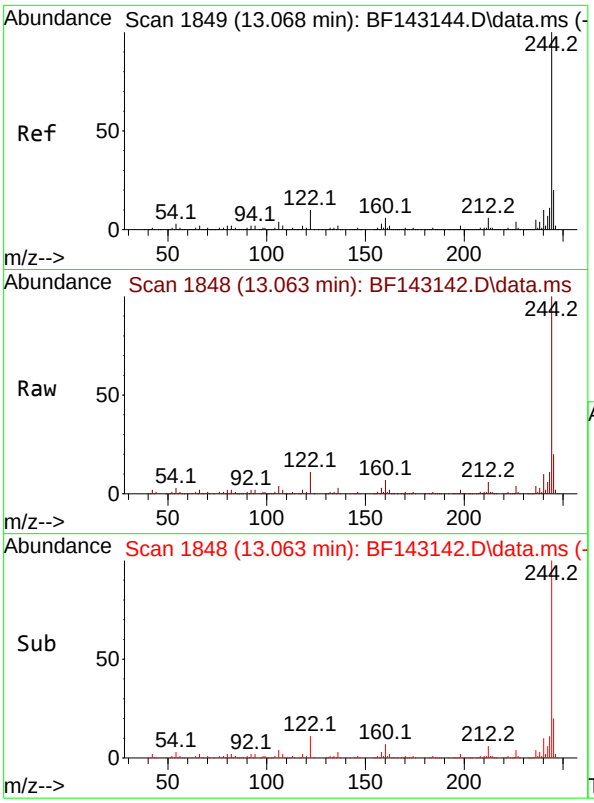




#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.6 | 15.7 | 23.5 |
| 203 | 17.4 | 14.2 | 21.2 |



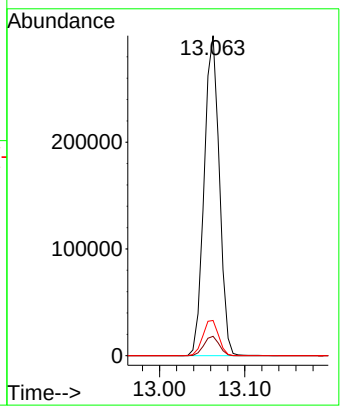


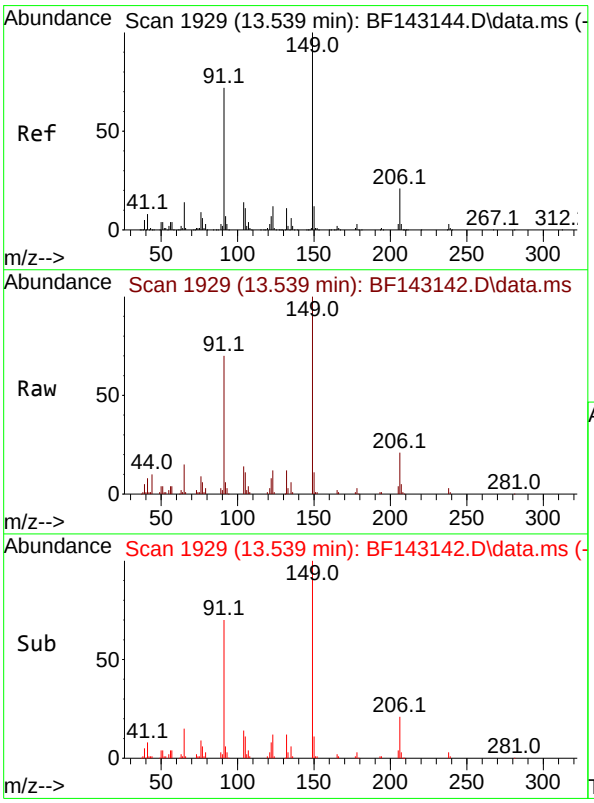

#79
Terphenyl-d14
Concen: 21.669 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:244 Resp: 370808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.2 | 7.8 |
| 122 | 11.0 | 8.2 | 12.2 |

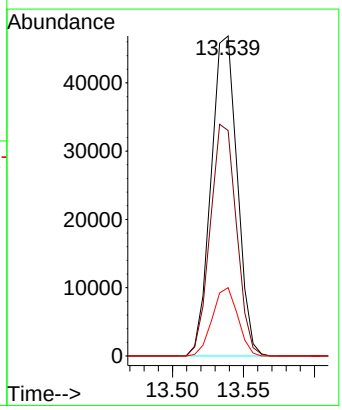


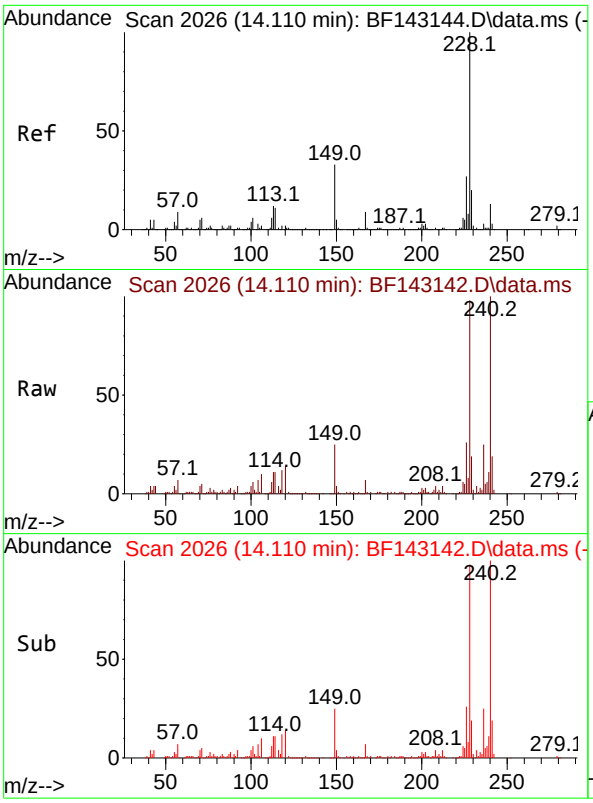




#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 60055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.4 | 57.9 | 86.9 |
| 206 | 21.3 | 17.0 | 25.4 |



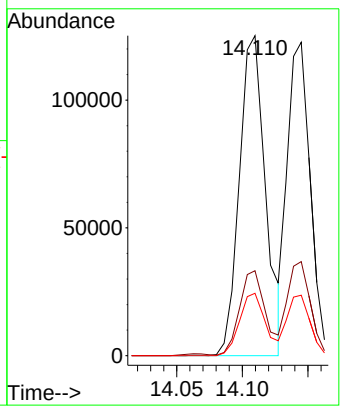


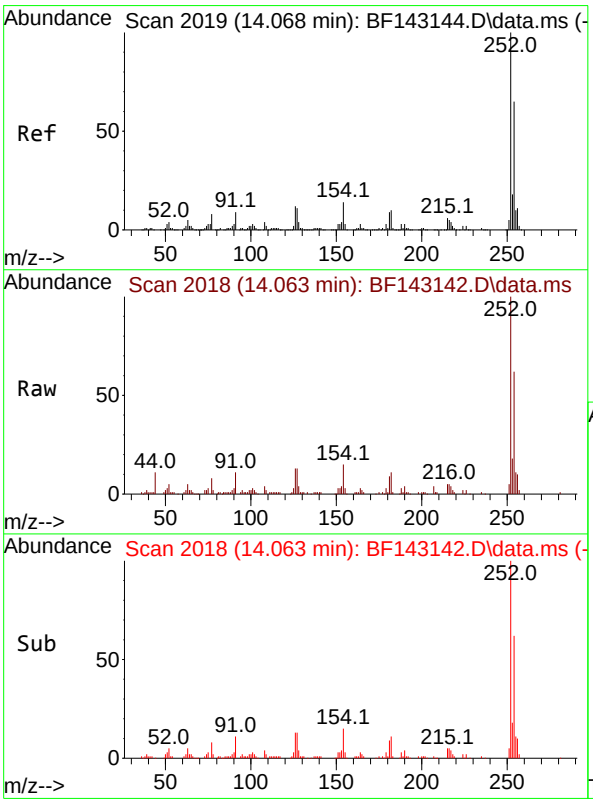

#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 174020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.5 | 15.8 | 23.6 |

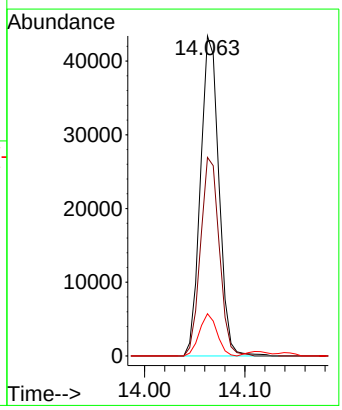


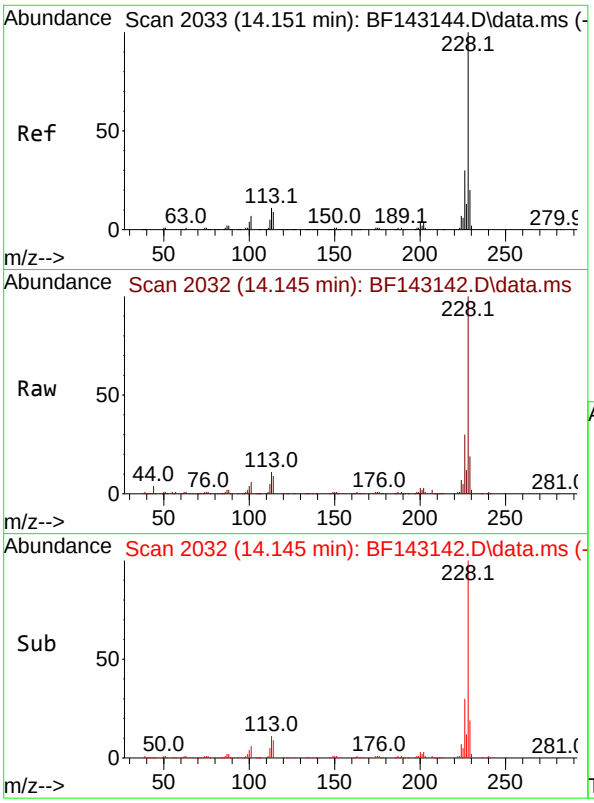




#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.0 | 51.7 | 77.5 |
| 126 | 13.2 | 9.4 | 14.0 |



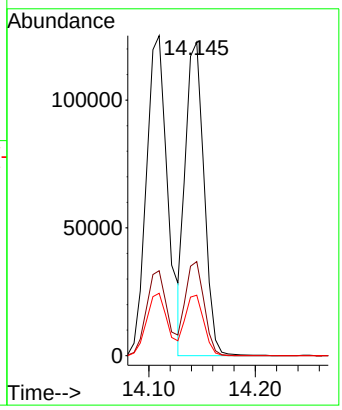


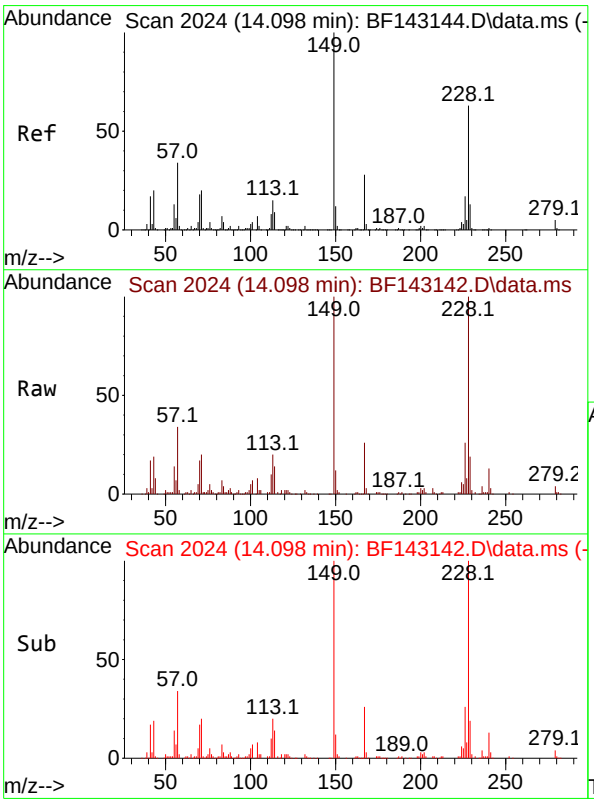

#83
Chrysene
Concen: 9.750 ng
RT: 14.145 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 149446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.8 | 35.8 |
| 229 | 19.3 | 15.6 | 23.4 |

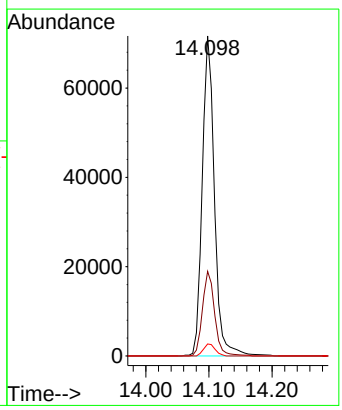


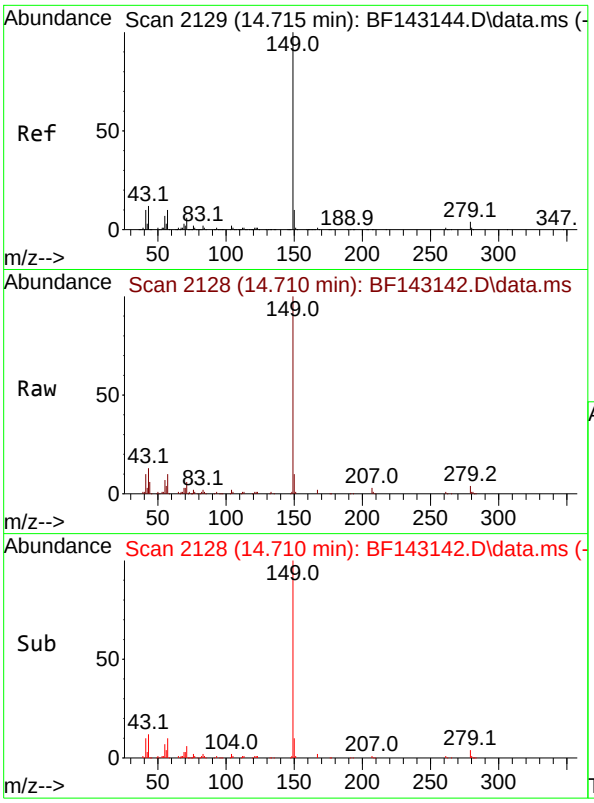




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:149 Resp: 96191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 22.3 | 33.5 |
| 279 | 3.7 | 3.6 | 5.4 |



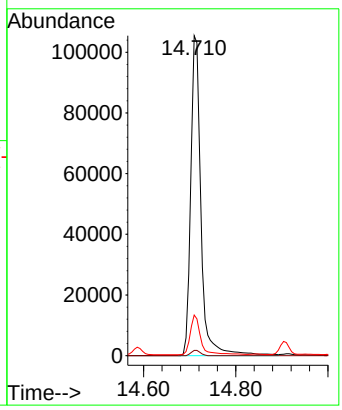


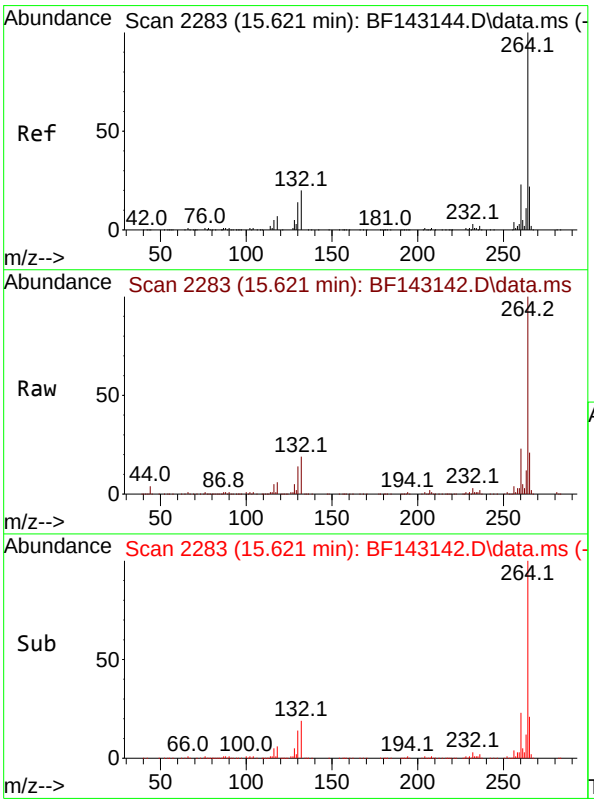

#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:149 Resp: 162156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.7 | 9.7 | 14.5 |

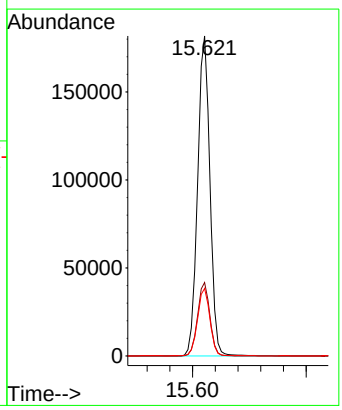


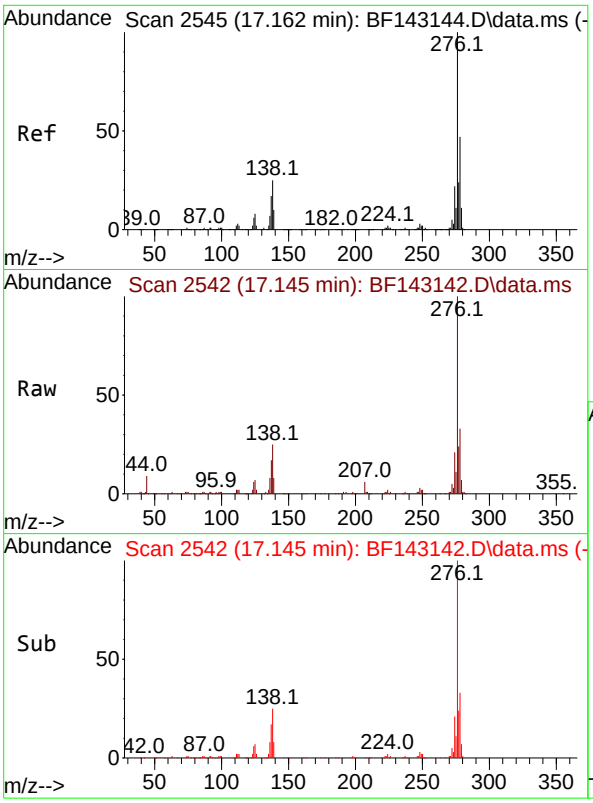




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:264 Resp: 273706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 18.5 | 27.7 |
| 265 | 21.1 | 17.4 | 26.2 |



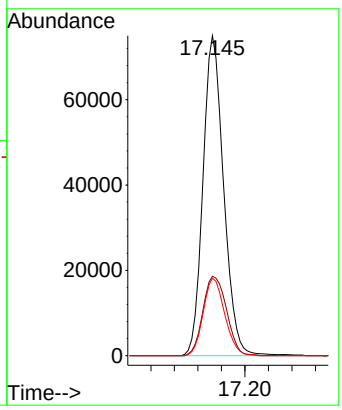


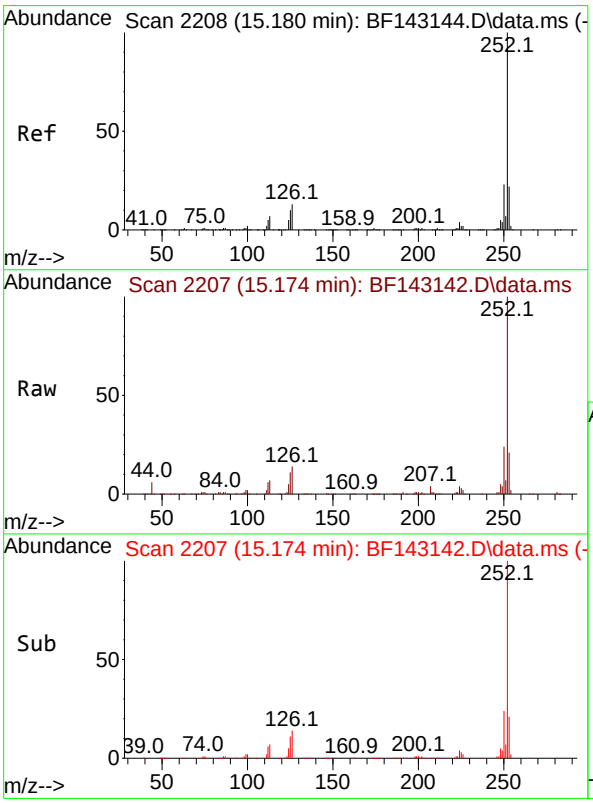

#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:276 Resp: 182869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.3 | 21.8 | 32.6 |
| 277 | 25.1 | 20.0 | 30.0 |

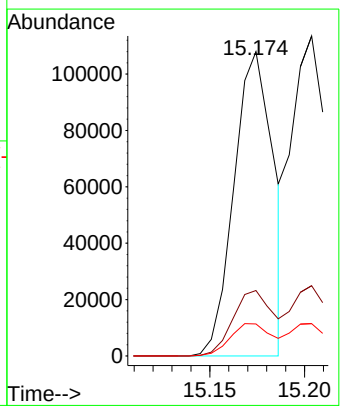


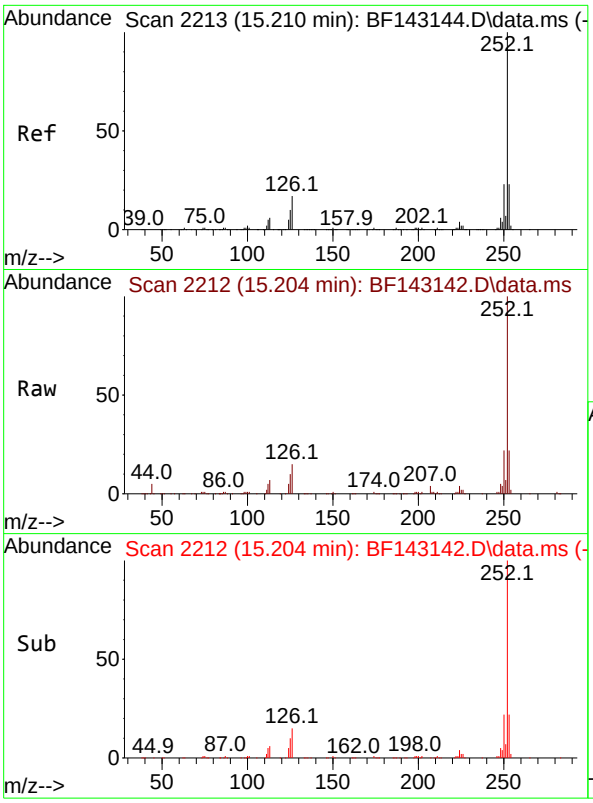




#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 10.5 | 8.0 | 12.0 |



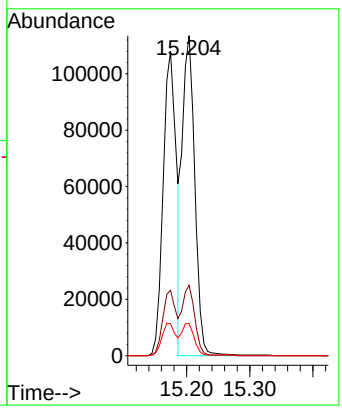


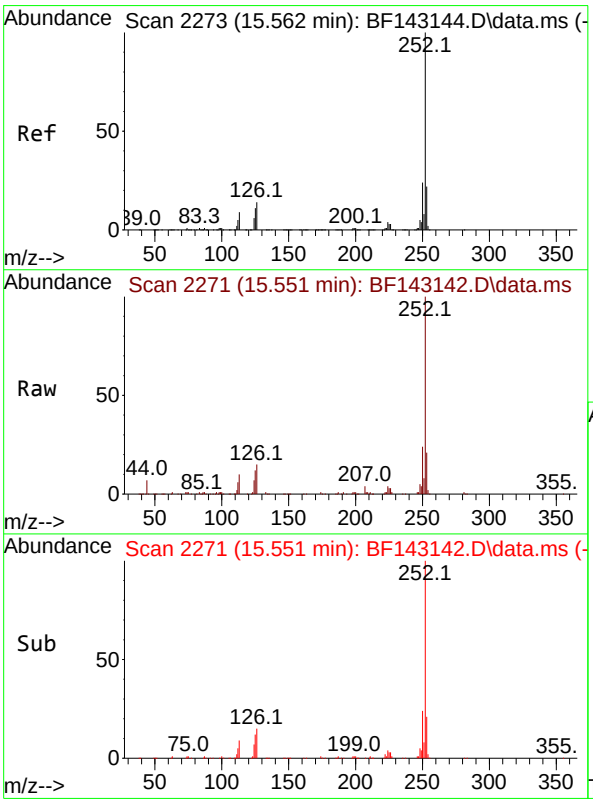

#89
Benzo(k)fluoranthene
Concen: 10.567 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:252 Resp: 157663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.1 | 8.1 | 12.1 |

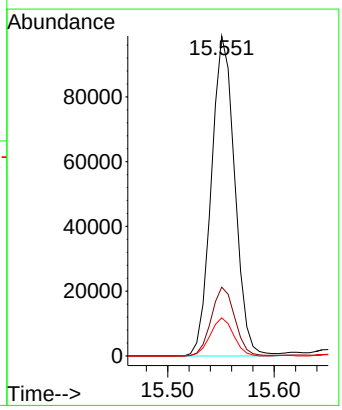


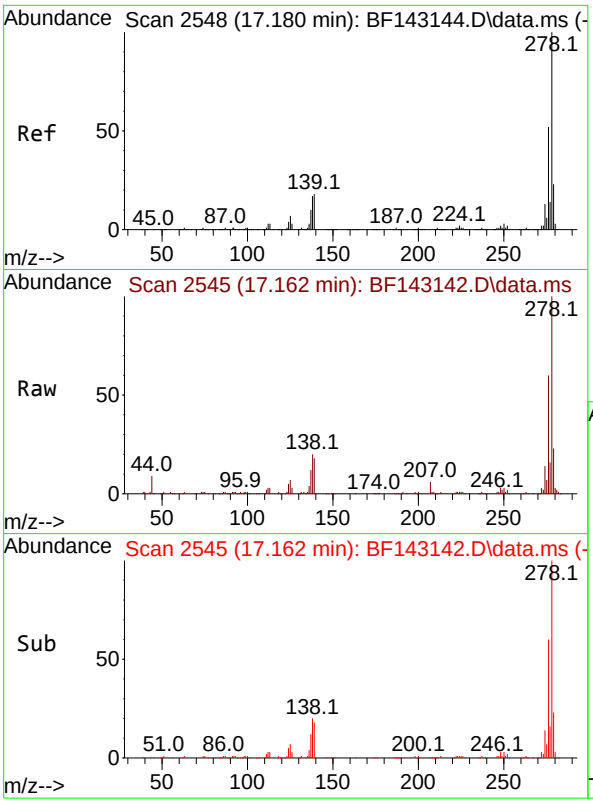




#90
Benzo(a)pyrene
Concen: 9.792 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 150853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.3 | 25.9 |
| 125 | 11.9 | 8.6 | 13.0 |



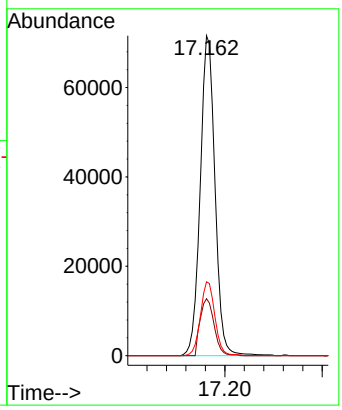


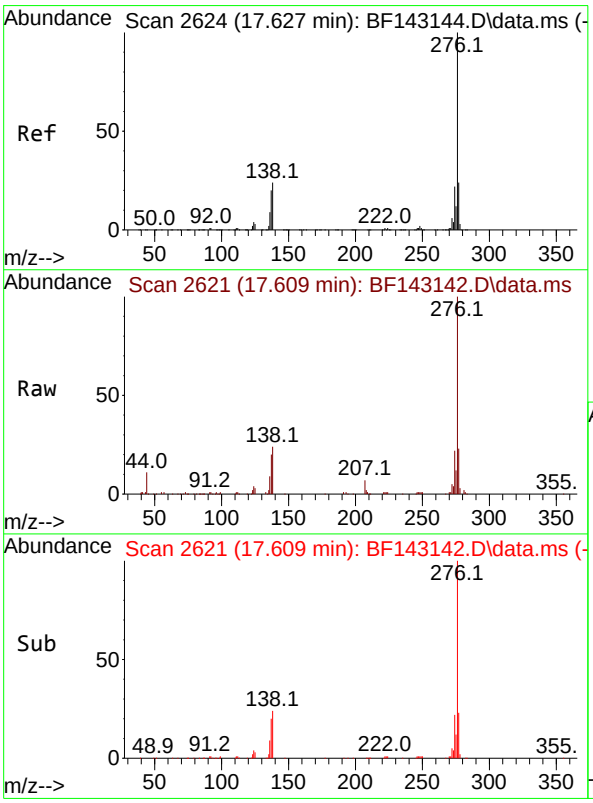

#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Tgt Ion:278 Resp: 150977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 14.1 | 21.1 |
| 279 | 23.1 | 18.6 | 28.0 |

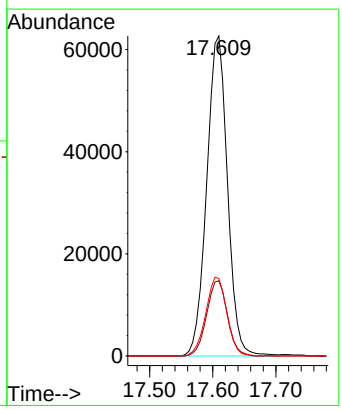



#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.1 | 28.7 |
| 138 | 24.2 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 168491 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 642580 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 329670 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 532921 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 305398 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 338518 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 444546 | 41.752 | ng | | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 558427 | 41.668 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.516 | 82 | 554482 | 43.013 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.780 | 330 | 139748 | 41.034 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1019688 | 42.301 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.063 | 244 | 866830 | 42.238 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.810 | 88 | 103481 | 20.540 | ng | | 99 |
| 3) Pyridine | 3.581 | 79 | 261405 | 19.990 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 134638 | 19.942 | ng | | 99 |
| 6) Aniline | 6.622 | 93 | 382991 | 20.505 | ng | | 99 |
| 8) 2-Chlorophenol | 6.745 | 128 | 231044 | 20.702 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 196003 | 19.504 | ng | | 98 |
| 10) Phenol | 6.593 | 94 | 322193 | 22.068 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 232425 | 20.792 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 251734 | 20.763 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 253137 | 20.733 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 243437 | 20.963 | ng | | 99 |
| 15) Benzyl Alcohol | 7.092 | 79 | 210016 | 20.524 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 428827 | 20.680 | ng | | 100 |
| 17) 2-Methylphenol | 7.198 | 107 | 192172 | 20.479 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 88036 | 20.828 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70 | 173142 | 20.137 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 247578 | 21.745 | ng | | 96 |
| 22) Acetophenone | 7.363 | 105 | 321774 | 21.151 | ng | # | 99 |
| 24) Nitrobenzene | 7.534 | 77 | 249251 | 20.739 | ng | | 98 |
| 25) Isophorone | 7.775 | 82 | 457146 | 20.088 | ng | | 99 |
| 26) 2-Nitrophenol | 7.851 | 139 | 105681 | 20.261 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 218960 | 20.594 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 283946 | 20.811 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 184432 | 20.569 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 204103 | 21.070 | ng | | 98 |
| 31) Naphthalene | 8.263 | 128 | 662968 | 20.949 | ng | | 100 |
| 32) Benzoic acid | 7.957 | 122 | 90732 | 18.667 | ng | | 98 |
| 33) 4-Chloroaniline | 8.304 | 127 | 269101 | 20.825 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 122624 | 20.722 | ng | | 98 |
| 35) Caprolactam | 8.651 | 113 | 53950 | 19.911 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 197317 | 20.246 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 403298 | 20.943 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 417629 | 21.060 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 198009 | 20.804 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 122922 | 19.848 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 135703 | 20.601 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

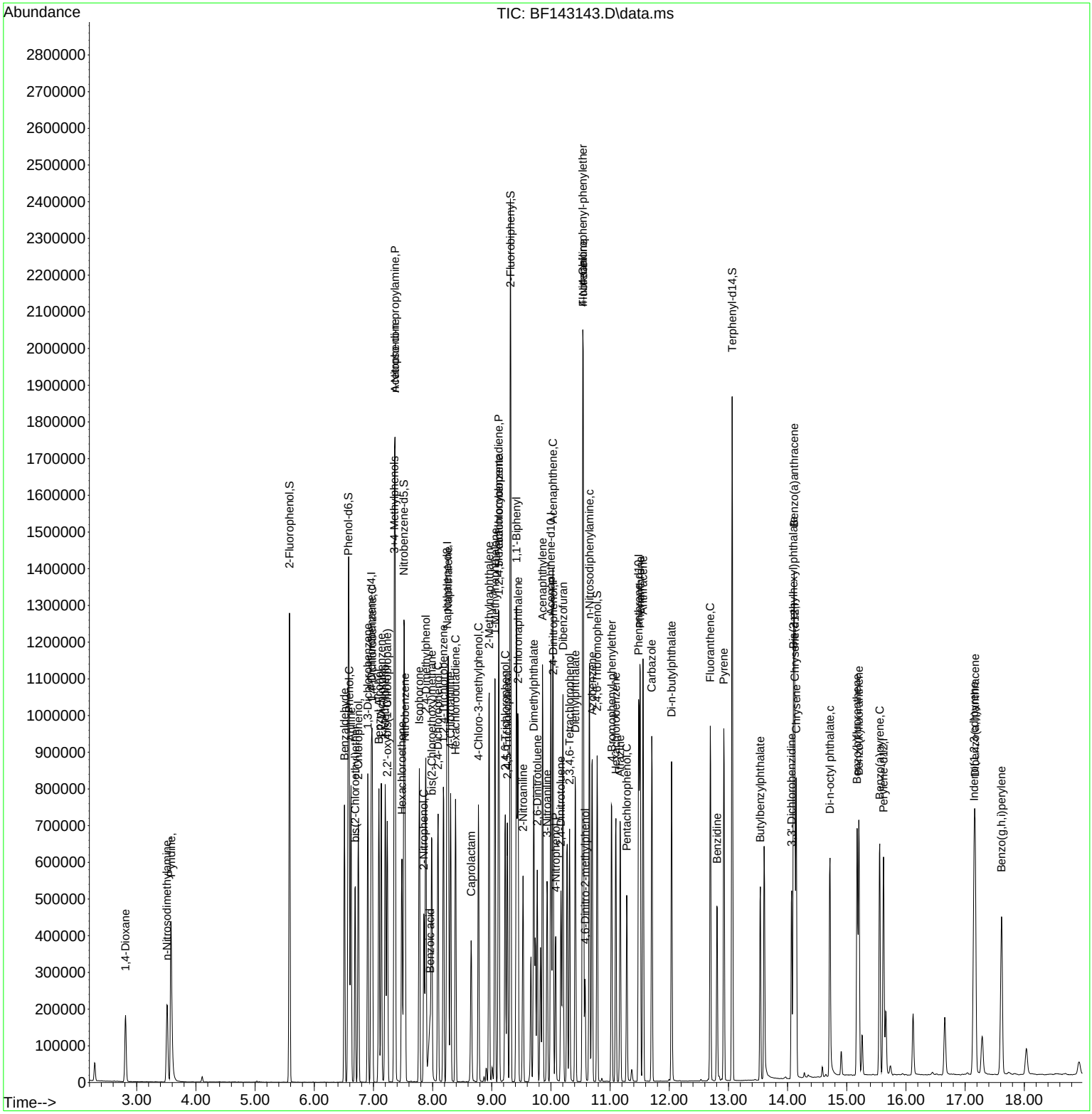
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 135634 | 20.584 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 540637 | 21.019 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 393002 | 20.650 | ng | | 99 |
| 48) 2-Nitroaniline | 9.528 | 65 | 122517 | 20.528 | ng | | 99 |
| 49) Acenaphthylene | 9.857 | 152 | 663048 | 20.789 | ng | | 100 |
| 50) Dimethylphthalate | 9.710 | 163 | 441768 | 20.558 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.769 | 165 | 89742 | 20.529 | ng | | 97 |
| 52) Acenaphthene | 10.033 | 154 | 390249 | 20.702 | ng | | 99 |
| 53) 3-Nitroaniline | 9.933 | 138 | 103870 | 20.314 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 10.039 | 184 | 26820 | 19.073 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 582320 | 20.806 | ng | | 98 |
| 56) 4-Nitrophenol | 10.081 | 139 | 75275 | 19.715 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 112851 | 20.577 | ng | | 99 |
| 58) Fluorene | 10.545 | 166 | 435866 | 20.750 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 113851 | 20.859 | ng | | 100 |
| 60) Diethylphthalate | 10.410 | 149 | 440058 | 20.719 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 216496 | 20.699 | ng | | 99 |
| 62) 4-Nitroaniline | 10.545 | 138 | 87666 | 20.005 | ng | | 99 |
| 63) Azobenzene | 10.698 | 77 | 458013 | 20.690 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.580 | 198 | 46122 | 20.060 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 384467 | 20.488 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 128663 | 20.259 | ng | | 99 |
| 68) Hexachlorobenzene | 11.098 | 284 | 134031 | 20.191 | ng | | 99 |
| 69) Atrazine | 11.169 | 200 | 105386 | 20.370 | ng | | 99 |
| 70) Pentachlorophenol | 11.280 | 266 | 77906 | 19.957 | ng | | 99 |
| 71) Phenanthrene | 11.510 | 178 | 595411 | 21.042 | ng | | 99 |
| 72) Anthracene | 11.557 | 178 | 604416 | 20.944 | ng | | 99 |
| 73) Carbazole | 11.704 | 167 | 523365 | 20.769 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 601867 | 21.108 | ng | | 100 |
| 75) Fluoranthene | 12.692 | 202 | 542662 | 20.894 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 257904 | 21.919 | ng | | 99 |
| 78) Pyrene | 12.922 | 202 | 544650 | 20.897 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 163546 | 20.491 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 421791 | 20.629 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 151153 | 22.181 | ng | | 100 |
| 83) Chrysene | 14.145 | 228 | 380799 | 20.714 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 251739 | 20.839 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 436102 | 19.916 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.151 | 276 | 484240 | 20.286 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.174 | 252 | 435747 | 21.071 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.204 | 252 | 369899 | 20.044 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.557 | 252 | 388136 | 20.371 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.168 | 278 | 398949 | 20.534 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.615 | 276 | 385915 | 20.534 | ng | | 99 |

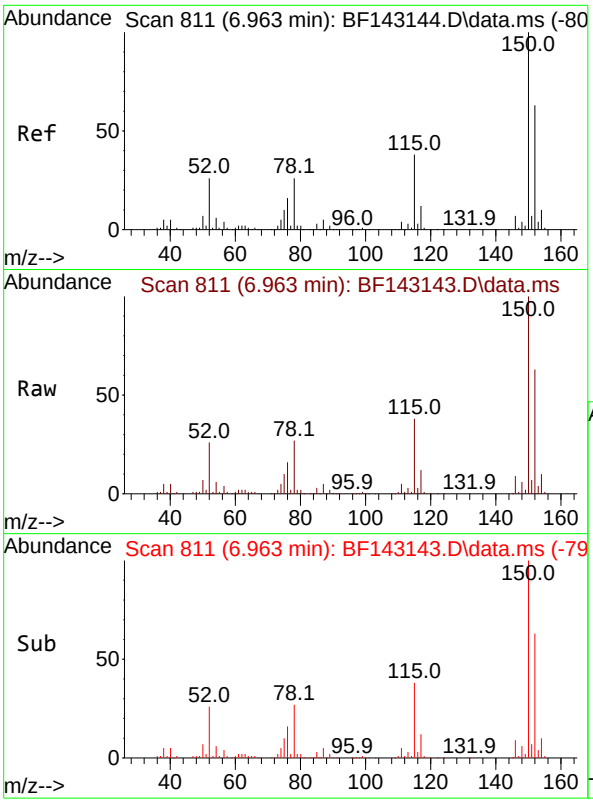
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Jul 17 15:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



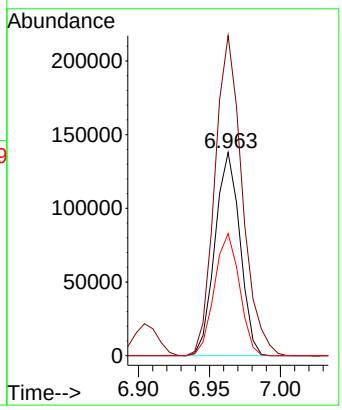


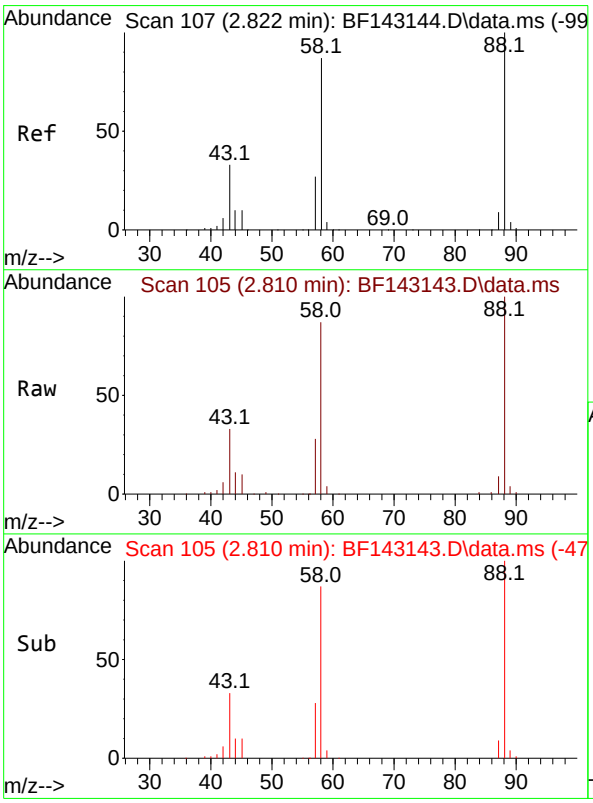

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 168491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 128.2 | 192.4 |
| 115 | 60.1 | 47.9 | 71.9 |

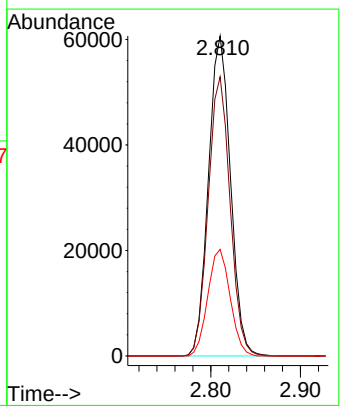


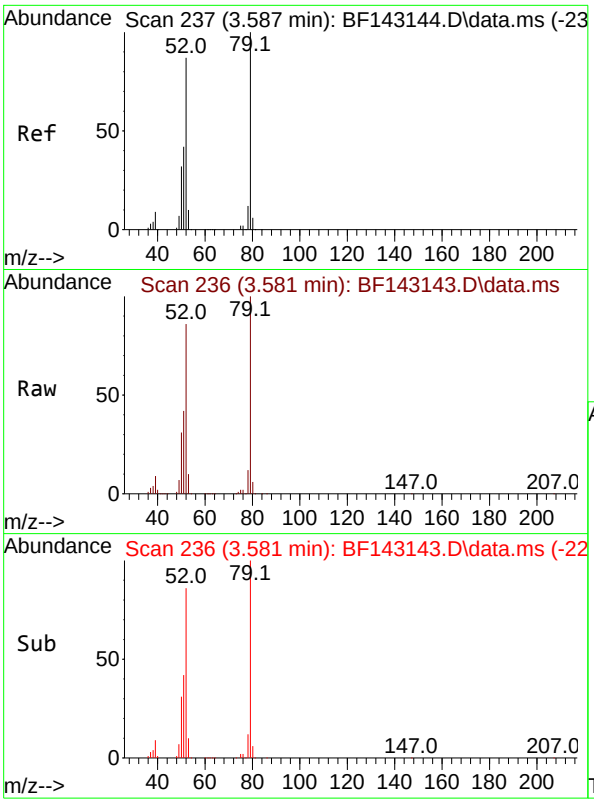




#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.7 | 70.2 | 105.2 |
| 43 | 33.8 | 27.1 | 40.7 |



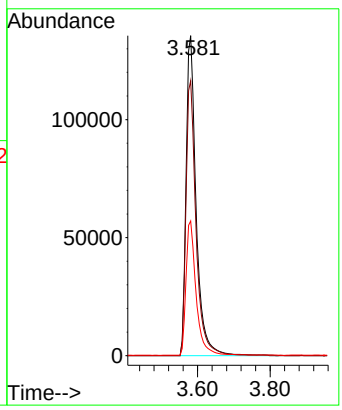


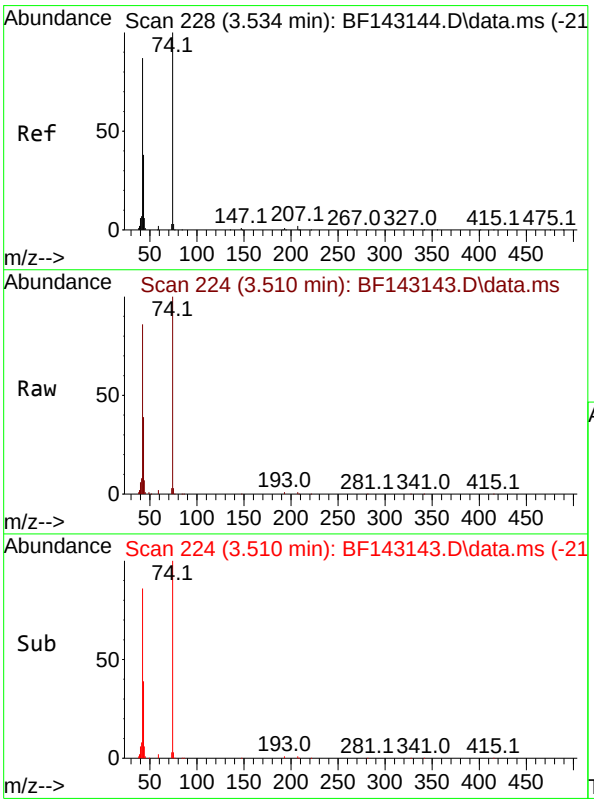

#3
Pyridine
Concen: 19.990 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 261405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.9 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |

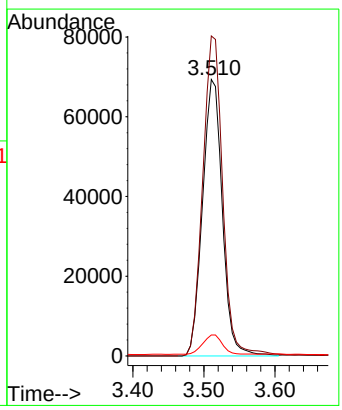


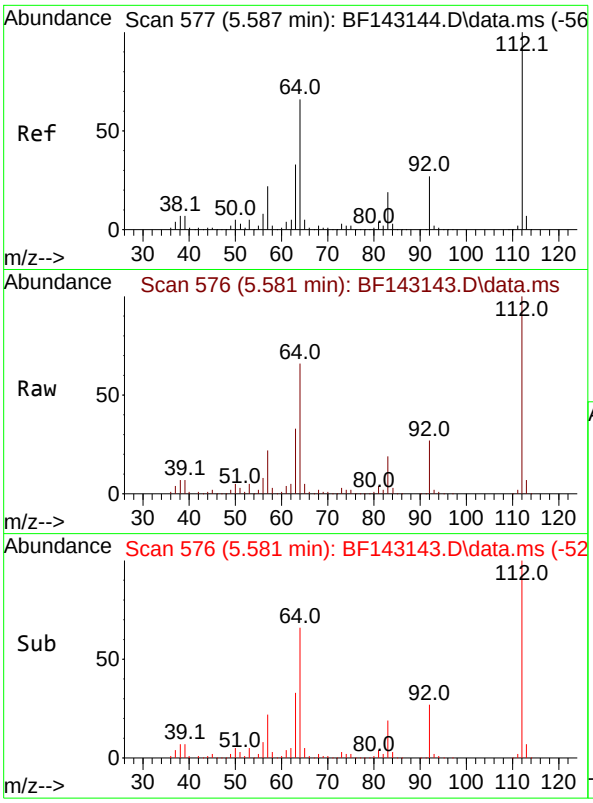




#4
n-Nitrosodimethylamine
Concen: 19.942 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 42 Resp: 134638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.7 | 91.7 | 137.5 |
| 44 | 7.6 | 5.6 | 8.4 |



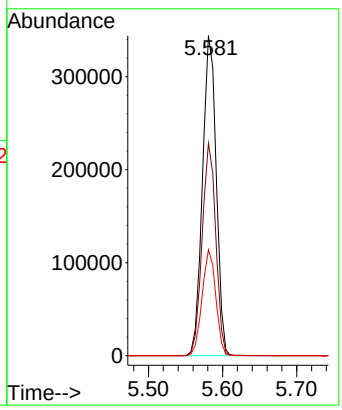


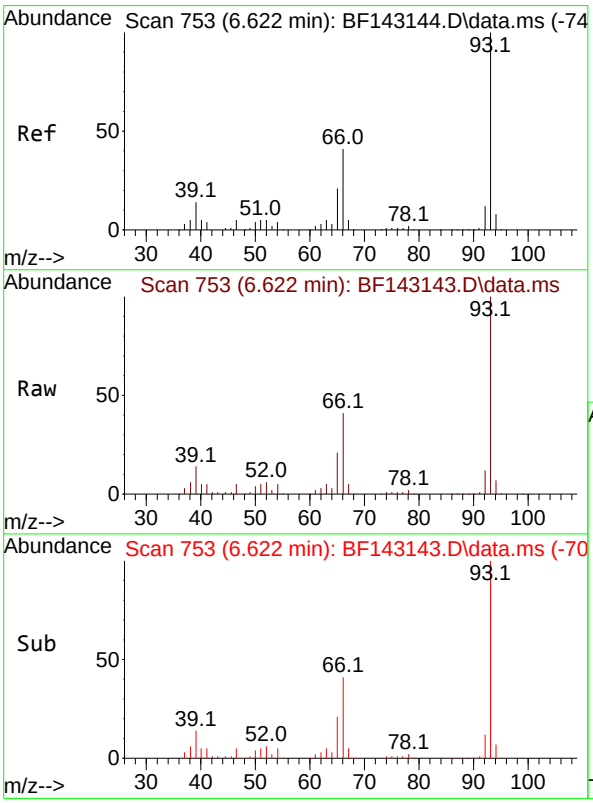

#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:112 Resp: 444546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.4 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |

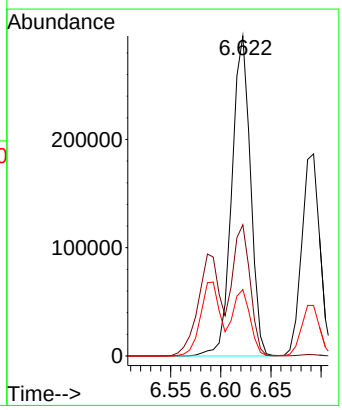


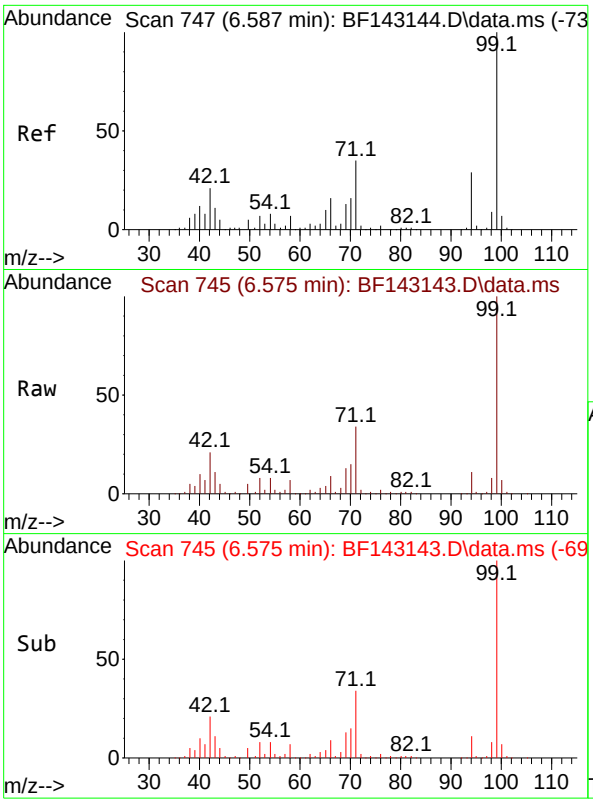




#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 382991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.7 | 16.9 | 25.3 |



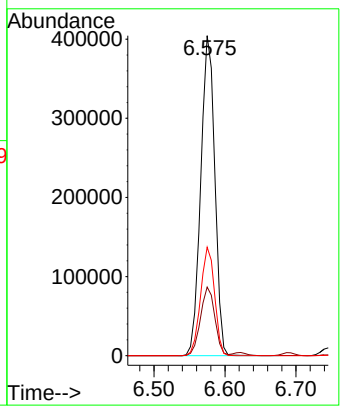


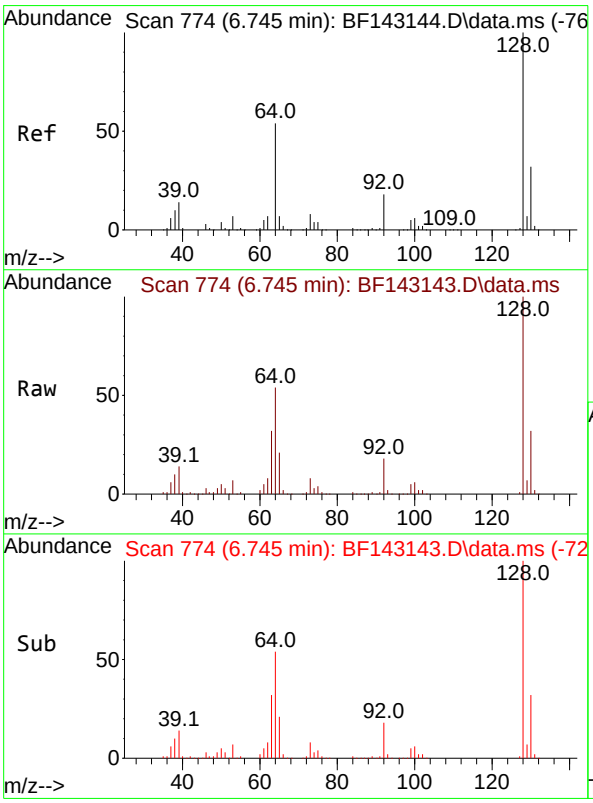

#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 99 Resp: 558427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 17.0 | 25.6 |
| 71 | 33.9 | 27.7 | 41.5 |

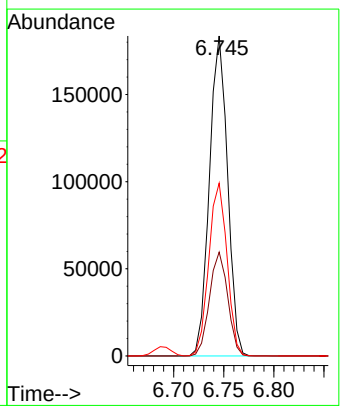


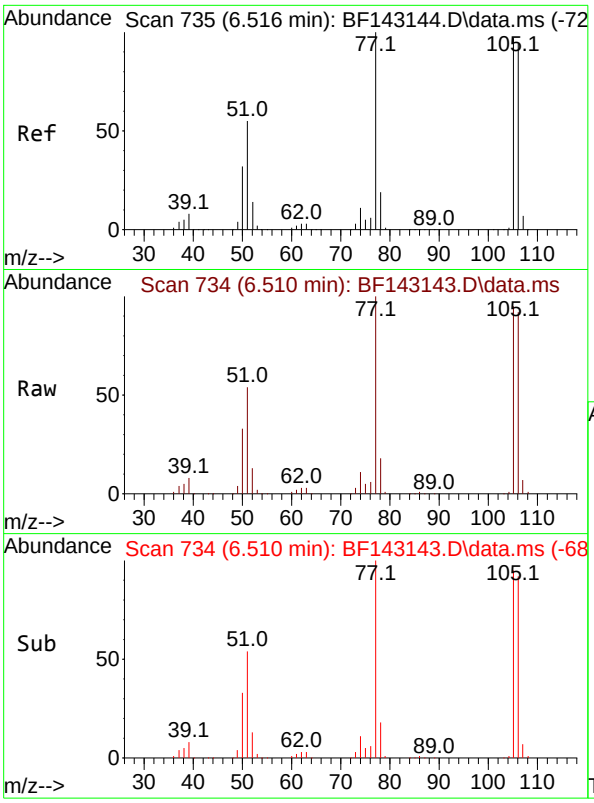




#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.3 | 52.3 |
| 64 | 54.0 | 35.9 | 75.9 |



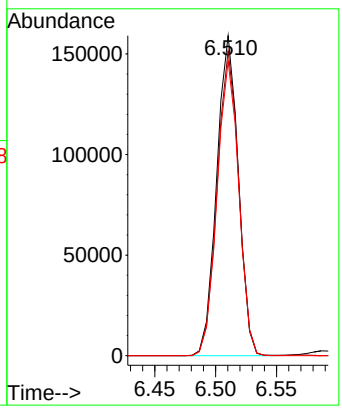


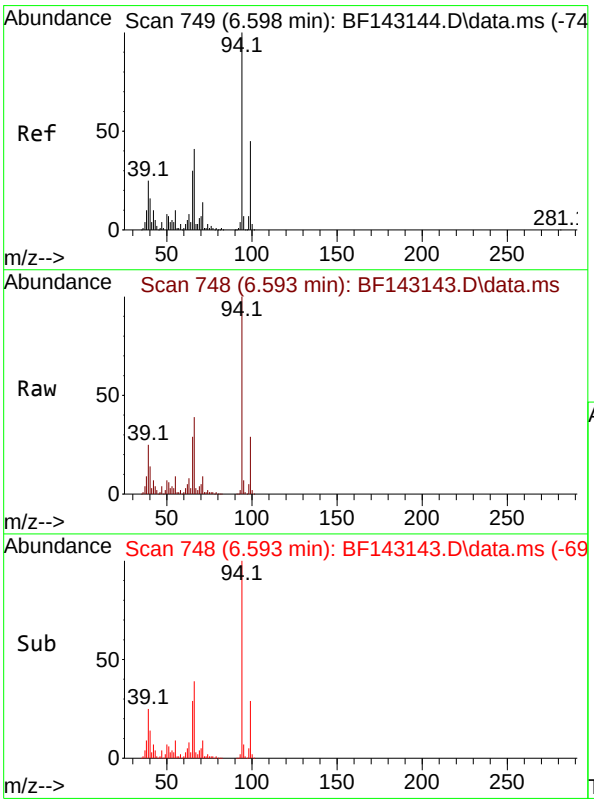

#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 196003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.3 | 76.8 | 116.8 |
| 106 | 92.0 | 74.4 | 114.4 |

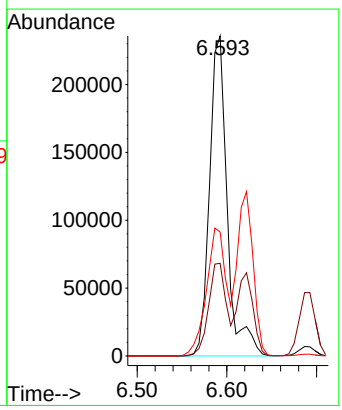


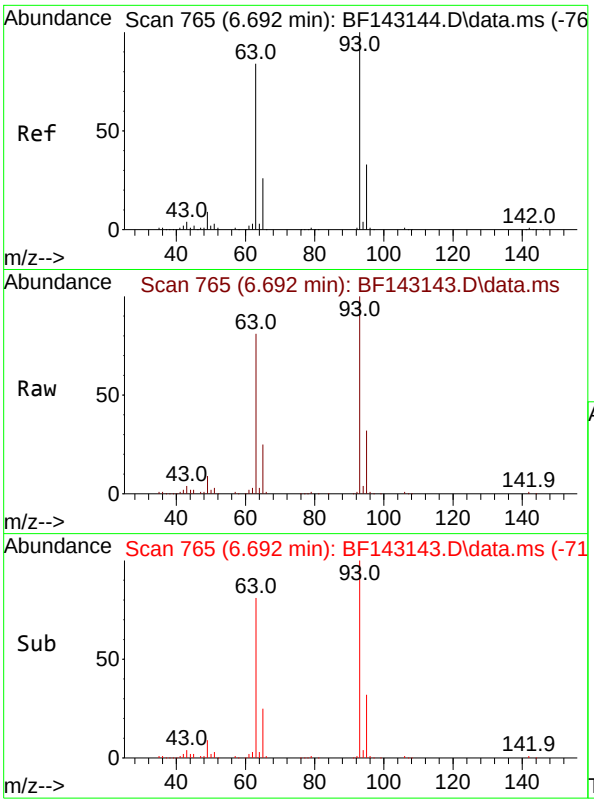




#10
Phenol
Concen: 22.068 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 322193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.0 | 10.0 | 50.0 |
| 66 | 38.8 | 20.8 | 60.8 |



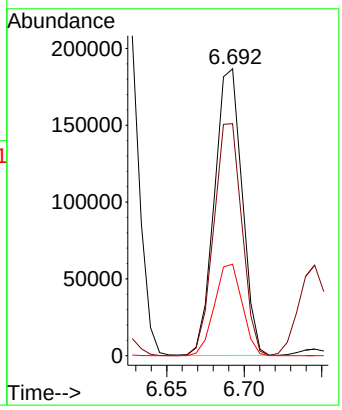


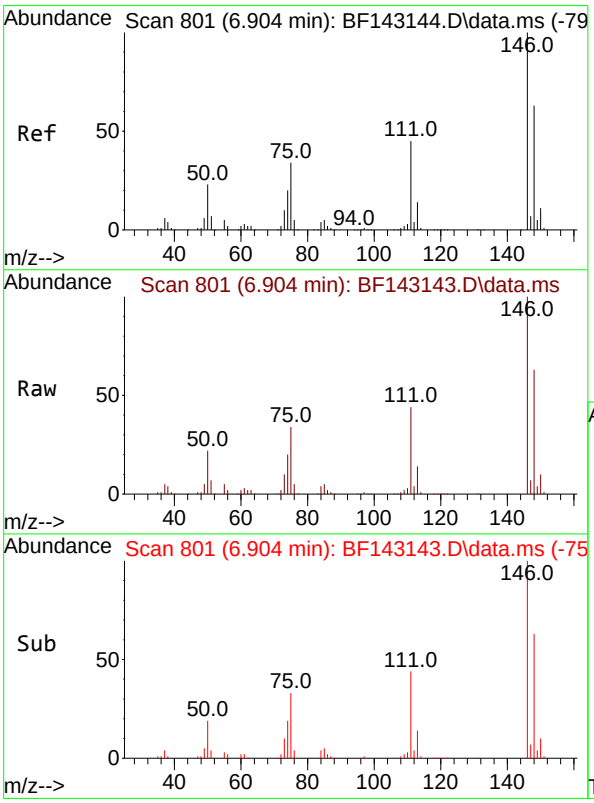

#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 93 Resp: 232425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.9 | 63.4 | 103.4 |
| 95 | 31.9 | 12.4 | 52.4 |

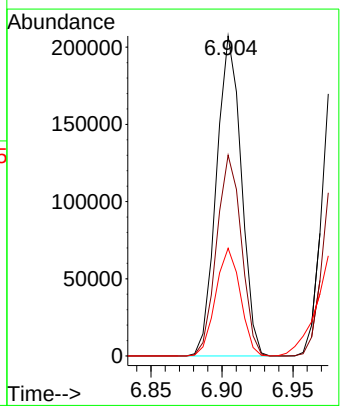


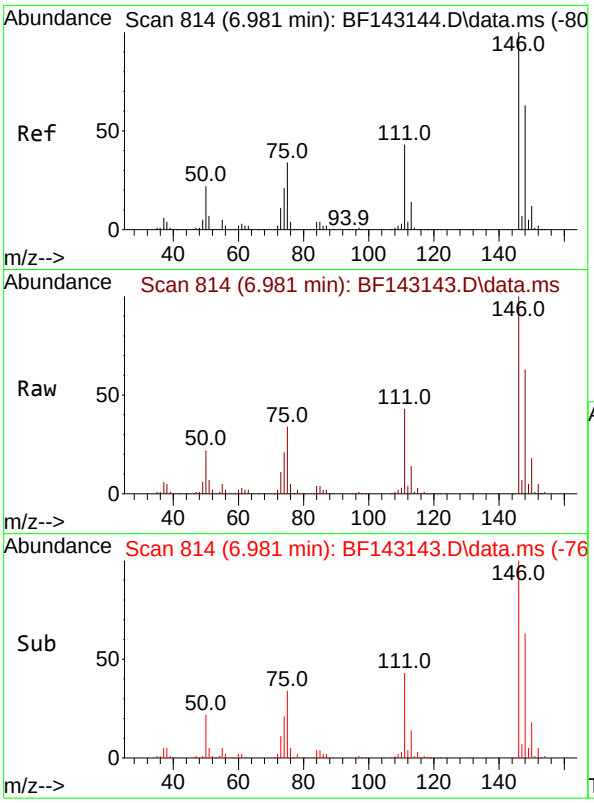




#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.6 | 76.0 |
| 75 | 33.7 | 27.4 | 41.2 |



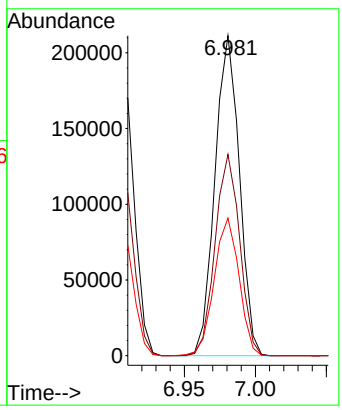


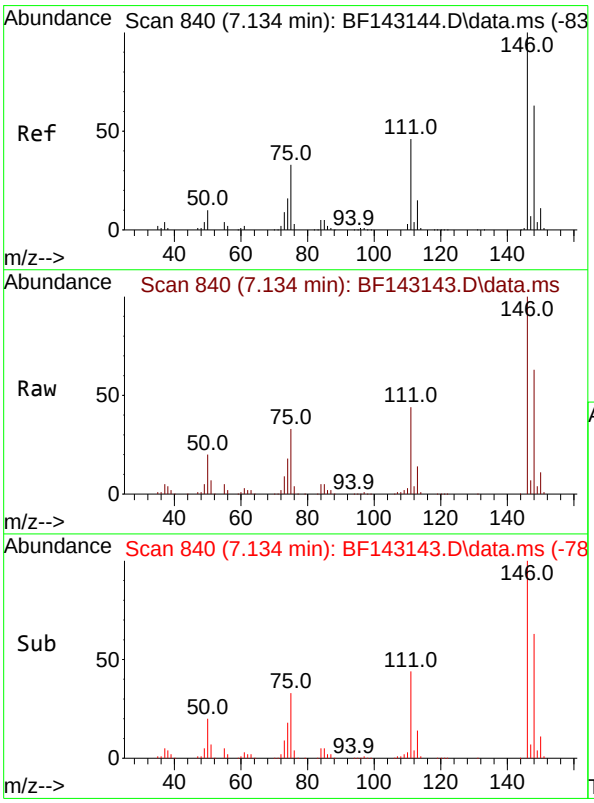

#13
1,4-Dichlorobenzene
Concen: 20.733 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:146 Resp: 253137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.3 | 75.5 |
| 111 | 43.0 | 34.4 | 51.6 |

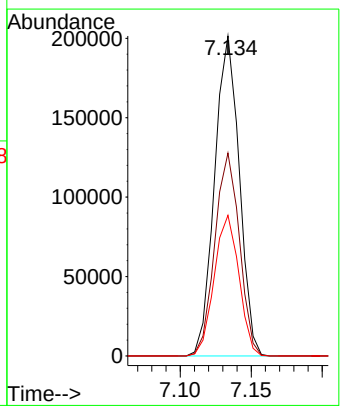


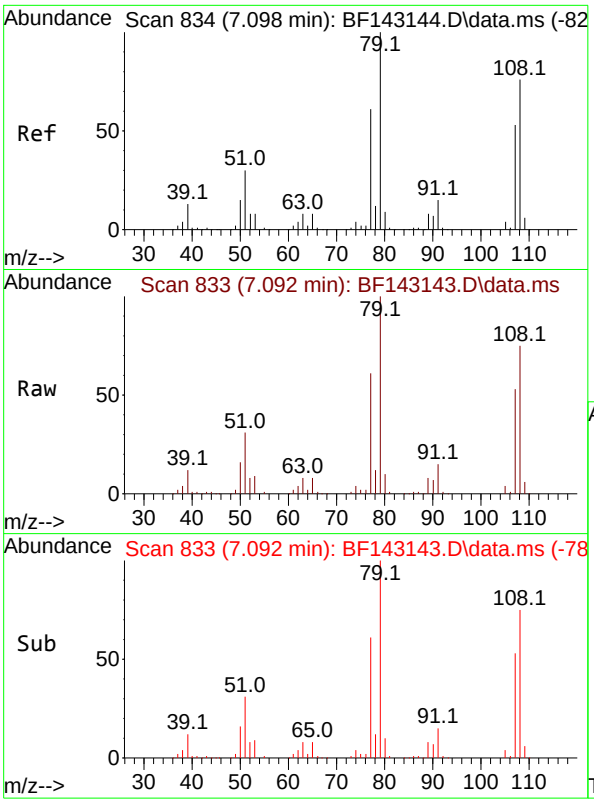




#14
1,2-Dichlorobenzene
Concen: 20.963 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 243437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 44.0 | 36.6 | 54.8 |



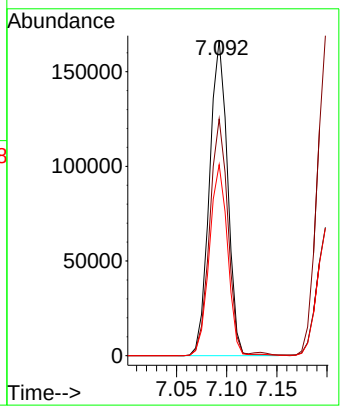


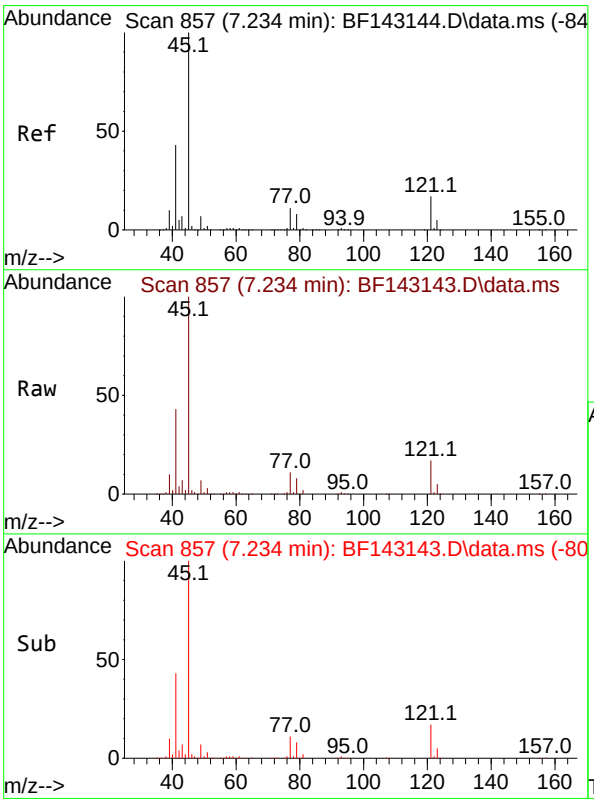

#15
Benzyl Alcohol
Concen: 20.524 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 79 Resp: 210016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.0 | 61.1 | 91.7 |
| 77 | 60.5 | 48.9 | 73.3 |

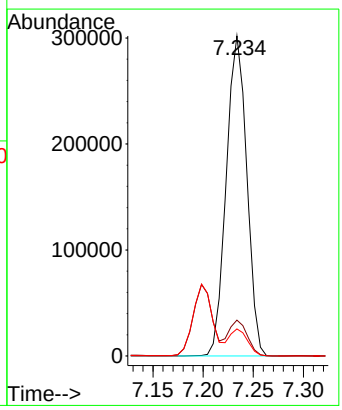


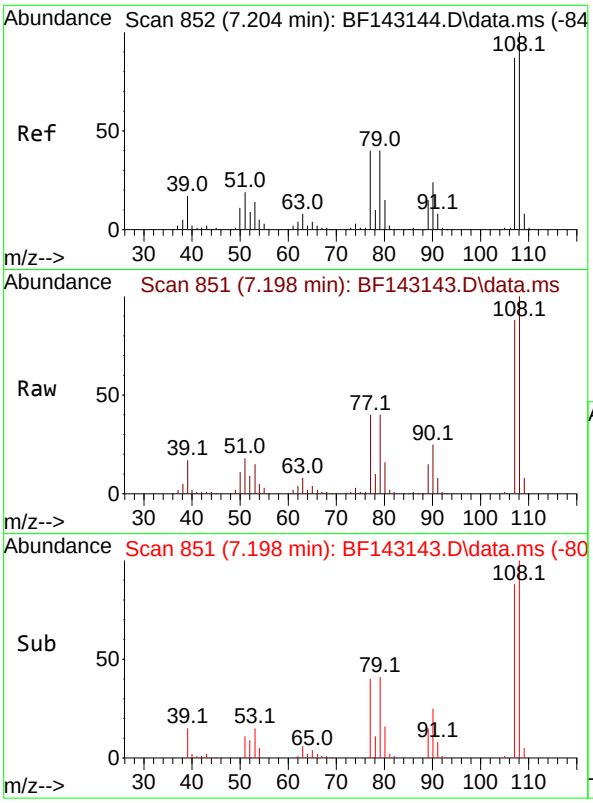




#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.680 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 45 Resp: 428827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.4 | 0.0 | 28.5 |



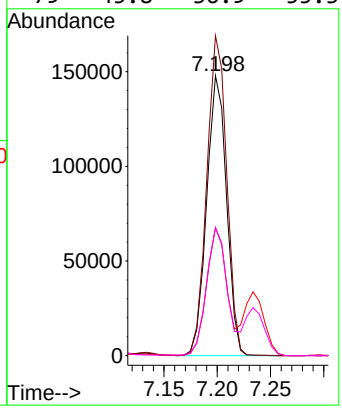


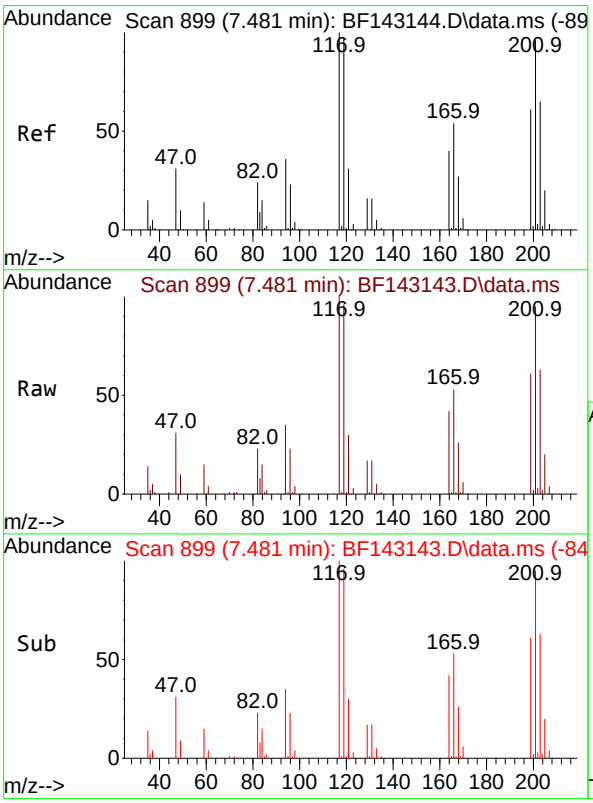

#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:107 Resp: 192172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.3 | 91.8 | 137.6 |
| 77 | 45.6 | 37.0 | 55.6 |
| 79 | 45.8 | 36.9 | 55.3 |

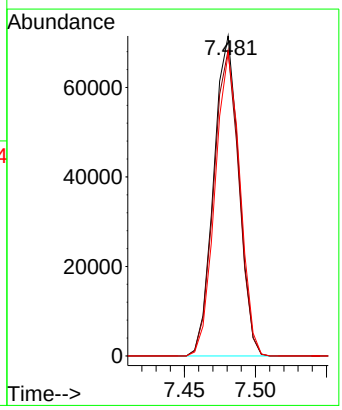


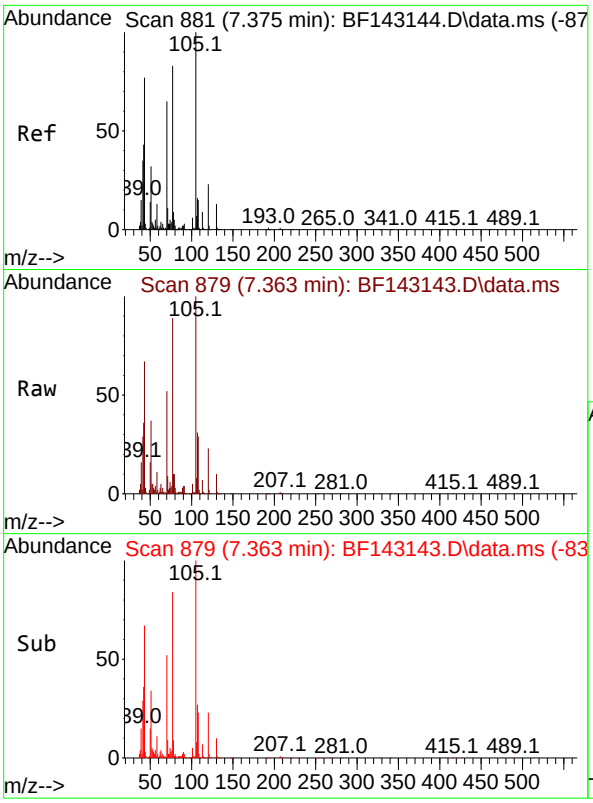




#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.8 | 116.8 |
| 201 | 94.8 | 77.0 | 115.4 |



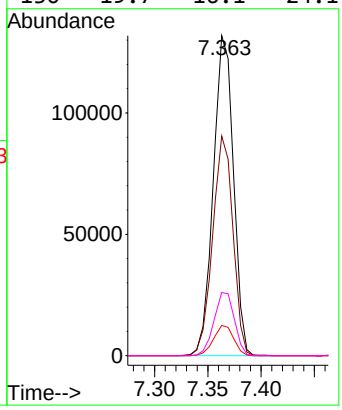


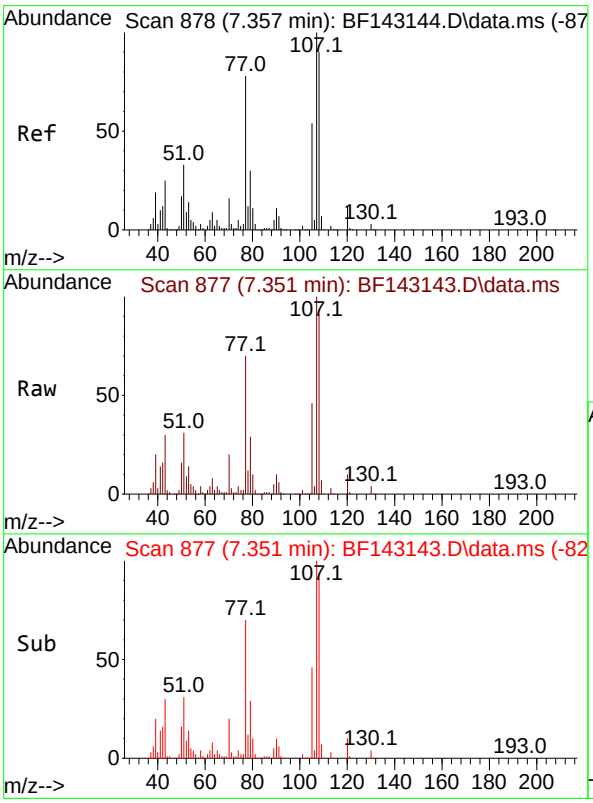

#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 70 Resp: 173142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.6 | 52.5 | 78.7 |
| 101 | 9.4 | 7.6 | 11.4 |
| 130 | 19.7 | 16.1 | 24.1 |

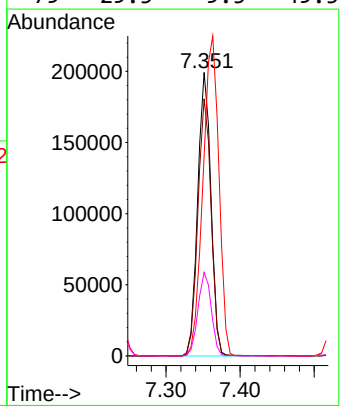


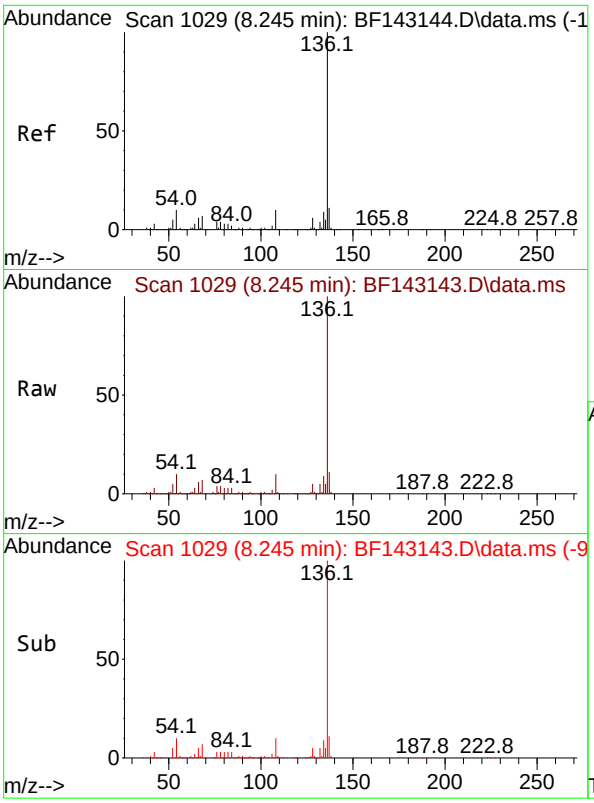




#20
3+4-Methylphenols
Concen: 21.745 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 70.0 | 110.0 |
| 77 | 70.4 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |



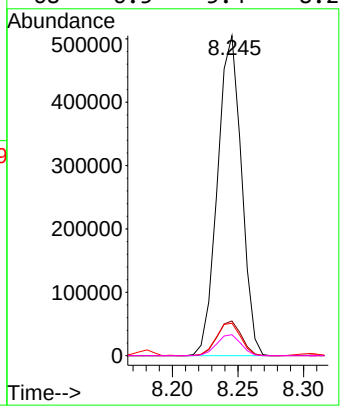


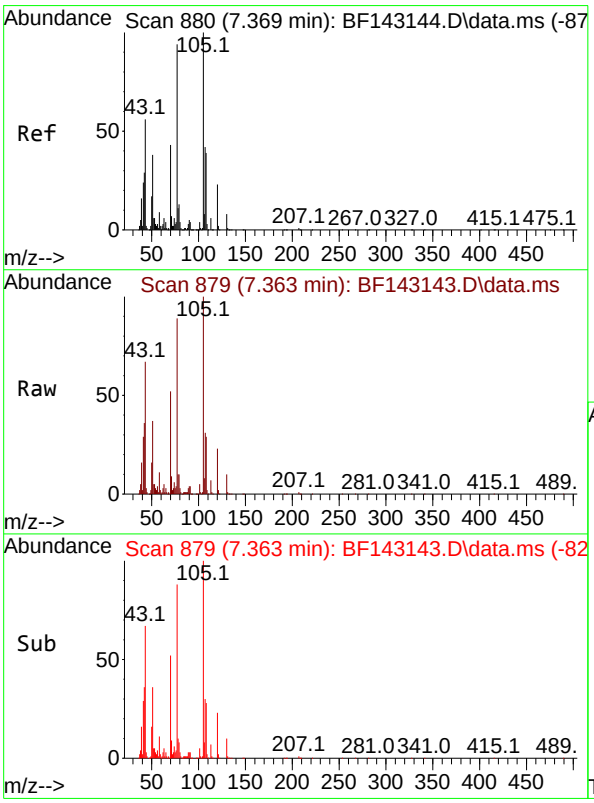

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:136 Resp: 642580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.5 | 5.4 | 8.2 |

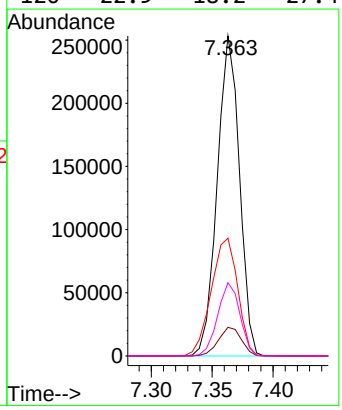


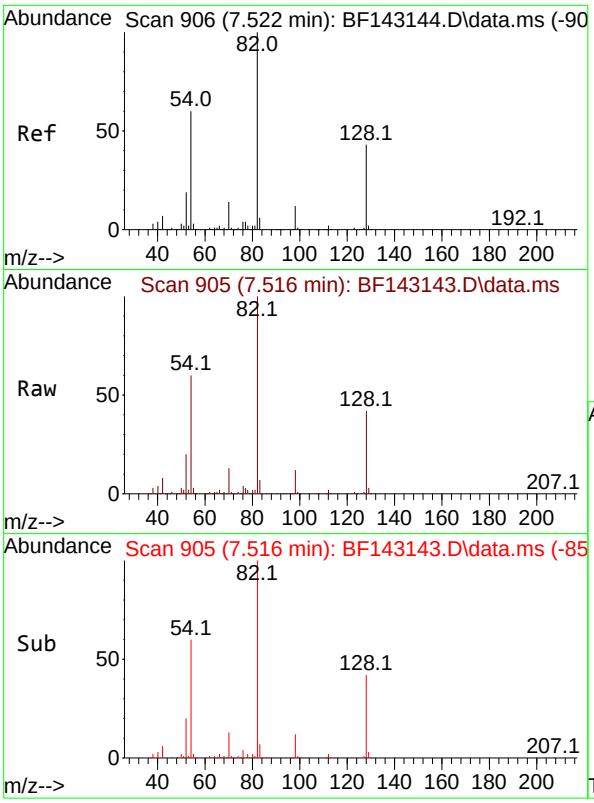




#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:105 Resp: 321774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.0 | 5.8 | 8.6# |
| 51 | 36.8 | 30.2 | 45.2 |
| 120 | 22.9 | 18.2 | 27.4 |



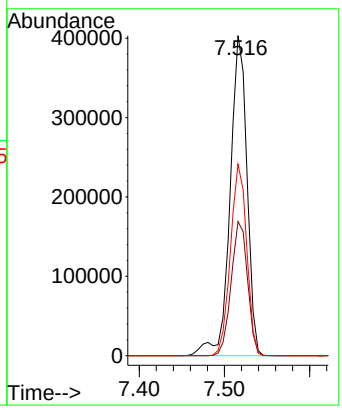


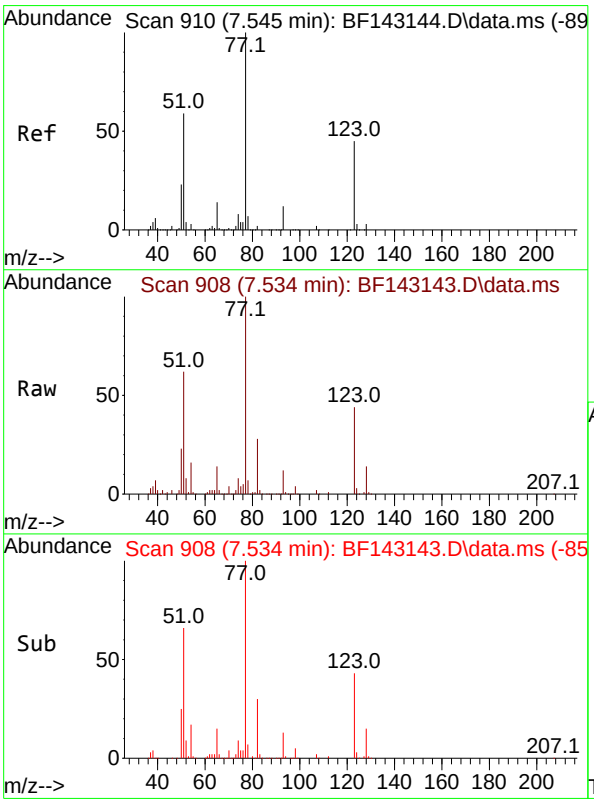

#23
Nitrobenzene-d5
Concen: 43.013 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 554482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.9 | 33.6 | 50.4 |
| 54 | 59.8 | 47.1 | 70.7 |

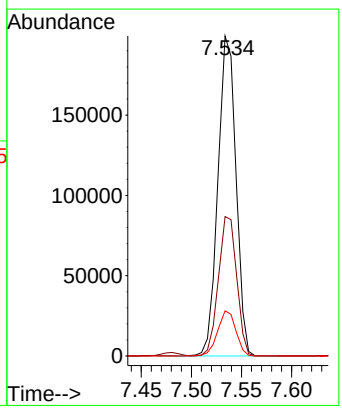


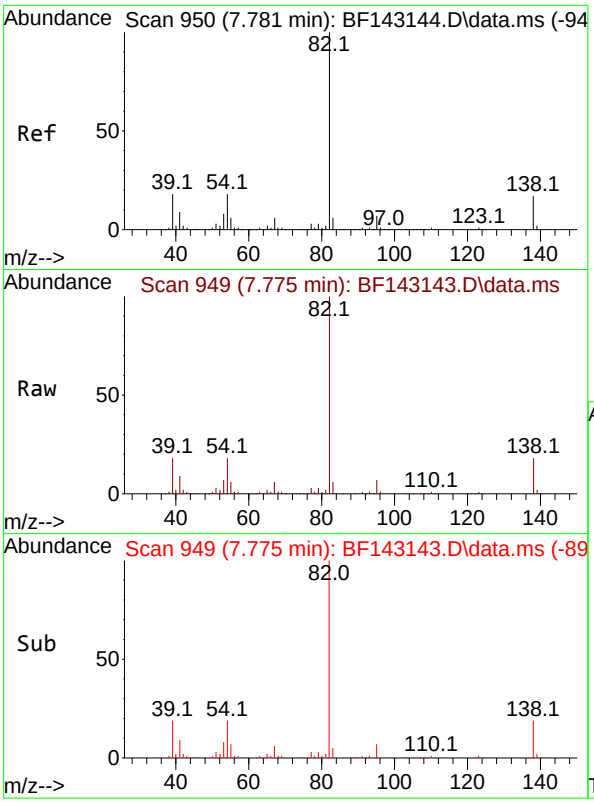




#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.1 | 11.4 | 17.2 |



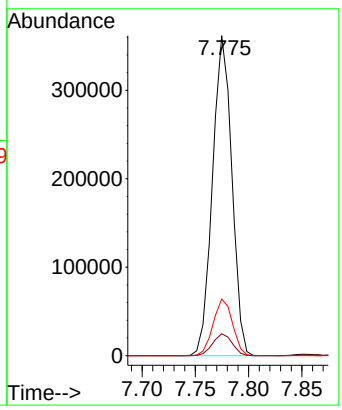


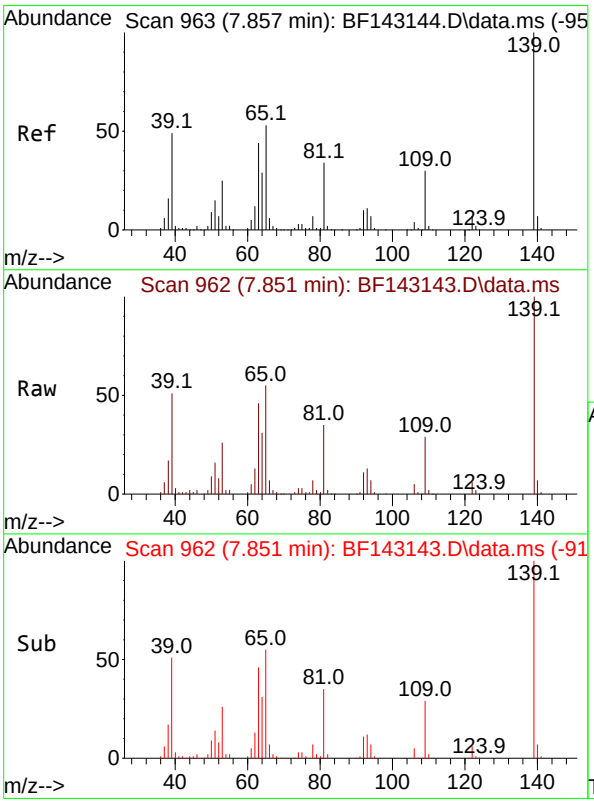

#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 82 Resp: 457146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 17.7 | 13.8 | 20.8 |

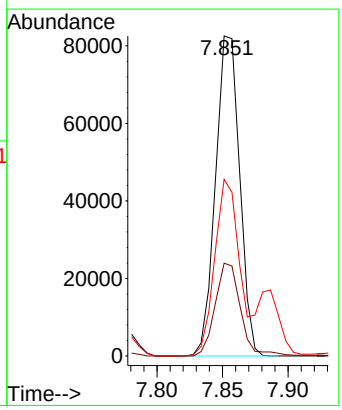


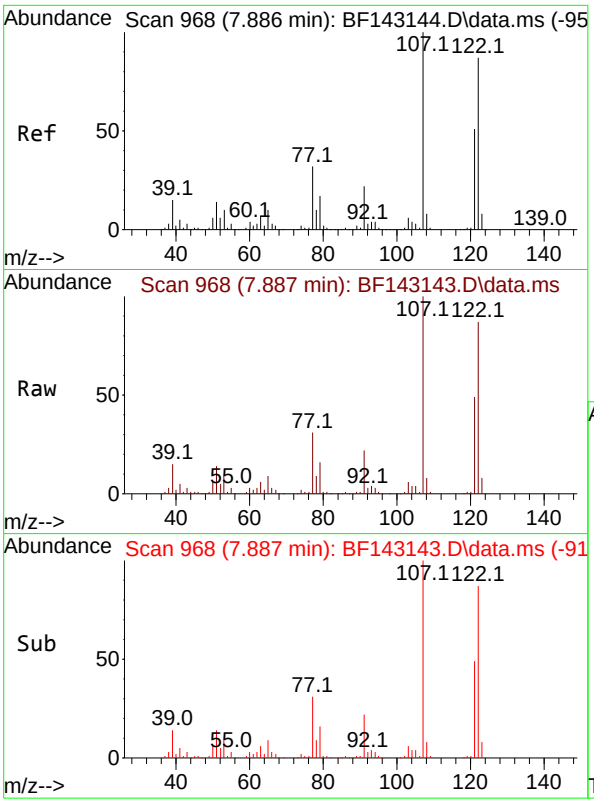




#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 55.2 | 42.6 | 64.0 |



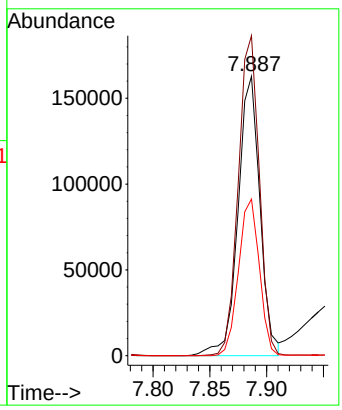


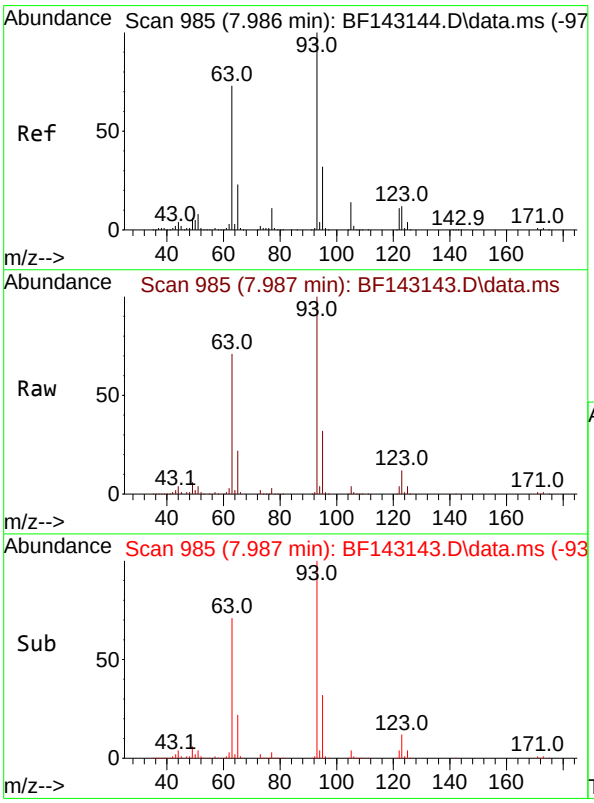

#27
2,4-Dimethylphenol
Concen: 20.594 ng
RT: 7.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:122 Resp: 218960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.5 | 91.8 | 137.6 |
| 121 | 56.1 | 46.3 | 69.5 |

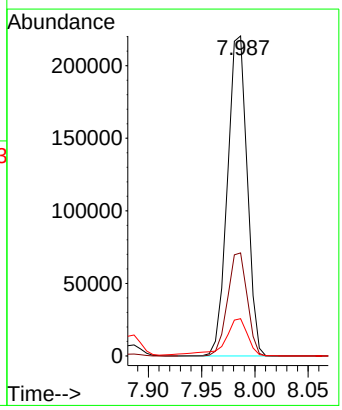


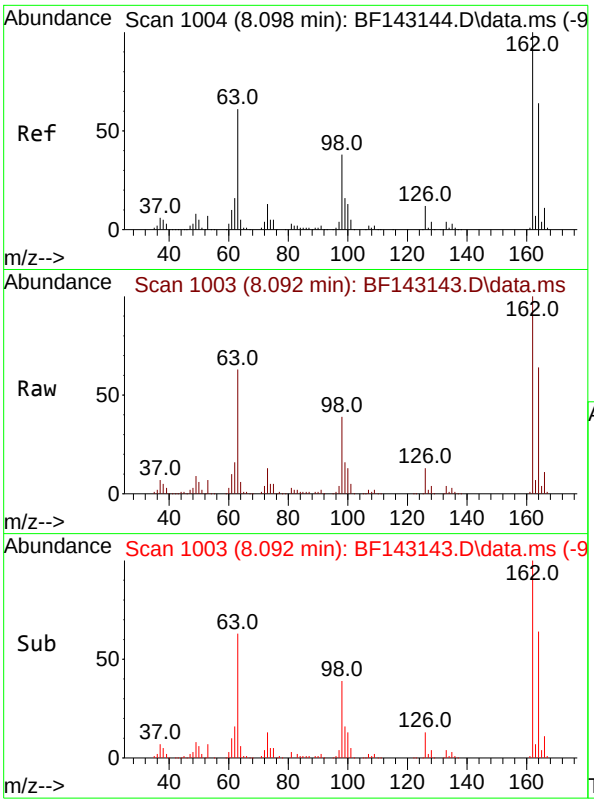




#28
bis(2-Chloroethoxy)methane
Concen: 20.811 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 93 Resp: 283946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 11.6 | 9.7 | 14.5 |



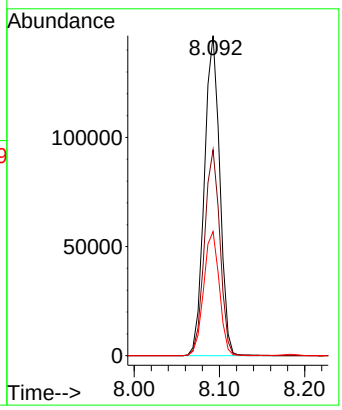


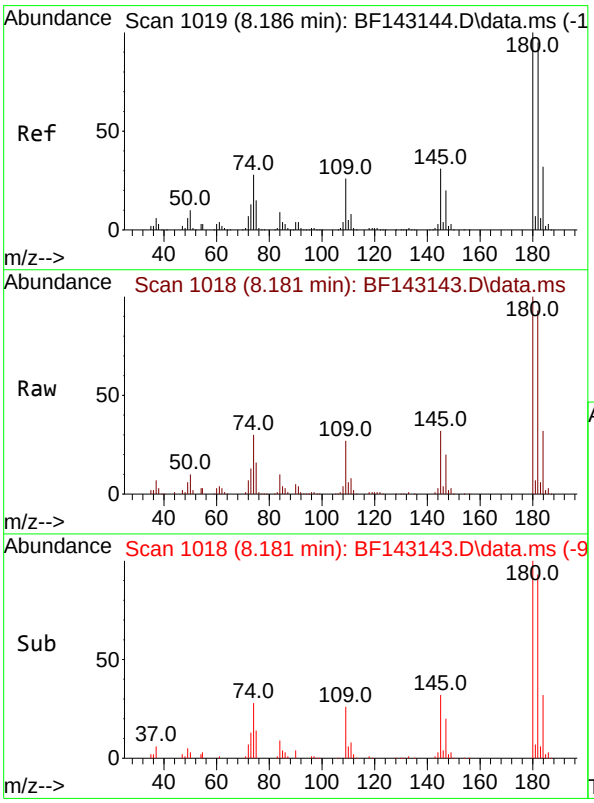

#29
2,4-Dichlorophenol
Concen: 20.569 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 184432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 44.2 | 84.2 |
| 98 | 38.8 | 17.9 | 57.9 |

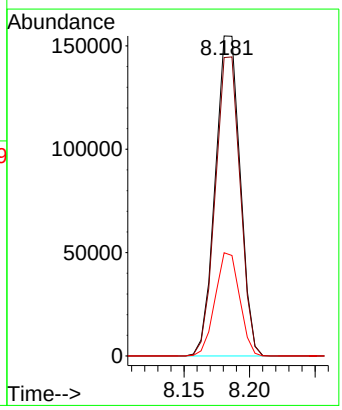


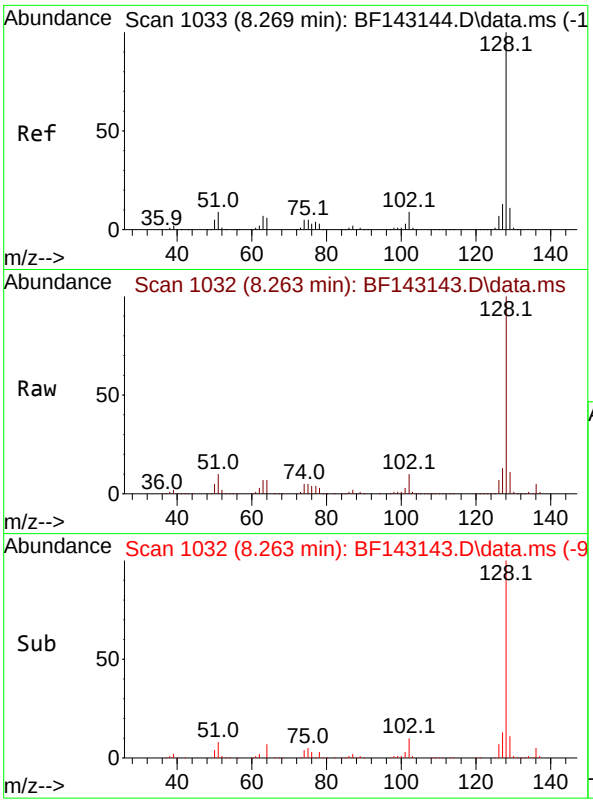




#30
1,2,4-Trichlorobenzene
Concen: 21.070 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:180 Resp: 204103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.3 | 76.2 | 114.2 |
| 145 | 32.2 | 25.0 | 37.6 |



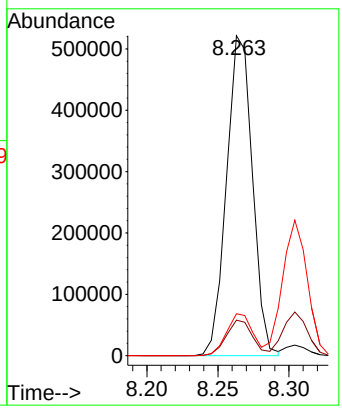


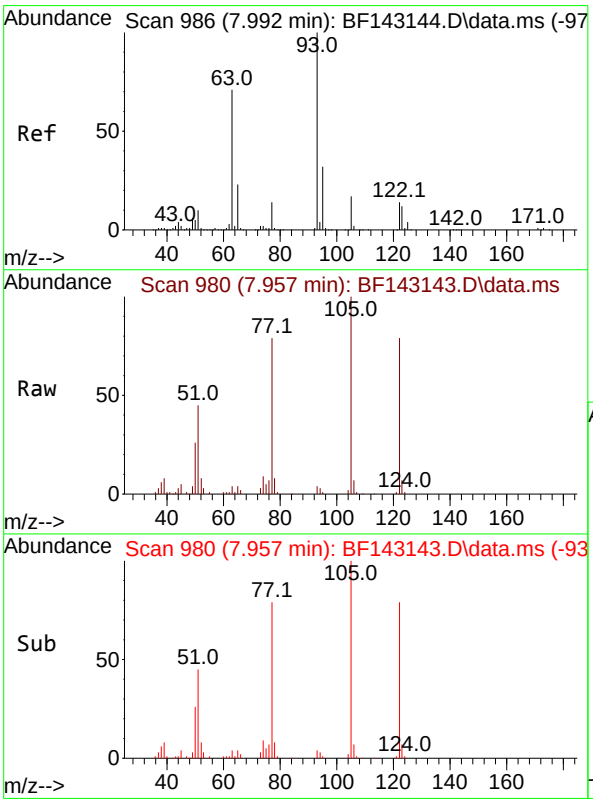

#31
Naphthalene
Concen: 20.949 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:128 Resp: 662968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.1 | 10.6 | 16.0 |

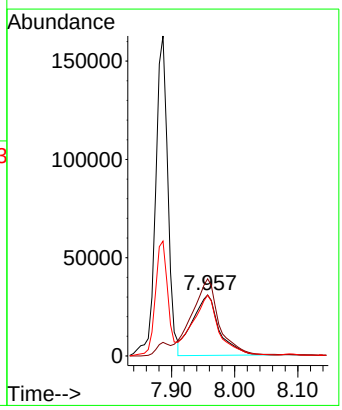


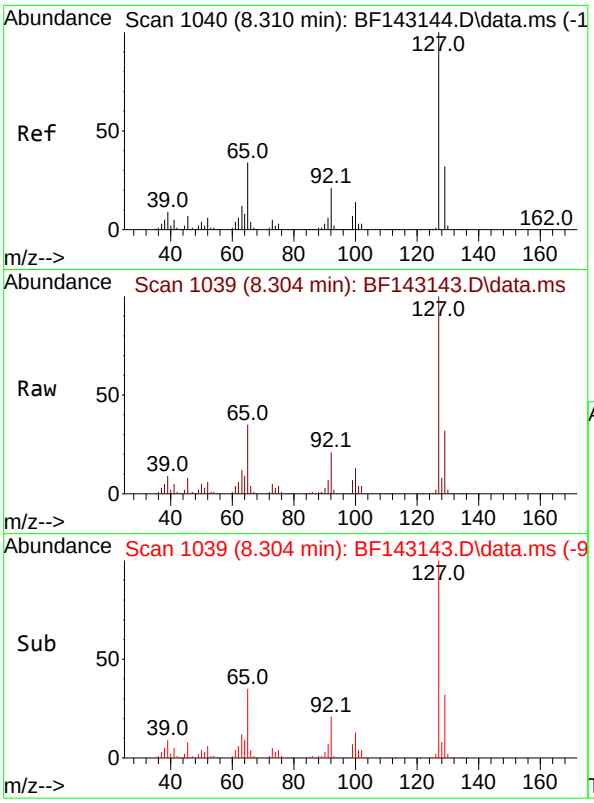




#32
Benzoic acid
Concen: 18.667 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:122 Resp: 90732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.7 | 104.8 | 144.8 |
| 77 | 99.7 | 77.6 | 117.6 |



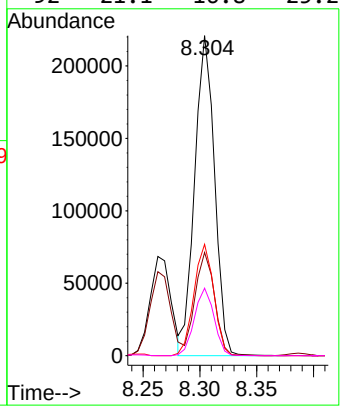


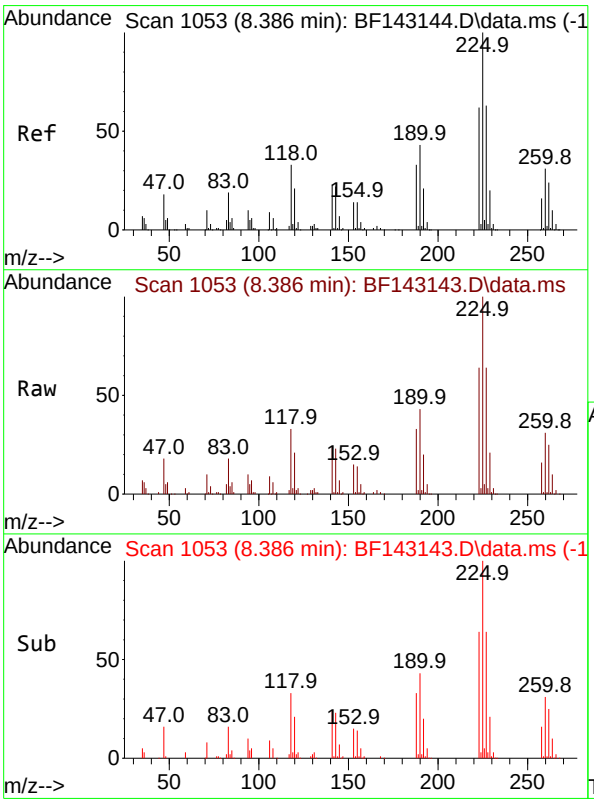

#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:127 Resp: 269101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.0 | 39.0 |
| 65 | 34.8 | 27.4 | 41.2 |
| 92 | 21.1 | 16.8 | 25.2 |

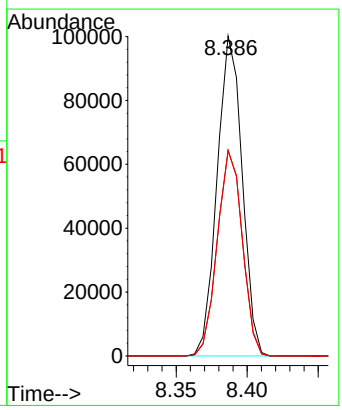


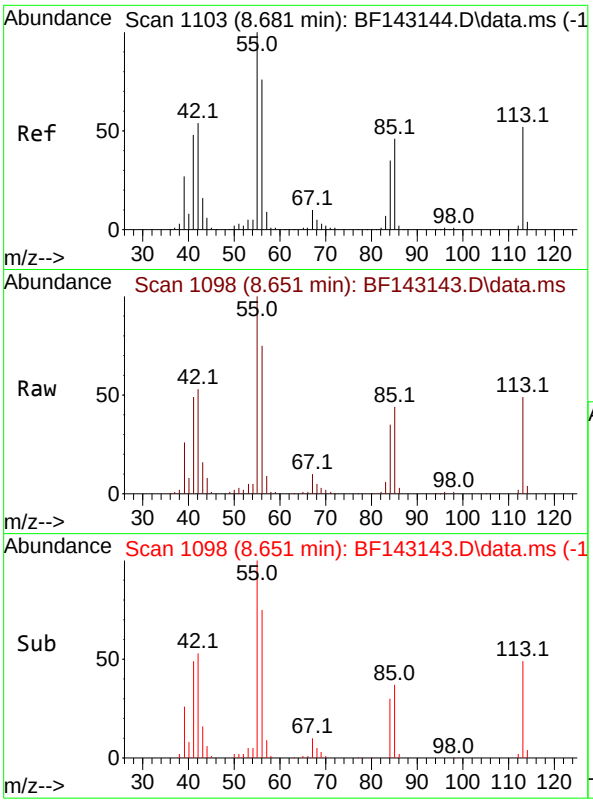




#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 49.8 | 74.6 |
| 227 | 64.1 | 50.2 | 75.4 |



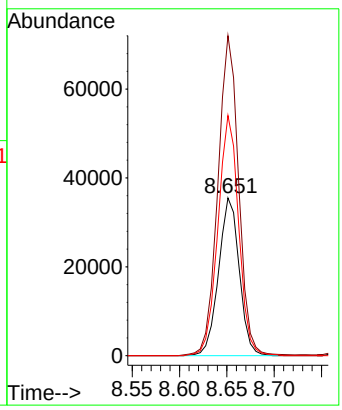


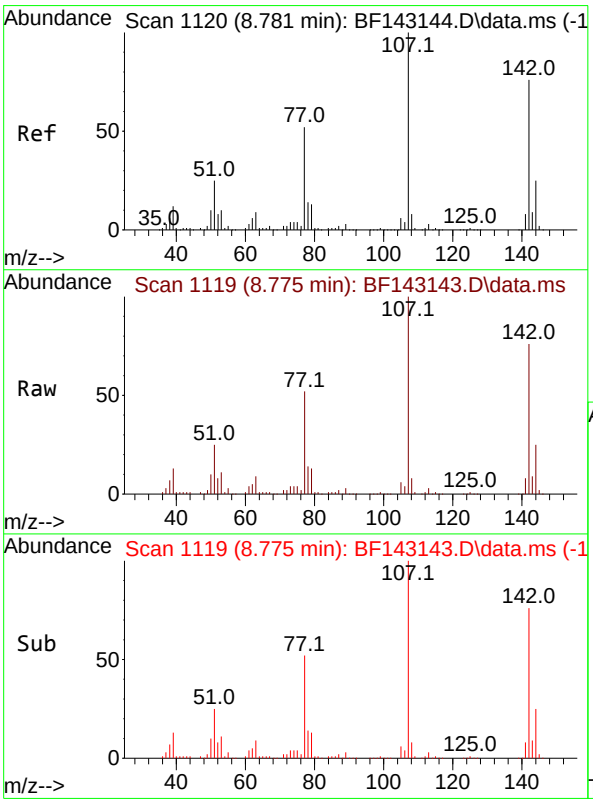

#35
Caprolactam
Concen: 19.911 ng
RT: 8.651 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:113 Resp: 53950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 202.9 | 174.0 | 214.0 |
| 56 | 152.2 | 126.6 | 166.6 |

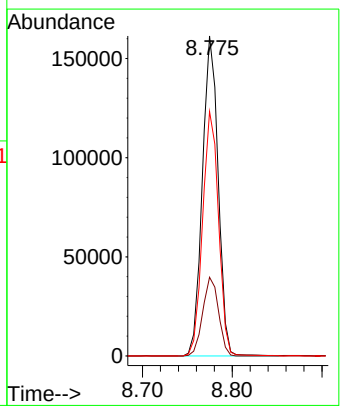


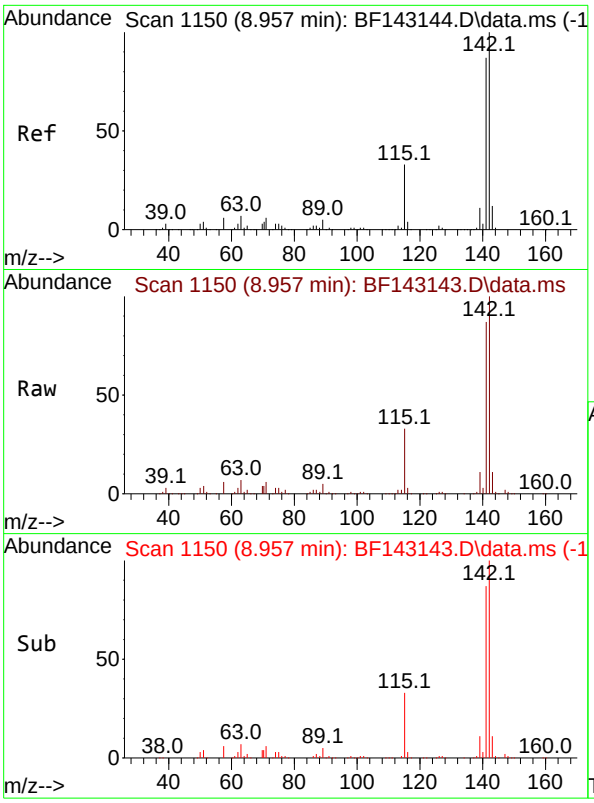




#36
4-Chloro-3-methylphenol
Concen: 20.246 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 197317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 19.8 | 29.6 |
| 142 | 76.4 | 60.6 | 90.8 |



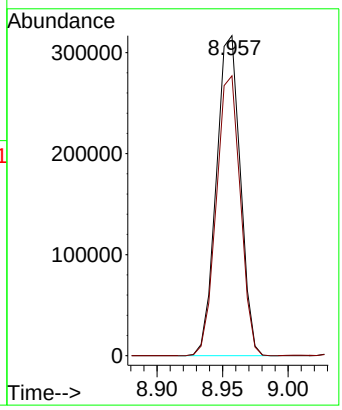


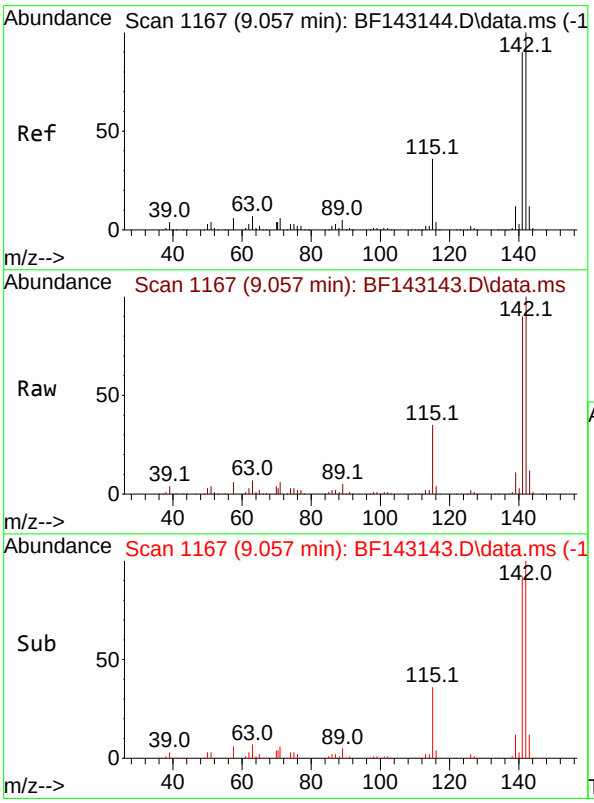

#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:142 Resp: 403298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 69.9 | 104.9 |

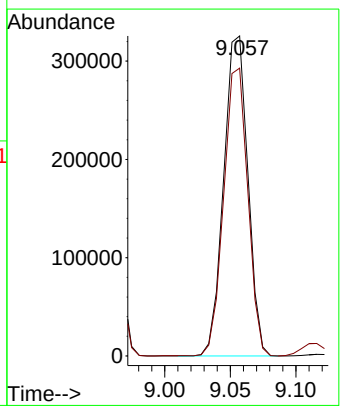


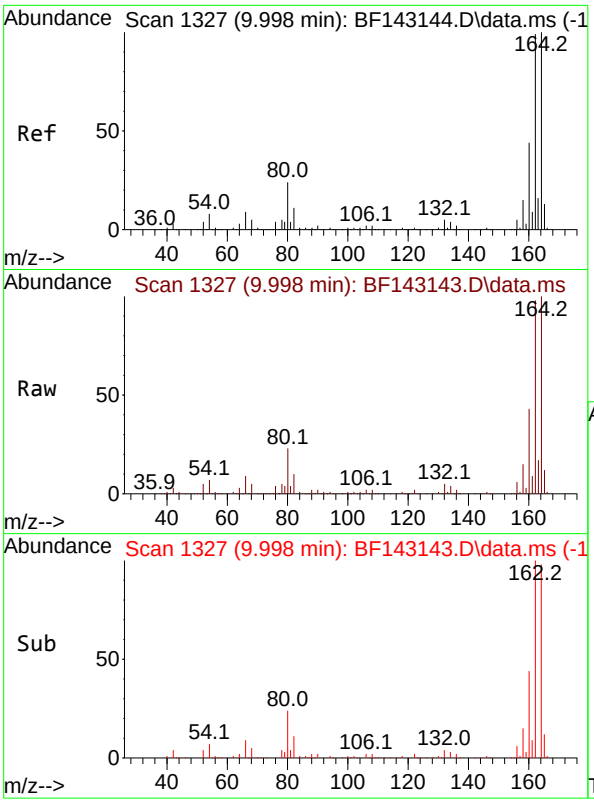




#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 72.3 | 108.5 |



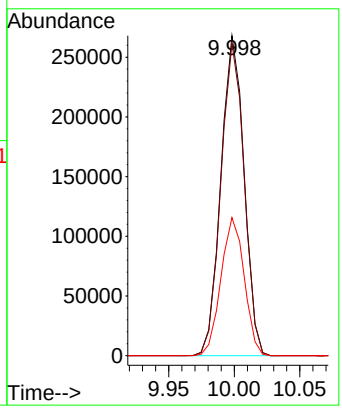


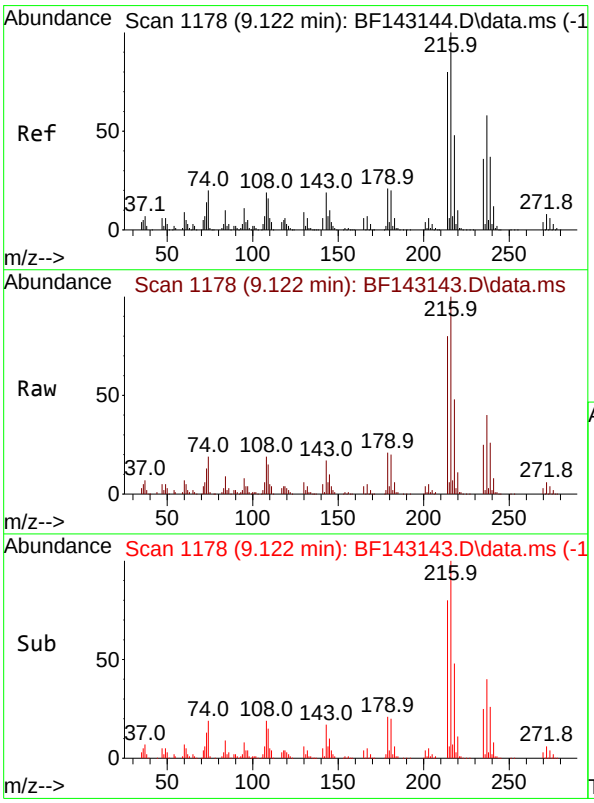

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:164 Resp: 329670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 79.0 | 118.6 |
| 160 | 43.2 | 35.1 | 52.7 |

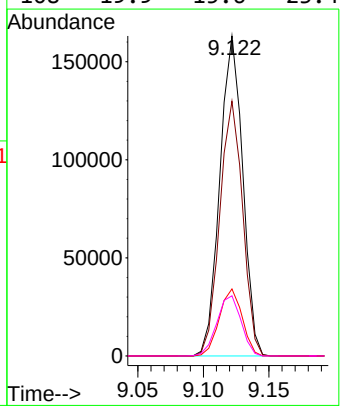


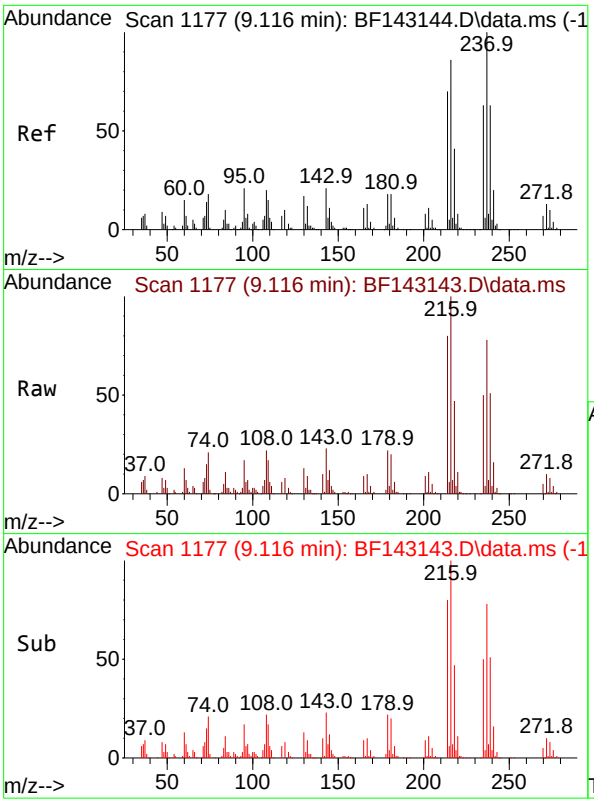




#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.804 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:216 Resp: 198009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.8 | 95.8 |
| 179 | 21.0 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |



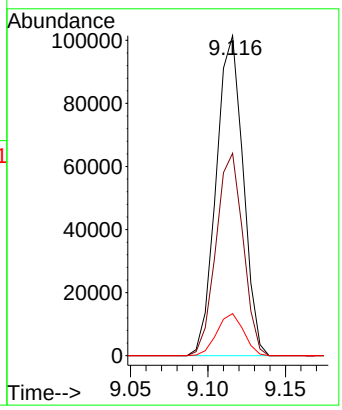


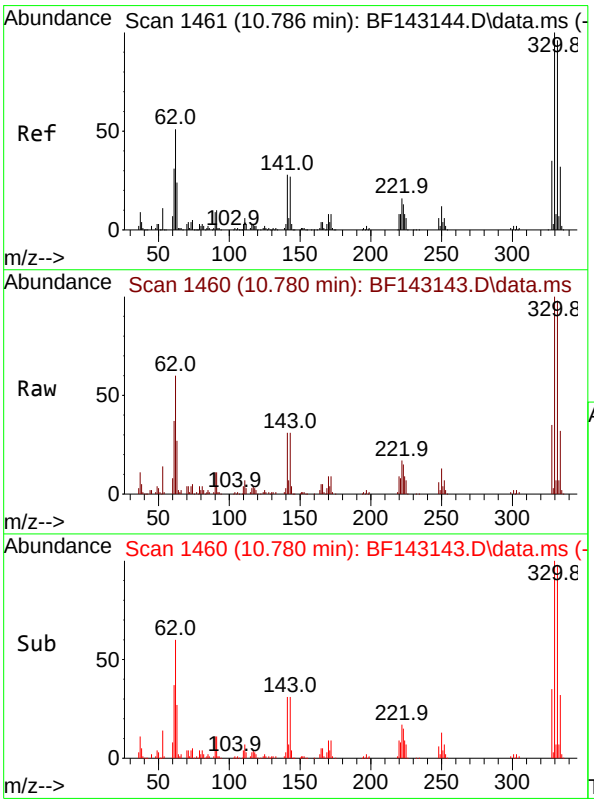

#41
Hexachlorocyclopentadiene
Concen: 19.848 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:237 Resp: 122922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |

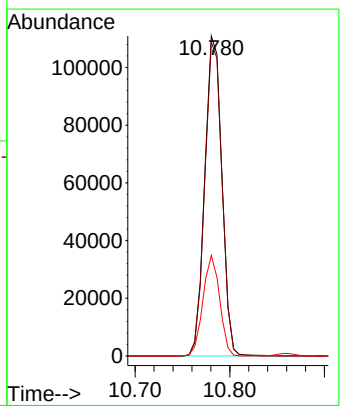


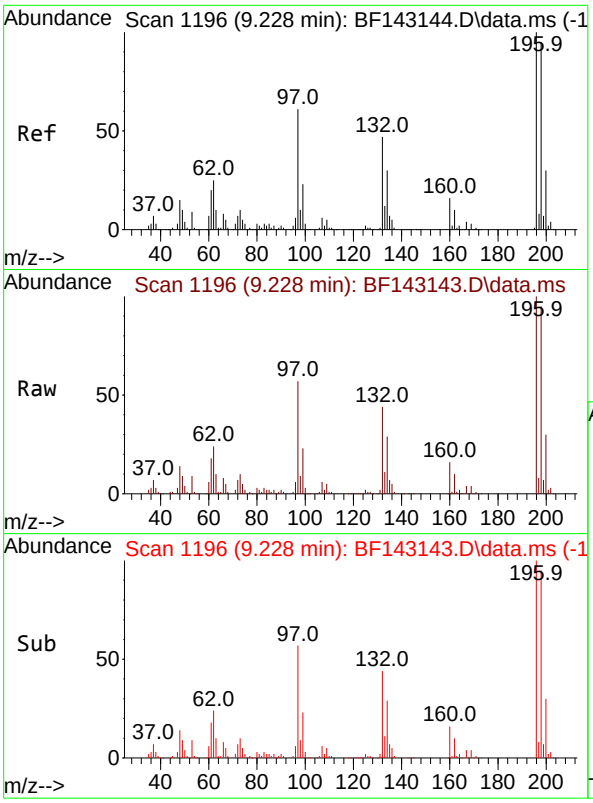




#42
2,4,6-Tribromophenol
Concen: 41.034 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:330 Resp: 139748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 76.7 | 115.1 |
| 141 | 30.4 | 23.3 | 34.9 |



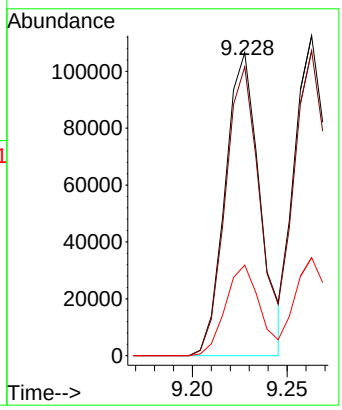


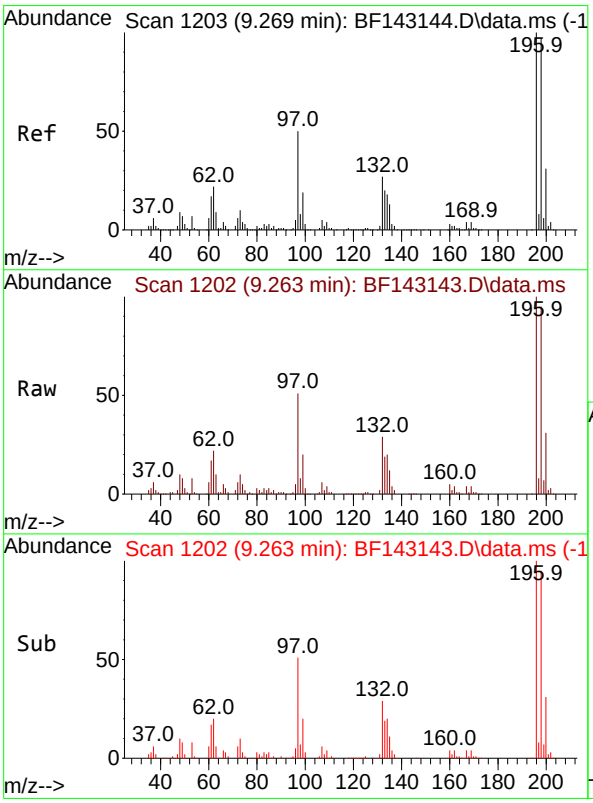

#43
2,4,6-Trichlorophenol
Concen: 20.601 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:196 Resp: 135703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |

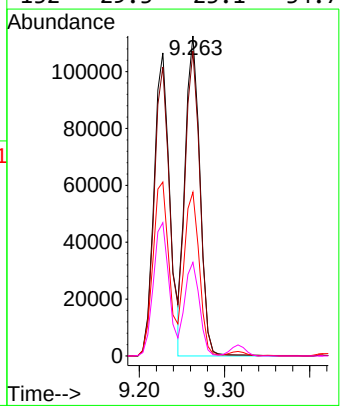


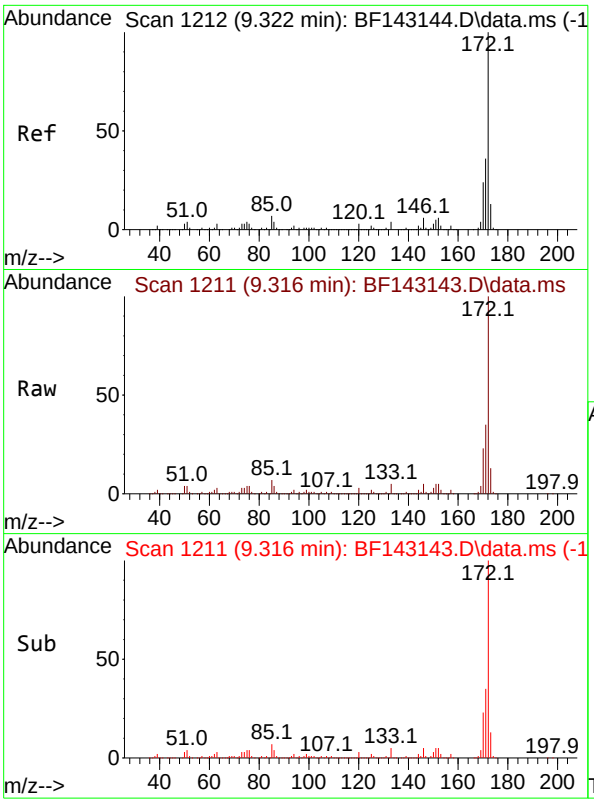




#44
2,4,5-Trichlorophenol
Concen: 20.584 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:196 Resp: 135634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 77.3 | 115.9 |
| 97 | 51.2 | 40.3 | 60.5 |
| 132 | 29.3 | 23.1 | 34.7 |



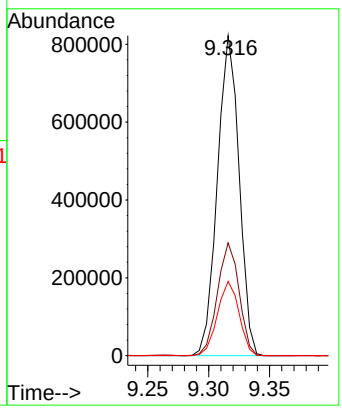


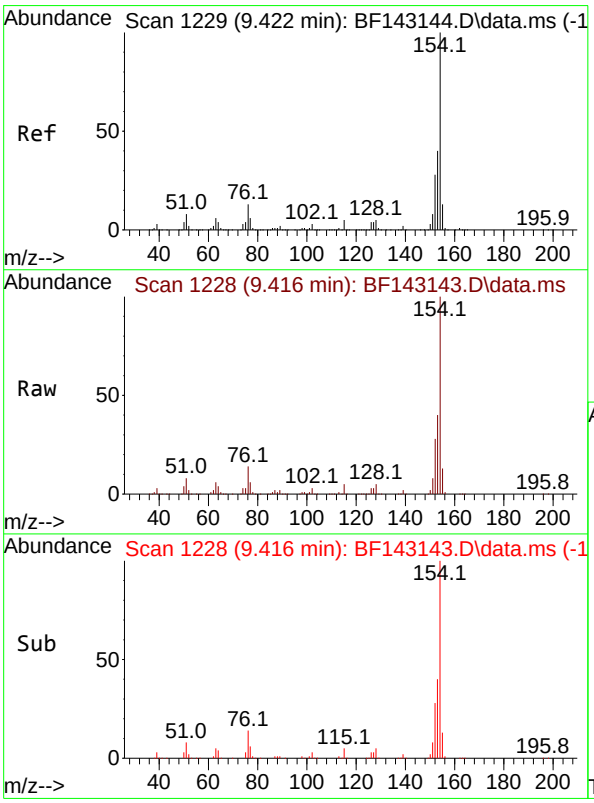

#45
2-Fluorobiphenyl
Concen: 42.301 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:172 Resp: 1019688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.6 | 42.8 |
| 170 | 23.2 | 18.8 | 28.2 |

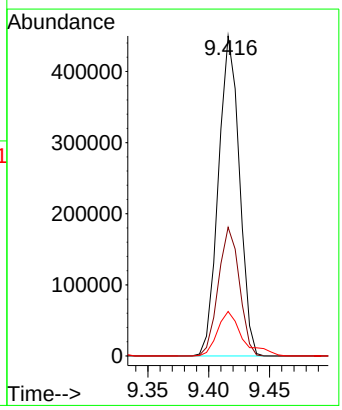


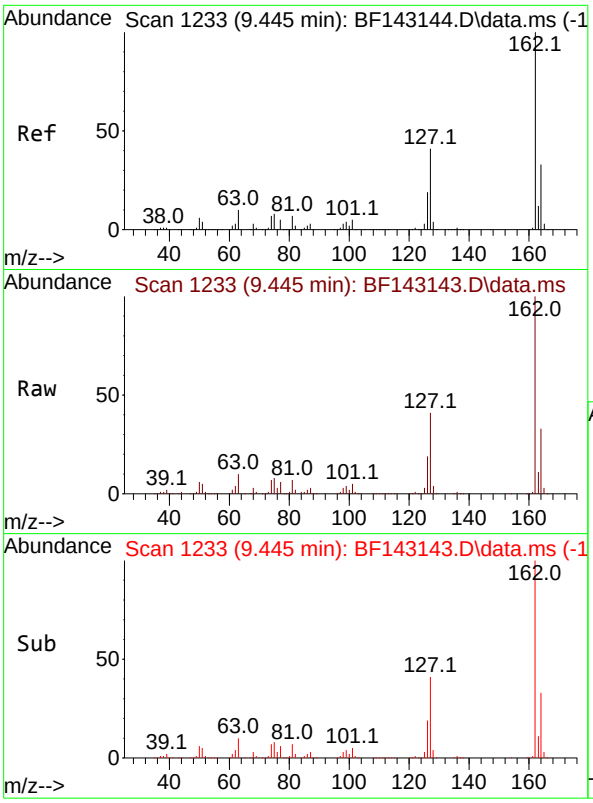




#46
1,1'-Biphenyl
Concen: 21.019 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 540637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.9 | 0.0 | 33.3 |



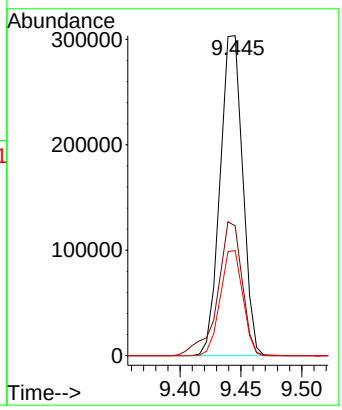


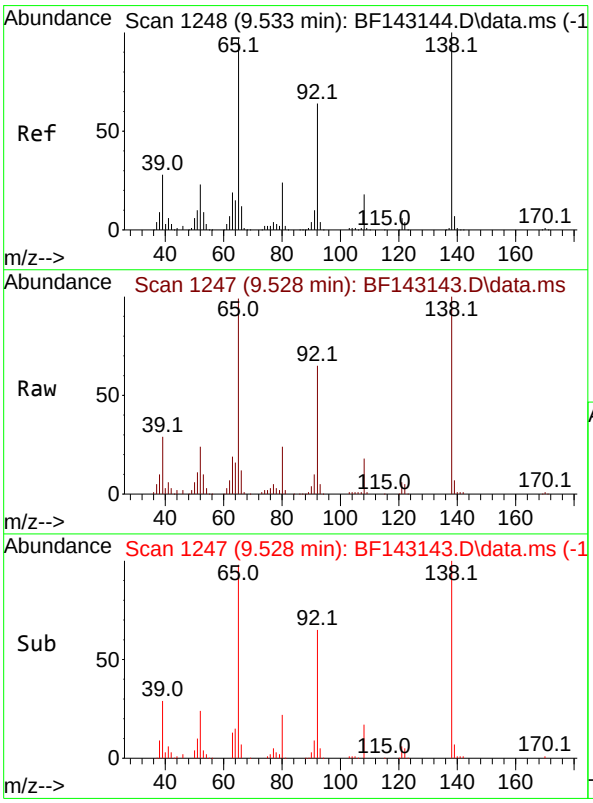

#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:162 Resp: 393002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.6 | 33.4 | 50.2 |
| 164 | 32.9 | 26.2 | 39.2 |

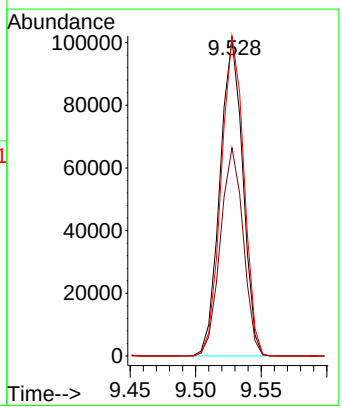


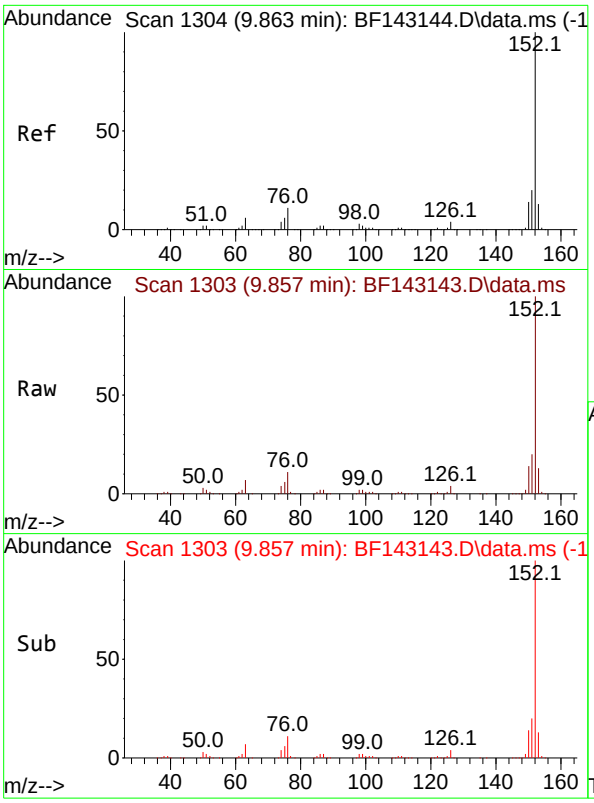




#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.6 | 52.4 | 78.6 |
| 138 | 100.8 | 82.3 | 123.5 |



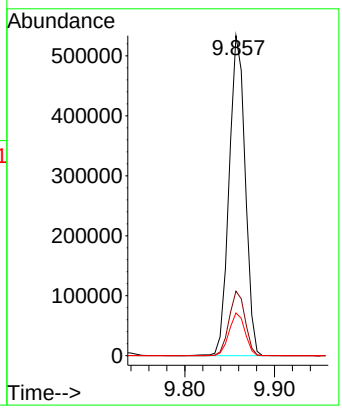


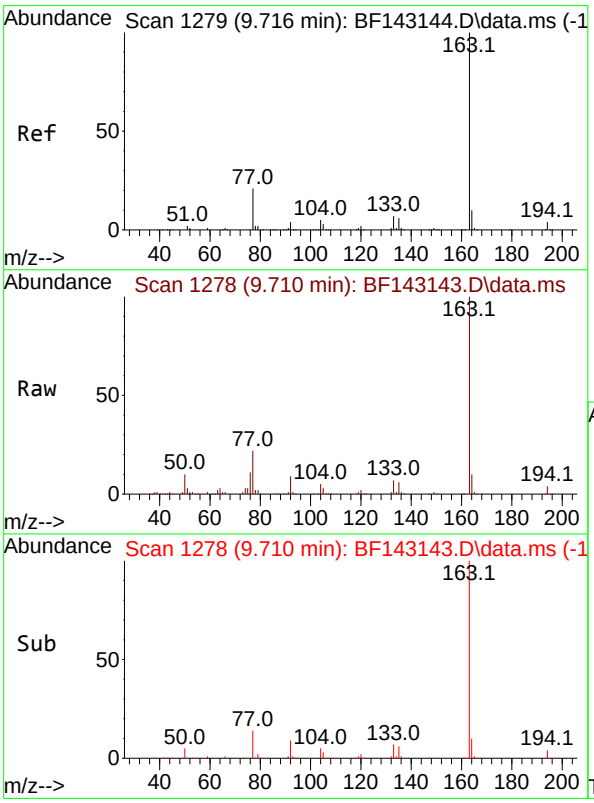

#49
Acenaphthylene
Concen: 20.789 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:152 Resp: 663048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |

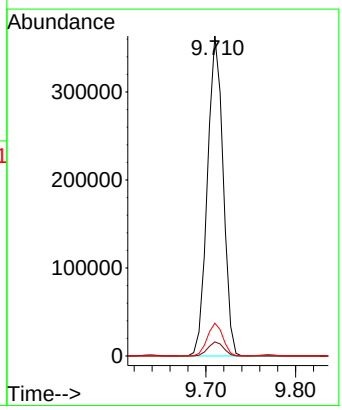


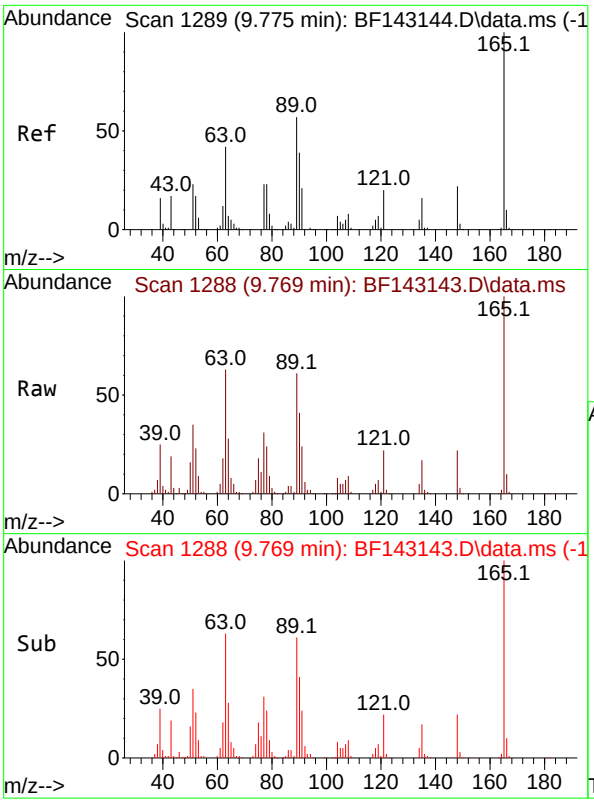




#50
Dimethylphthalate
Concen: 20.558 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:163 Resp: 441768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |



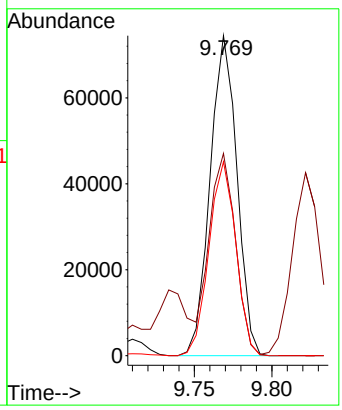


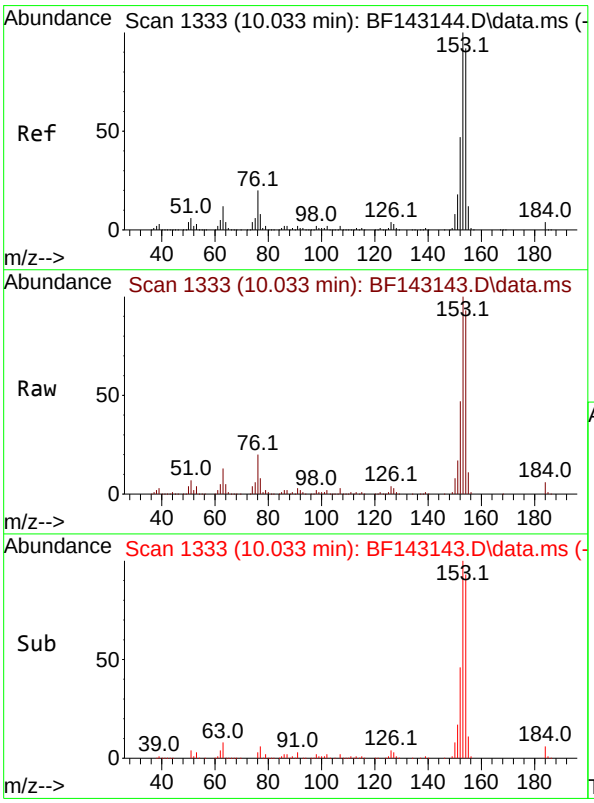

#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 89742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.2 | 49.4 | 74.2 |
| 89 | 60.6 | 46.2 | 69.2 |

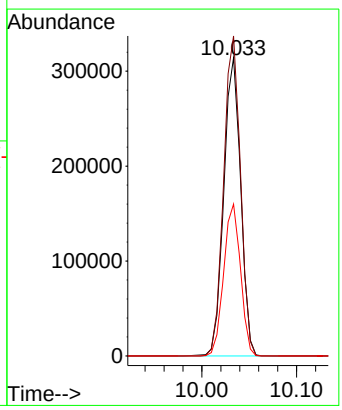


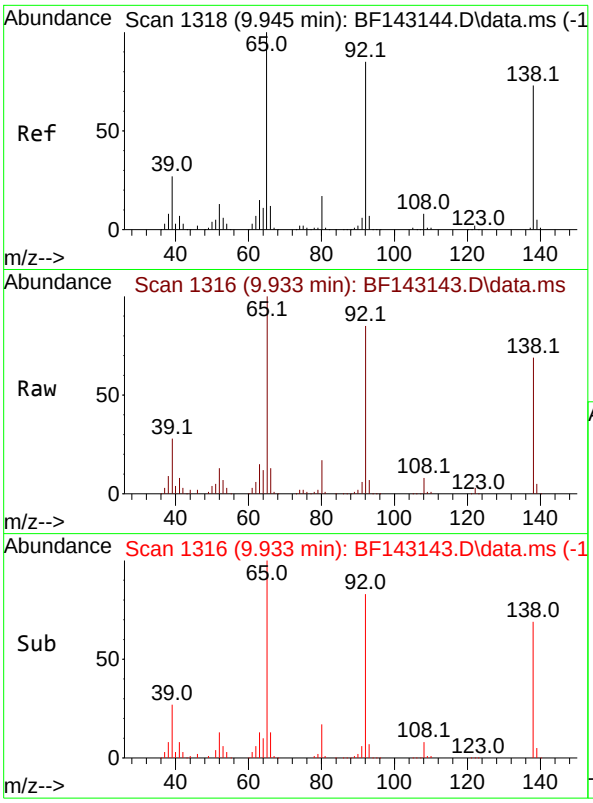




#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:154 Resp: 390249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.3 | 86.6 | 129.8 |
| 152 | 50.9 | 40.4 | 60.6 |



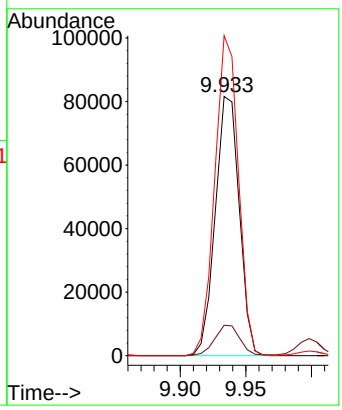


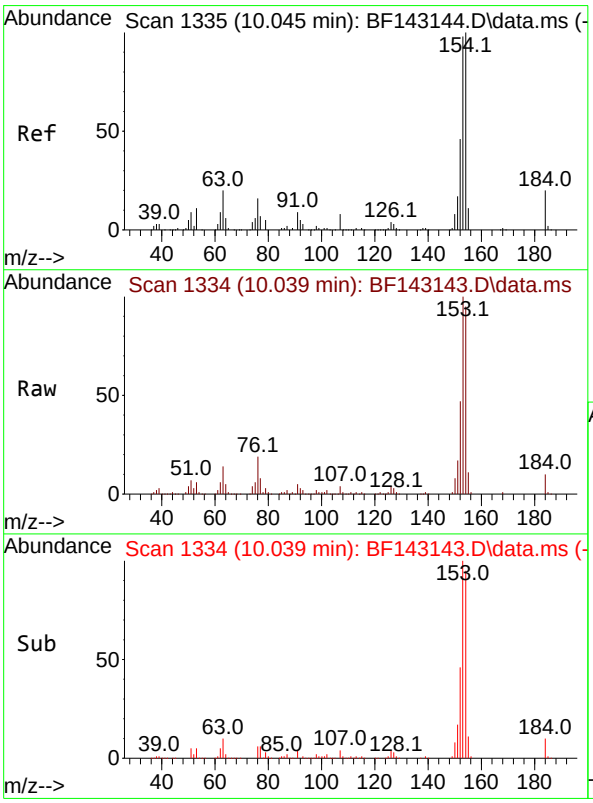

#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:138 Resp: 103870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.7 | 9.0 | 13.6 |
| 92 | 123.4 | 93.0 | 139.4 |

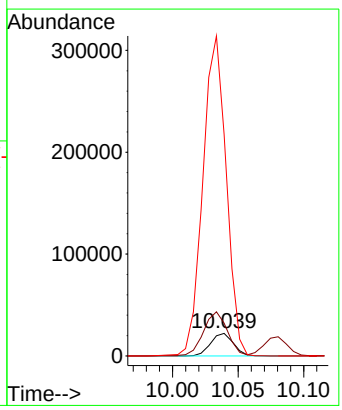


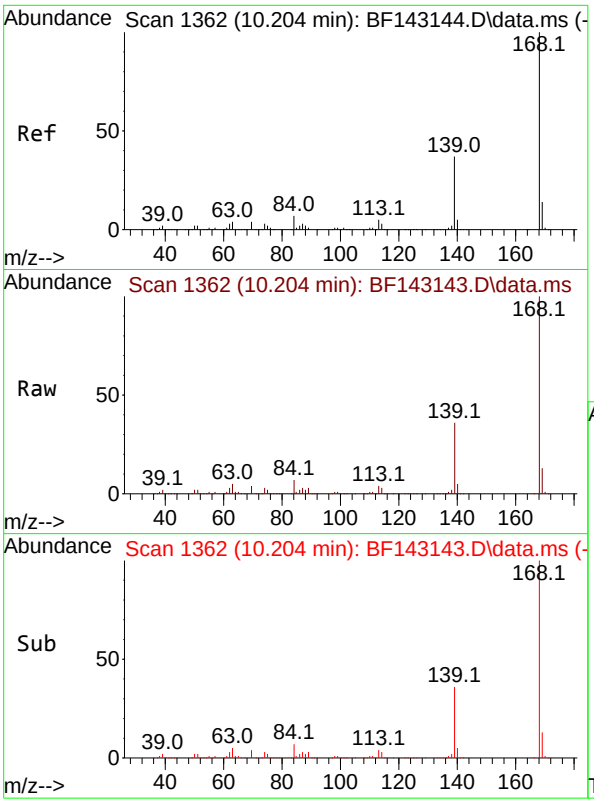




#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:184 Resp: 26820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 145.3 | 81.8 | 122.6# |
| 154 | 980.0 | 412.2 | 618.4# |



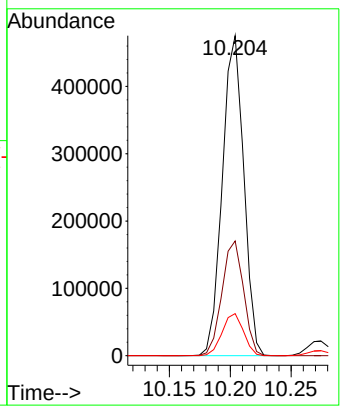


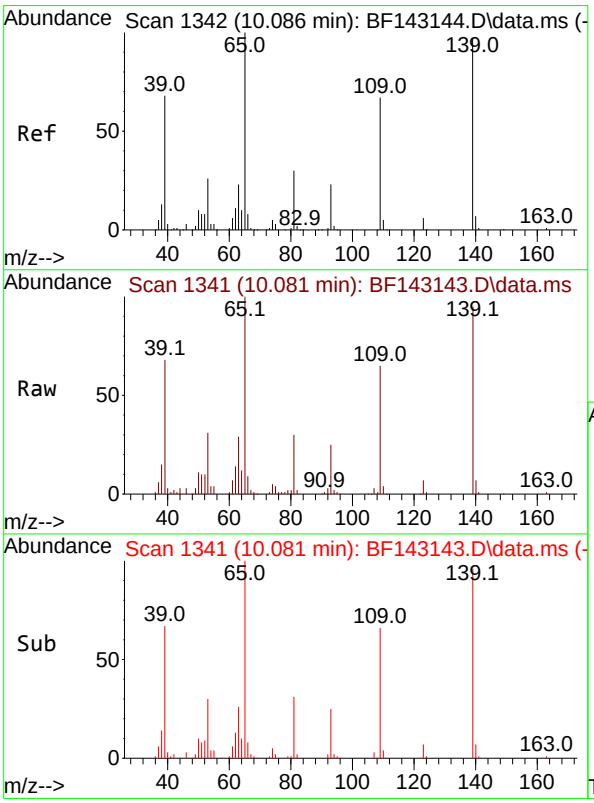

#55
Dibenzofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:168 Resp: 582320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 29.5 | 44.3 |
| 169 | 13.1 | 10.9 | 16.3 |

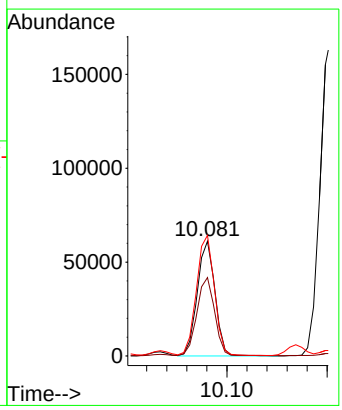


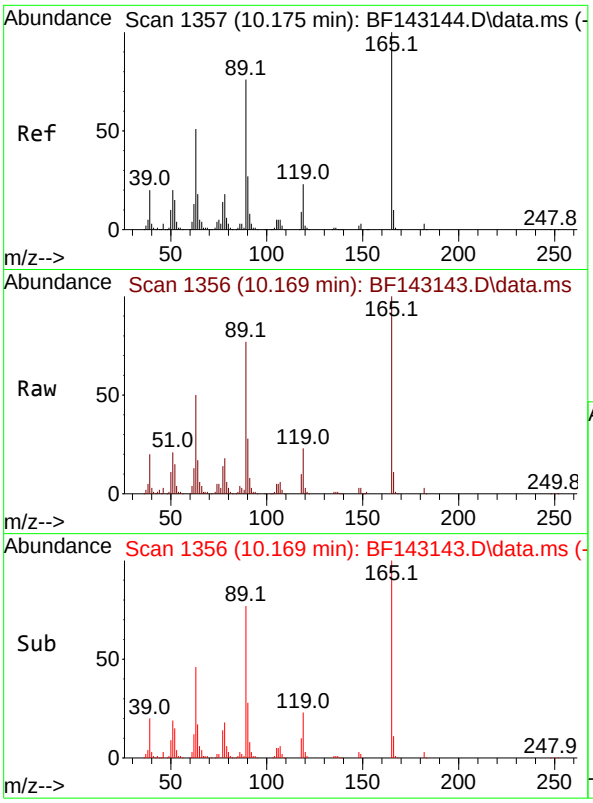




#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 75275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.3 | 48.5 | 88.5 |
| 65 | 105.1 | 83.4 | 123.4 |



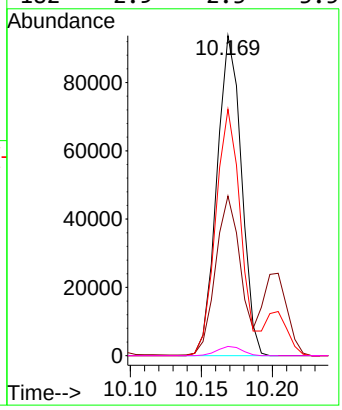


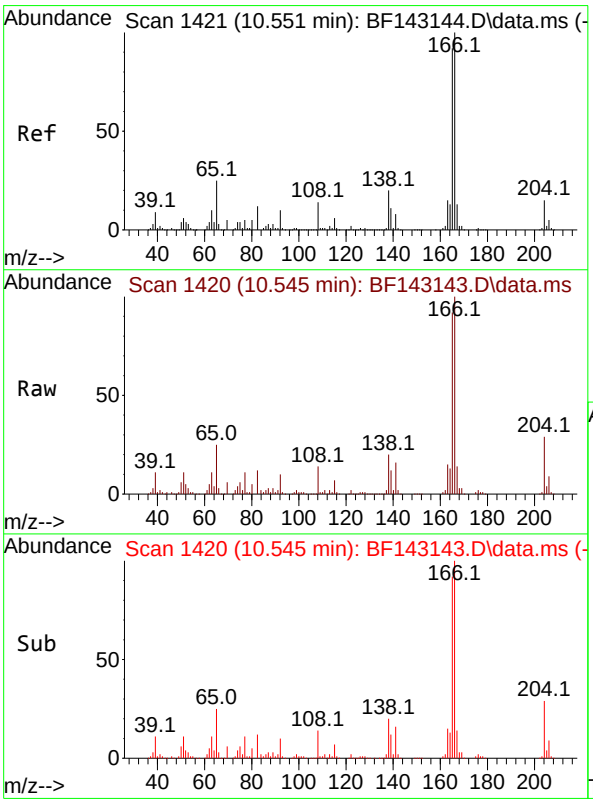

#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:165 Resp: 112851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.9 | 41.0 | 61.4 |
| 89 | 77.0 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |

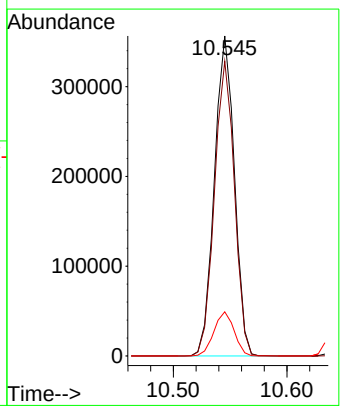


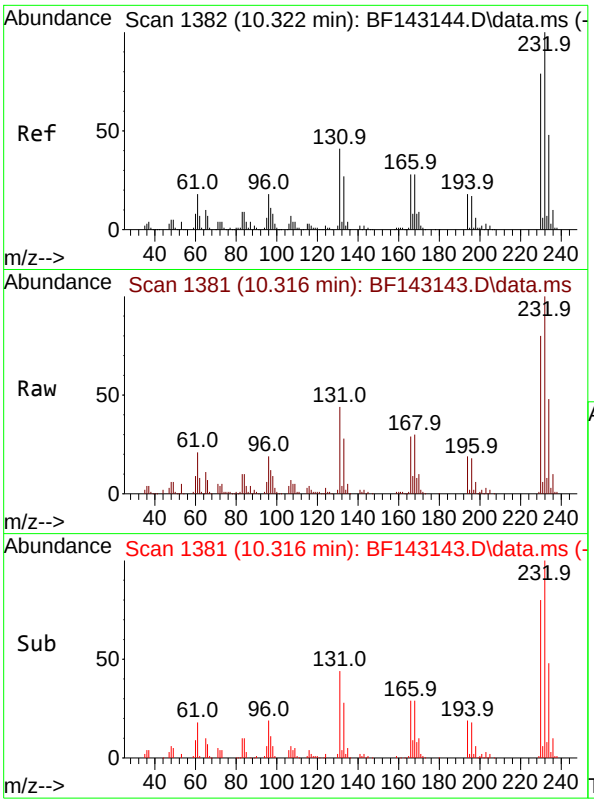




#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:166 Resp: 435866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.8 | 10.6 | 16.0 |



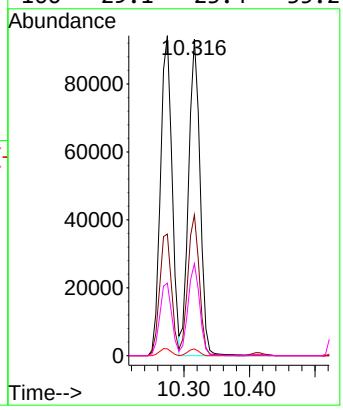


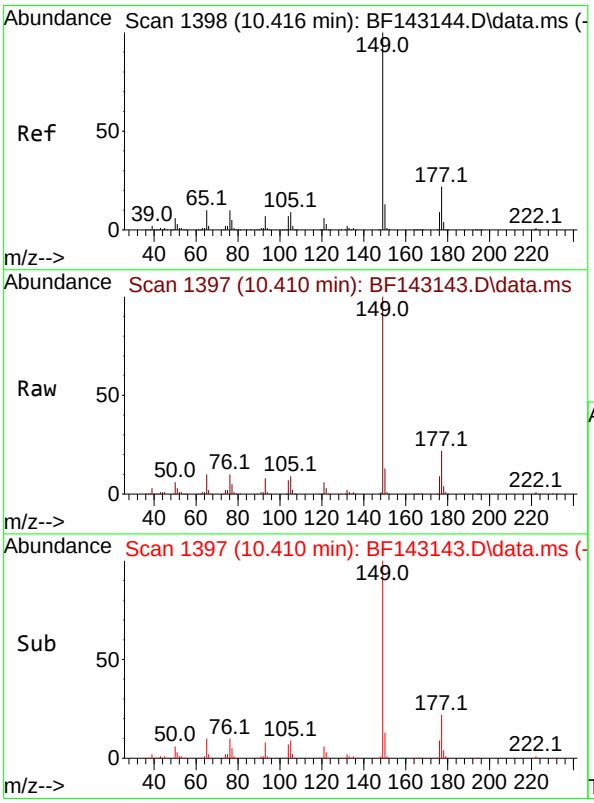

#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:232 Resp: 113851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.3 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 29.1 | 23.4 | 35.2 |

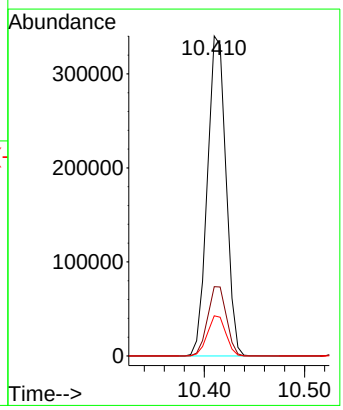


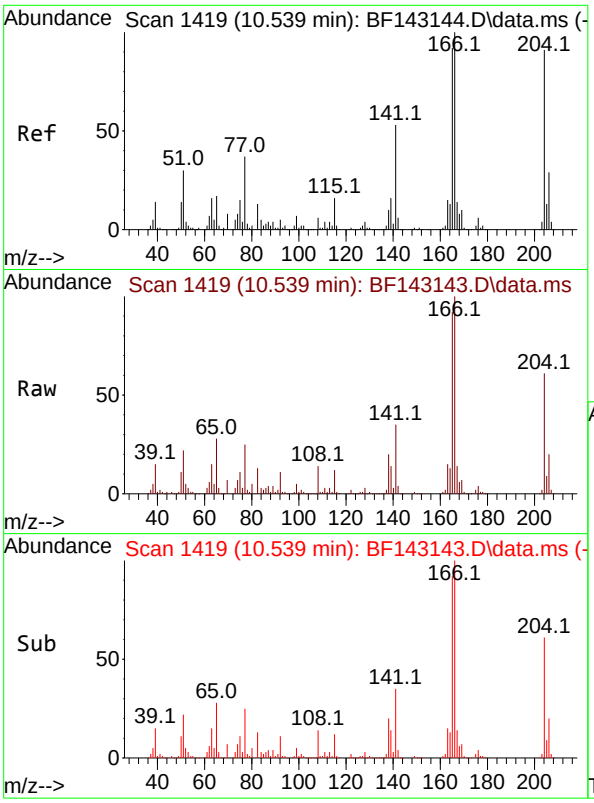




#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 440058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |



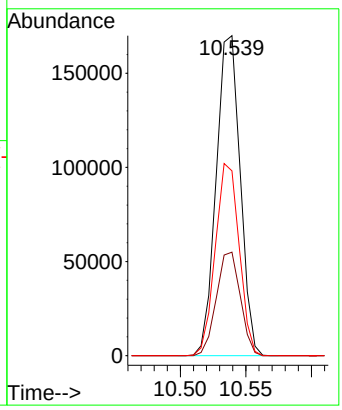


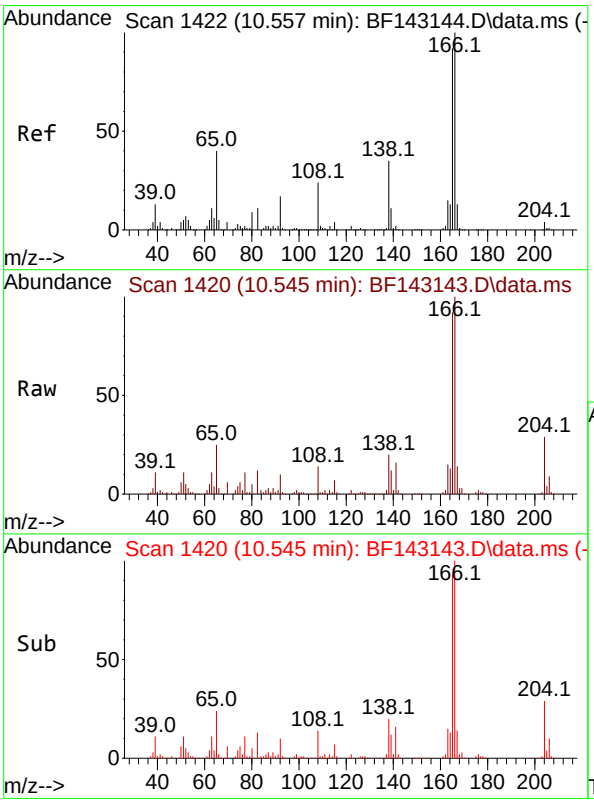

#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:204 Resp: 216496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 57.8 | 47.0 | 70.4 |

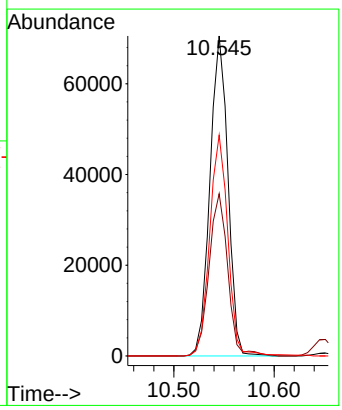


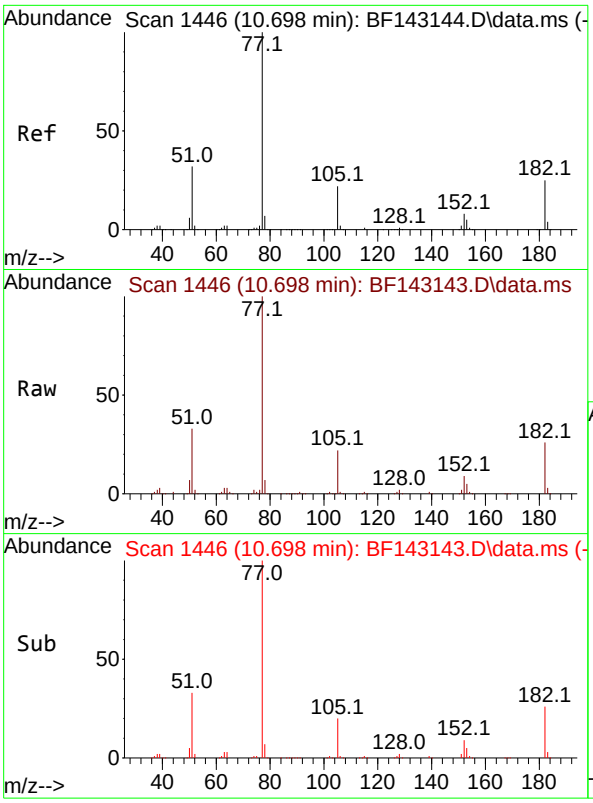




#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:138 Resp: 87666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 29.3 | 69.3 |
| 108 | 69.0 | 48.3 | 88.3 |



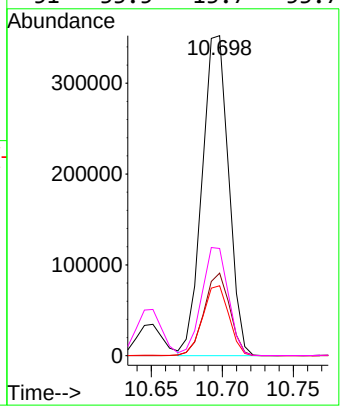


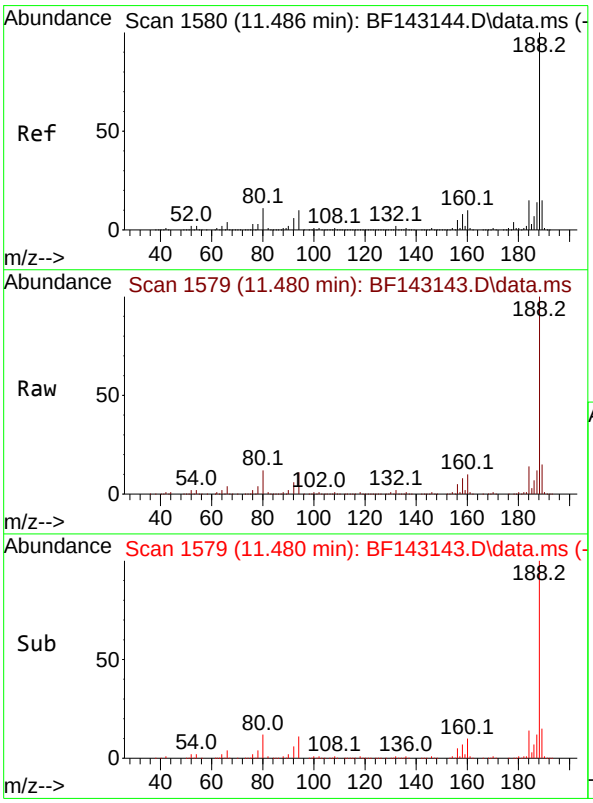

#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion: 77 Resp: 458013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.8 | 4.6 | 44.6 |
| 105 | 21.8 | 1.4 | 41.4 |
| 51 | 33.5 | 13.7 | 53.7 |

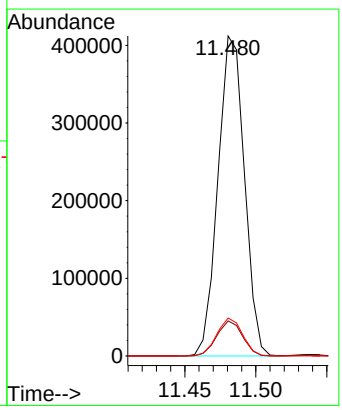


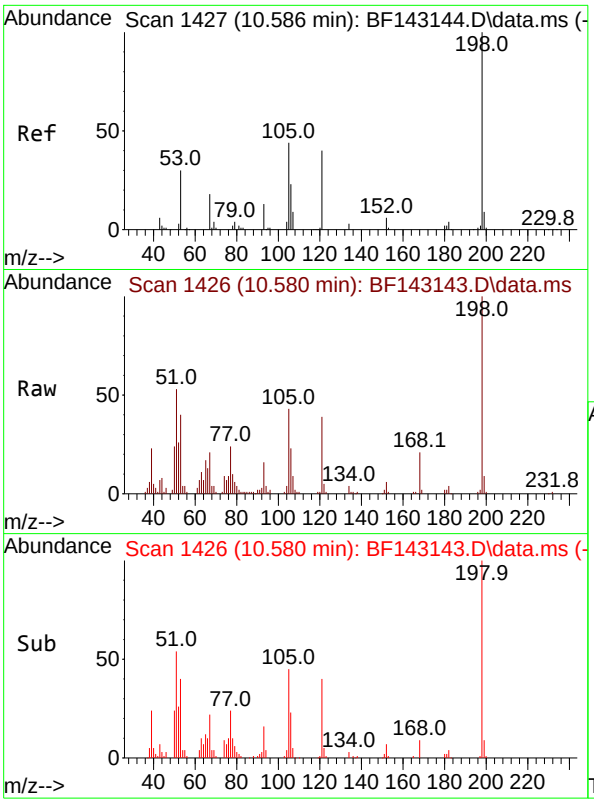




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:188 Resp: 532921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 8.3 | 12.5 |
| 80 | 11.9 | 9.0 | 13.6 |



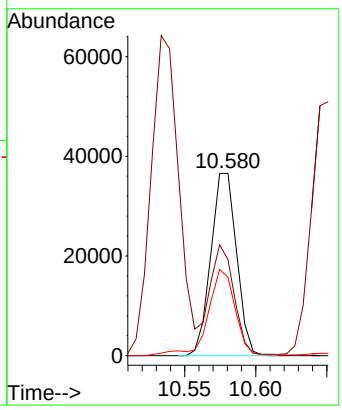


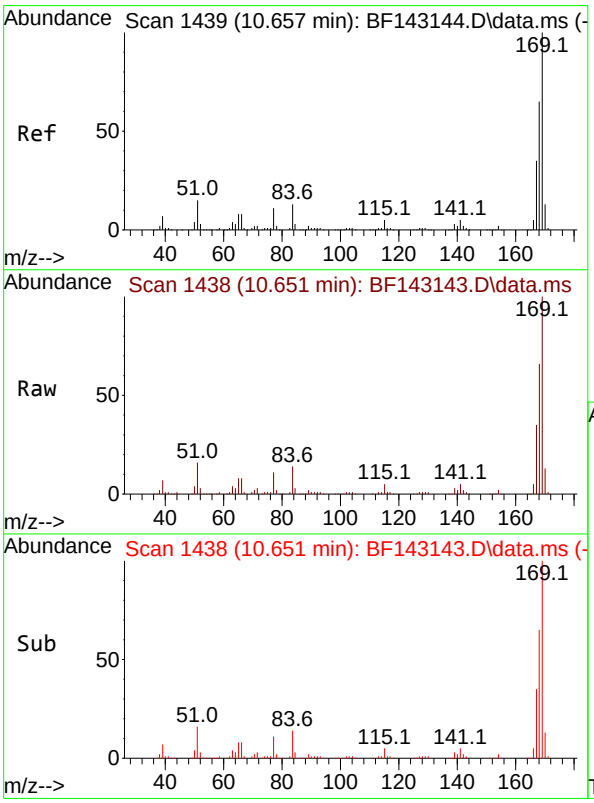

#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:198 Resp: 46122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.7 | 37.2 | 77.2 |
| 105 | 43.1 | 24.8 | 64.8 |

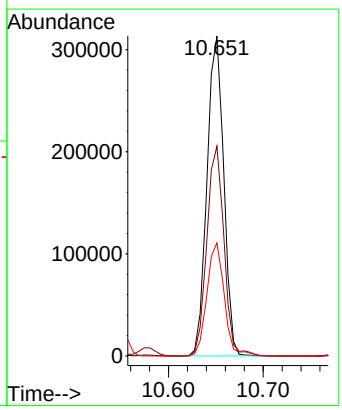


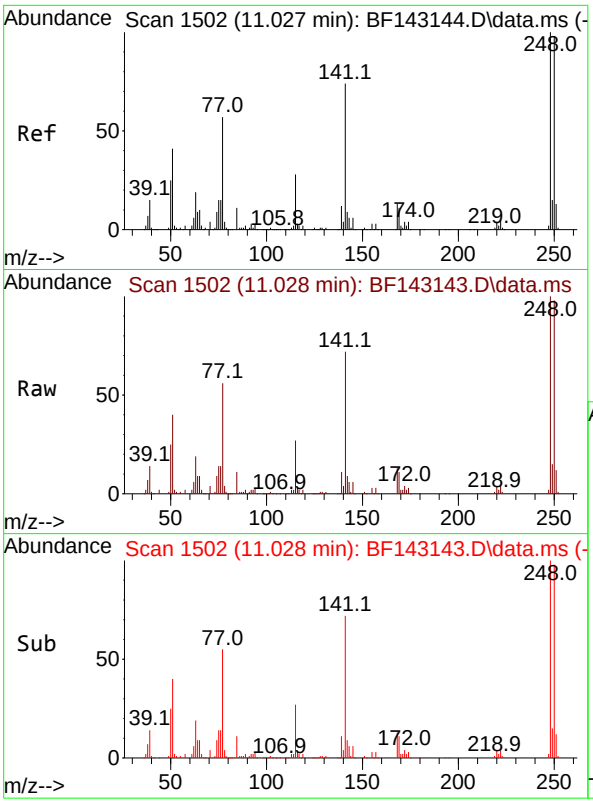




#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:169 Resp: 384467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 52.1 | 78.1 |
| 167 | 35.4 | 28.2 | 42.2 |



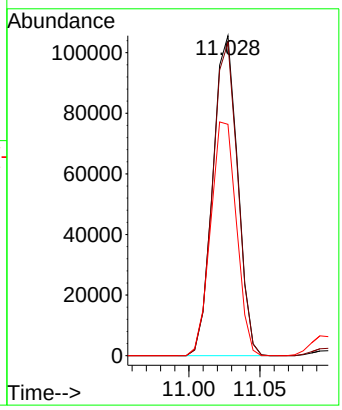


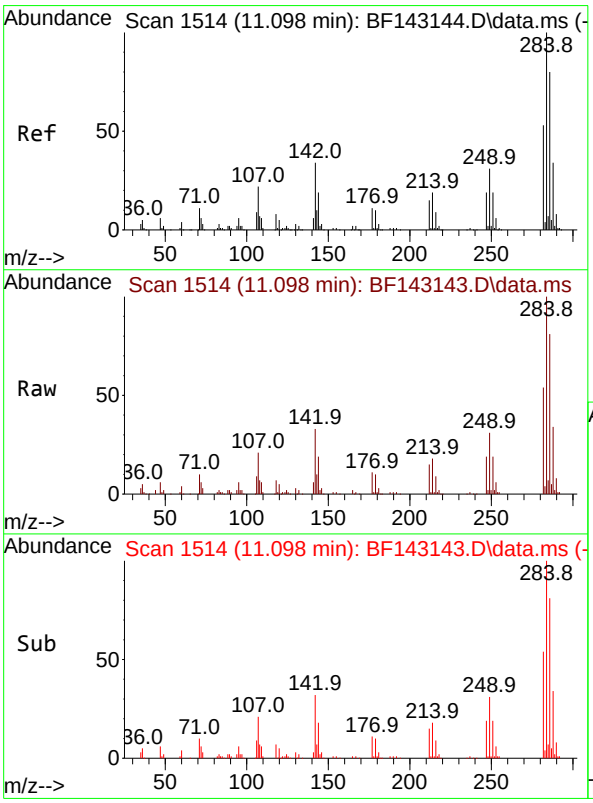

#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:248 Resp: 128663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 78.3 | 117.5 |
| 141 | 72.3 | 59.2 | 88.8 |

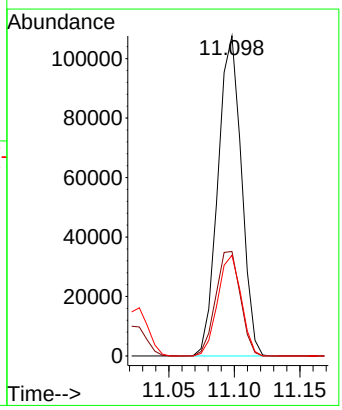


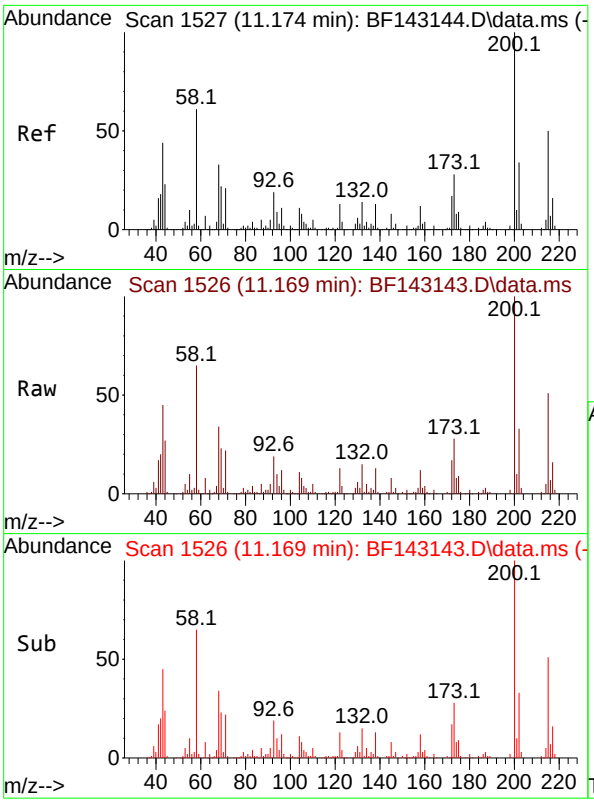




#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:284 Resp: 134031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.7 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |



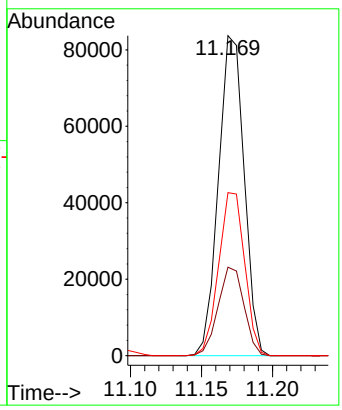


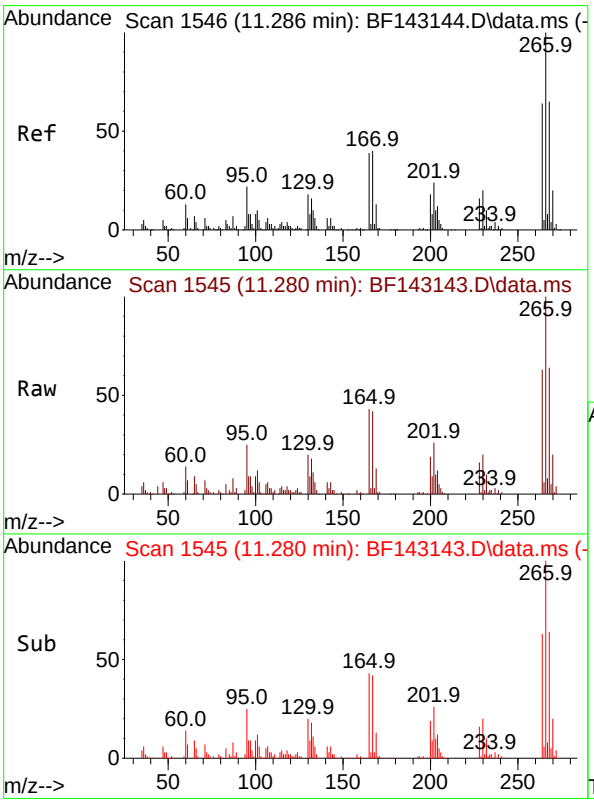

#69
Atrazine
Concen: 20.370 ng
RT: 11.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:200 Resp: 105386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.7 | 7.9 | 47.9 |
| 215 | 51.0 | 30.1 | 70.1 |

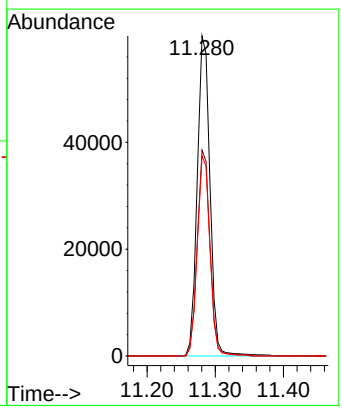


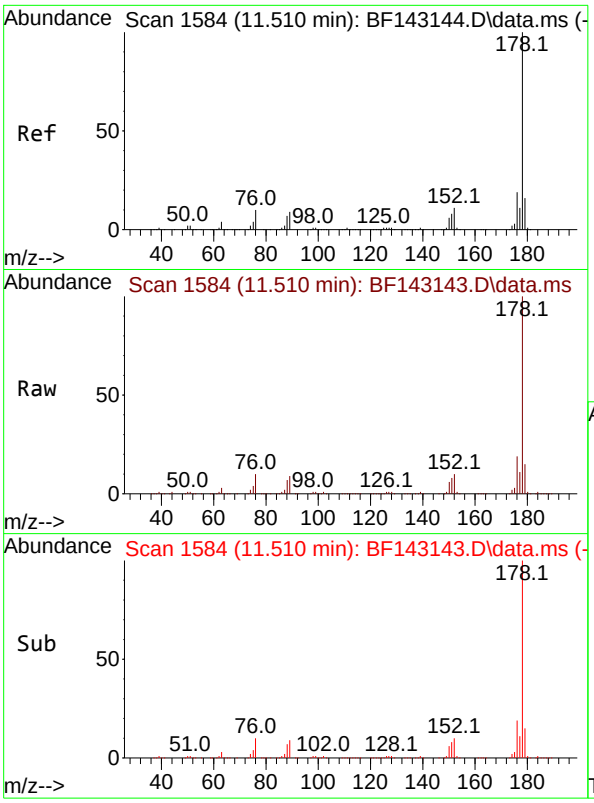




#70
Pentachlorophenol
Concen: 19.957 ng
RT: 11.280 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:266 Resp: 77906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.9 | 77.9 |
| 264 | 62.6 | 51.0 | 76.6 |



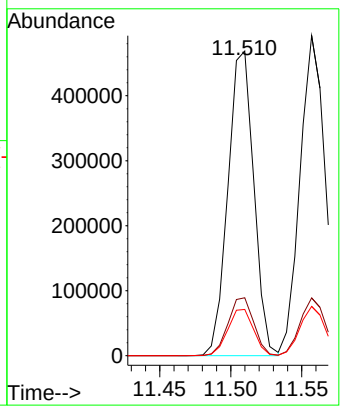


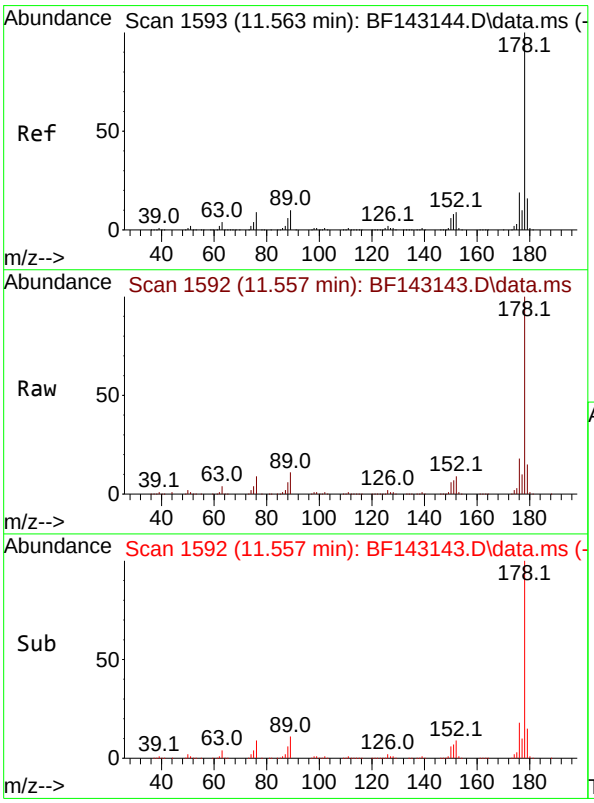

#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:178 Resp: 595411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.2 | 12.5 | 18.7 |

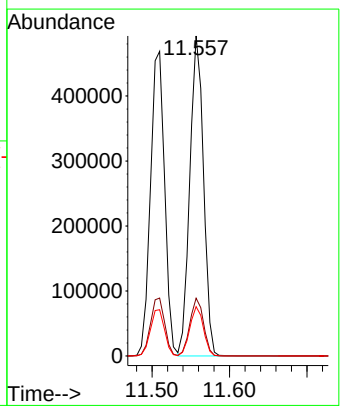


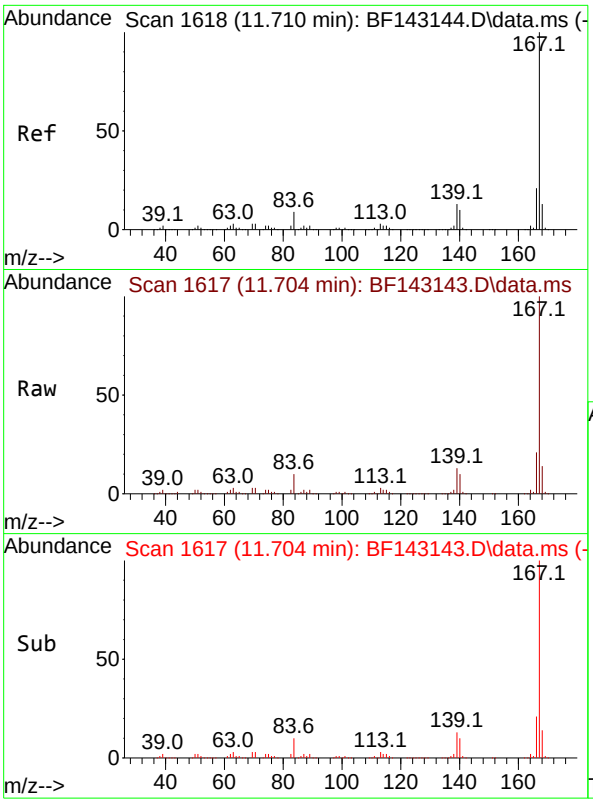




#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:178 Resp: 604416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |



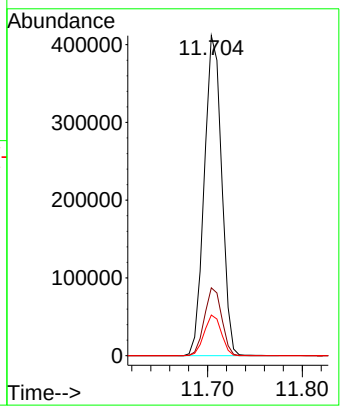


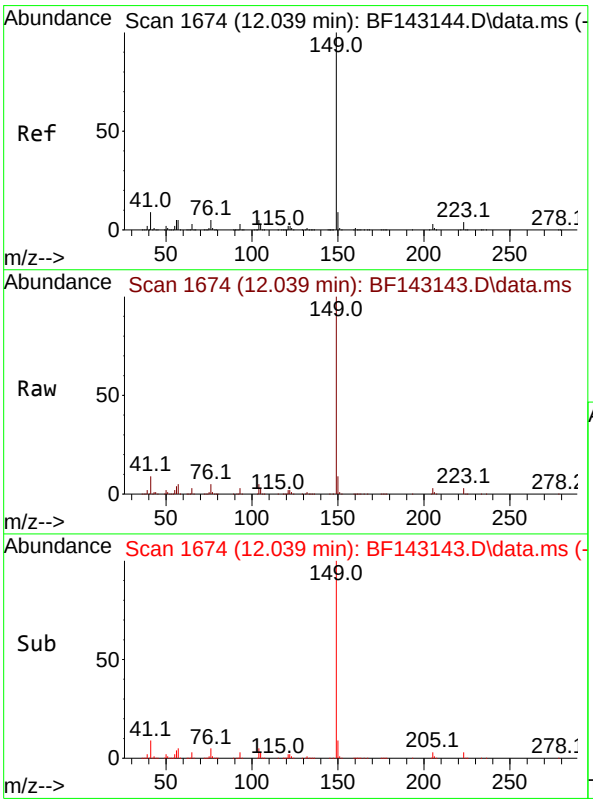

#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:167 Resp: 523365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.7 | 10.0 | 15.0 |

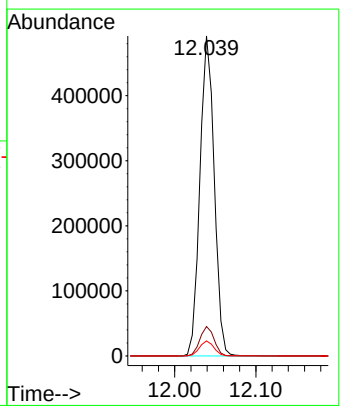


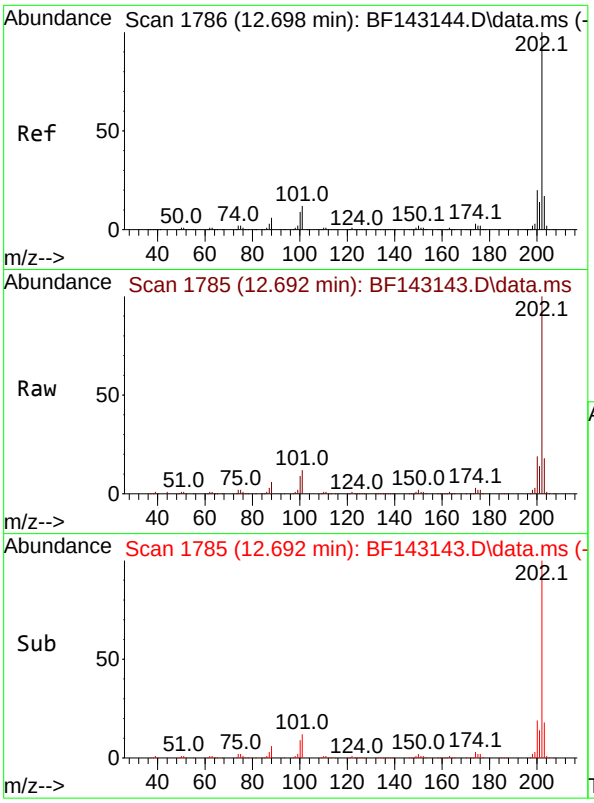




#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 601867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



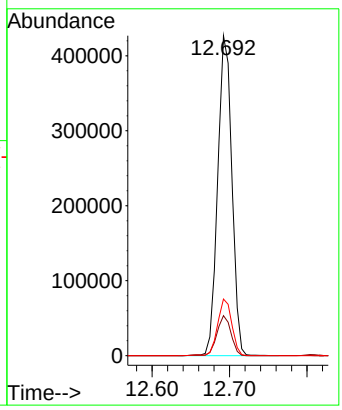


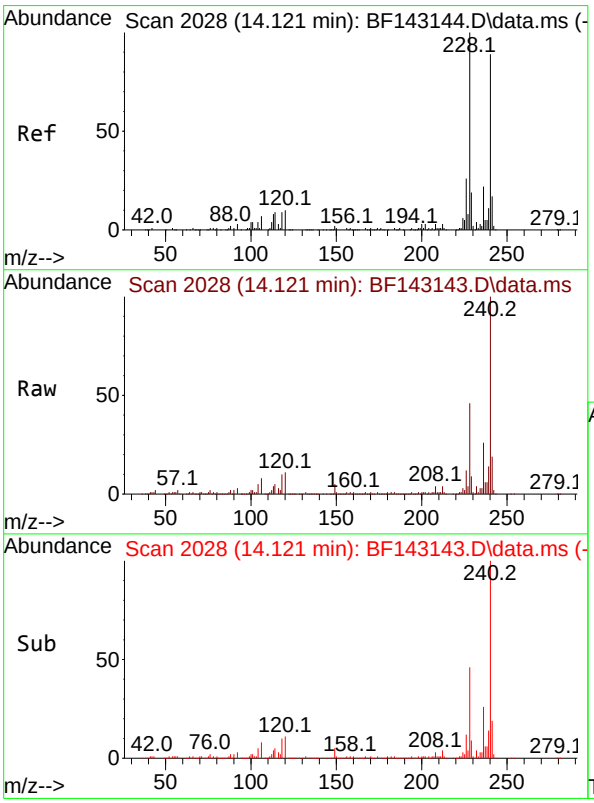

#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:202 Resp: 542662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 31.7 |
| 203 | 17.7 | 0.0 | 37.4 |

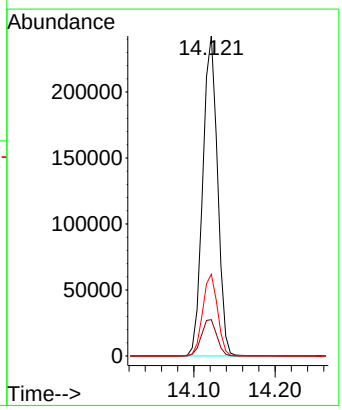


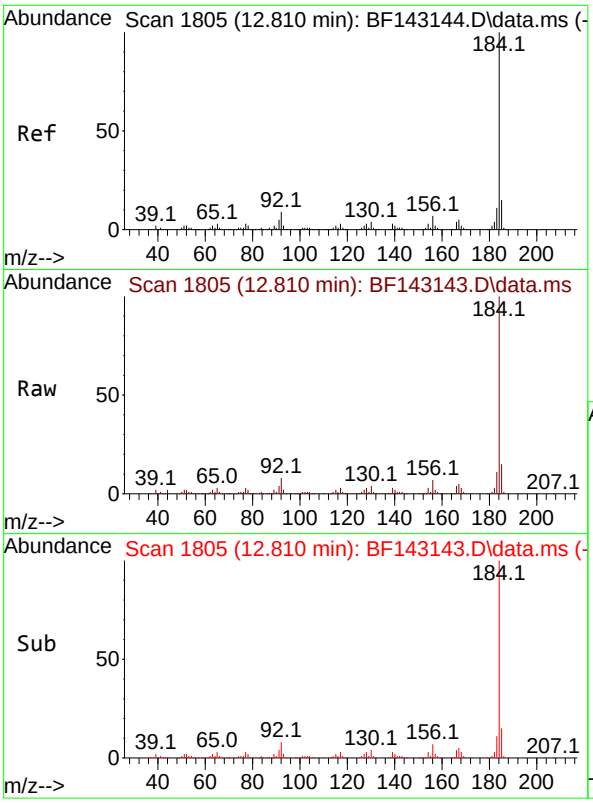




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:240 Resp: 305398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 9.4 | 14.2 |
| 236 | 25.5 | 20.2 | 30.4 |



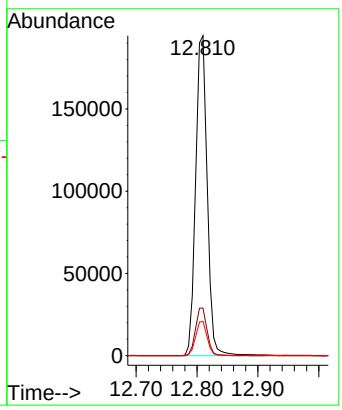


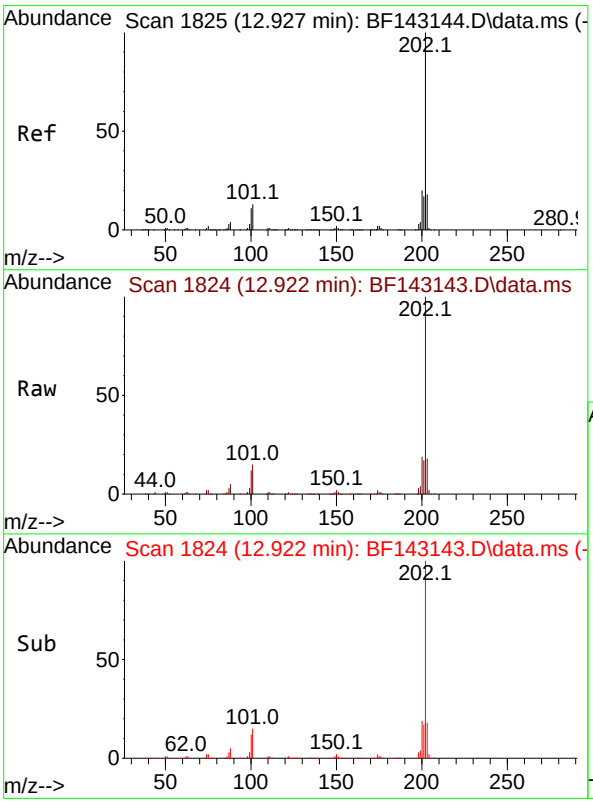

#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:184 Resp: 257904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 12.2 | 18.4 |
| 183 | 10.7 | 9.0 | 13.4 |

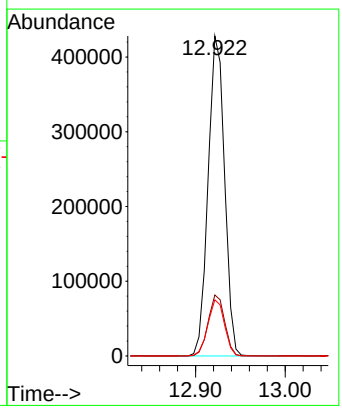


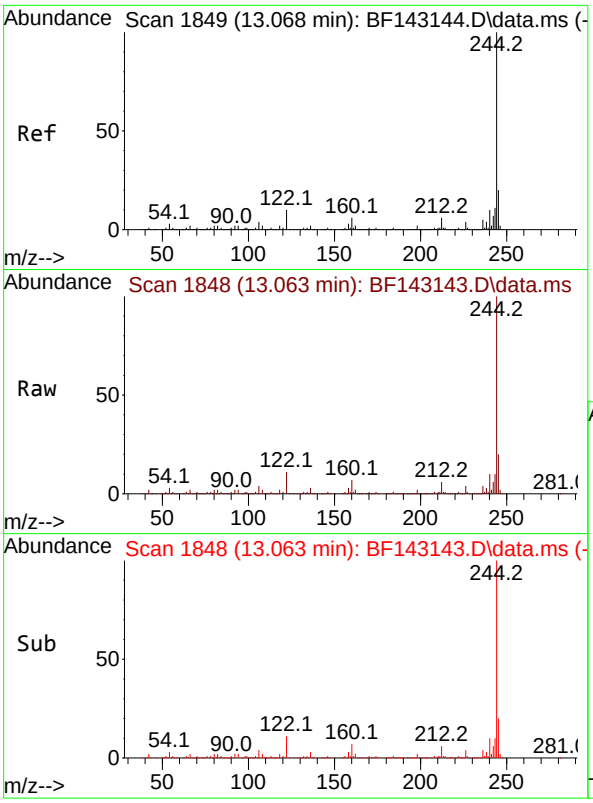




#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.1 | 15.7 | 23.5 |
| 203 | 17.6 | 14.2 | 21.2 |



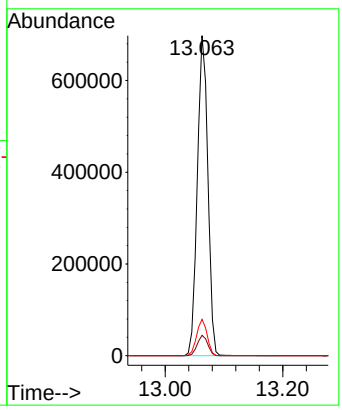


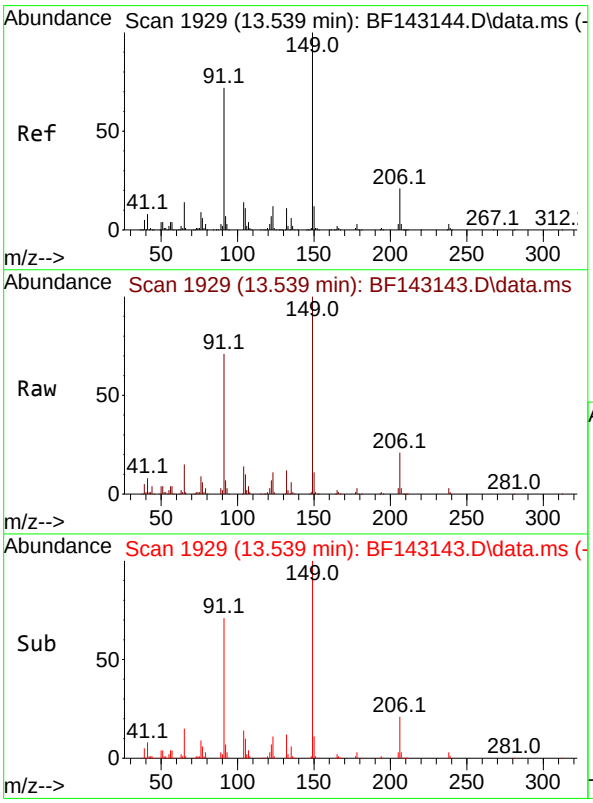

#79
Terphenyl-d14
Concen: 42.238 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:244 Resp: 866830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.2 | 7.8 |
| 122 | 11.3 | 8.2 | 12.2 |

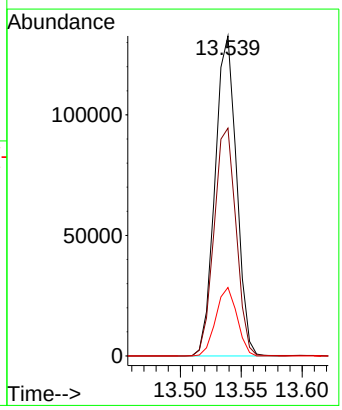


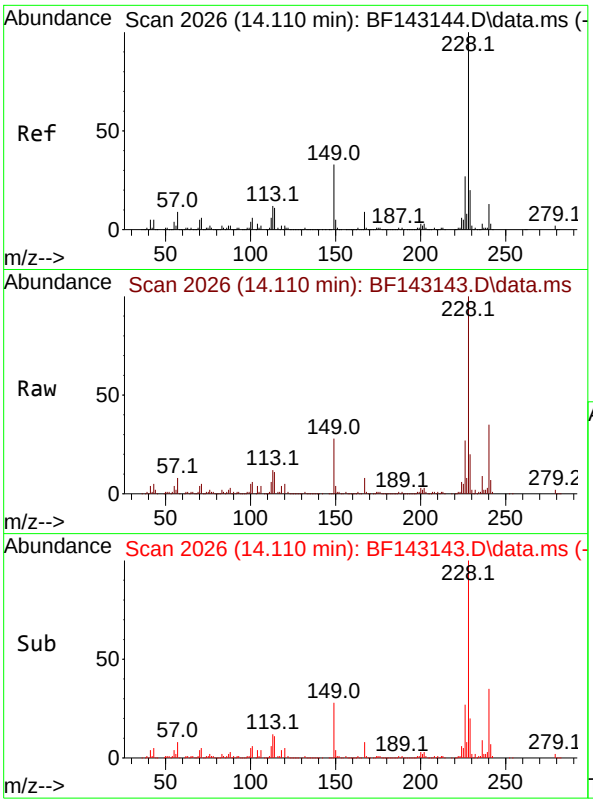




#80
Butylbenzylphthalate
Concen: 20.491 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 163546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.2 | 57.9 | 86.9 |
| 206 | 21.4 | 17.0 | 25.4 |



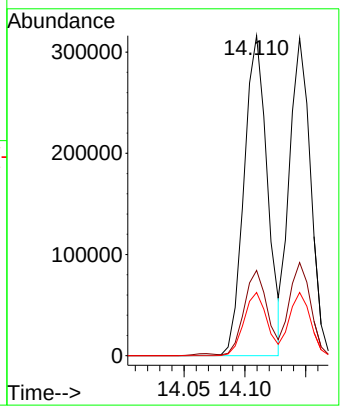


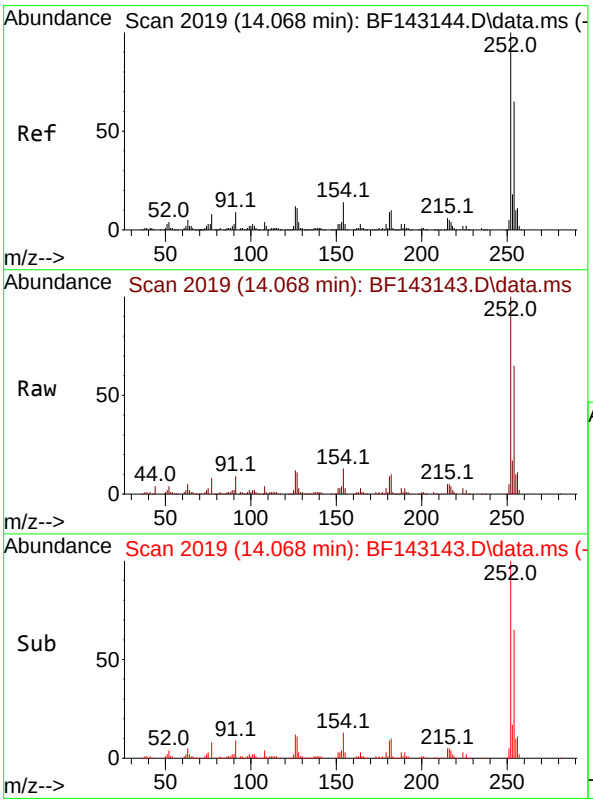

#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 421791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.8 | 15.8 | 23.6 |

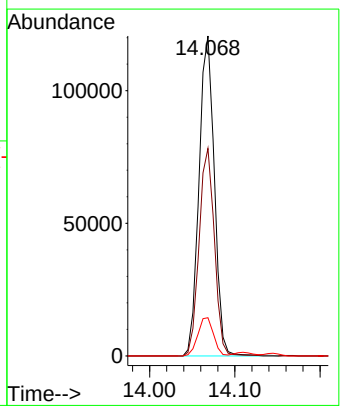


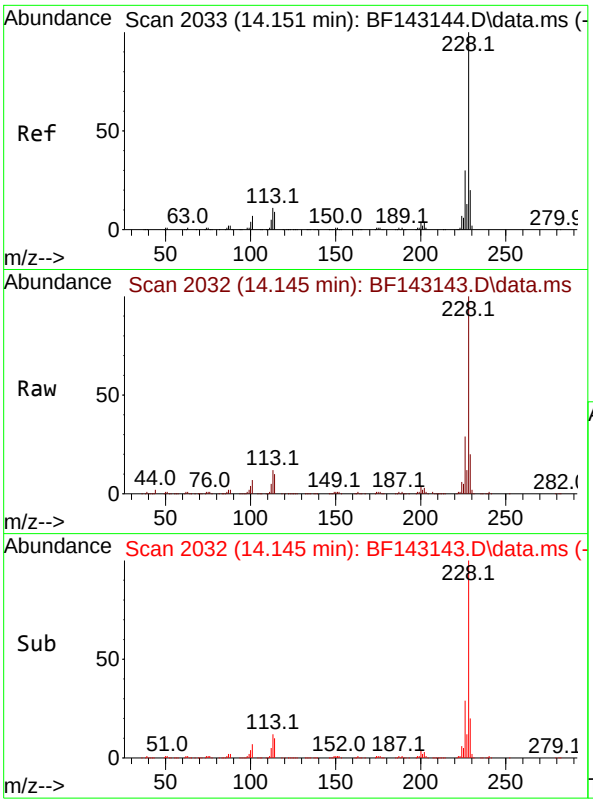




#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 151153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.7 | 77.5 |
| 126 | 12.0 | 9.4 | 14.0 |



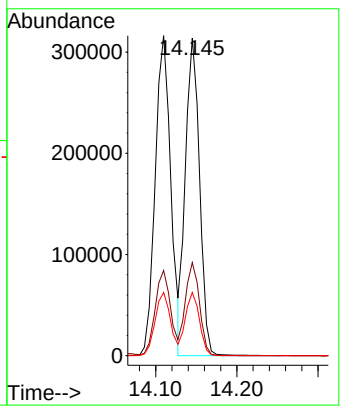


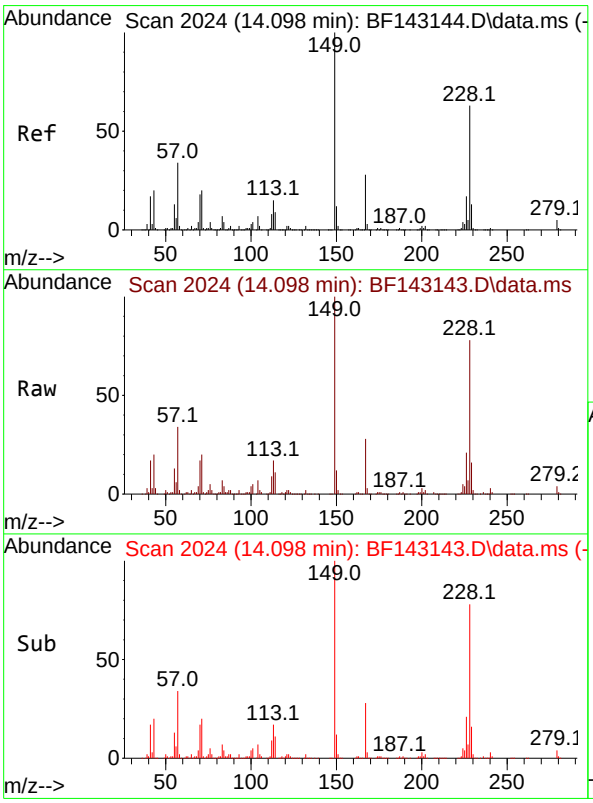

#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:228 Resp: 380799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 23.8 | 35.8 |
| 229 | 19.9 | 15.6 | 23.4 |

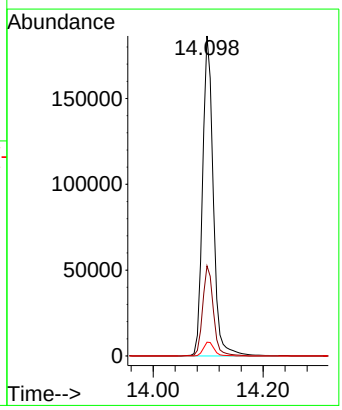


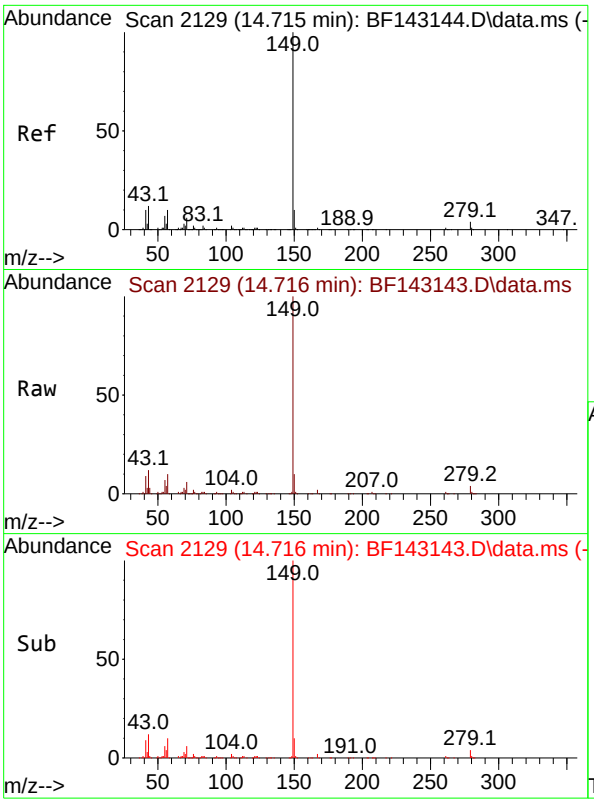




#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:149 Resp: 251739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |



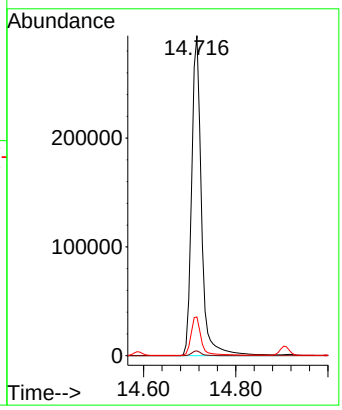


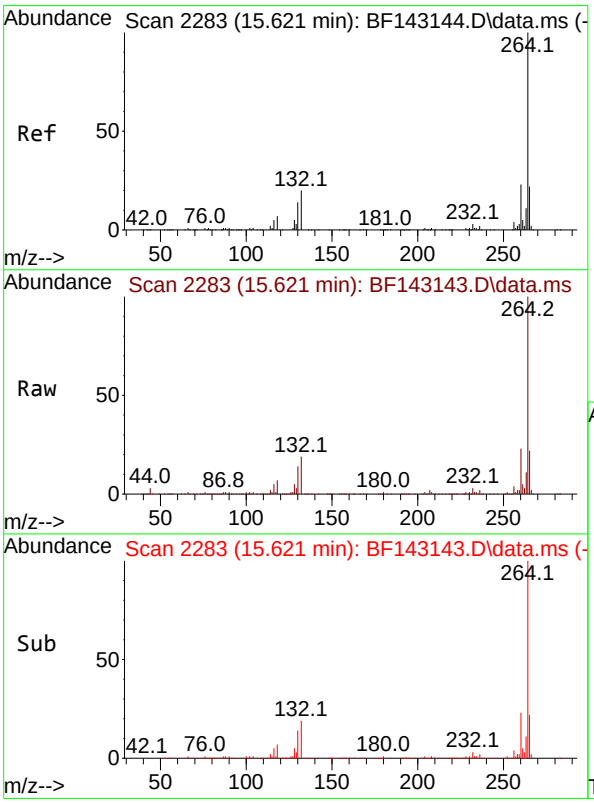

#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:149 Resp: 436102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.4 | 9.7 | 14.5 |

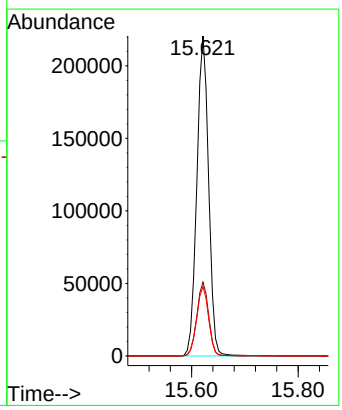


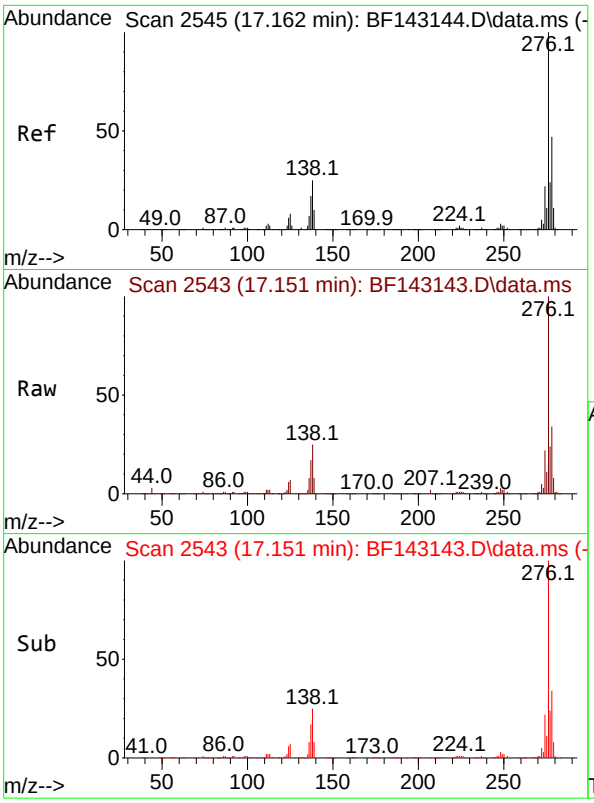




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:264 Resp: 338518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.7 | 17.4 | 26.2 |



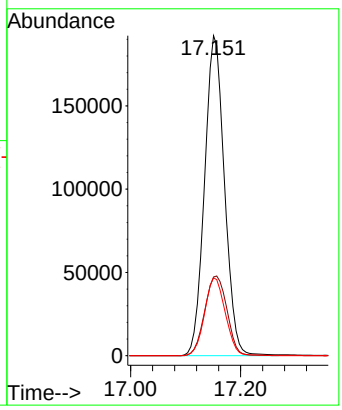


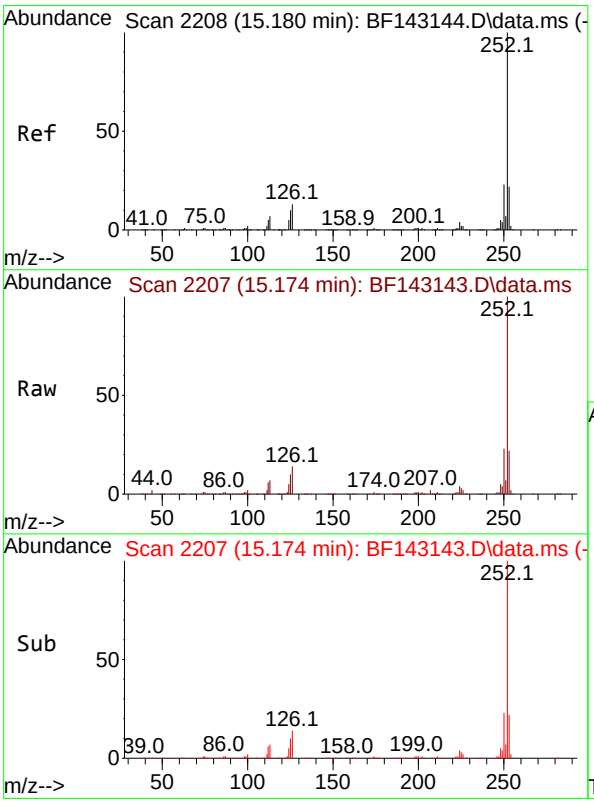

#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:276 Resp: 484240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.8 | 21.8 | 32.6 |
| 277 | 25.3 | 20.0 | 30.0 |

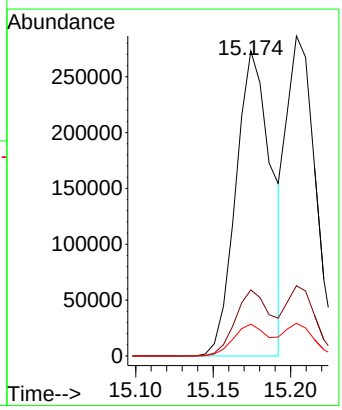


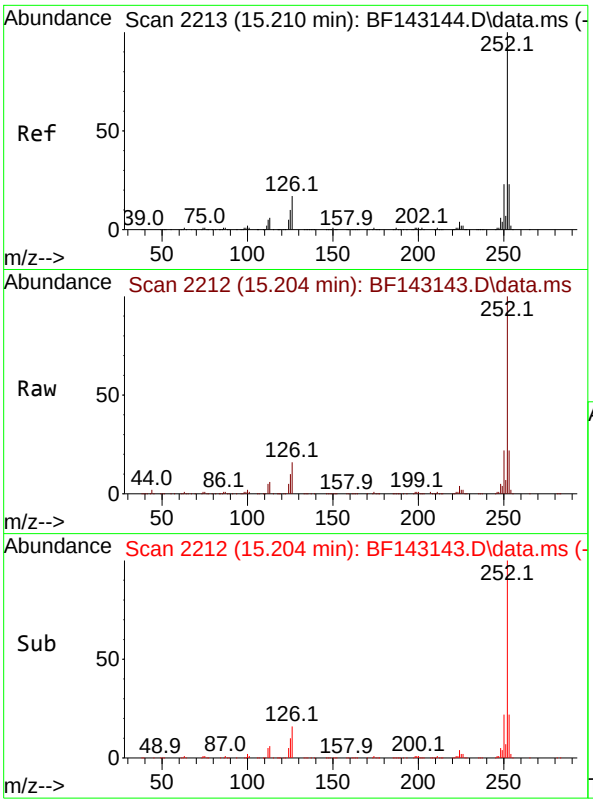




#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |



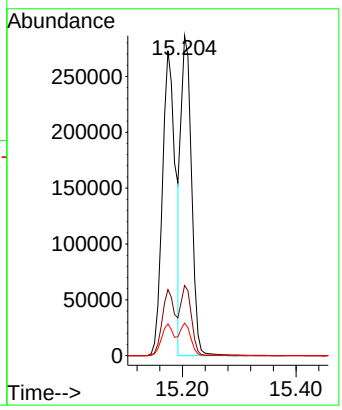


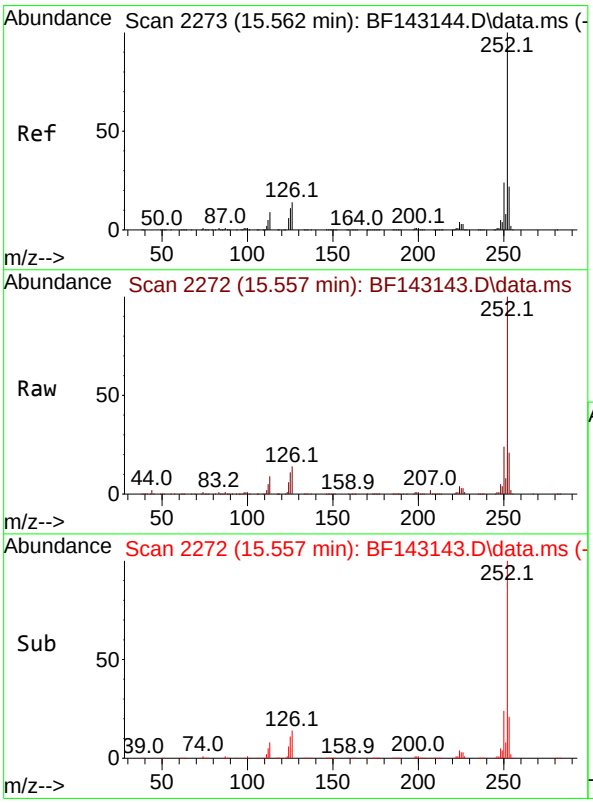

#89
Benzo(k)fluoranthene
Concen: 20.044 ng
RT: 15.204 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:252 Resp: 369899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.2 | 8.1 | 12.1 |

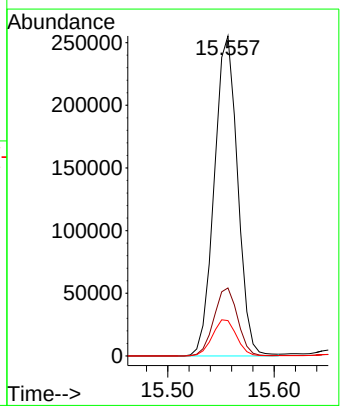


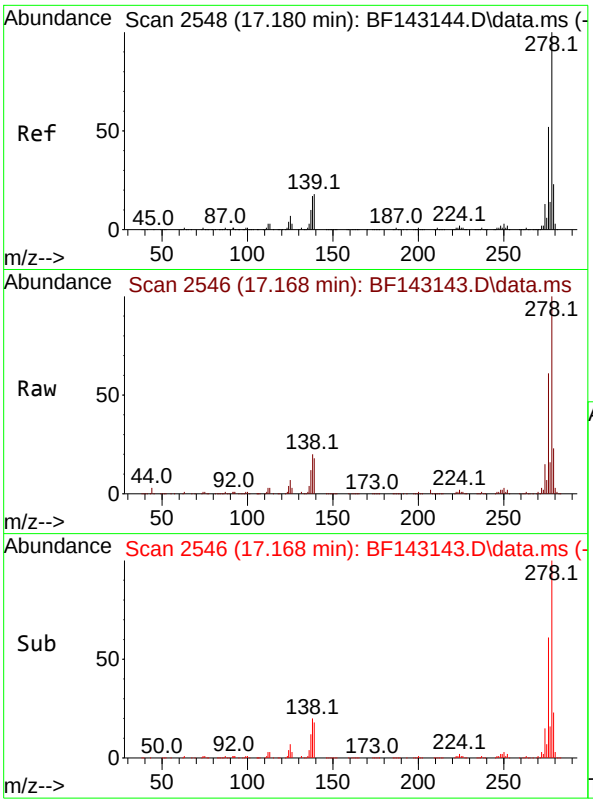




#90
Benzo(a)pyrene
Concen: 20.371 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 388136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.3 | 25.9 |
| 125 | 11.0 | 8.6 | 13.0 |



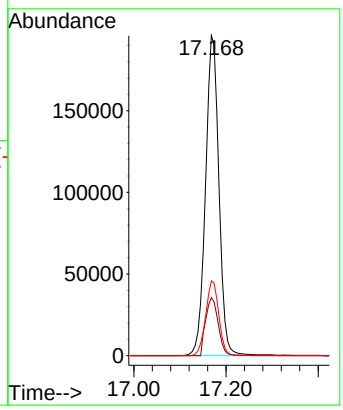


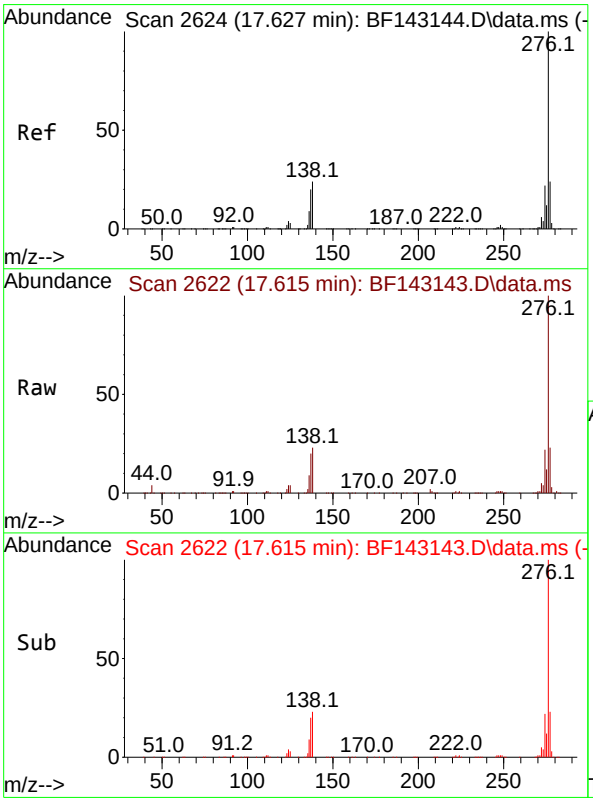

#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Tgt Ion:278 Resp: 398949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.2 | 14.1 | 21.1 |
| 279 | 23.4 | 18.6 | 28.0 |

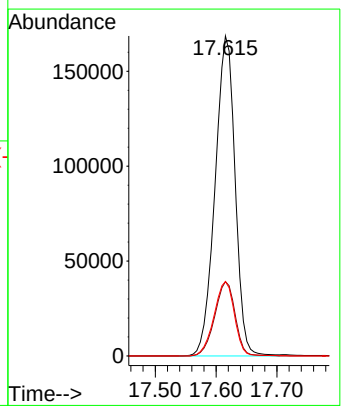



#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 19.1 | 28.7 |
| 138 | 23.3 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 167098 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 641413 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 331881 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 542726 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 296414 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 323574 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 823062 | 77.946 | ng | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1038821 | 78.160 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 1023138 | 79.512 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 279373 | 81.485 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1802398 | 74.274 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1554923 | 78.063 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.822 | 88 | 200396 | 40.108 | ng | 100 |
| 3) Pyridine | 3.587 | 79 | 511417 | 39.435 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 270676 | 40.426 | ng | 100 |
| 6) Aniline | 6.622 | 93 | 736668 | 39.770 | ng | 100 |
| 8) 2-Chlorophenol | 6.745 | 128 | 437914 | 39.565 | ng | 100 |
| 9) Benzaldehyde | 6.516 | 77 | 482238 | 48.387 | ng | 100 |
| 10) Phenol | 6.598 | 94 | 597136 | 41.241 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 435450 | 39.279 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 468194 | 38.939 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 474015 | 39.147 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 448808 | 38.970 | ng | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 406107 | 40.017 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 808980 | 39.337 | ng | 100 |
| 17) 2-Methylphenol | 7.204 | 107 | 366495 | 39.381 | ng | 100 |
| 18) Hexachloroethane | 7.481 | 117 | 165263 | 39.425 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 329619 | 38.656 | ng | 100 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 448100 | 39.685 | ng | 100 |
| 22) Acetophenone | 7.369 | 105 | 583796 | 38.444 | ng | 100 |
| 24) Nitrobenzene | 7.545 | 77 | 481500 | 40.136 | ng | 100 |
| 25) Isophorone | 7.781 | 82 | 888017 | 39.093 | ng | 100 |
| 26) 2-Nitrophenol | 7.857 | 139 | 220354 | 42.323 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.886 | 122 | 416128 | 39.210 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 529258 | 38.860 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 353866 | 39.537 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 376590 | 38.947 | ng | 100 |
| 31) Naphthalene | 8.269 | 128 | 1224033 | 38.749 | ng | 100 |
| 32) Benzoic acid | 7.992 | 122 | 221775 | 38.306 | ng | 100 |
| 33) 4-Chloroaniline | 8.310 | 127 | 500402 | 38.796 | ng | 100 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 231609 | 39.211 | ng | 100 |
| 35) Caprolactam | 8.681 | 113 | 111733 | 41.312 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.781 | 107 | 385507 | 39.628 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 744295 | 38.720 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 768508 | 38.825 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 365234 | 38.118 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 247480 | 39.695 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 255115 | 38.471 | ng | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 268615 | 40.494 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 988537 | 38.177 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 731879 | 38.200 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 249908 | 41.594 | ng | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 1234789 | 38.458 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 848828 | 39.238 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 184242 | 41.866 | ng | 100 |
| 52) Acenaphthene | 10.033 | 154 | 727386 | 38.330 | ng | 100 |
| 53) 3-Nitroaniline | 9.945 | 138 | 210179 | 40.832 | ng | 100 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 69157 | 38.449 | ng | 100 |
| 55) Dibenzofuran | 10.204 | 168 | 1083678 | 38.462 | ng | 100 |
| 56) 4-Nitrophenol | 10.086 | 139 | 163009 | 42.408 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 235101 | 42.581 | ng | 100 |
| 58) Fluorene | 10.551 | 166 | 804336 | 38.037 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 220872 | 40.196 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 842184 | 39.387 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 406477 | 38.604 | ng | 100 |
| 62) 4-Nitroaniline | 10.557 | 138 | 185530 | 42.055 | ng | 100 |
| 63) Azobenzene | 10.698 | 77 | 876387 | 39.326 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 105533 | 38.322 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 731532 | 38.278 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 247764 | 38.307 | ng | 100 |
| 68) Hexachlorobenzene | 11.098 | 284 | 259758 | 38.424 | ng | 100 |
| 69) Atrazine | 11.174 | 200 | 212970 | 40.421 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 161013 | 40.500 | ng | 100 |
| 71) Phenanthrene | 11.510 | 178 | 1107412 | 38.429 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1126710 | 38.336 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1008669 | 39.304 | ng | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1165443 | 40.135 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1034509 | 39.111 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 564732 | 49.451 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1016822 | 40.195 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 322273 | 41.603 | ng | 100 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 759726 | 38.283 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 254099 | 38.418 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 715222 | 40.085 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 467892 | 39.906 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 820264 | 38.595 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 914626 | 40.086 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 742346 | 37.554 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.210 | 252 | 733635 | 41.591 | ng | 100 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 725344 | 39.826 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 742180 | 39.964 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 717648 | 39.949 | ng | 100 |

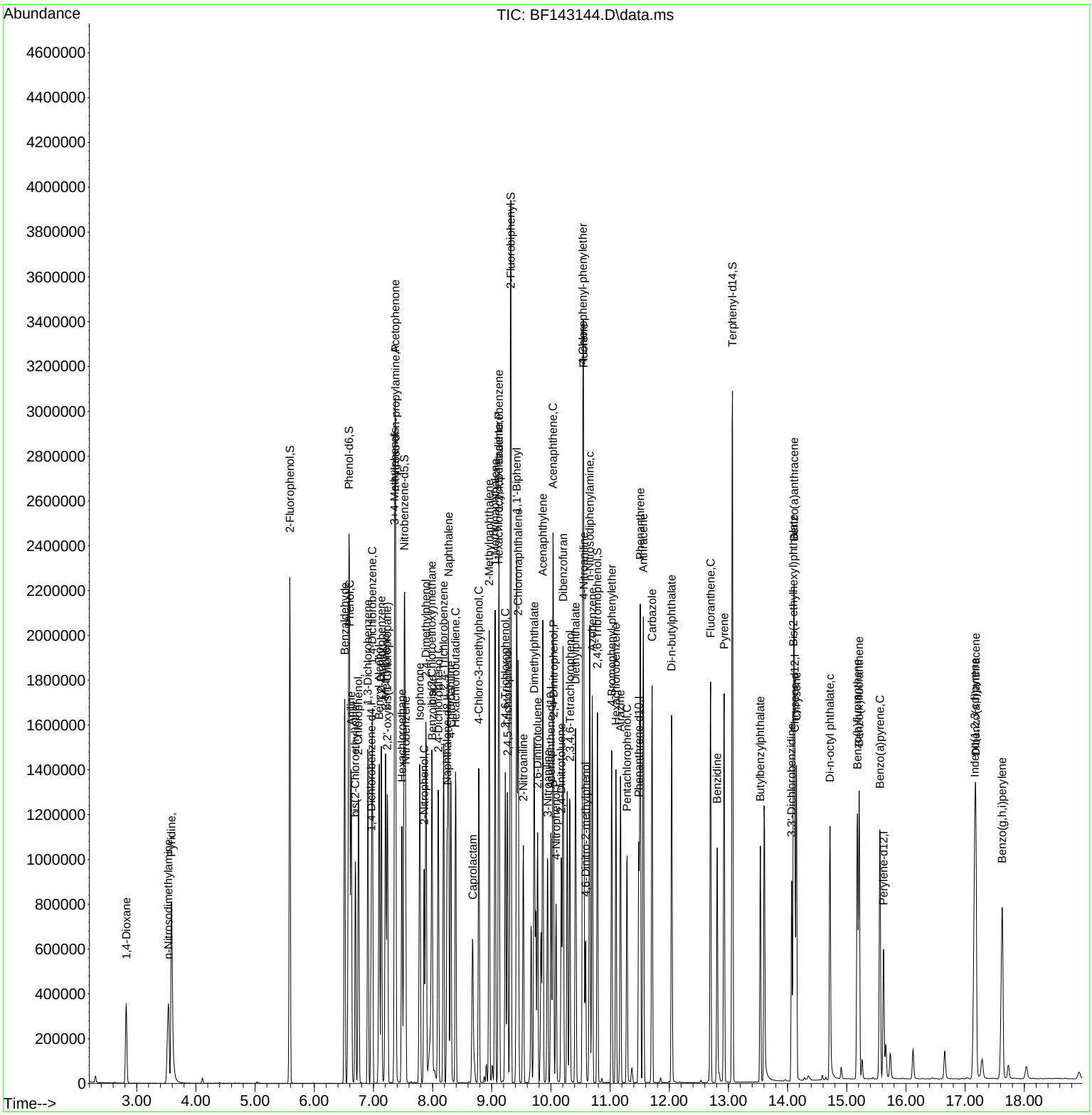
(#) = qualifier out of range (m) = manual integration (+) = signals summed

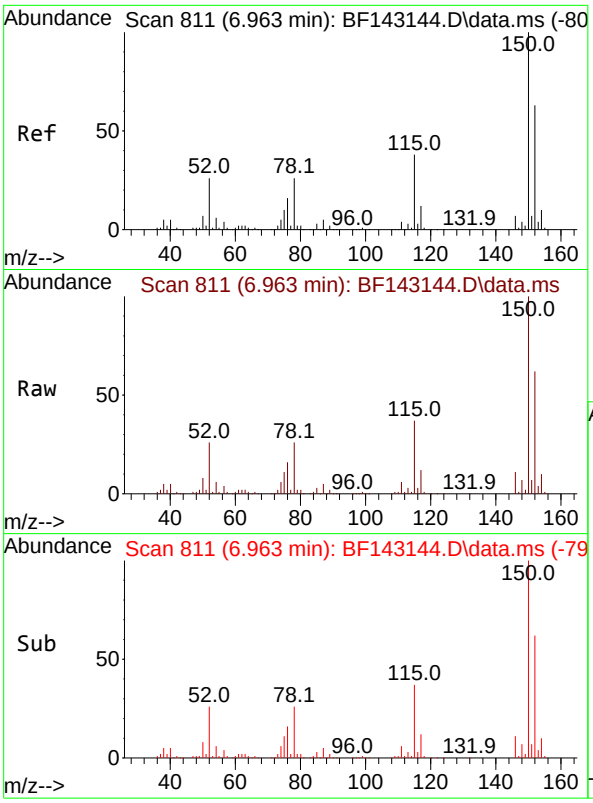
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143144.D
Acq On : 17 Jul 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Jul 17 15:03:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



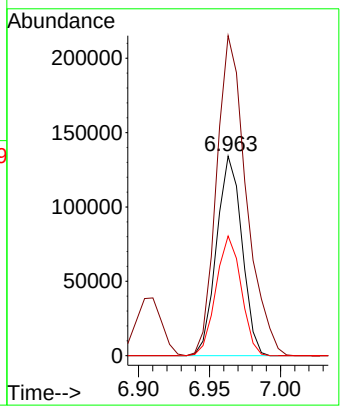


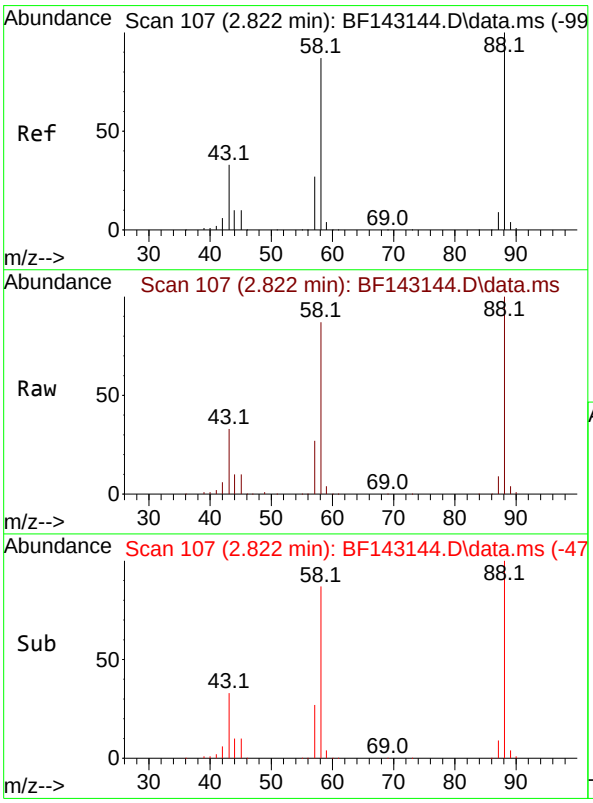

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 167098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 128.2 | 192.4 |
| 115 | 59.9 | 47.9 | 71.9 |

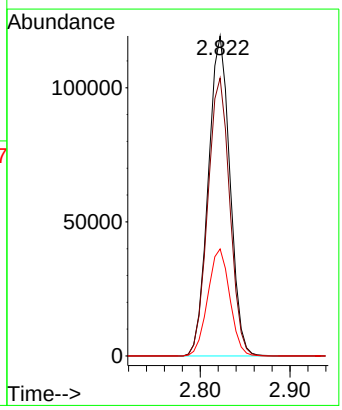


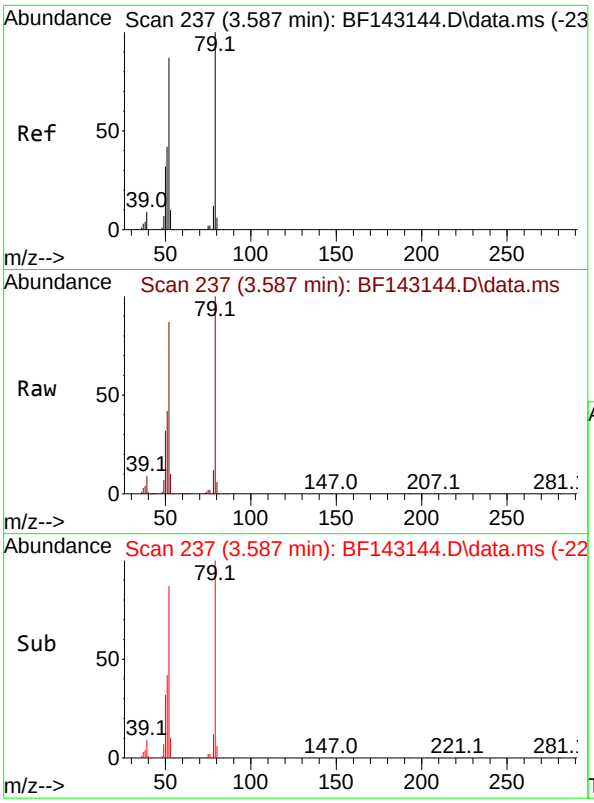




#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.7 | 70.2 | 105.2 |
| 43 | 33.9 | 27.1 | 40.7 |



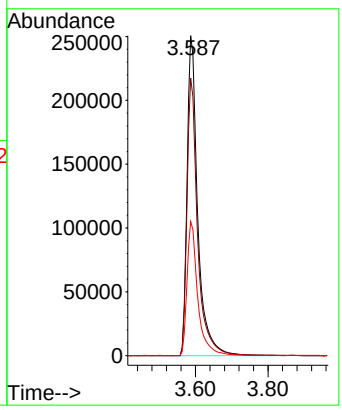


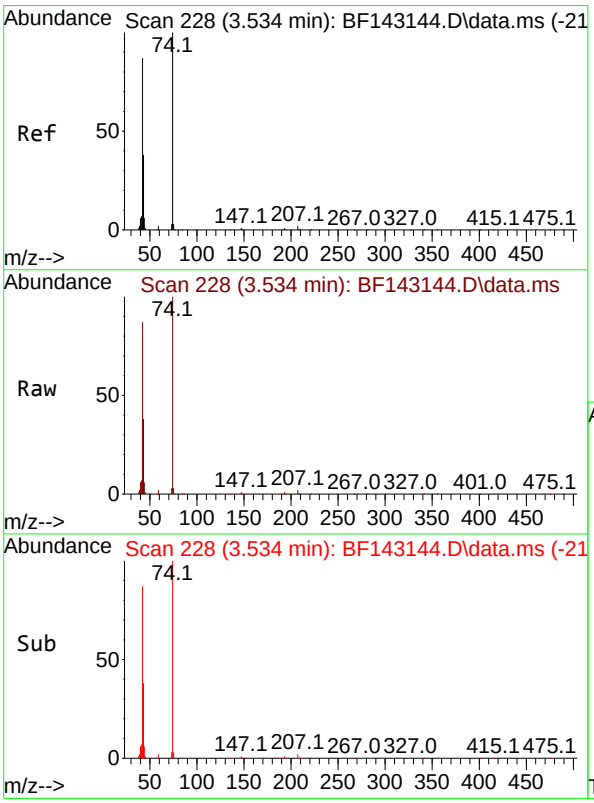

#3
Pyridine
Concen: 39.435 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 511417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.8 | 69.4 | 104.2 |
| 51 | 41.9 | 33.5 | 50.3 |

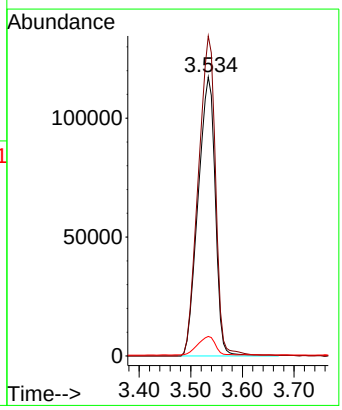


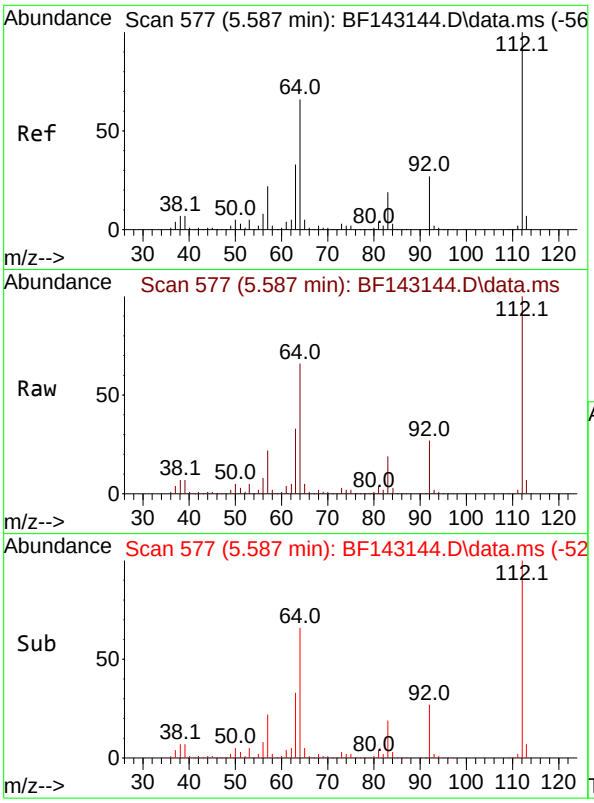




#4
n-Nitrosodimethylamine
Concen: 40.426 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 42 Resp: 270676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.6 | 91.7 | 137.5 |
| 44 | 7.0 | 5.6 | 8.4 |



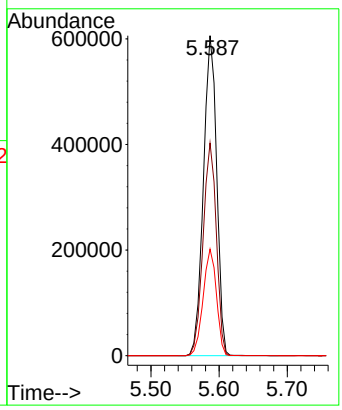


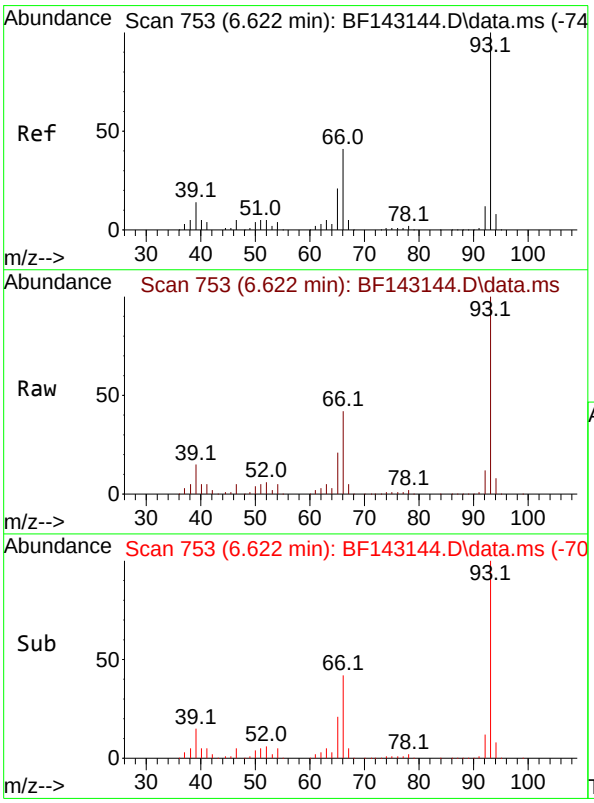

#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:112 Resp: 823062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.4 | 53.1 | 79.7 |
| 63 | 33.3 | 26.6 | 40.0 |

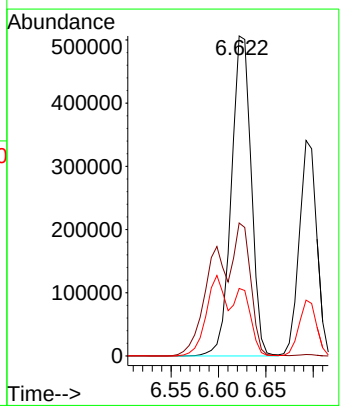


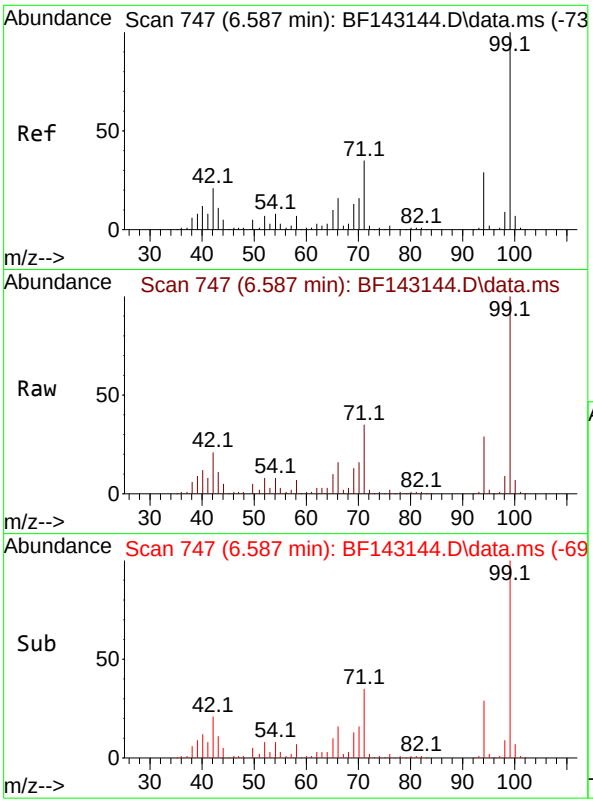




#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.5 | 33.2 | 49.8 |
| 65 | 21.1 | 16.9 | 25.3 |



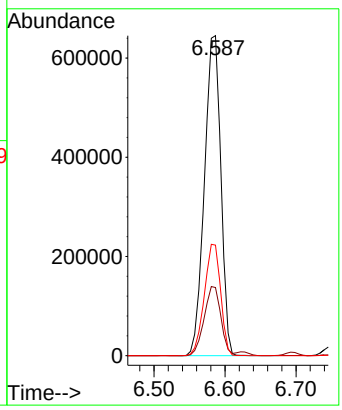


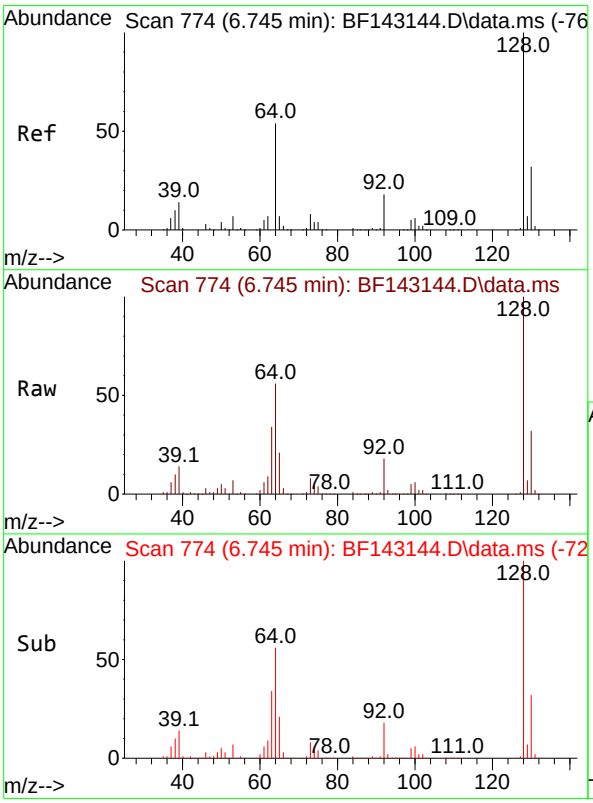

#7
Phenol-d6
Concen: 78.160 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 99 Resp: 1038821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 17.0 | 25.6 |
| 71 | 34.6 | 27.7 | 41.5 |

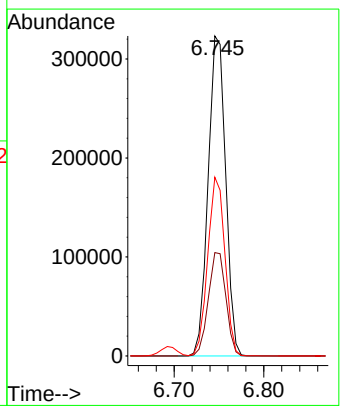


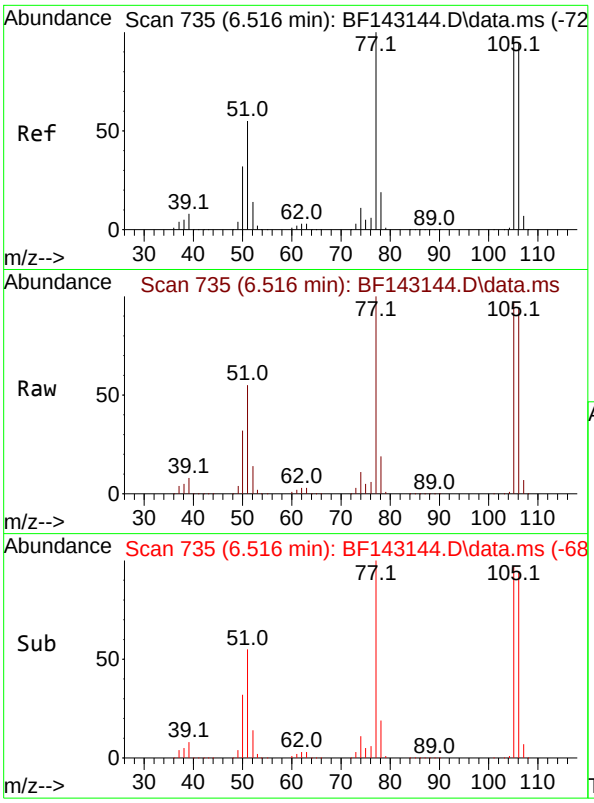




#8
2-Chlorophenol
Concen: 39.565 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:128 Resp: 437914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.3 | 52.3 |
| 64 | 55.9 | 35.9 | 75.9 |



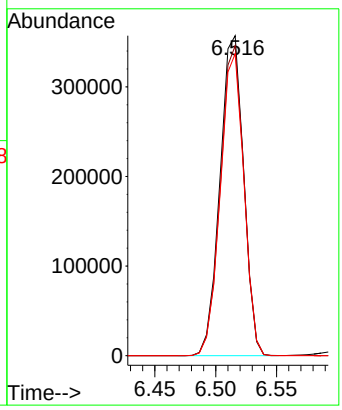


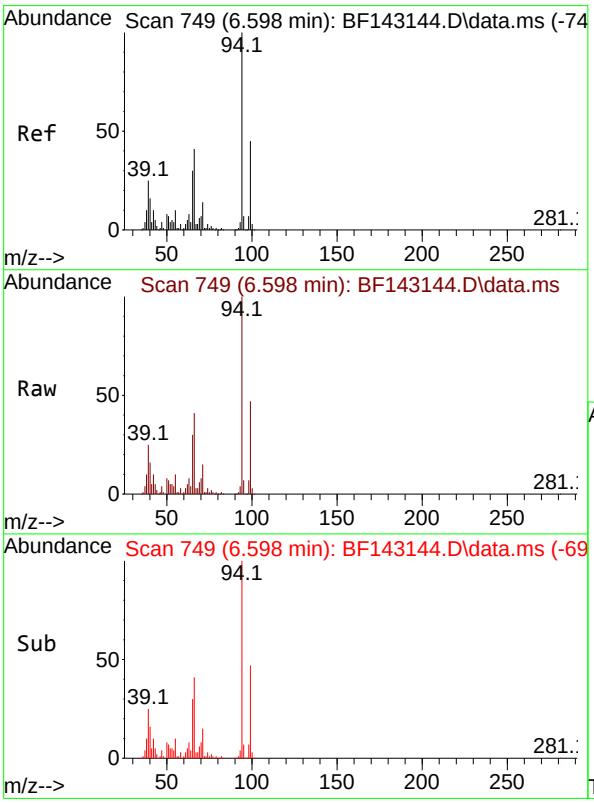

#9
Benzaldehyde
Concen: 48.387 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 482238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.8 | 76.8 | 116.8 |
| 106 | 94.4 | 74.4 | 114.4 |

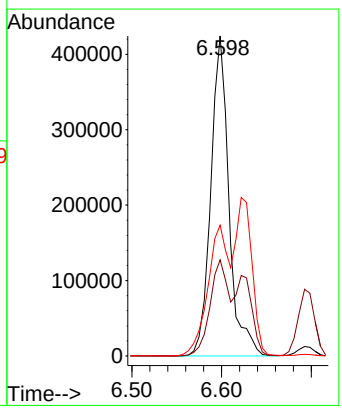


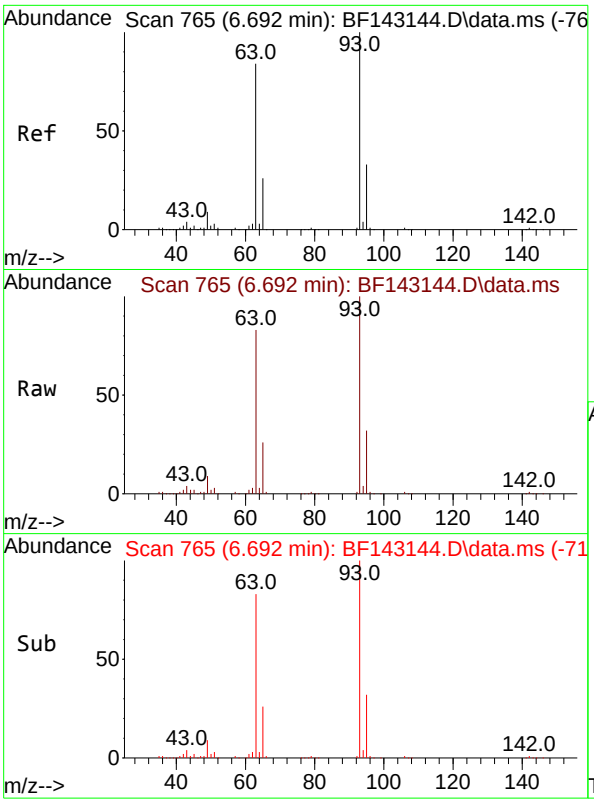




#10
Phenol
Concen: 41.241 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 94 Resp: 597136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.0 | 10.0 | 50.0 |
| 66 | 40.8 | 20.8 | 60.8 |



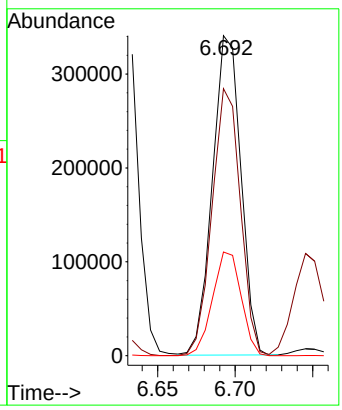


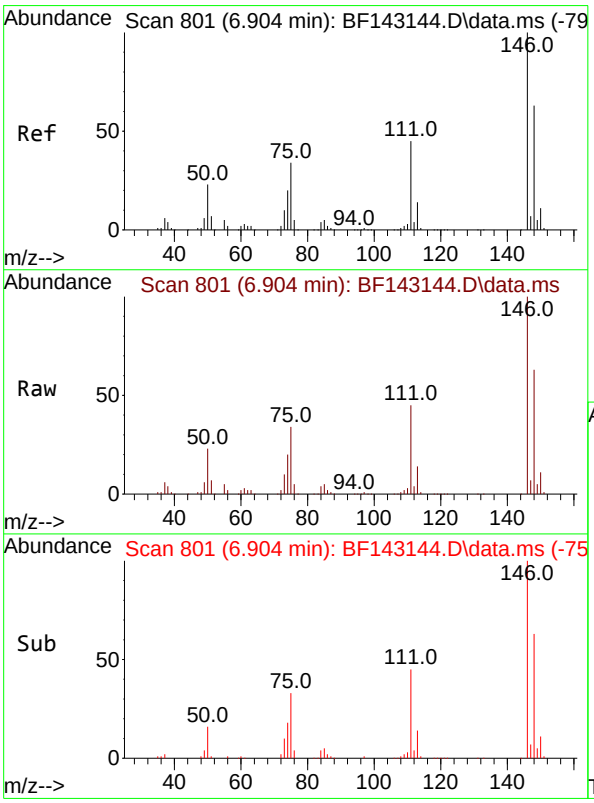

#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 93 Resp: 435450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.4 | 63.4 | 103.4 |
| 95 | 32.4 | 12.4 | 52.4 |

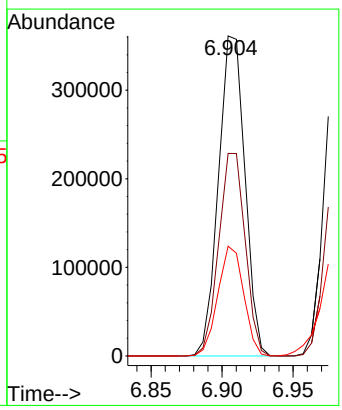


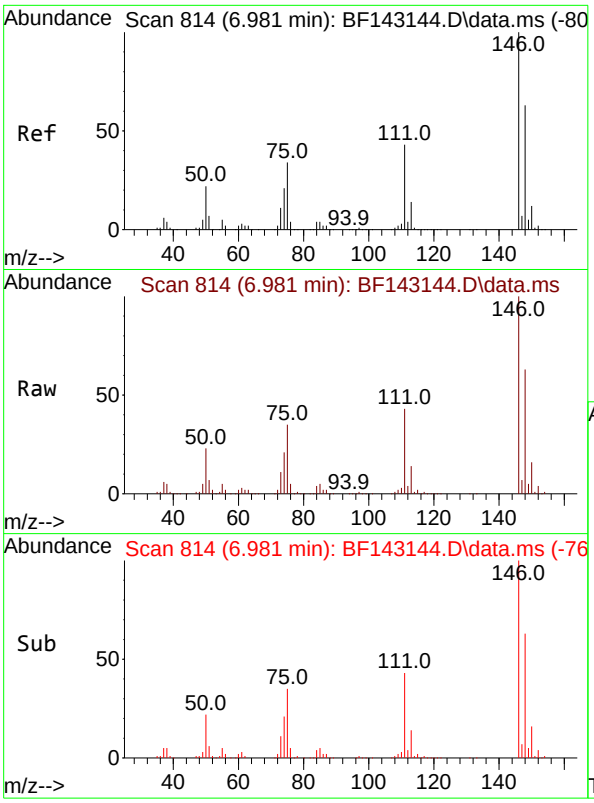




#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 50.6 | 76.0 |
| 75 | 34.3 | 27.4 | 41.2 |



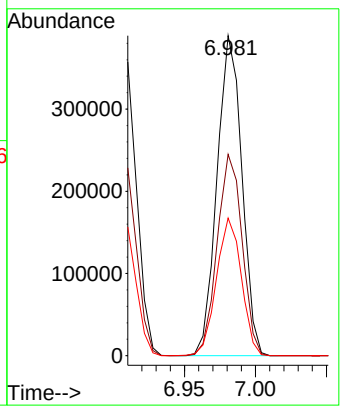


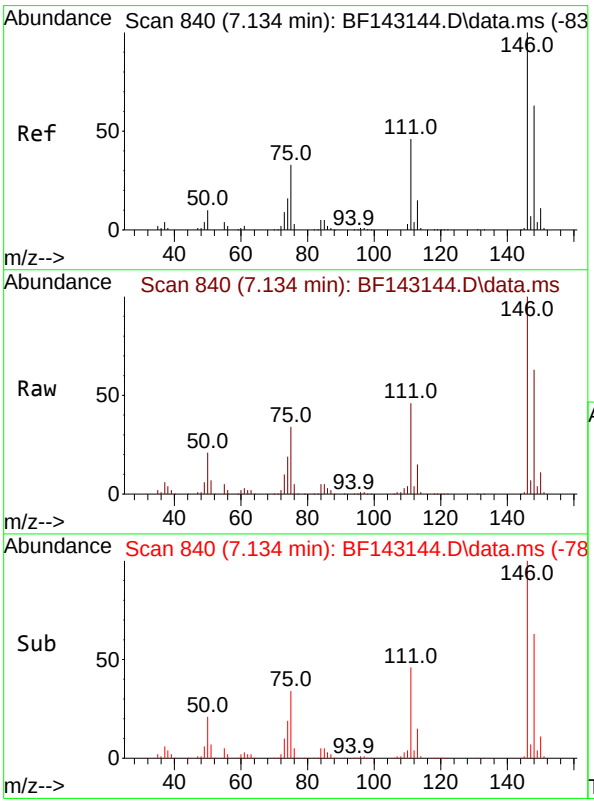

#13
1,4-Dichlorobenzene
Concen: 39.147 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:146 Resp: 474015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.3 | 75.5 |
| 111 | 43.0 | 34.4 | 51.6 |

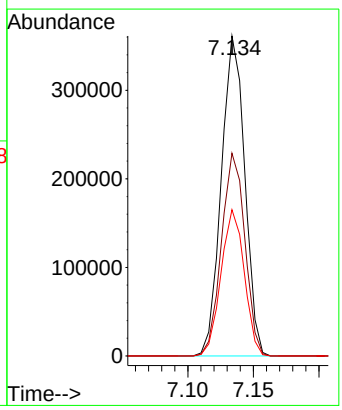


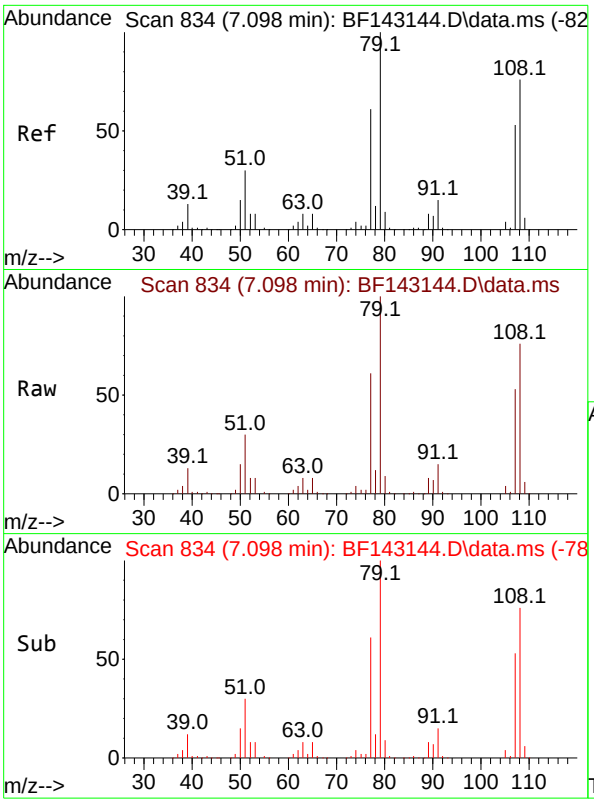




#14
1,2-Dichlorobenzene
Concen: 38.970 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 448808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 45.7 | 36.6 | 54.8 |



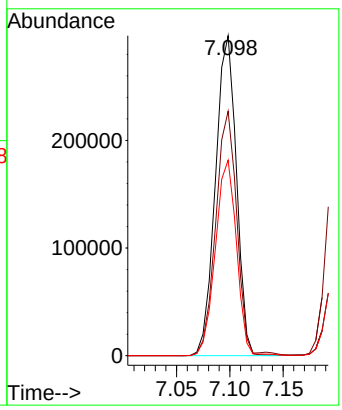


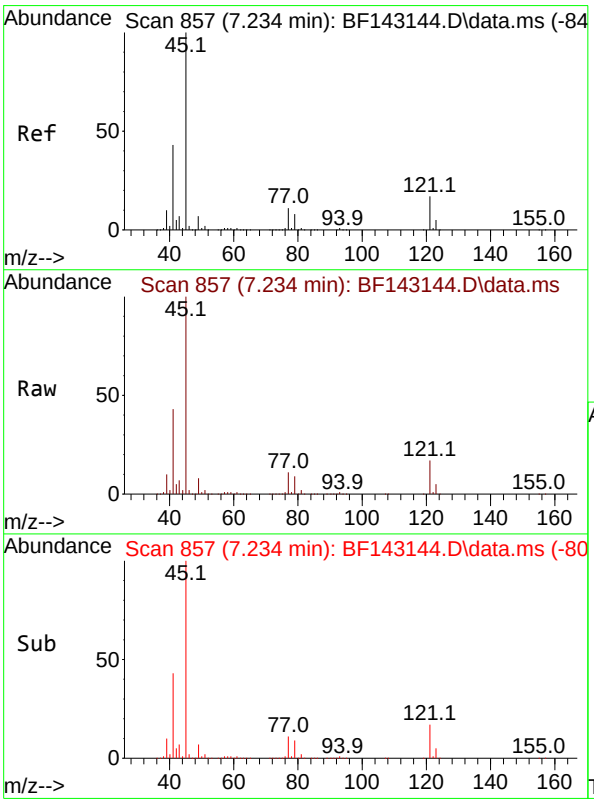

#15
Benzyl Alcohol
Concen: 40.017 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 79 Resp: 406107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.4 | 61.1 | 91.7 |
| 77 | 61.1 | 48.9 | 73.3 |

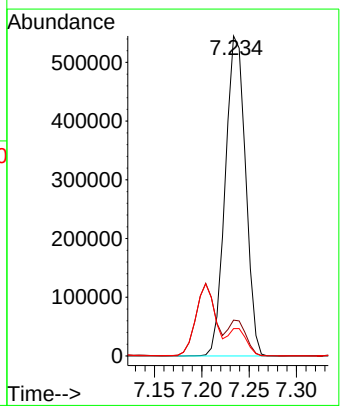


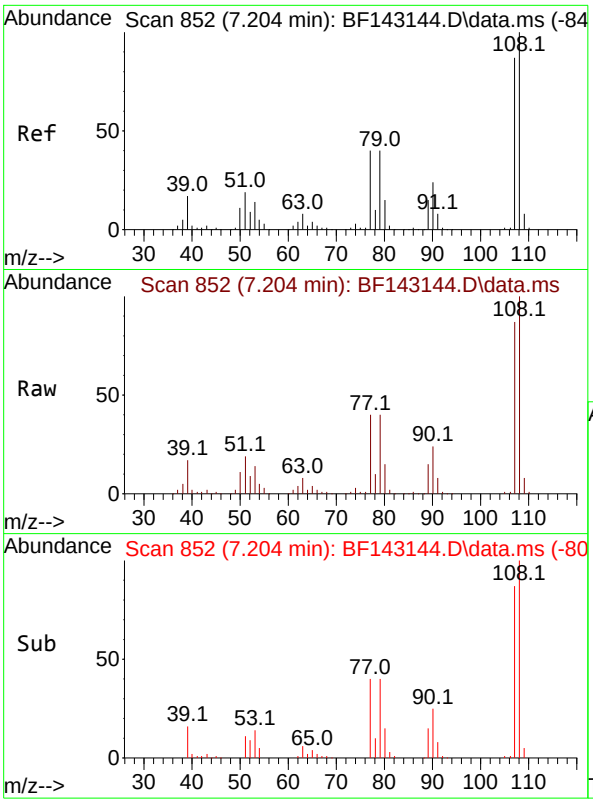




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 45 Resp: 808980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.5 | 0.0 | 28.5 |



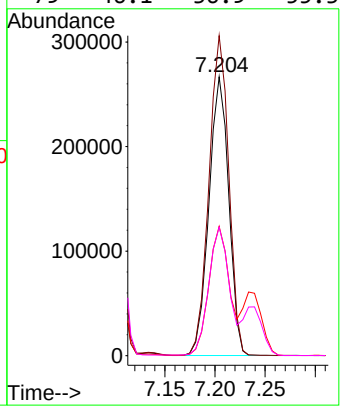


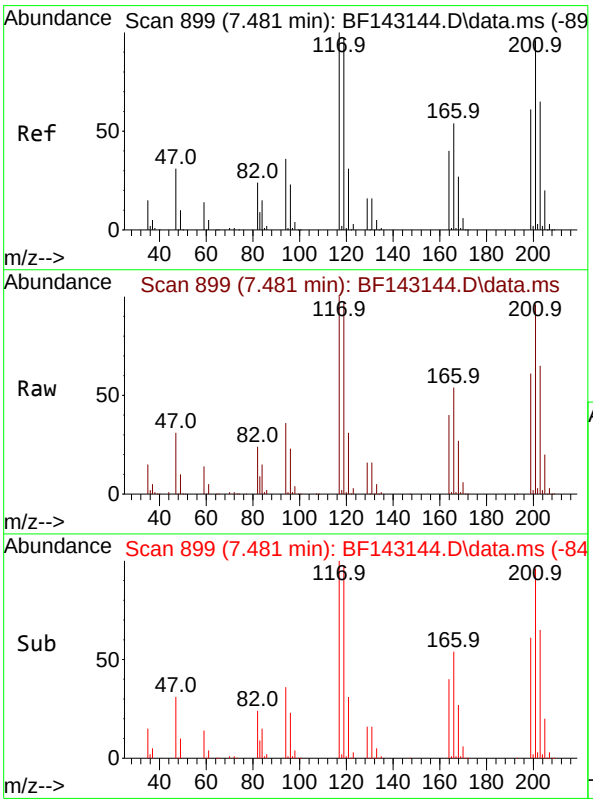

#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:107 Resp: 366495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.7 | 91.8 | 137.6 |
| 77 | 46.3 | 37.0 | 55.6 |
| 79 | 46.1 | 36.9 | 55.3 |

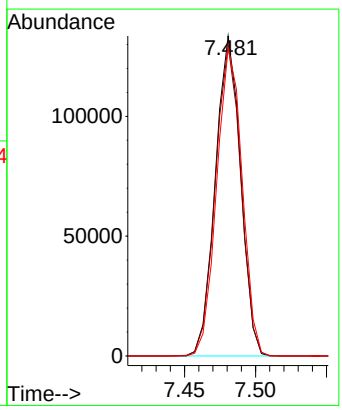


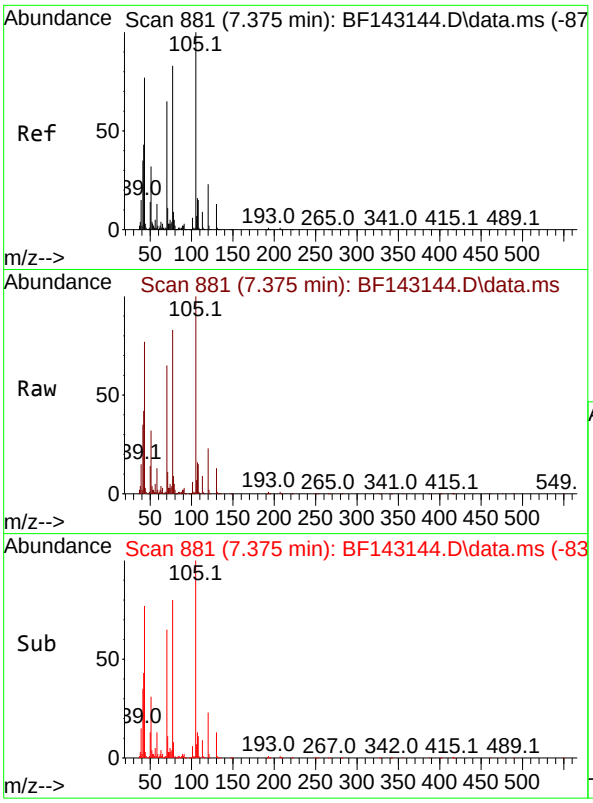




#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.3 | 77.8 | 116.8 |
| 201 | 96.2 | 77.0 | 115.4 |



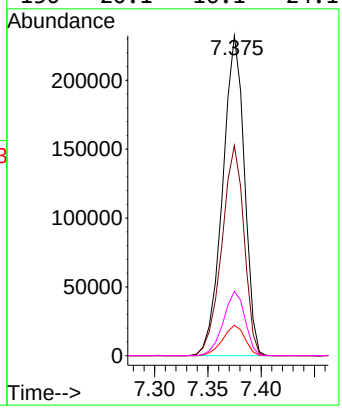


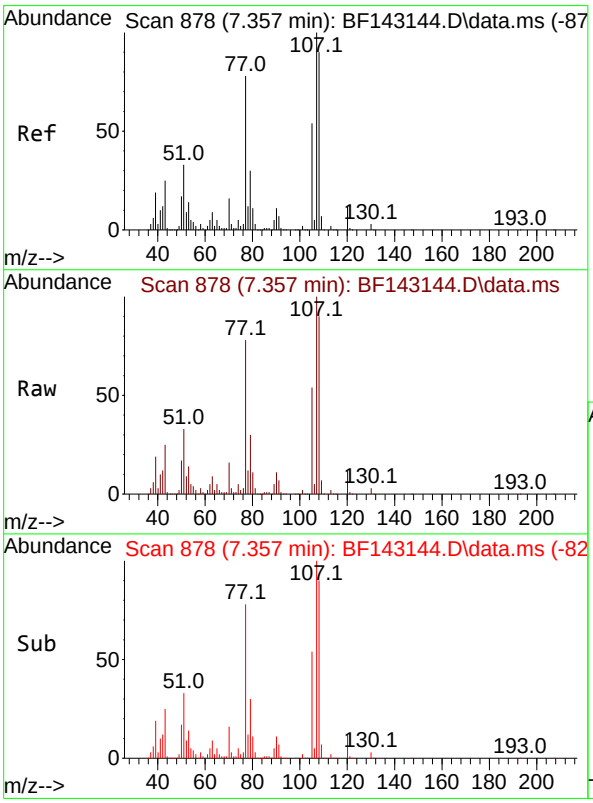

#19
n-Nitroso-di-n-propylamine
Concen: 38.656 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 70 Resp: 329619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.6 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 20.1 | 16.1 | 24.1 |

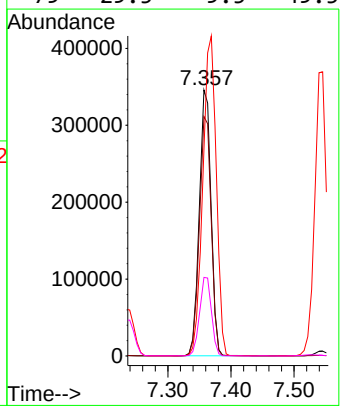


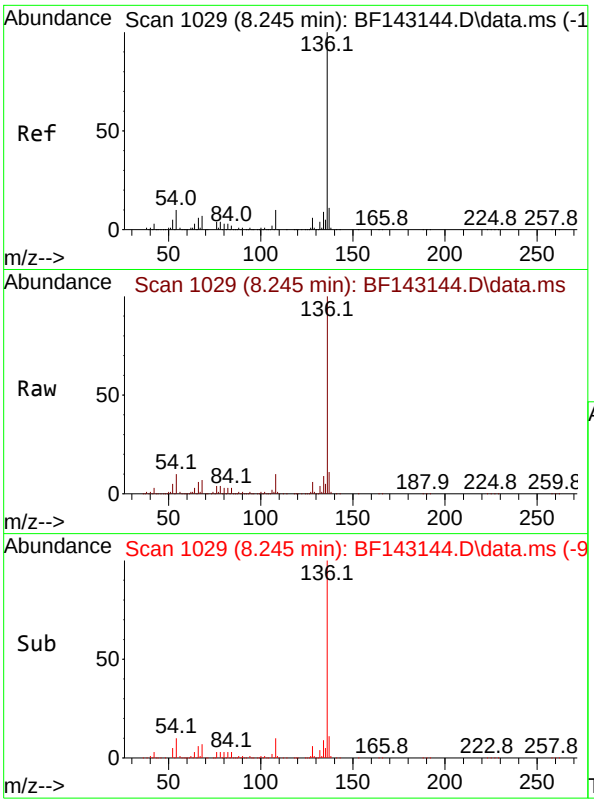




#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 70.0 | 110.0 |
| 77 | 77.8 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |



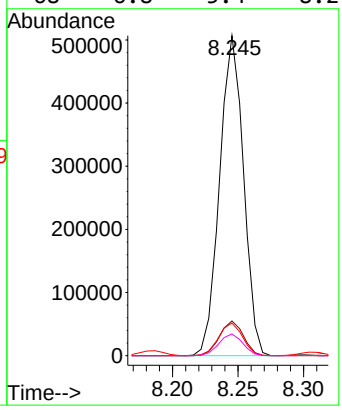


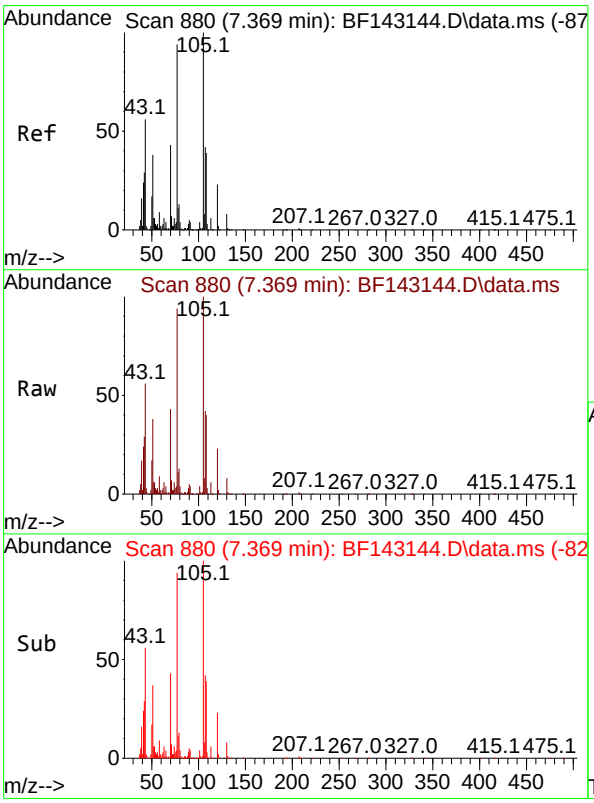

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:136 Resp: 641413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

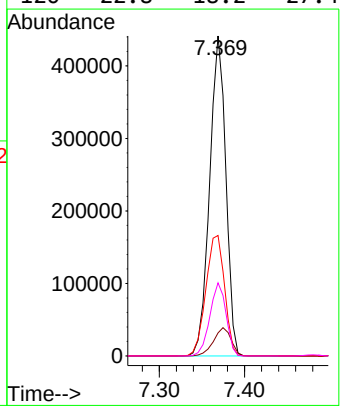


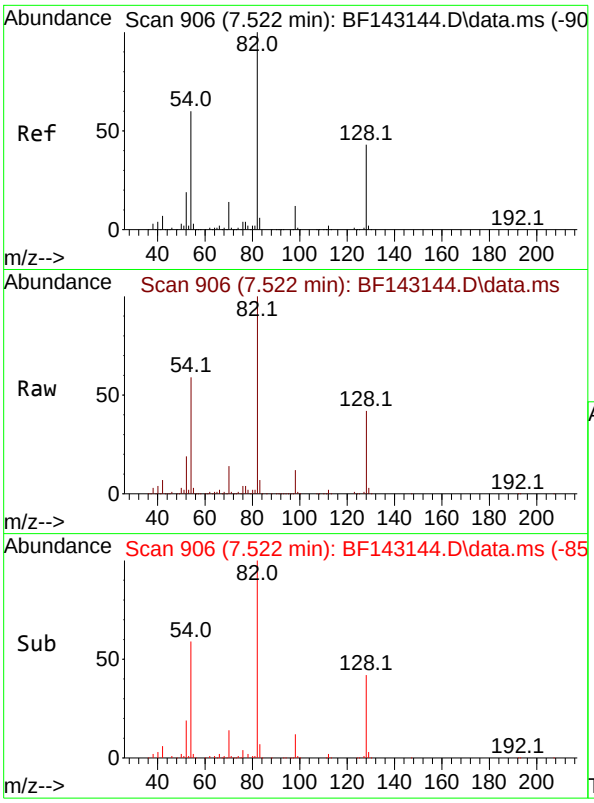




#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.2 | 5.8 | 8.6 |
| 51 | 37.7 | 30.2 | 45.2 |
| 120 | 22.8 | 18.2 | 27.4 |



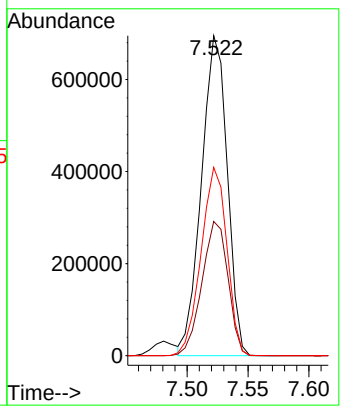


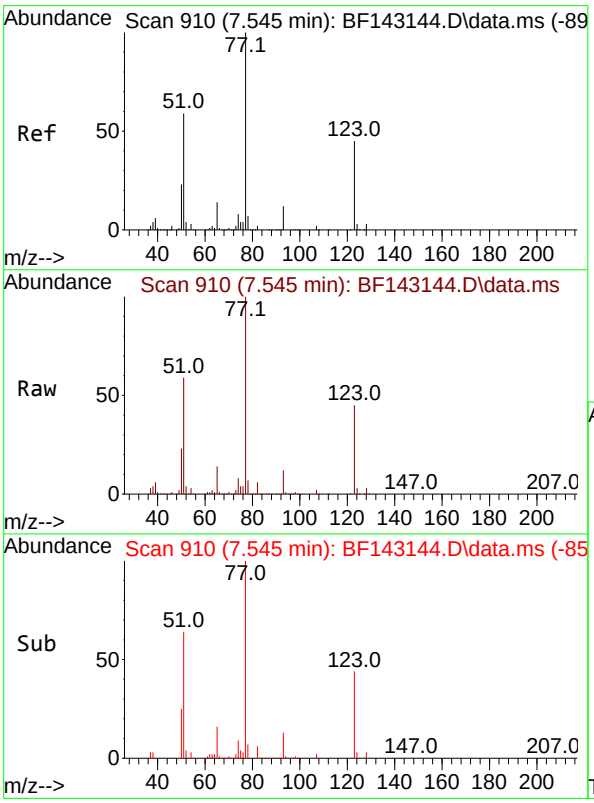

#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 1023138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |

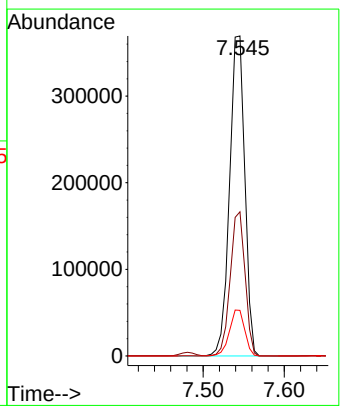


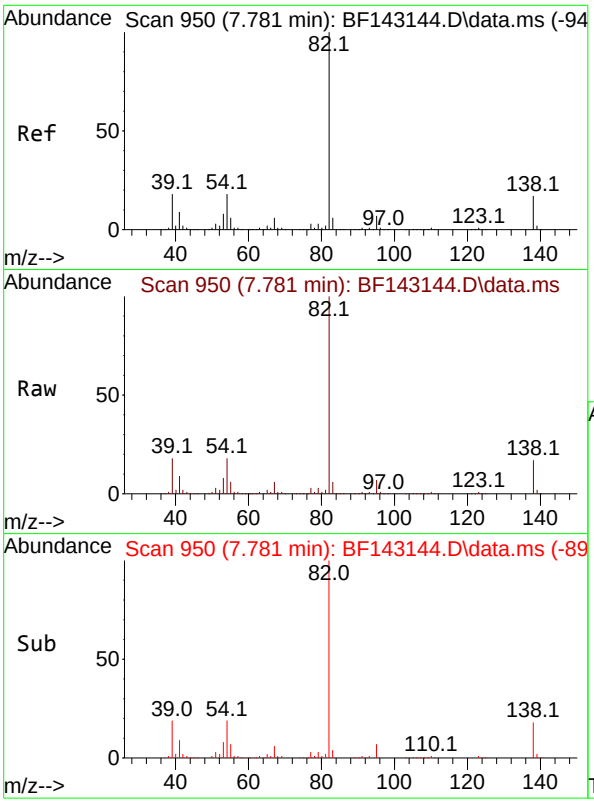




#24
Nitrobenzene
Concen: 40.136 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 77 Resp: 481500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.1 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |



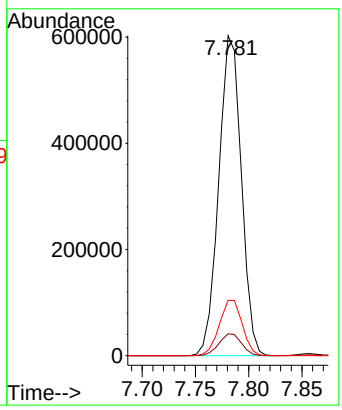


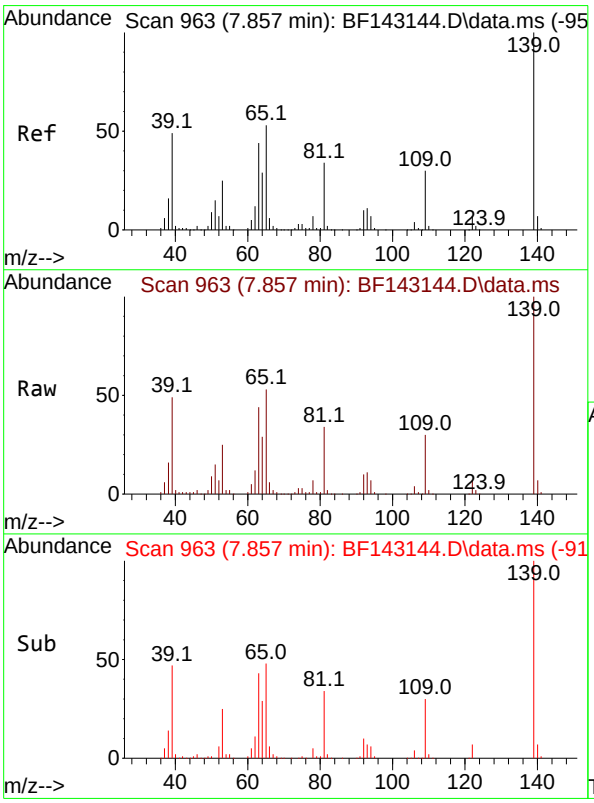

#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 82 Resp: 888017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.5 | 8.3 |
| 138 | 17.3 | 13.8 | 20.8 |

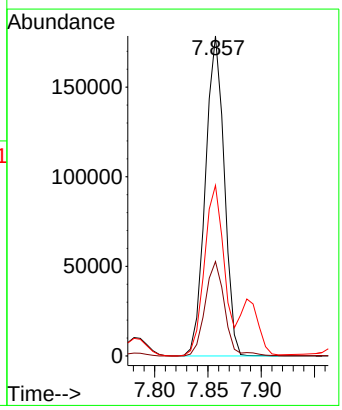


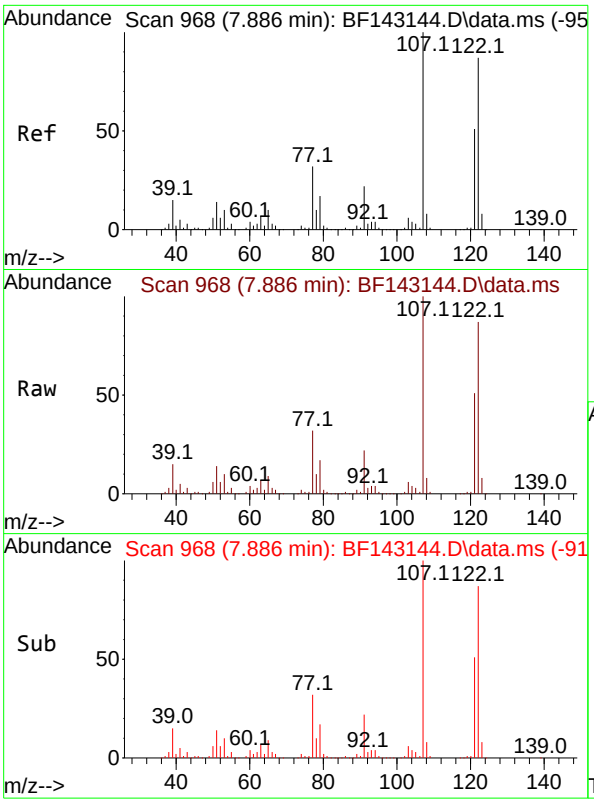




#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.5 | 23.6 | 35.4 |
| 65 | 53.3 | 42.6 | 64.0 |



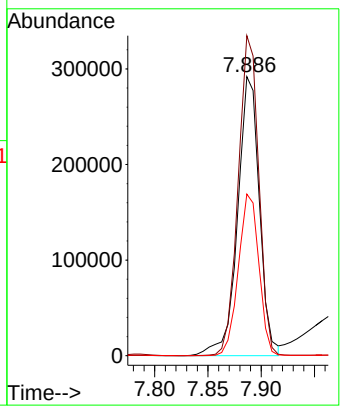


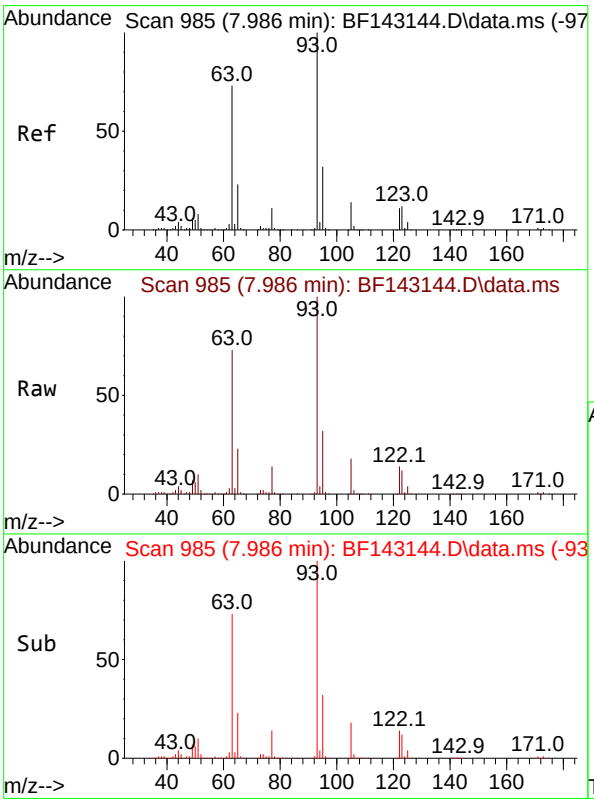

#27
2,4-Dimethylphenol
Concen: 39.210 ng
RT: 7.886 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:122 Resp: 416128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.7 | 91.8 | 137.6 |
| 121 | 57.9 | 46.3 | 69.5 |

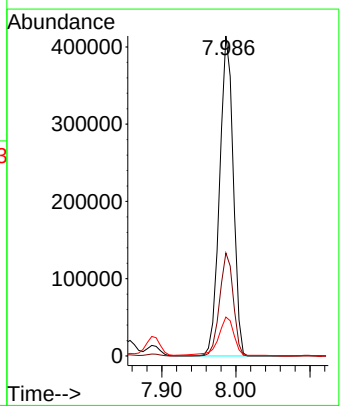


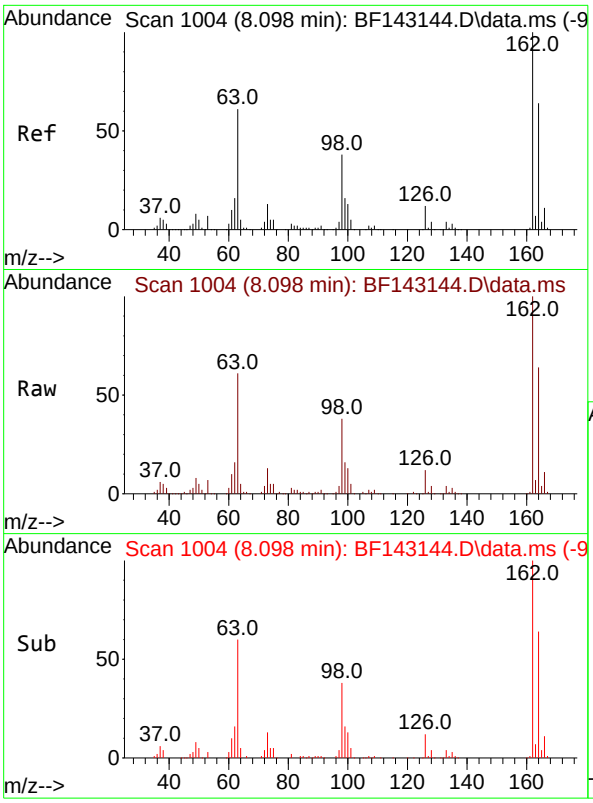




#28
bis(2-Chloroethoxy)methane
Concen: 38.860 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 529258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 12.1 | 9.7 | 14.5 |



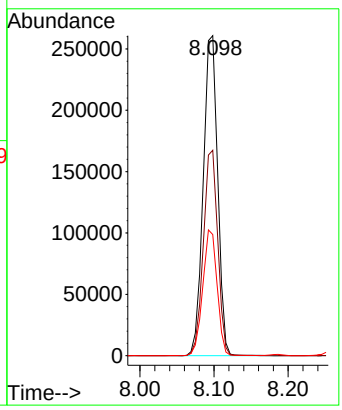


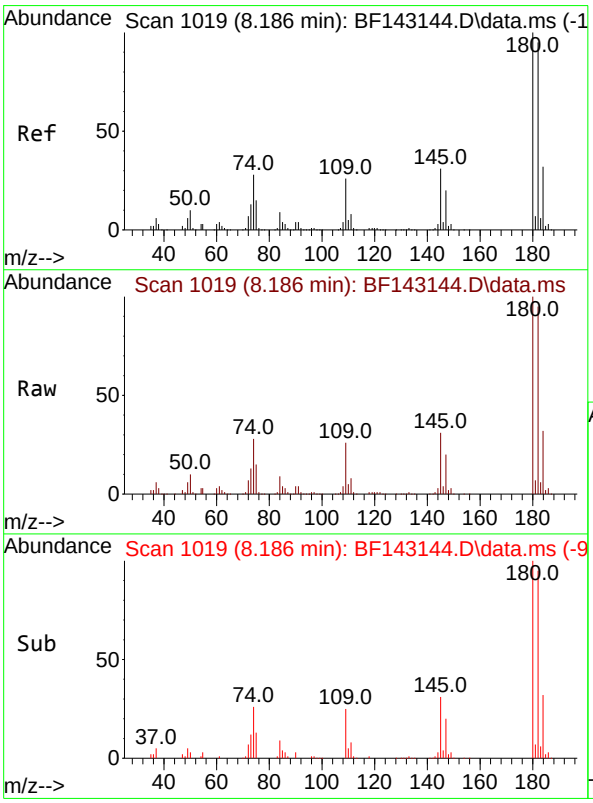

#29
2,4-Dichlorophenol
Concen: 39.537 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 353866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 37.9 | 17.9 | 57.9 |

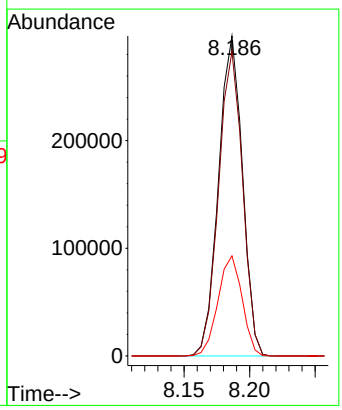


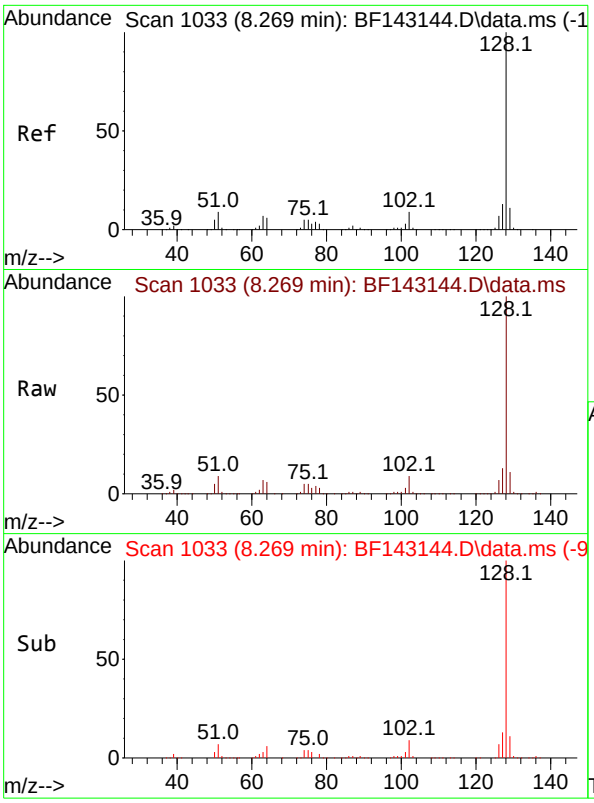




#30
1,2,4-Trichlorobenzene
Concen: 38.947 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:180 Resp: 376590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 76.2 | 114.2 |
| 145 | 31.3 | 25.0 | 37.6 |



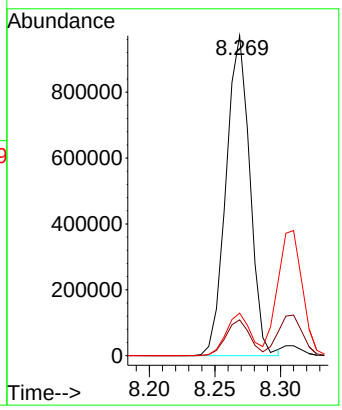


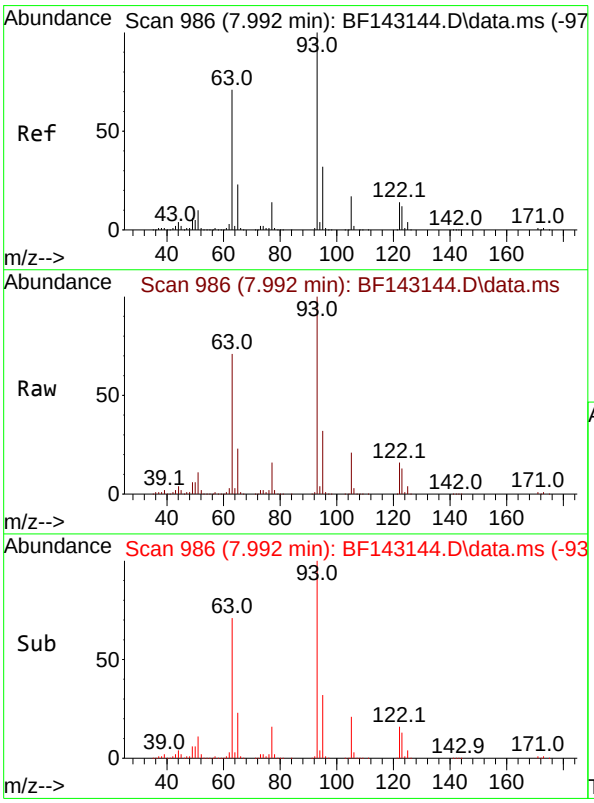

#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:128 Resp: 1224033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

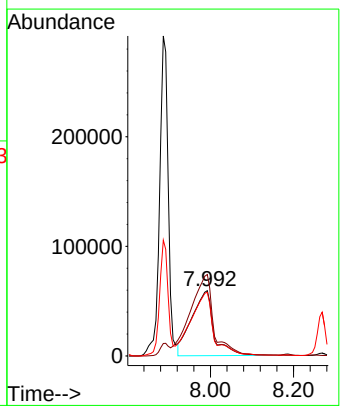


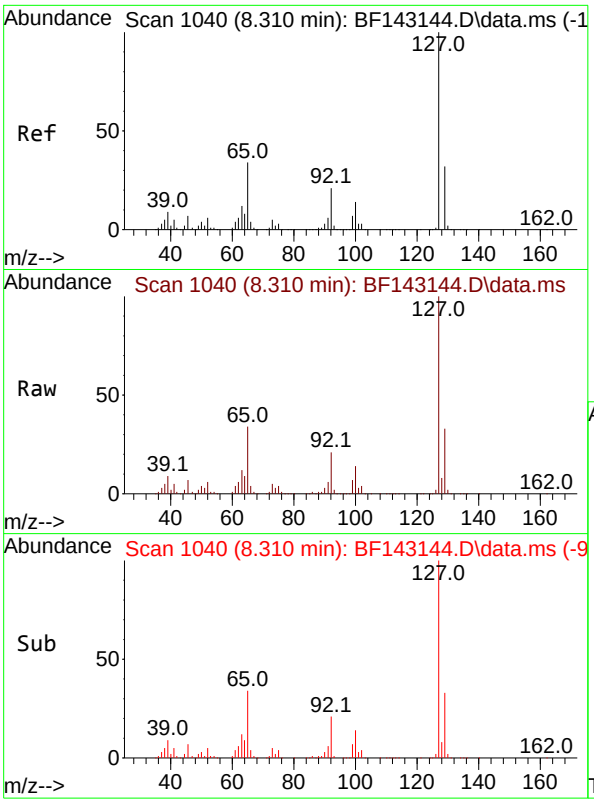




#32
Benzoic acid
Concen: 38.306 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:122 Resp: 221775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.8 | 104.8 | 144.8 |
| 77 | 97.6 | 77.6 | 117.6 |



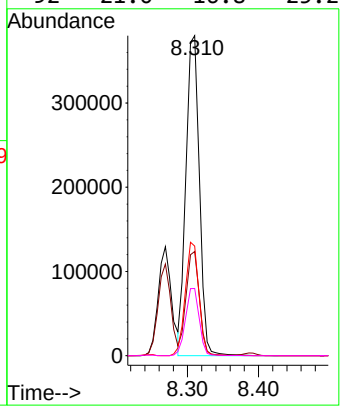


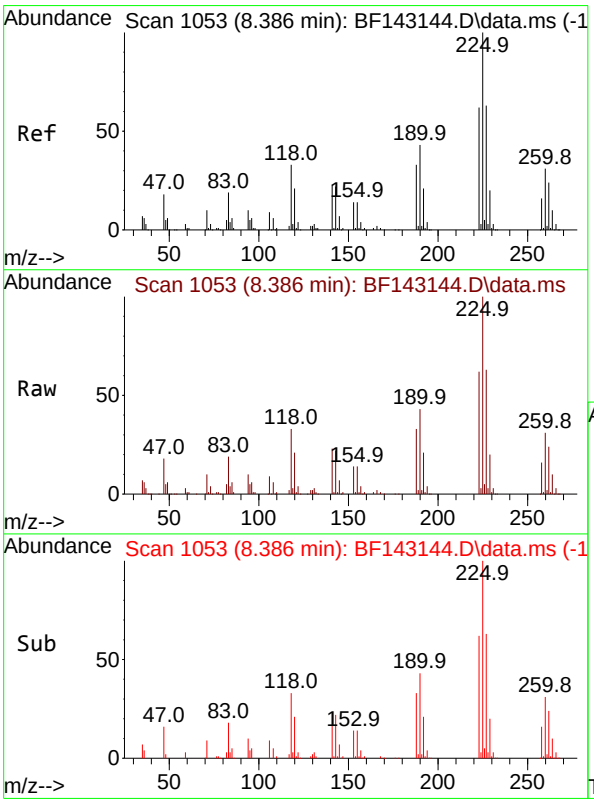

#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:127 Resp: 500402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 26.0 | 39.0 |
| 65 | 34.3 | 27.4 | 41.2 |
| 92 | 21.0 | 16.8 | 25.2 |

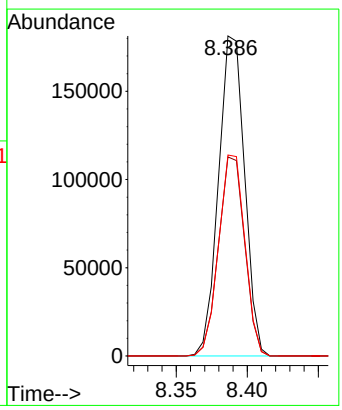


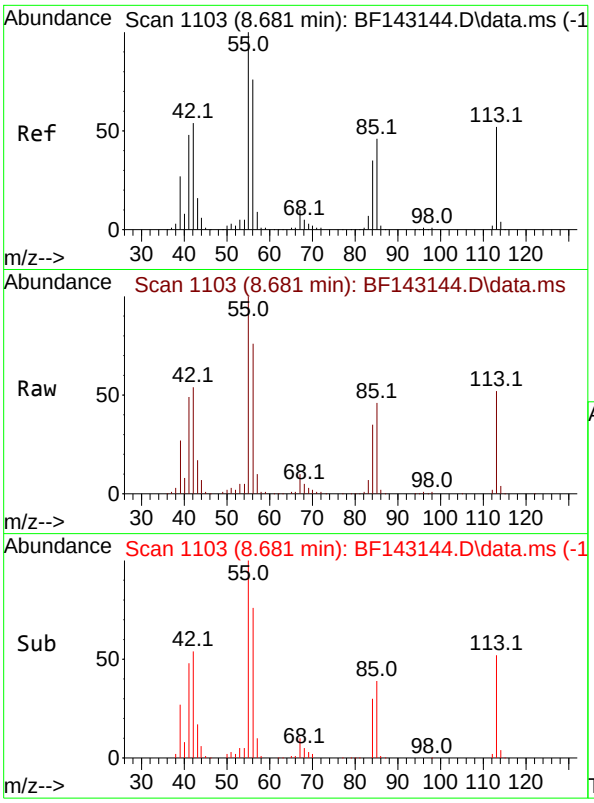




#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.8 | 74.6 |
| 227 | 62.8 | 50.2 | 75.4 |



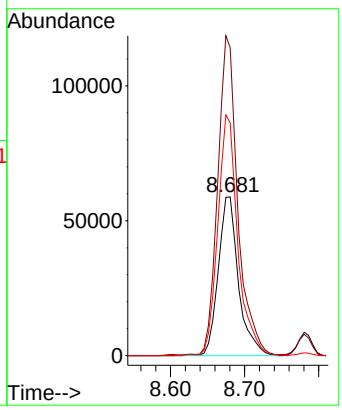


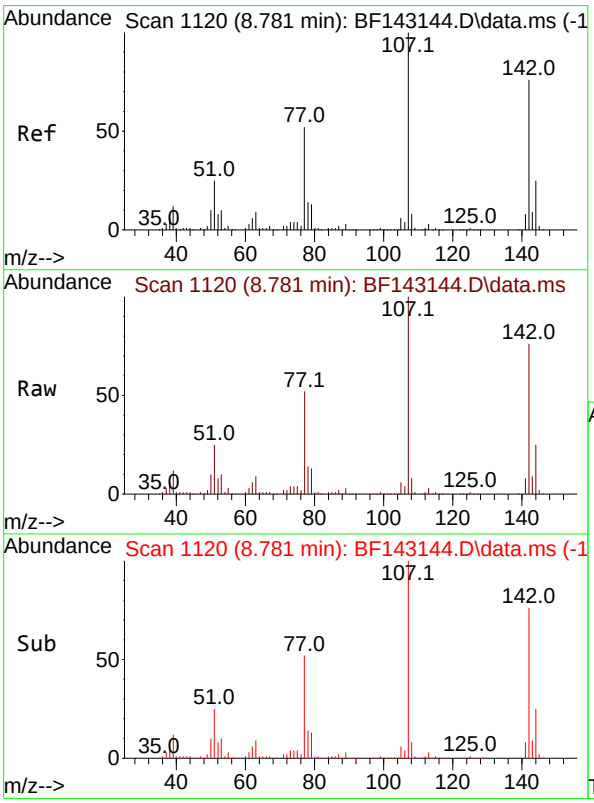

#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:113 Resp: 111733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 194.0 | 174.0 | 214.0 |
| 56 | 146.6 | 126.6 | 166.6 |

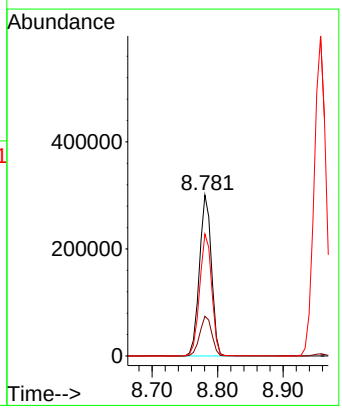


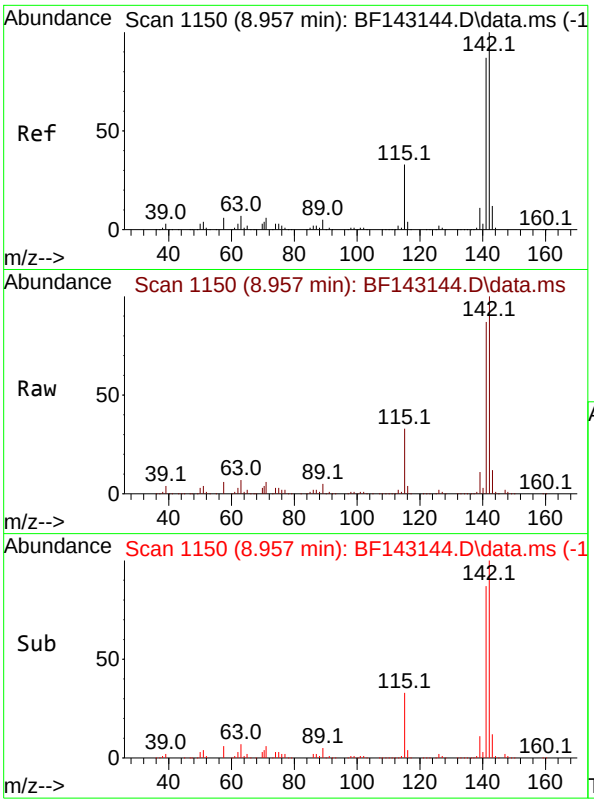




#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 19.8 | 29.6 |
| 142 | 75.7 | 60.6 | 90.8 |



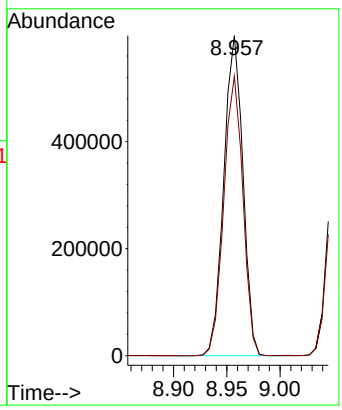


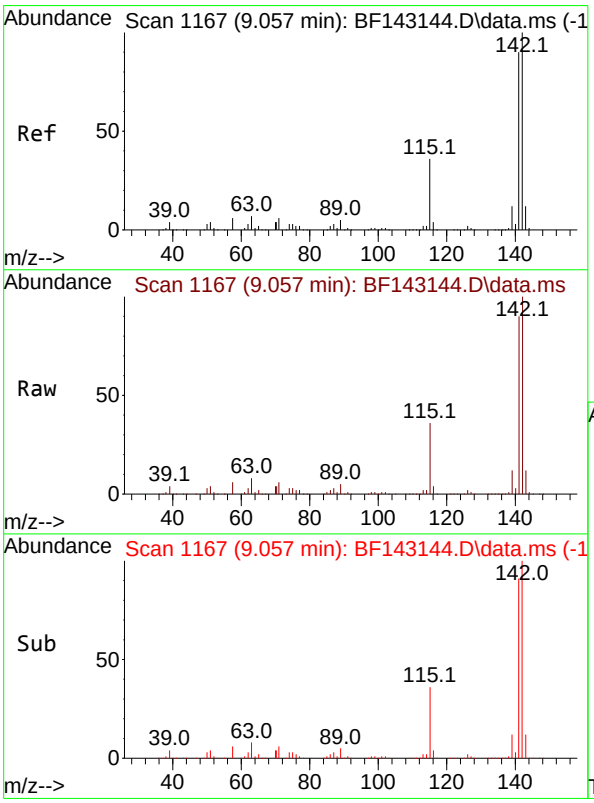

#37
2-Methylnaphthalene
Concen: 38.720 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:142 Resp: 744295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 69.9 | 104.9 |

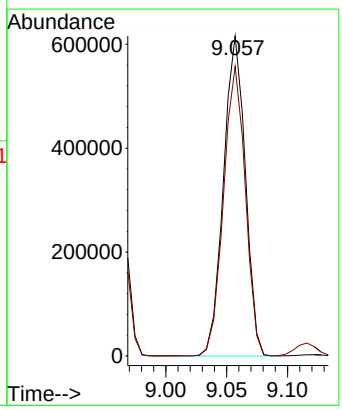


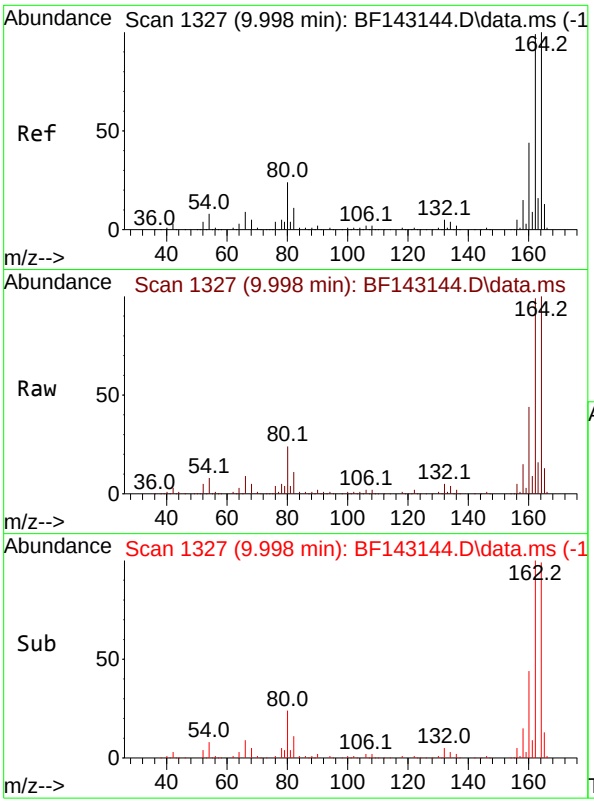




#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:142 Resp: 768508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |



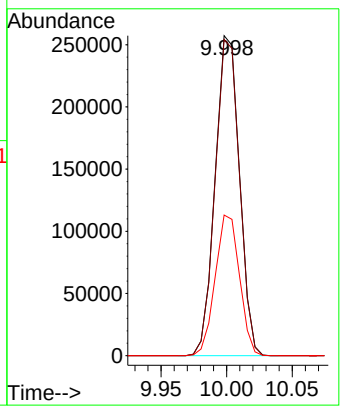


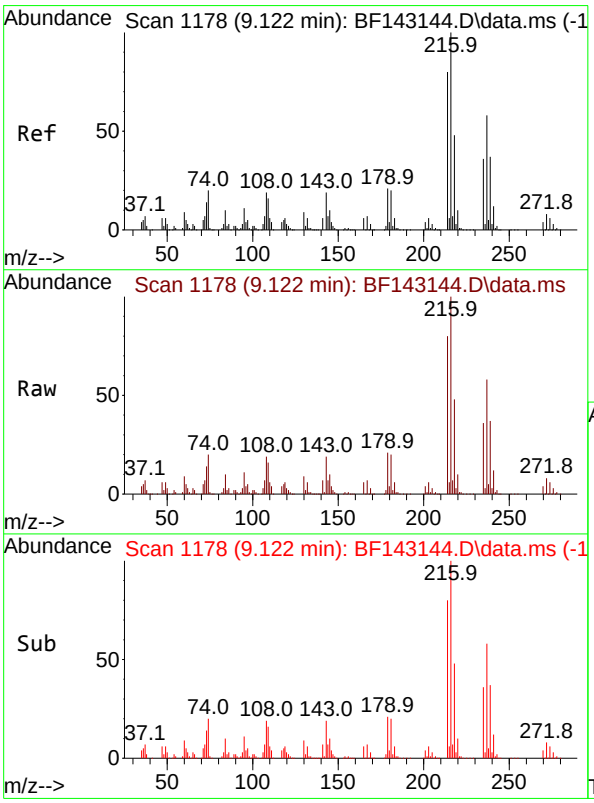

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:164 Resp: 331881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 79.0 | 118.6 |
| 160 | 43.9 | 35.1 | 52.7 |

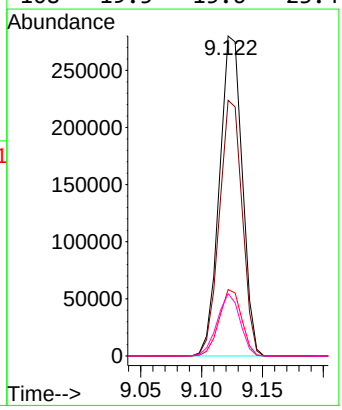


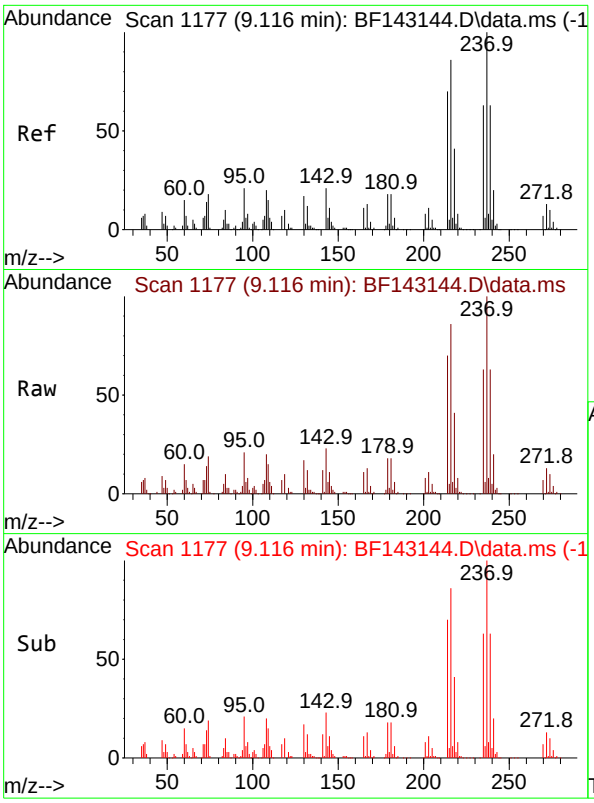




#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 19.5 | 15.6 | 23.4 |



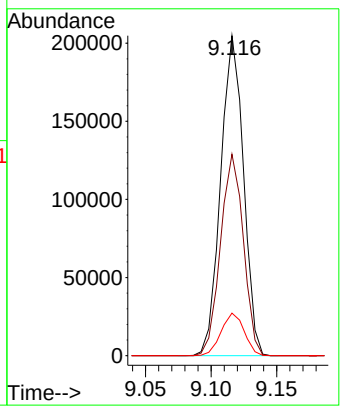


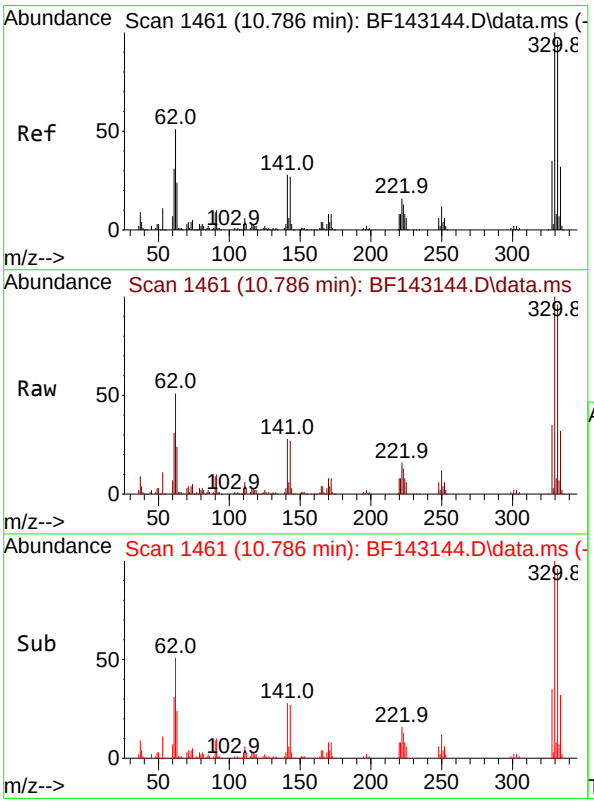

#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:237 Resp: 247480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 43.0 | 83.0 |
| 272 | 13.3 | 0.0 | 33.3 |

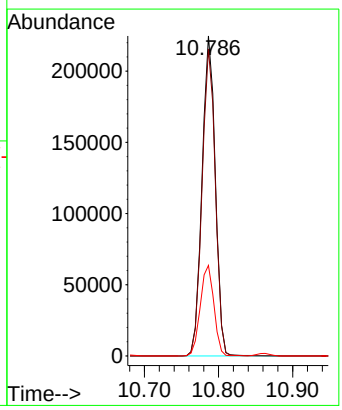


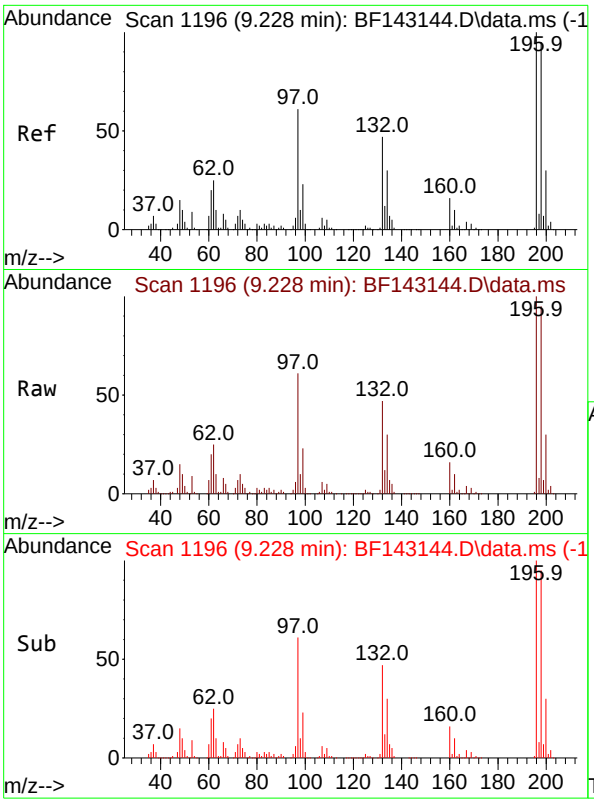




#42
2,4,6-Tribromophenol
Concen: 81.485 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:330 Resp: 279373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.7 | 115.1 |
| 141 | 29.1 | 23.3 | 34.9 |



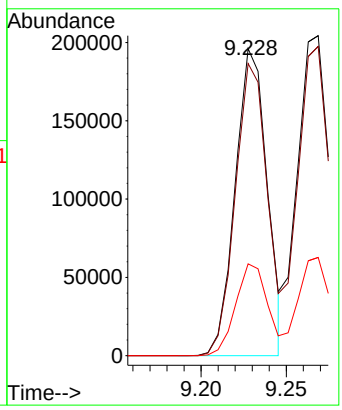


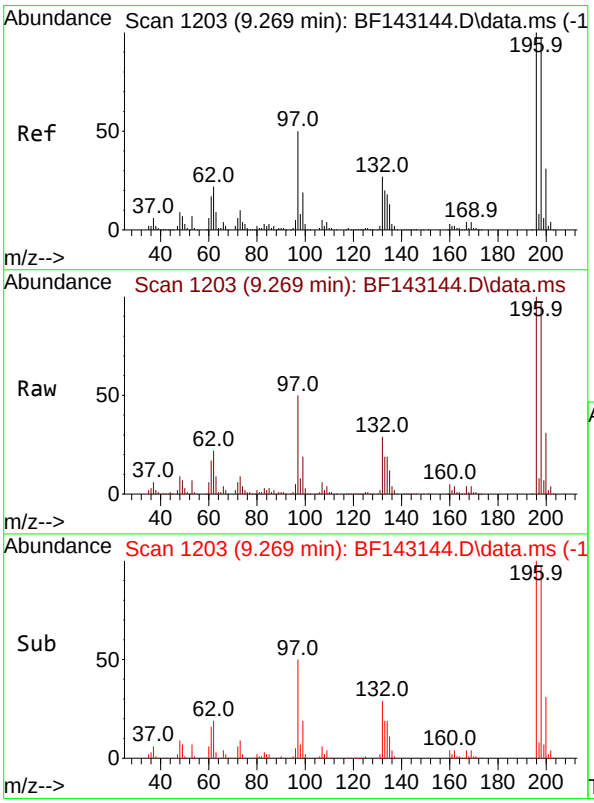

#43
2,4,6-Trichlorophenol
Concen: 38.471 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:196 Resp: 255115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |

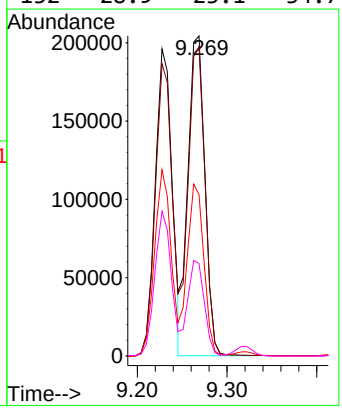


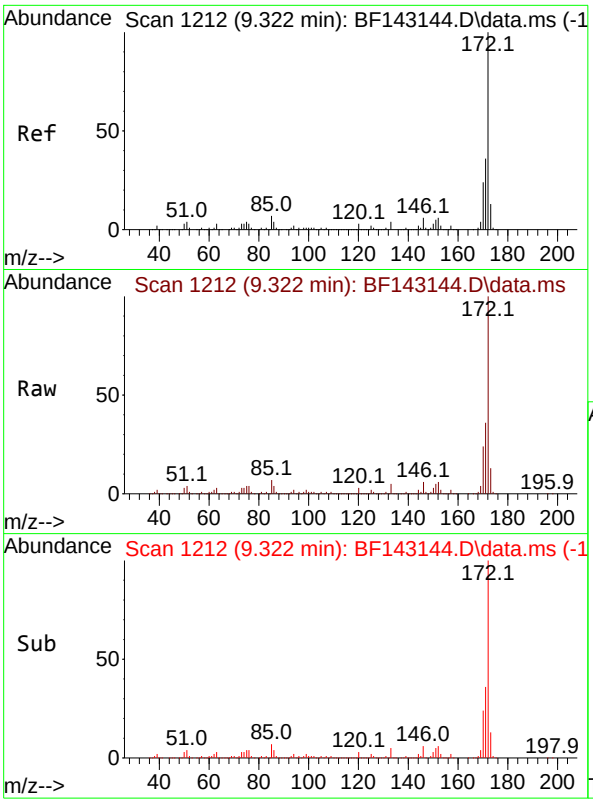




#44
2,4,5-Trichlorophenol
Concen: 40.494 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:196 Resp: 268615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 77.3 | 115.9 |
| 97 | 50.4 | 40.3 | 60.5 |
| 132 | 28.9 | 23.1 | 34.7 |



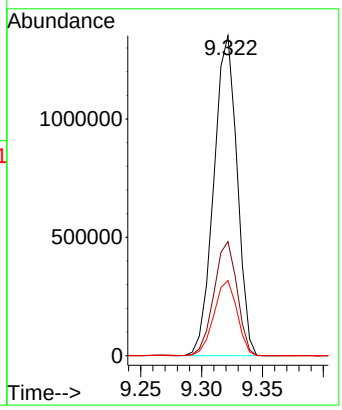


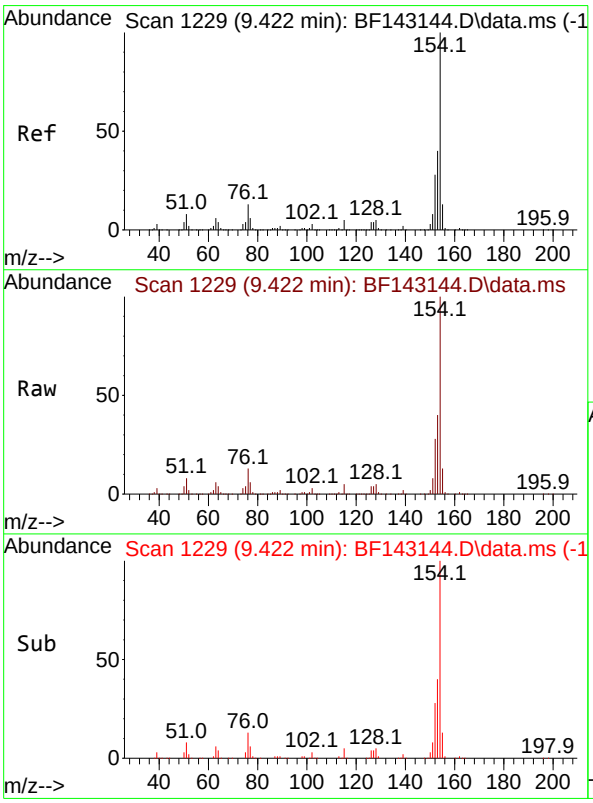

#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:172 Resp: 1802398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |

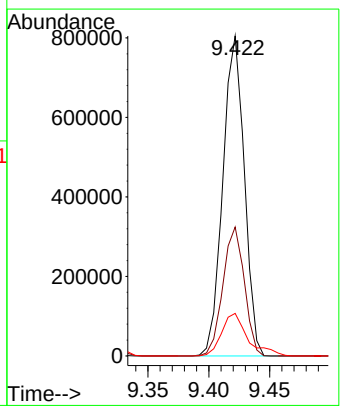


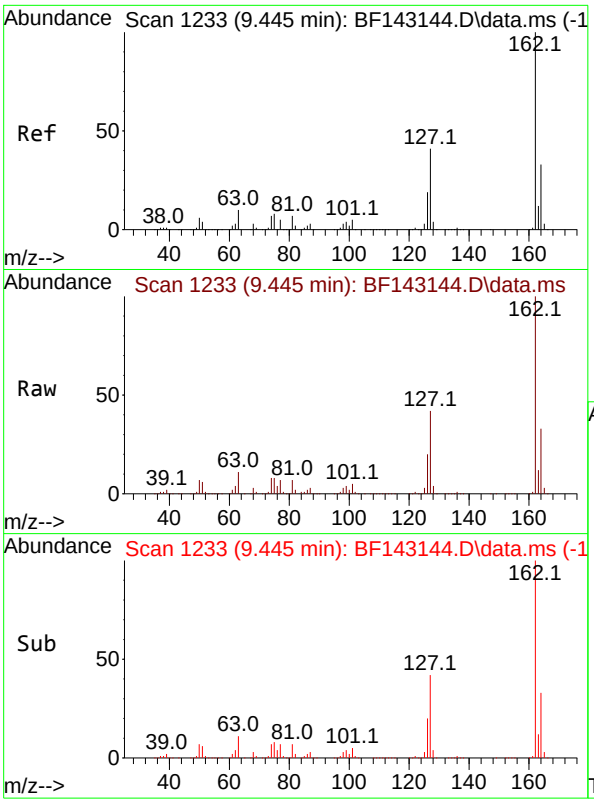




#46
1,1'-Biphenyl
Concen: 38.177 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 988537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.3 | 60.3 |
| 76 | 13.3 | 0.0 | 33.3 |



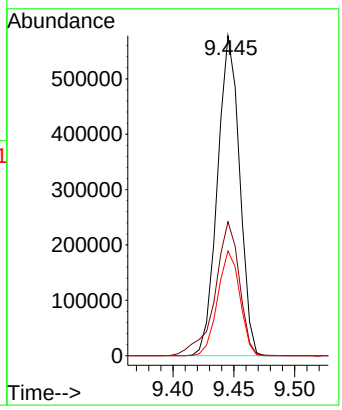


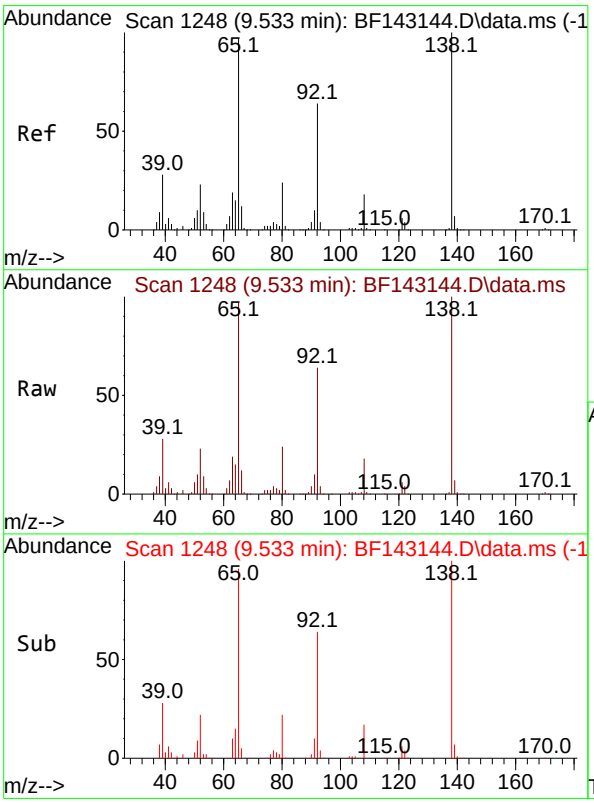

#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:162 Resp: 731879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.8 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |

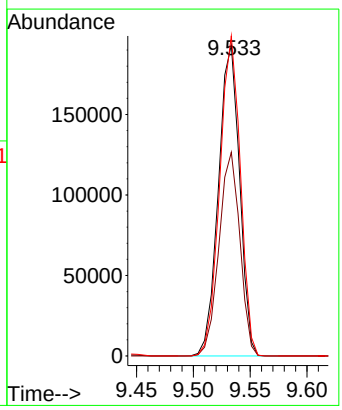


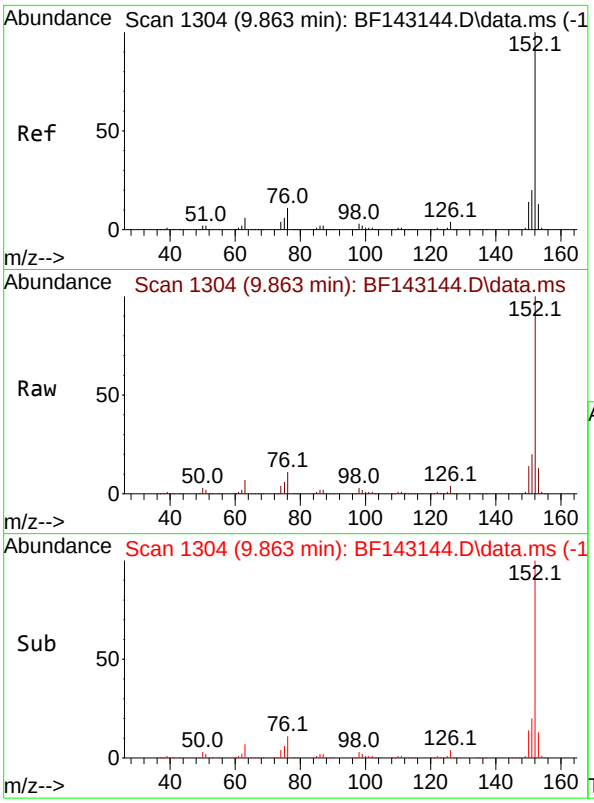




#48
2-Nitroaniline
Concen: 41.594 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 65 Resp: 249908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.5 | 52.4 | 78.6 |
| 138 | 102.9 | 82.3 | 123.5 |



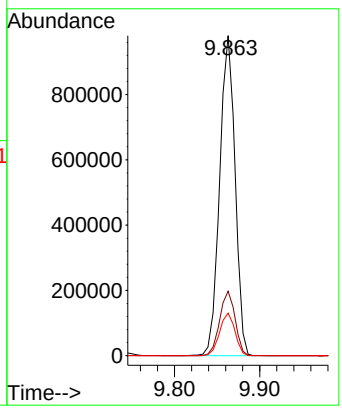


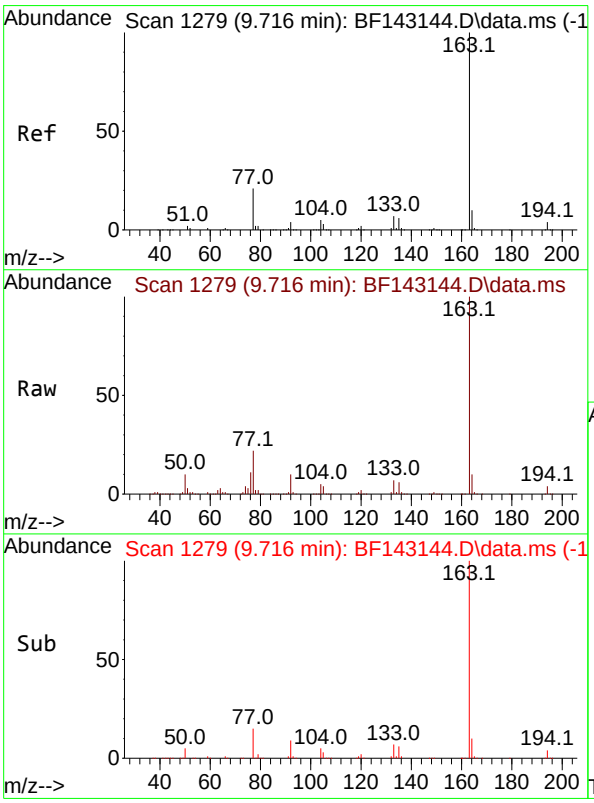

#49
Acenaphthylene
Concen: 38.458 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:152 Resp: 1234789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |

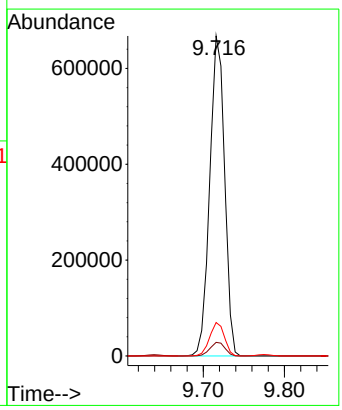


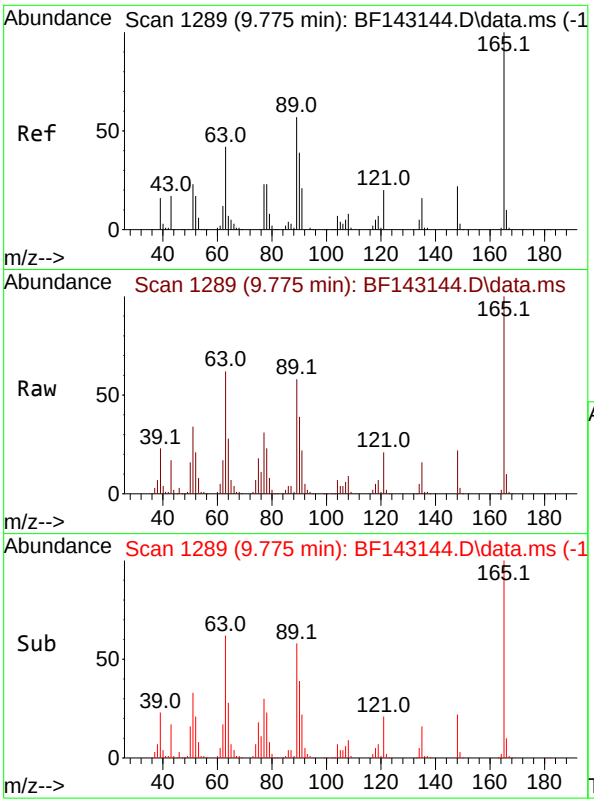




#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:163 Resp: 848828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.4 | 8.3 | 12.5 |



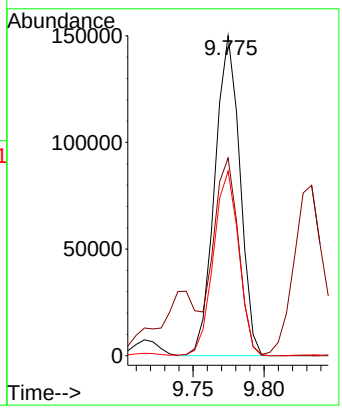


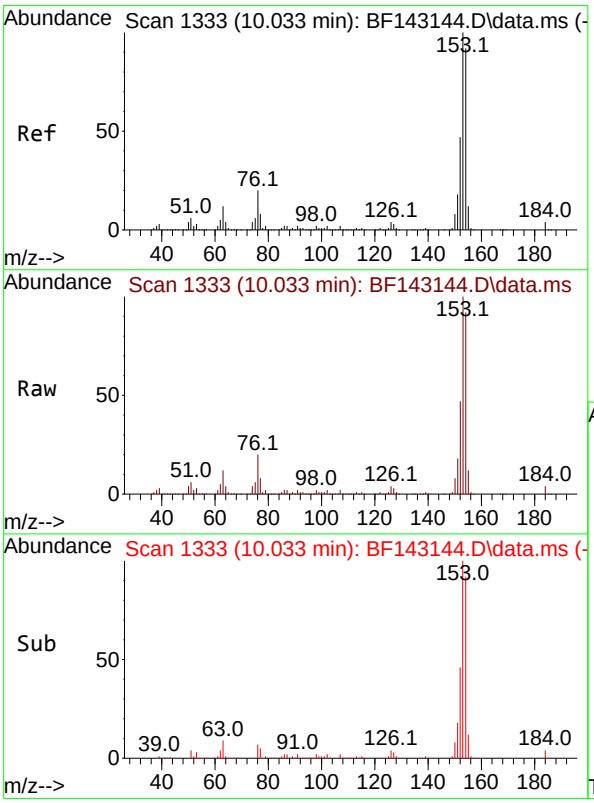

#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 184242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.8 | 49.4 | 74.2 |
| 89 | 57.7 | 46.2 | 69.2 |

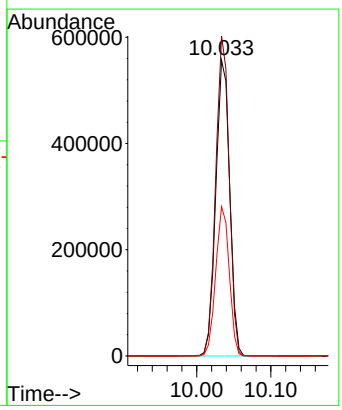


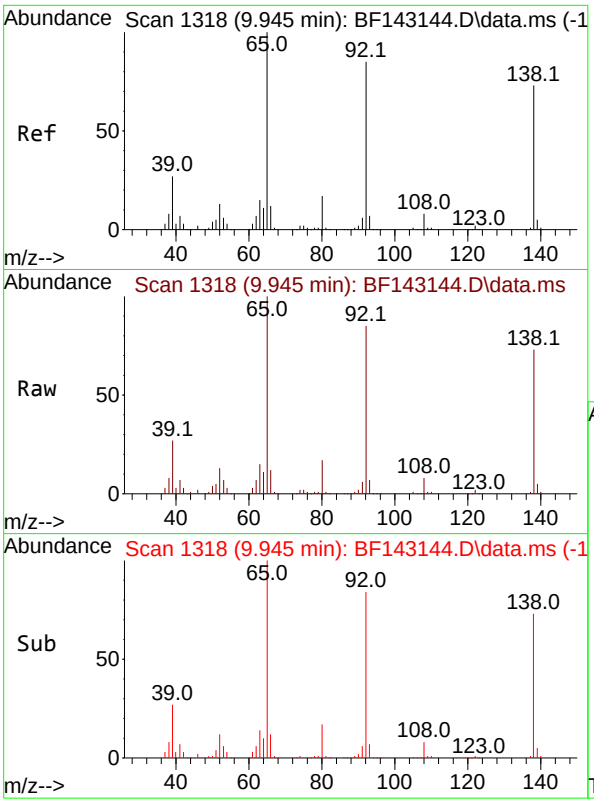




#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:154 Resp: 727386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.2 | 86.6 | 129.8 |
| 152 | 50.5 | 40.4 | 60.6 |



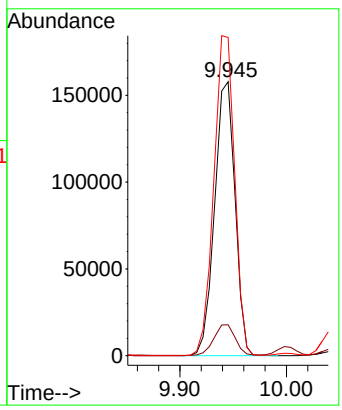


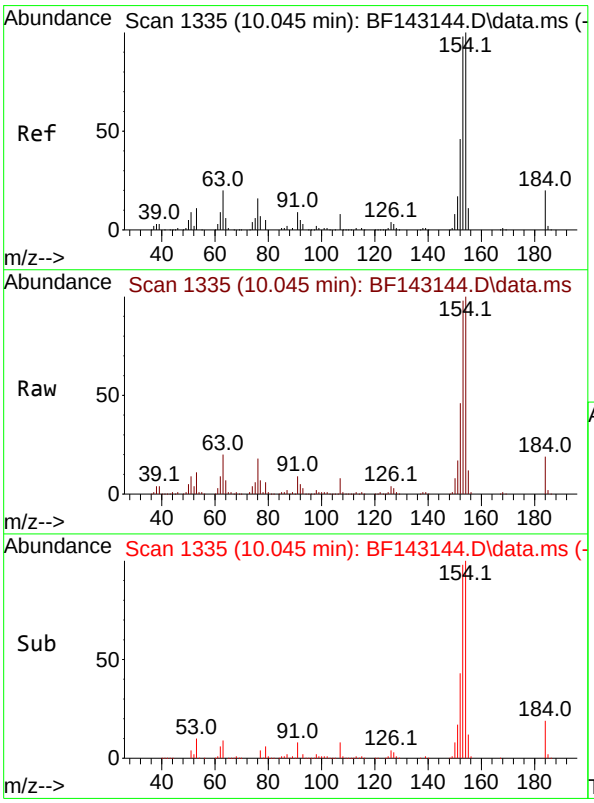

#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:138 Resp: 210179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.3 | 9.0 | 13.6 |
| 92 | 116.2 | 93.0 | 139.4 |

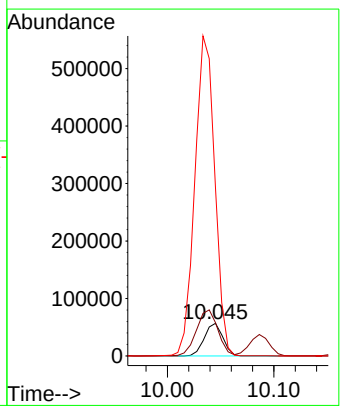


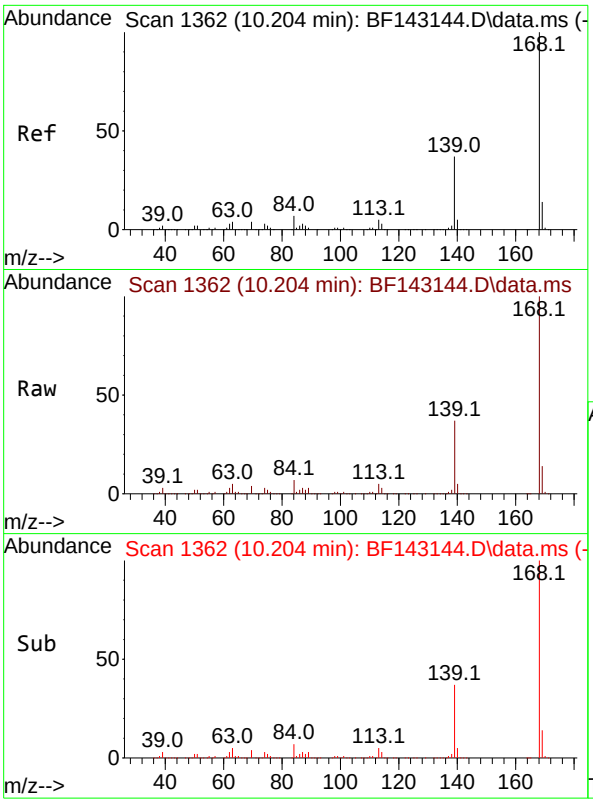




#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:184 Resp: 69157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 102.2 | 81.8 | 122.6 |
| 154 | 515.3 | 412.2 | 618.4 |



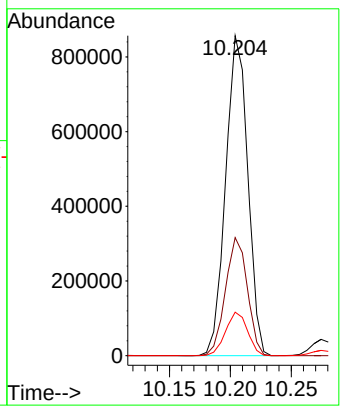


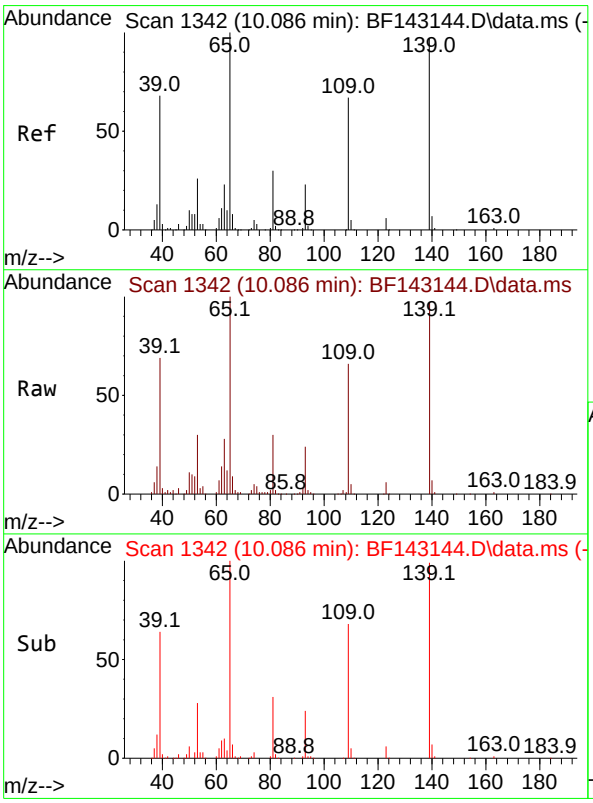

#55
Dibenzofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:168 Resp: 1083678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.6 | 10.9 | 16.3 |

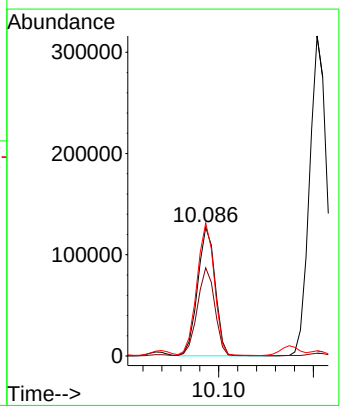


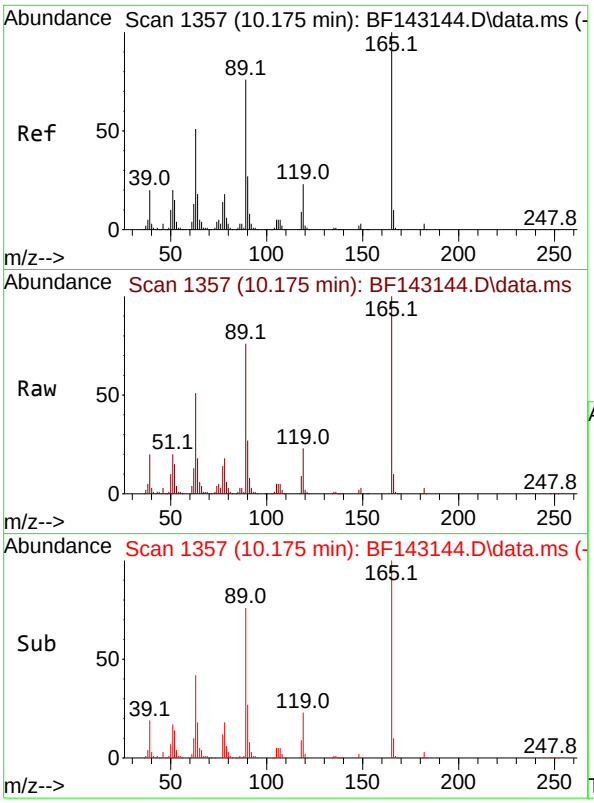




#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 163009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.5 | 48.5 | 88.5 |
| 65 | 103.4 | 83.4 | 123.4 |



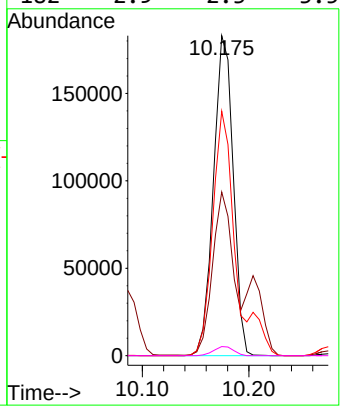


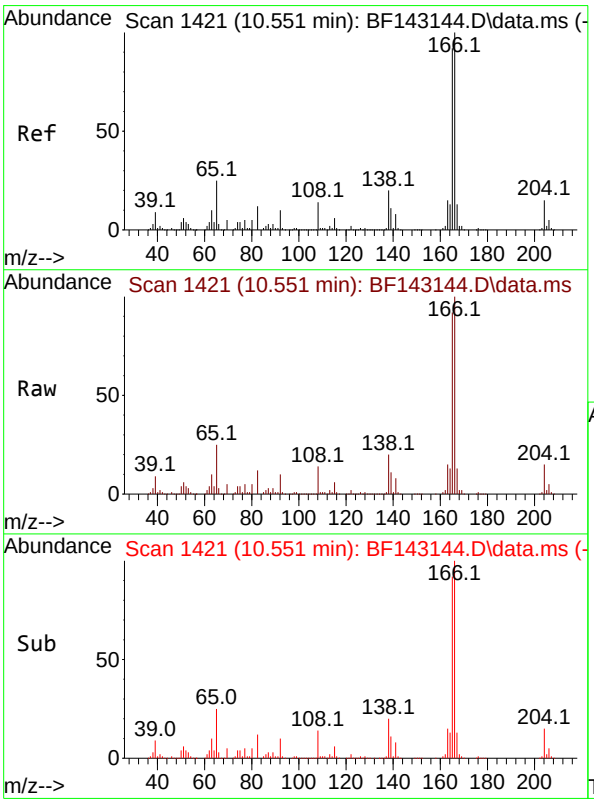

#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:165 Resp: 235101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.2 | 41.0 | 61.4 |
| 89 | 76.4 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |

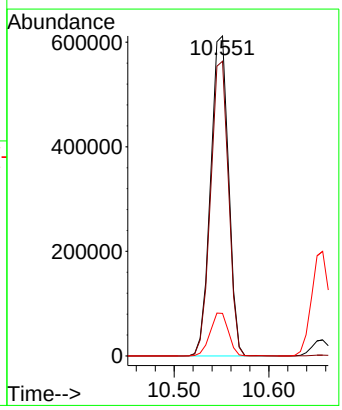


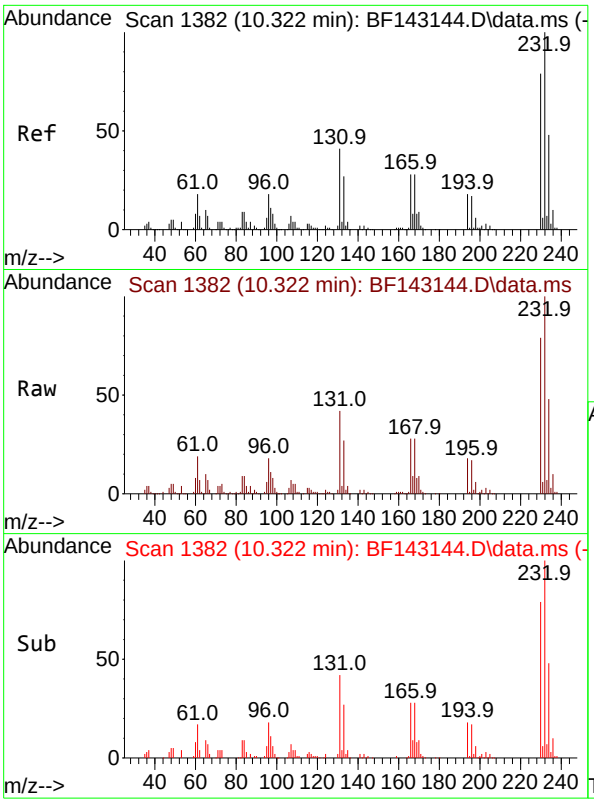




#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:166 Resp: 804336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.3 | 10.6 | 16.0 |



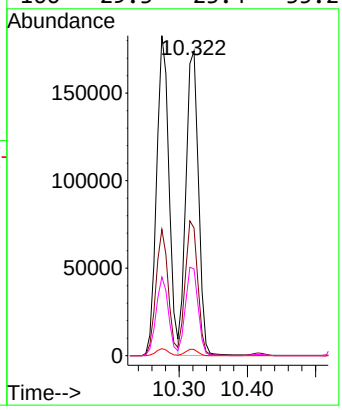


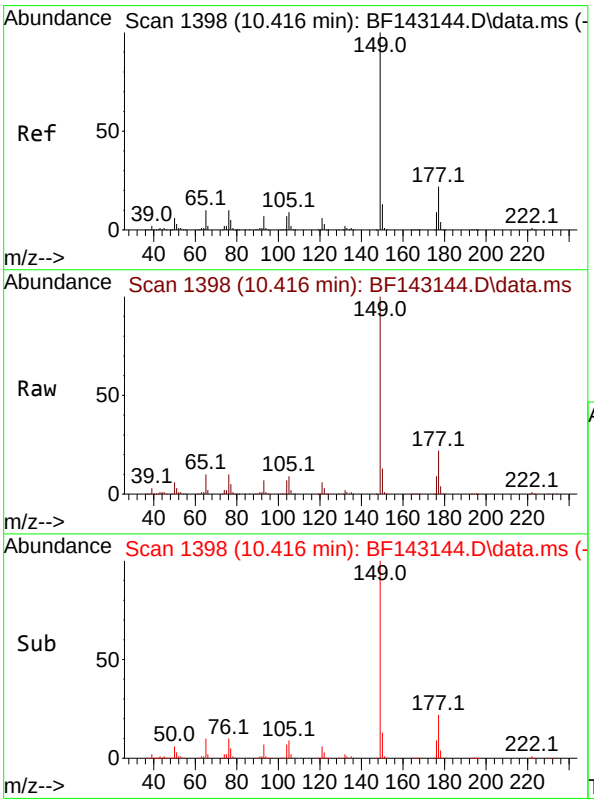

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:232 Resp: 220872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.1 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 29.3 | 23.4 | 35.2 |

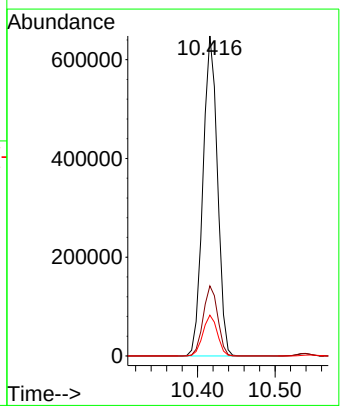


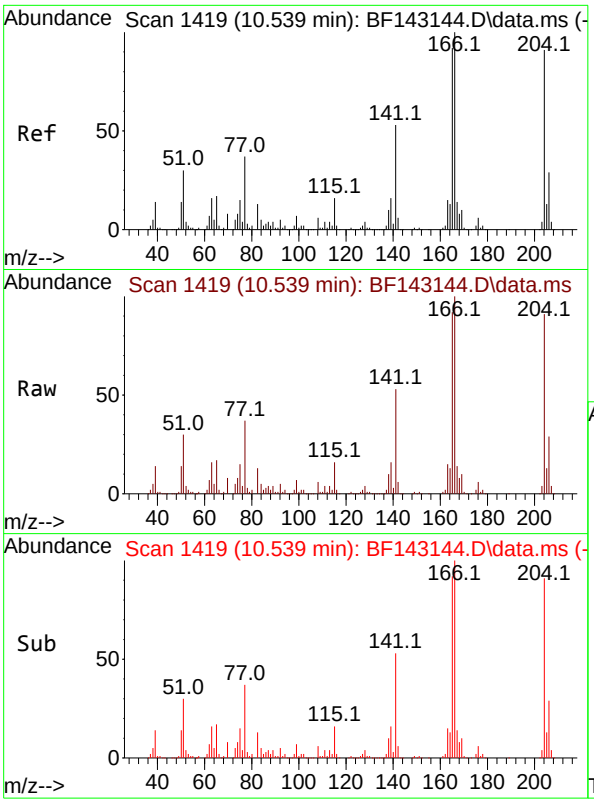




#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 842184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.9 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |



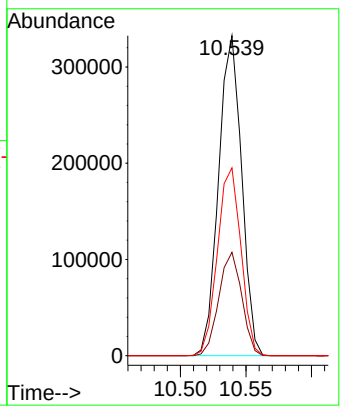


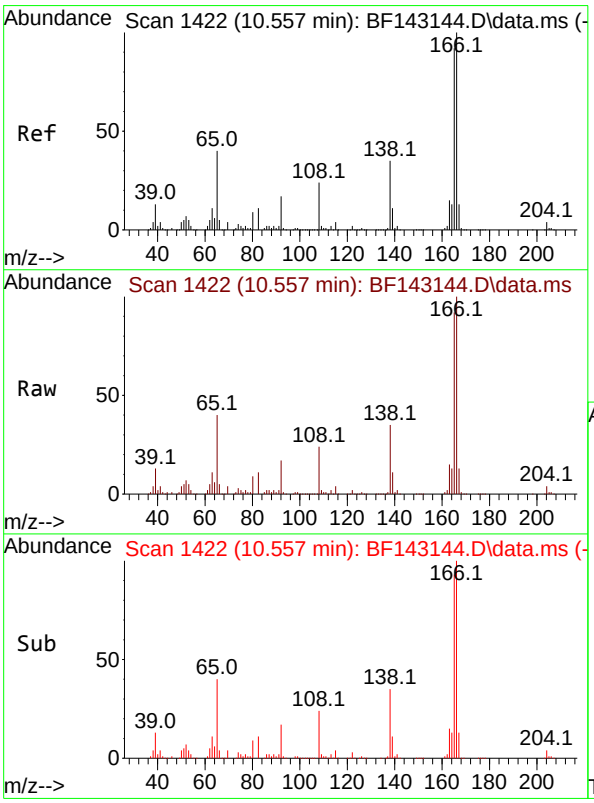

#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:204 Resp: 406477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 25.8 | 38.8 |
| 141 | 58.7 | 47.0 | 70.4 |

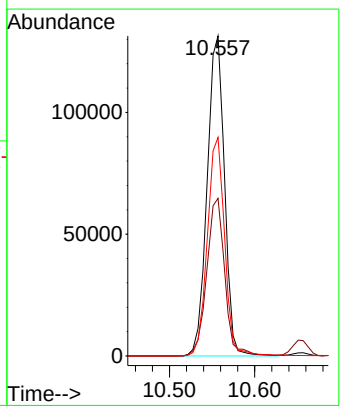


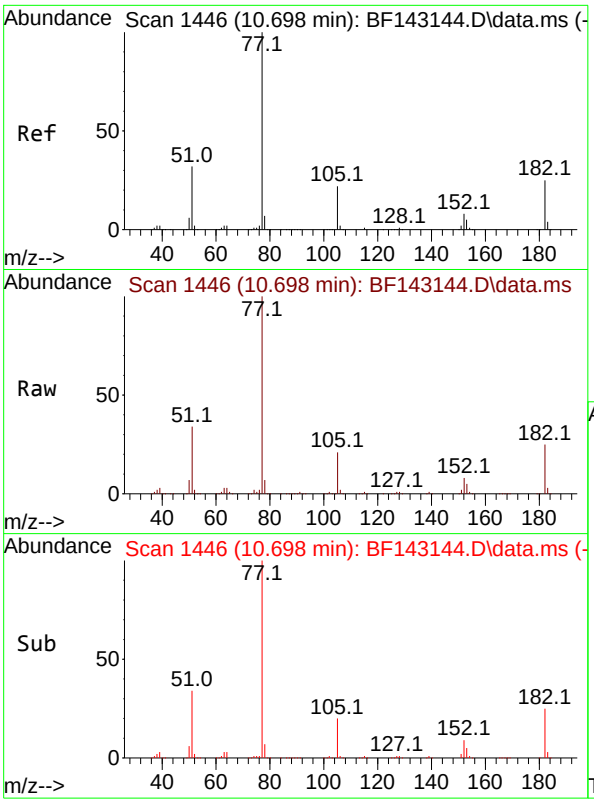




#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:138 Resp: 185530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 29.3 | 69.3 |
| 108 | 68.3 | 48.3 | 88.3 |



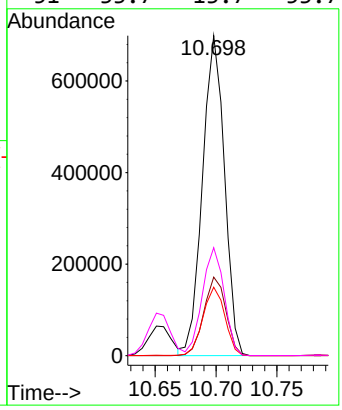


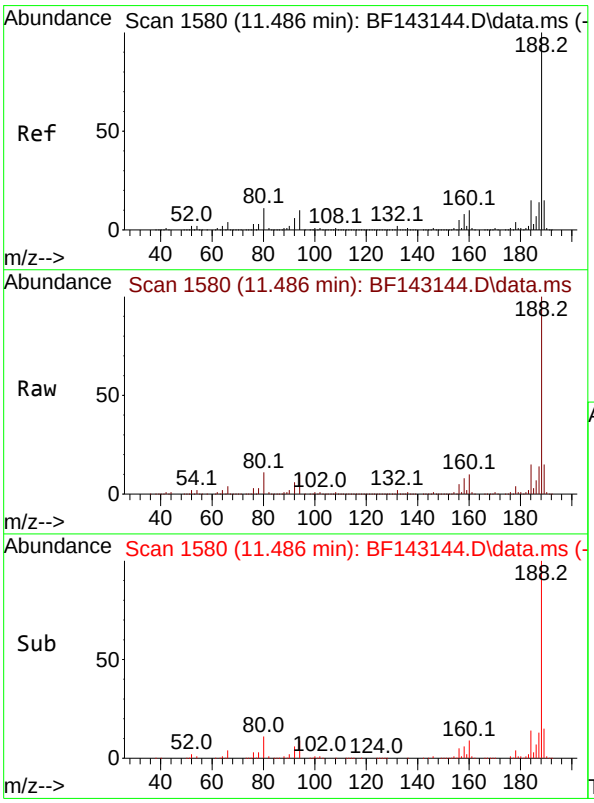

#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion: 77 Resp: 876387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 4.6 | 44.6 |
| 105 | 21.4 | 1.4 | 41.4 |
| 51 | 33.7 | 13.7 | 53.7 |

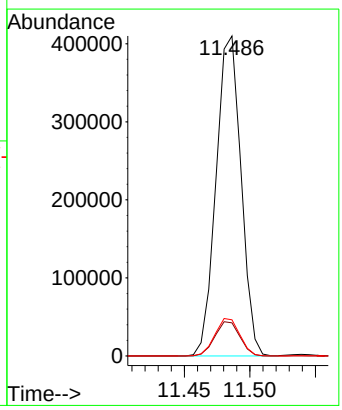


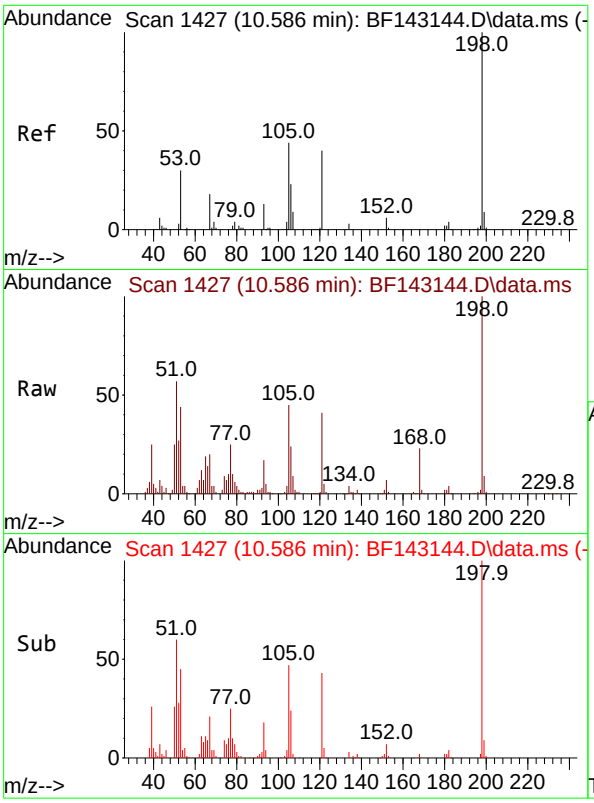




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:188 Resp: 542726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 8.3 | 12.5 |
| 80 | 11.3 | 9.0 | 13.6 |



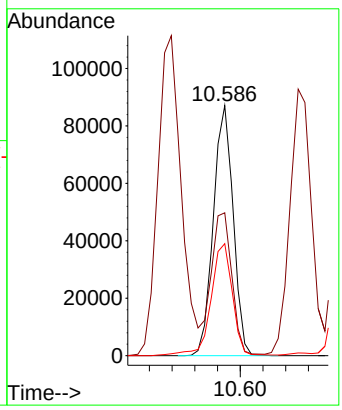


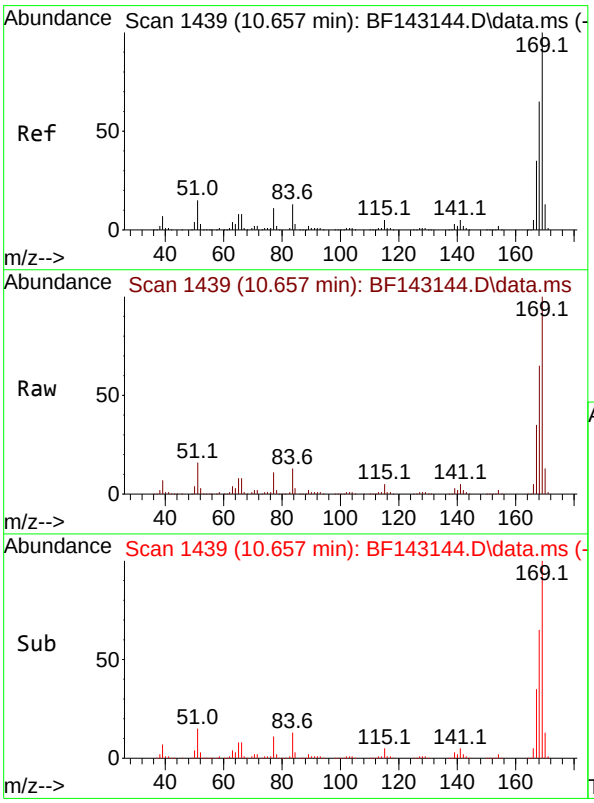

#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:198 Resp: 105533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.2 | 37.2 | 77.2 |
| 105 | 44.8 | 24.8 | 64.8 |

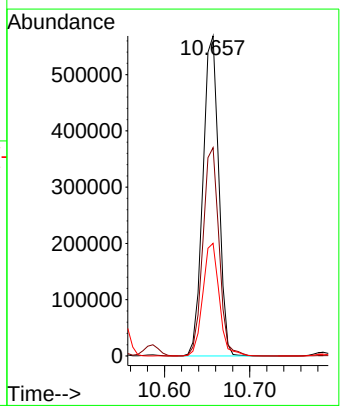


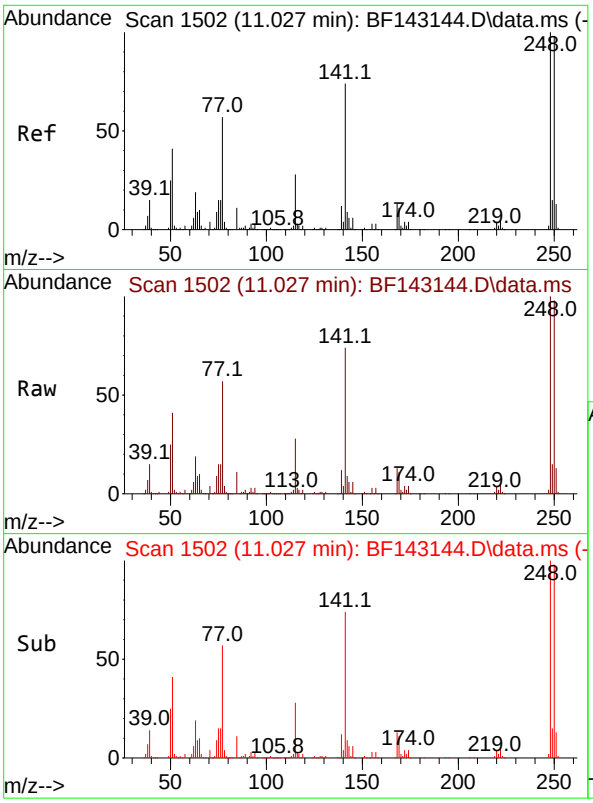




#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:169 Resp: 731532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 52.1 | 78.1 |
| 167 | 35.2 | 28.2 | 42.2 |



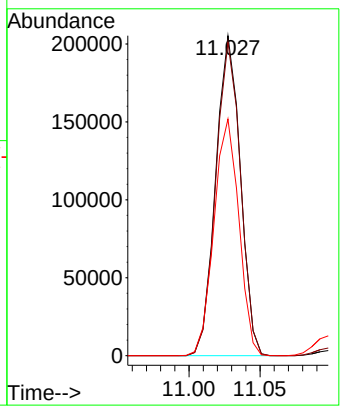


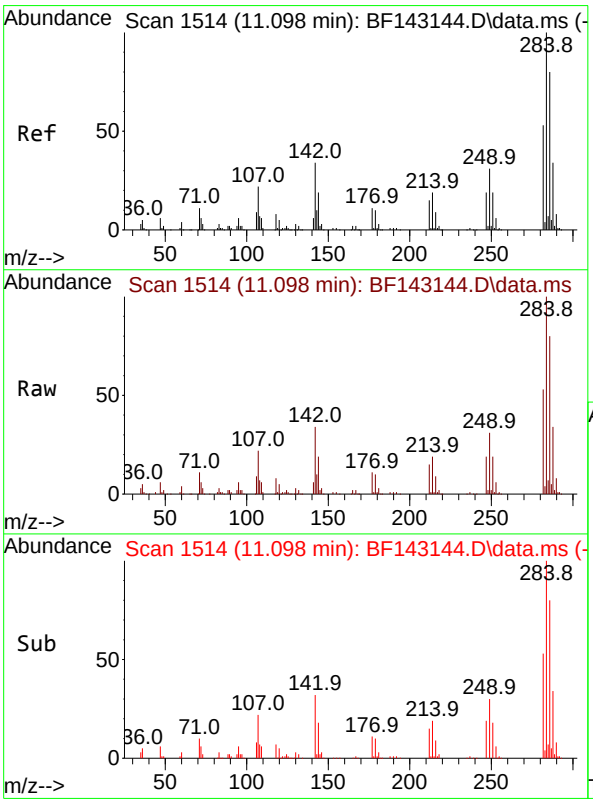

#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:248 Resp: 247764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.3 | 117.5 |
| 141 | 74.0 | 59.2 | 88.8 |

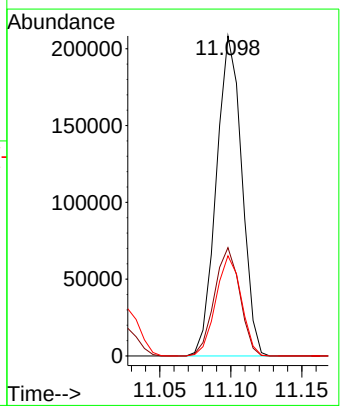


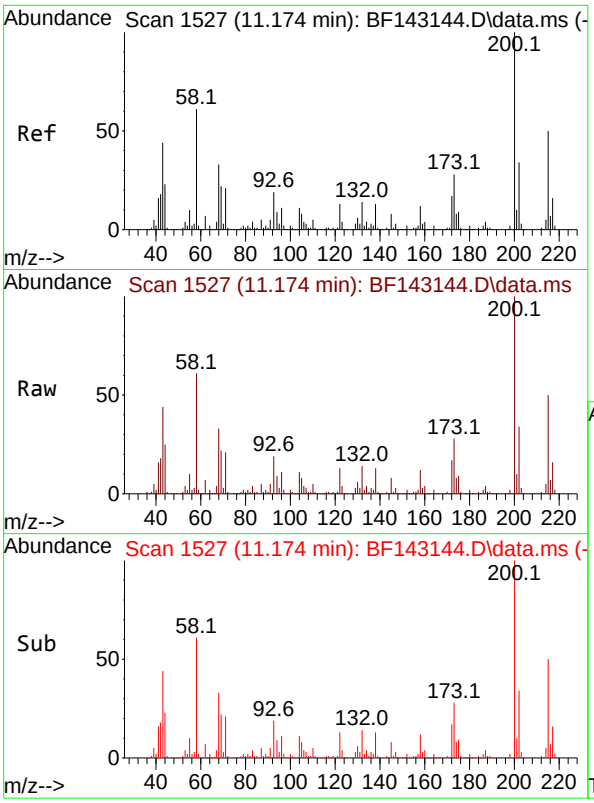




#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:284 Resp: 259758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.8 | 27.0 | 40.6 |
| 249 | 31.3 | 25.0 | 37.6 |



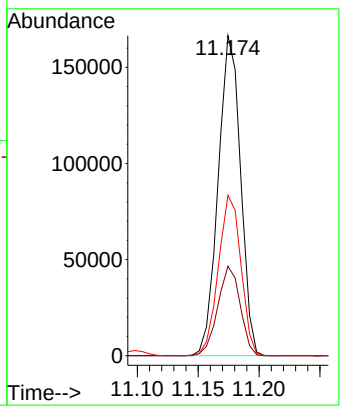


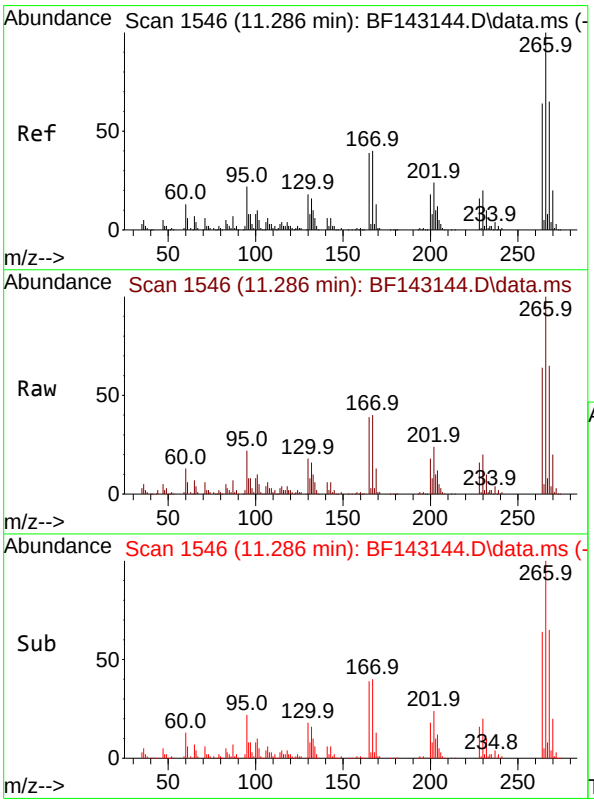

#69
Atrazine
Concen: 40.421 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:200 Resp: 212970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |

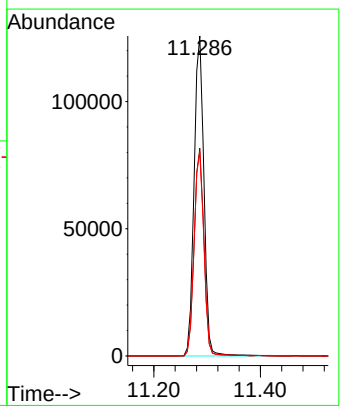


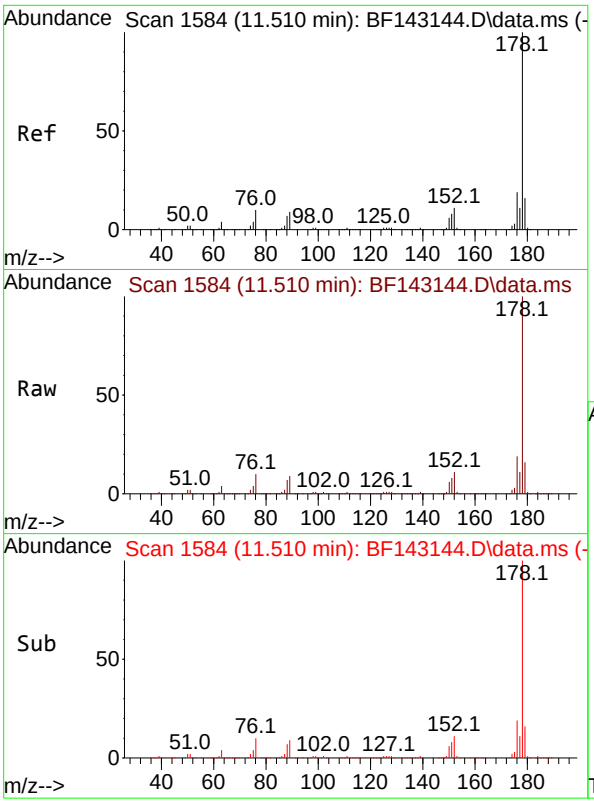




#70
Pentachlorophenol
Concen: 40.500 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:266 Resp: 161013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.9 | 51.9 | 77.9 |
| 264 | 63.8 | 51.0 | 76.6 |



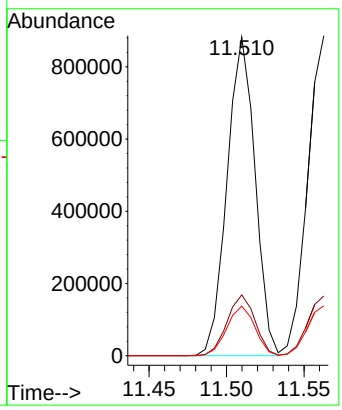


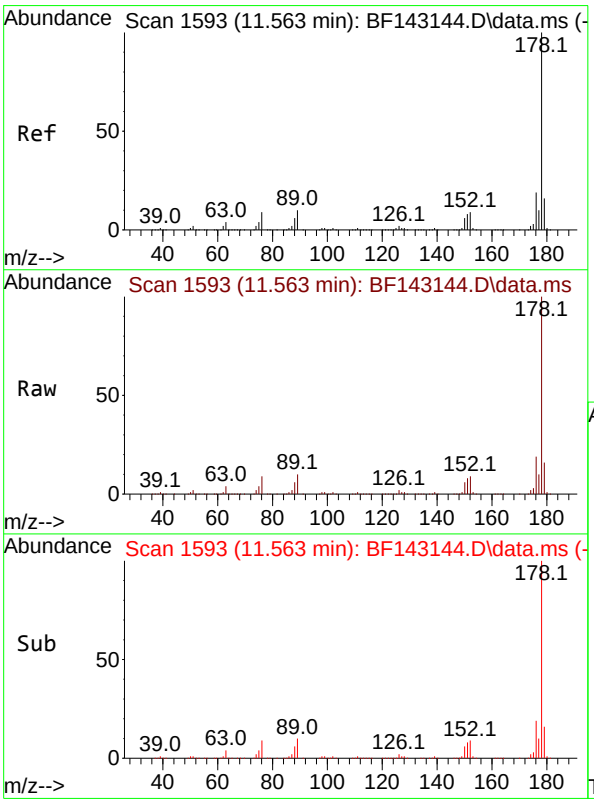

#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:178 Resp: 1107412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.6 | 12.5 | 18.7 |

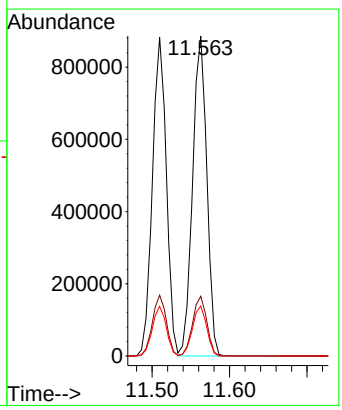


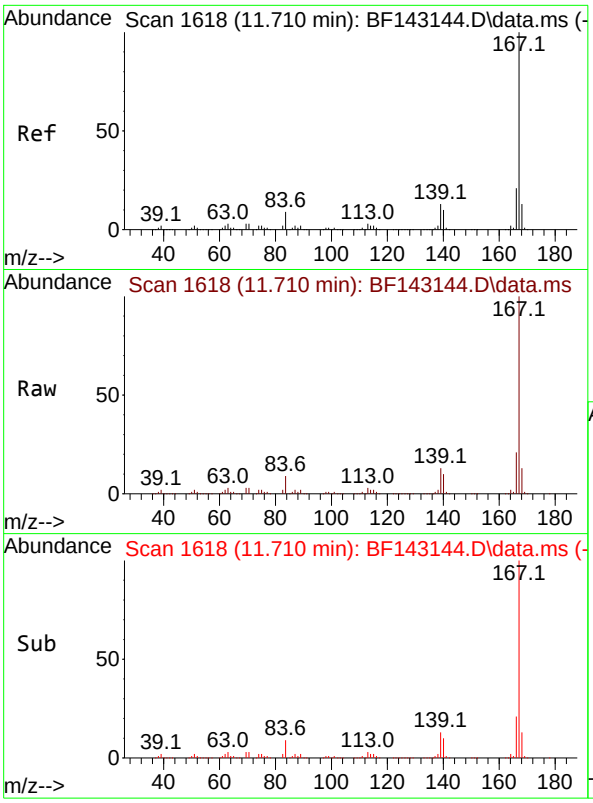




#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:178 Resp: 1126710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.6 | 12.5 | 18.7 |



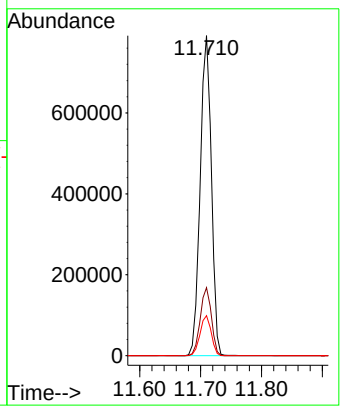


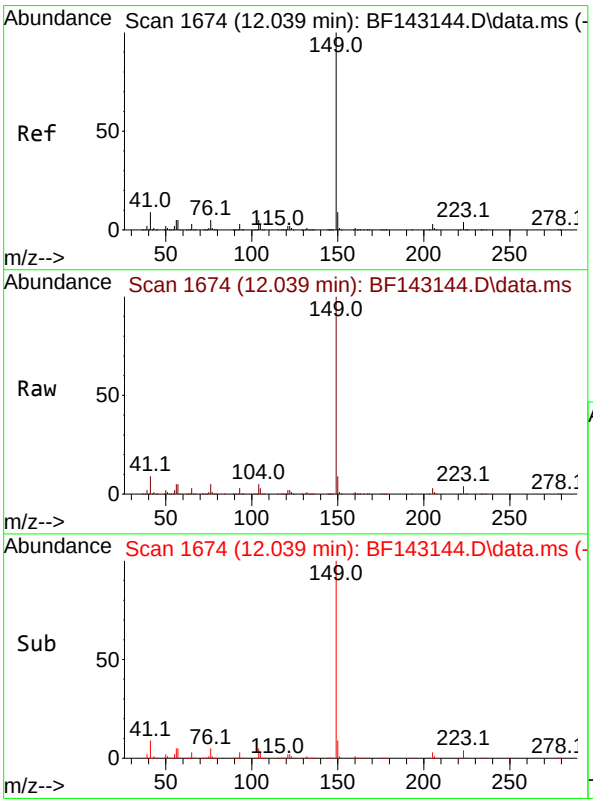

#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:167 Resp: 1008669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |

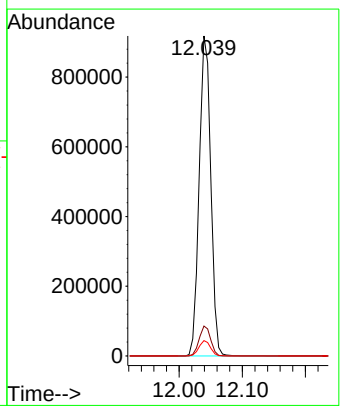


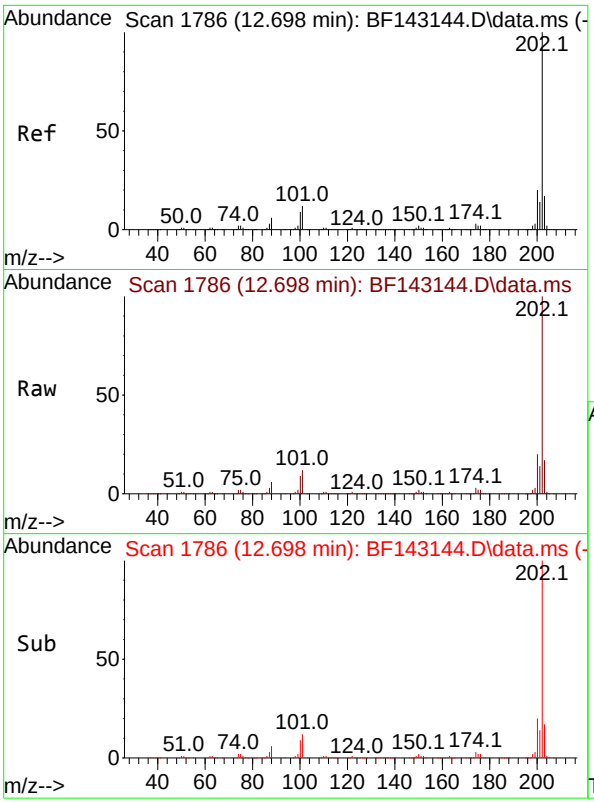




#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 1165443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.8 | 3.8 | 5.8 |



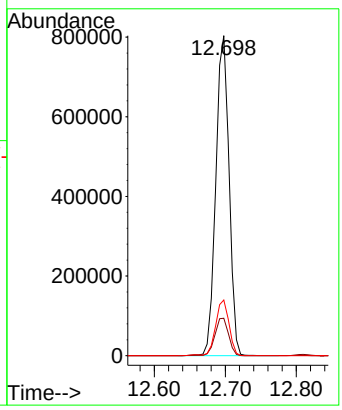


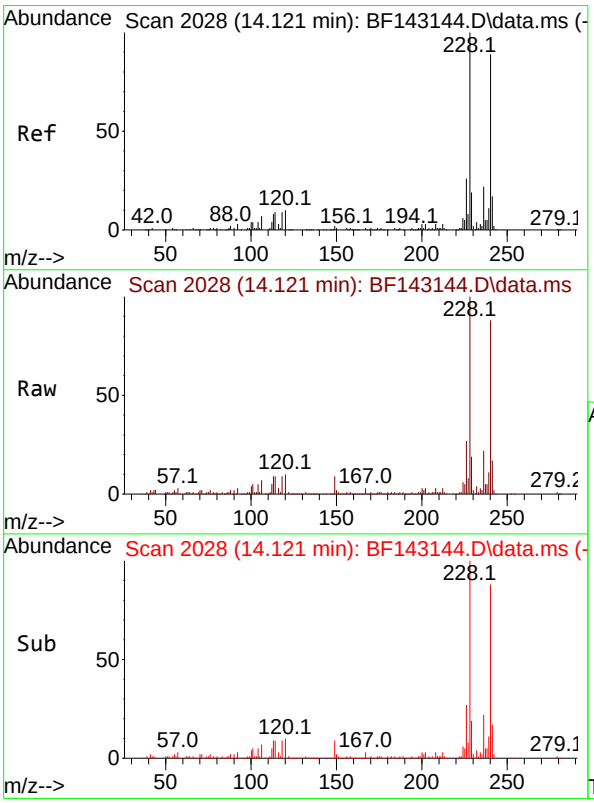

#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:202 Resp: 1034509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.4 | 0.0 | 37.4 |

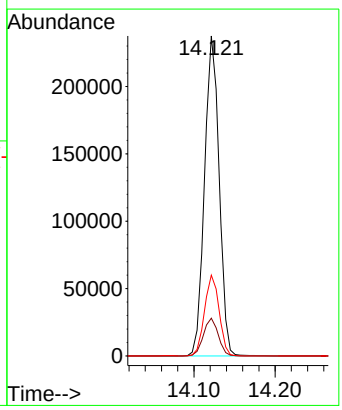


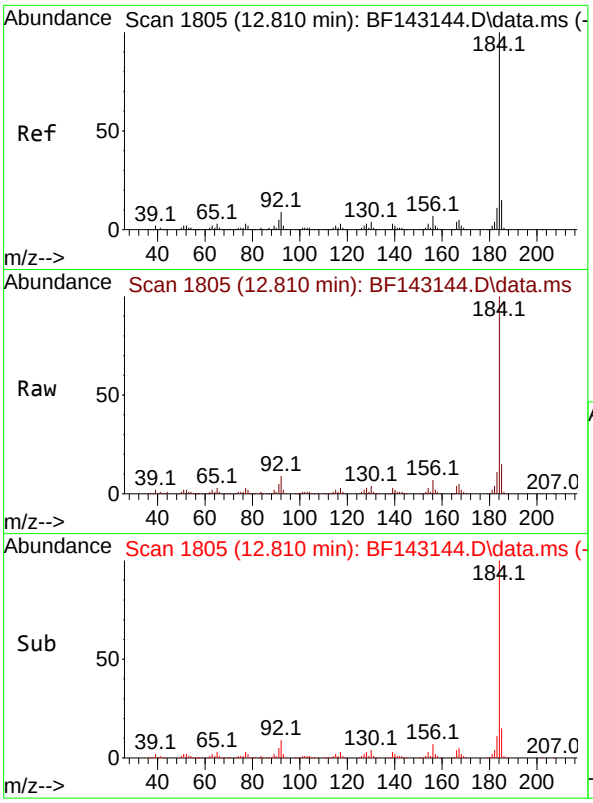




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:240 Resp: 296414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.4 | 14.2 |
| 236 | 25.3 | 20.2 | 30.4 |



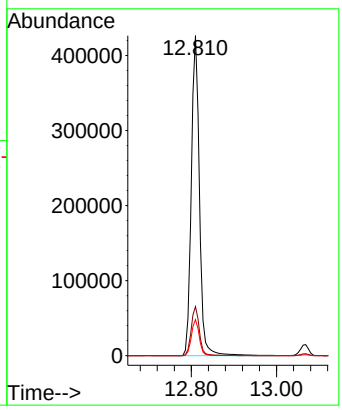


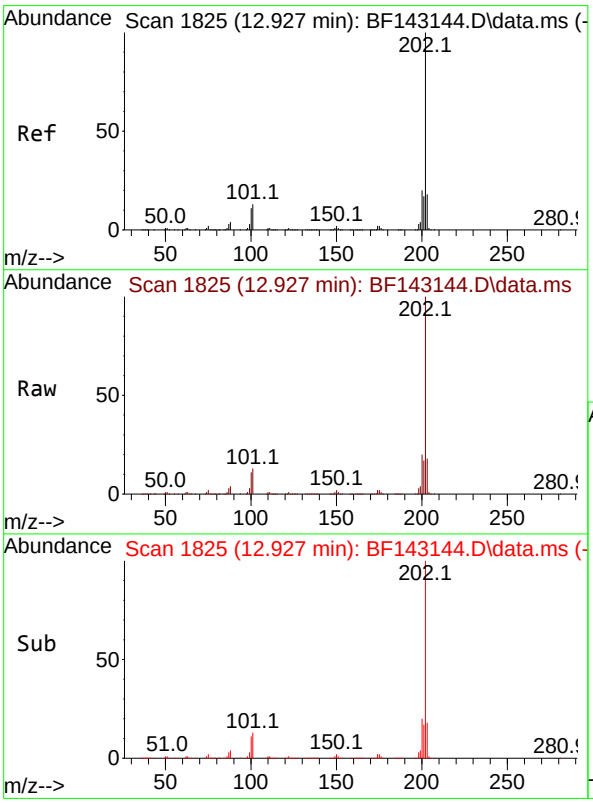

#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:184 Resp: 564732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 12.2 | 18.4 |
| 183 | 11.2 | 9.0 | 13.4 |

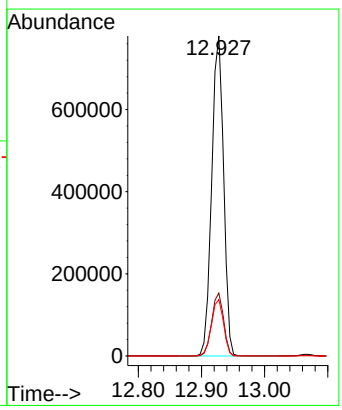


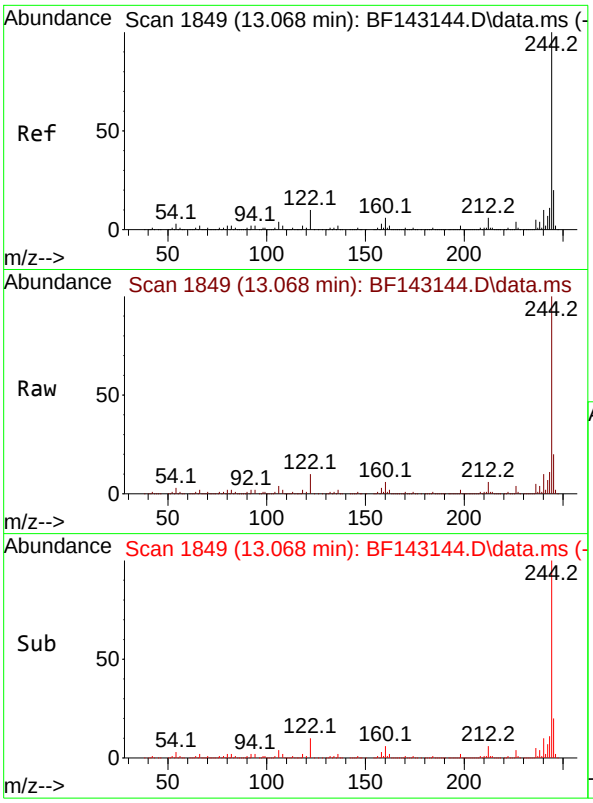




#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.6 | 15.7 | 23.5 |
| 203 | 17.7 | 14.2 | 21.2 |



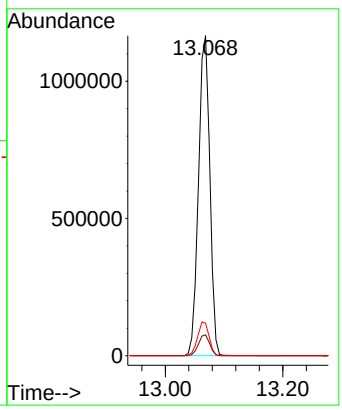


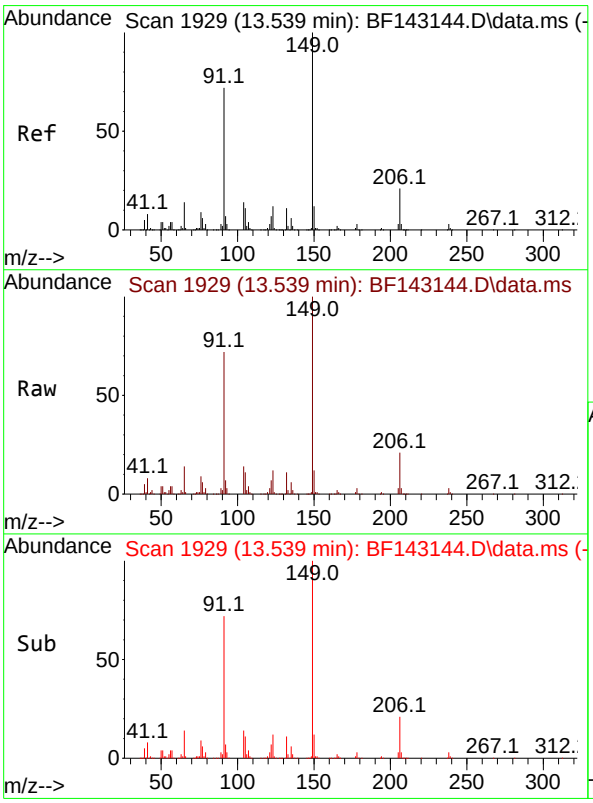

#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:244 Resp: 1554923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |

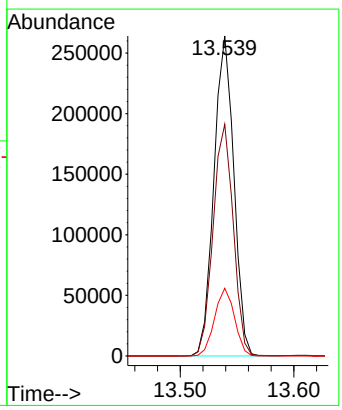


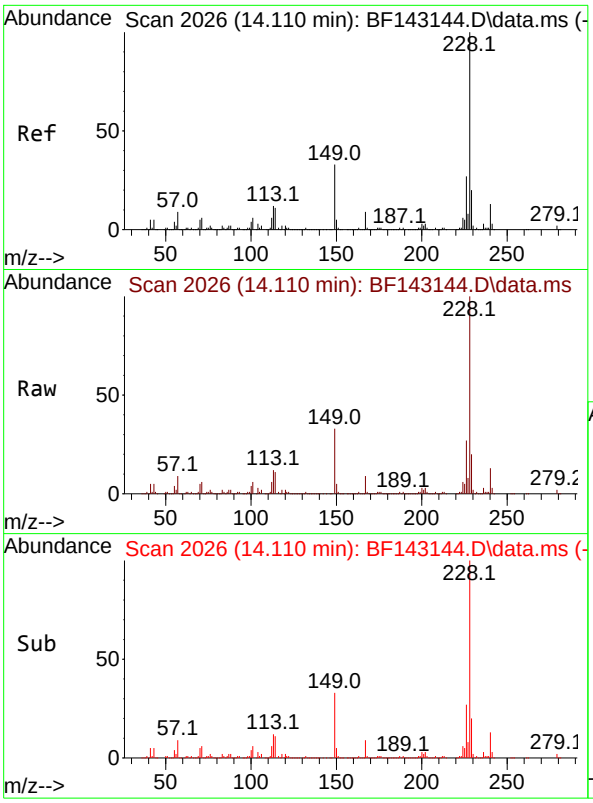




#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 322273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.4 | 57.9 | 86.9 |
| 206 | 21.2 | 17.0 | 25.4 |



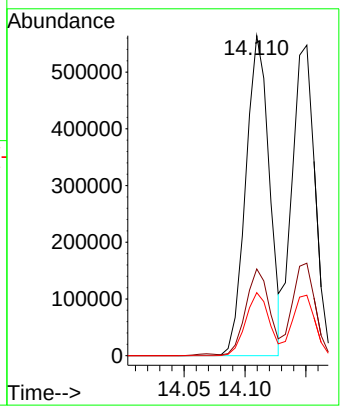


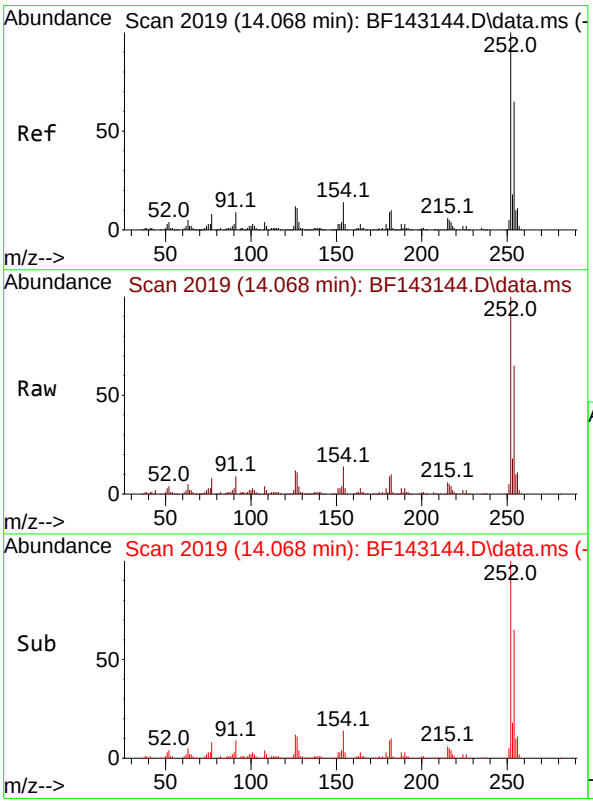

#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 759726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 19.7 | 15.8 | 23.6 |

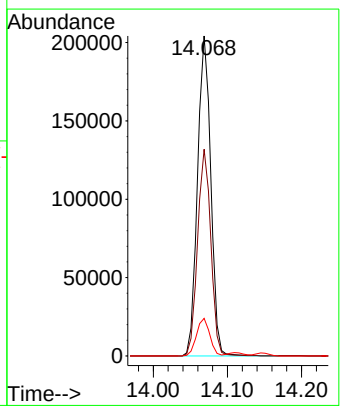


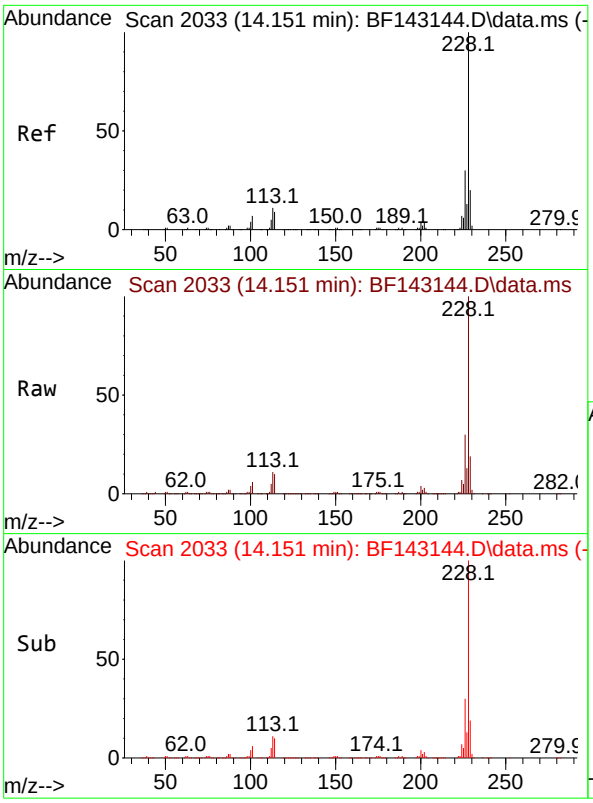




#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 254099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 11.7 | 9.4 | 14.0 |



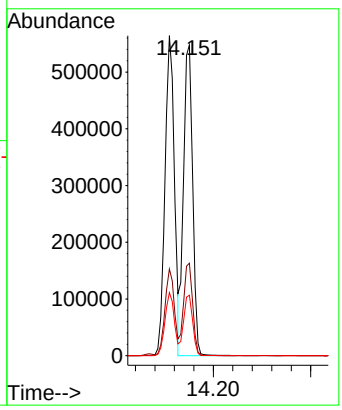


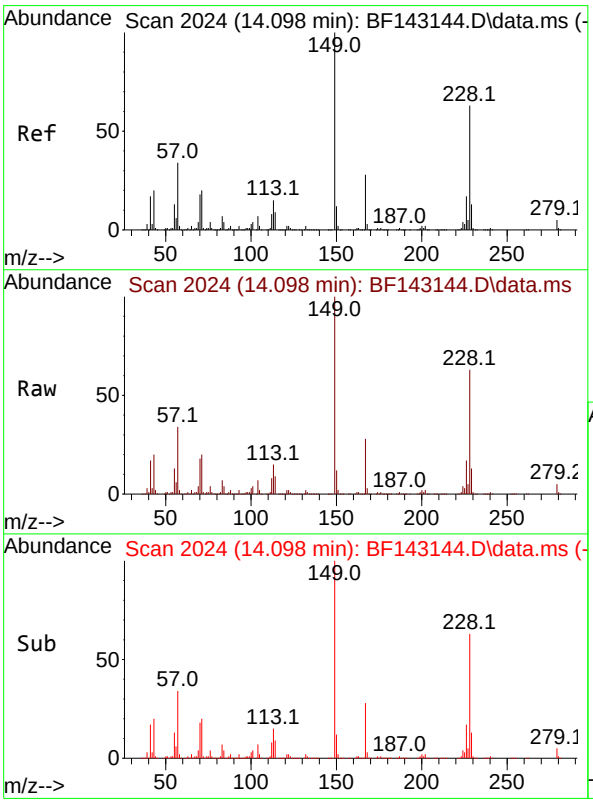

#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:228 Resp: 715222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |

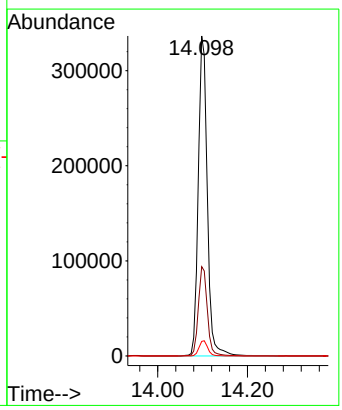


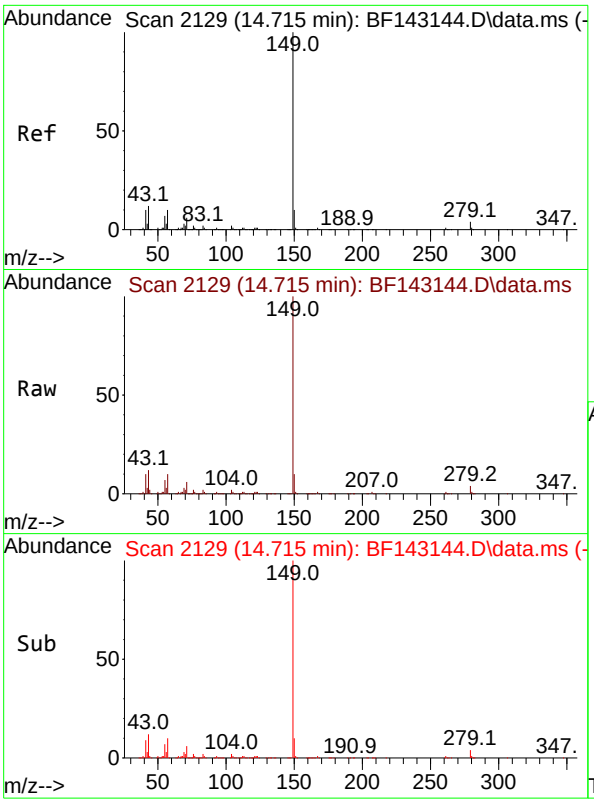




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:149 Resp: 467892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |



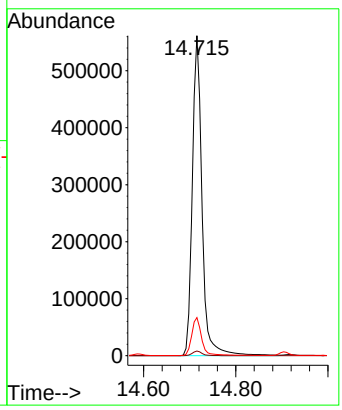


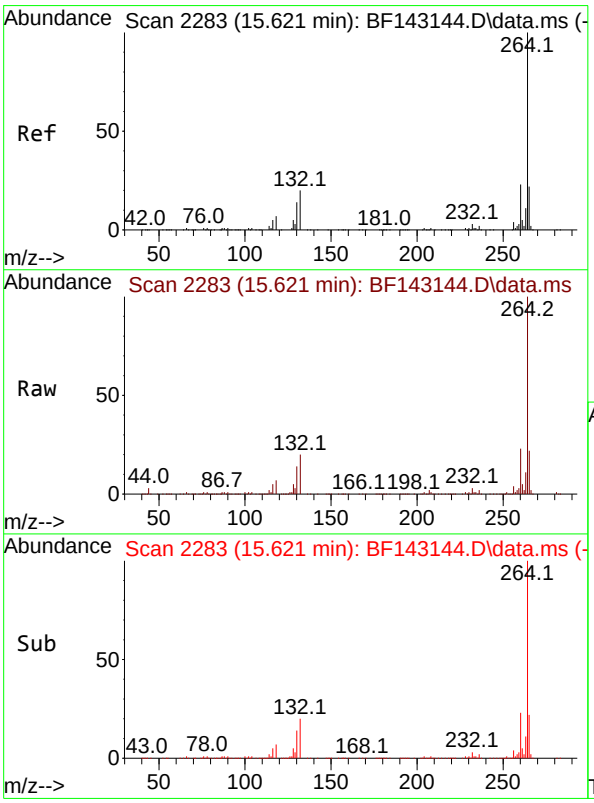

#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:149 Resp: 820264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.1 | 1.7 |
| 43 | 12.1 | 9.7 | 14.5 |

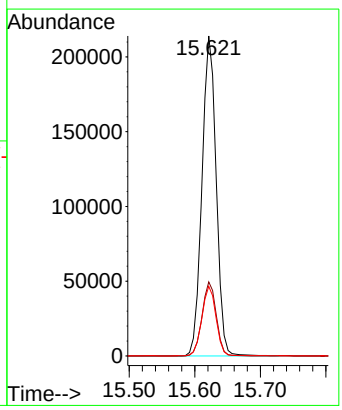


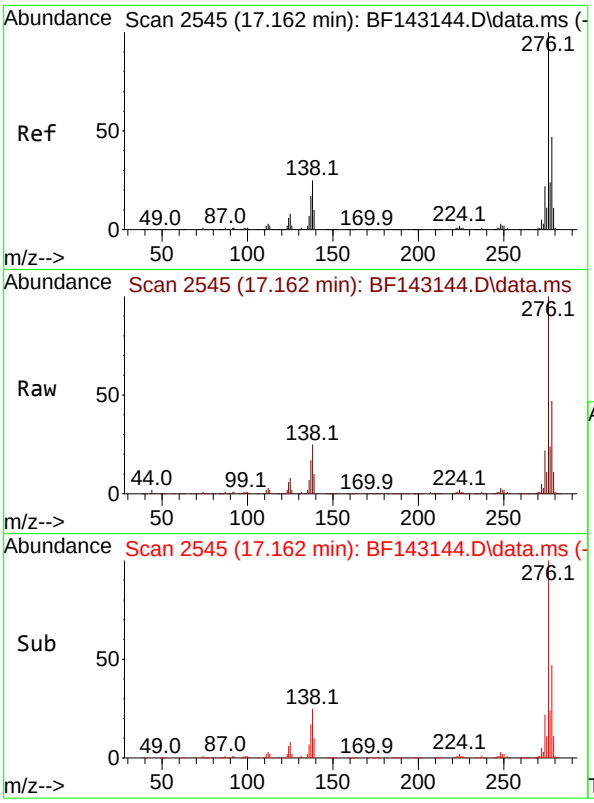




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:264 Resp: 323574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.8 | 17.4 | 26.2 |



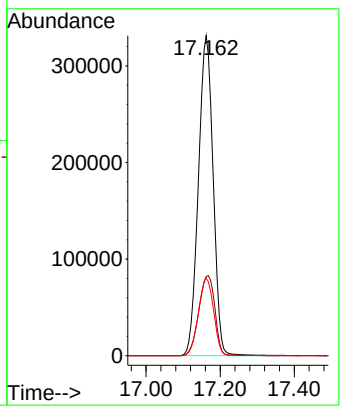


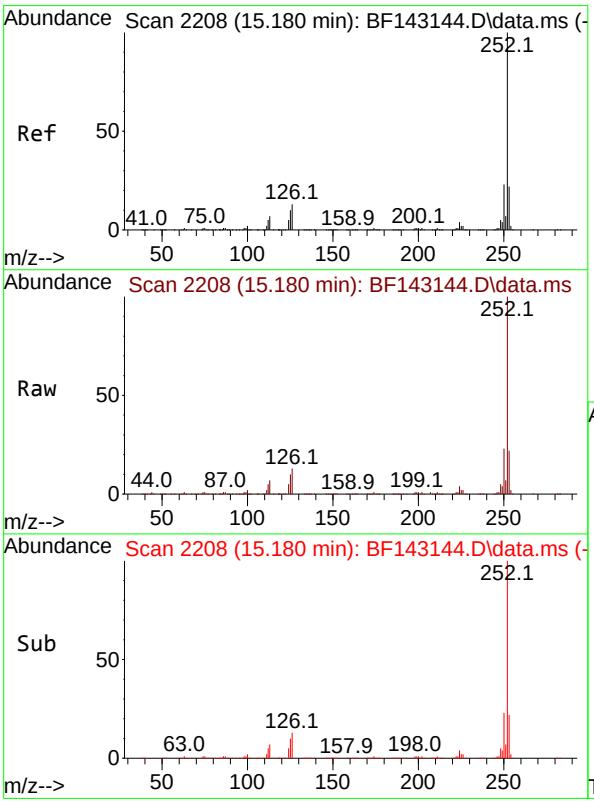

#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:276 Resp: 914626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 21.8 | 32.6 |
| 277 | 25.0 | 20.0 | 30.0 |

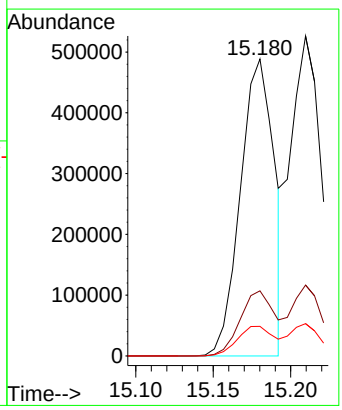


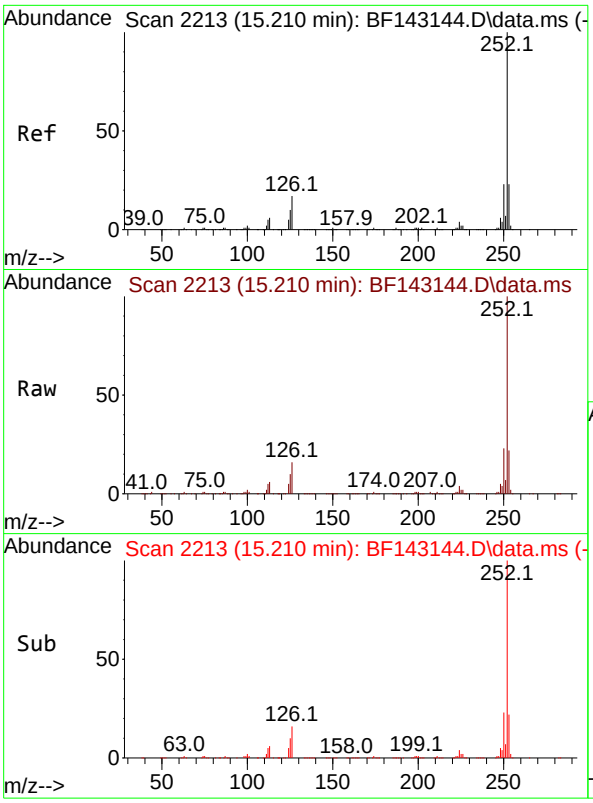




#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.0 | 8.0 | 12.0 |



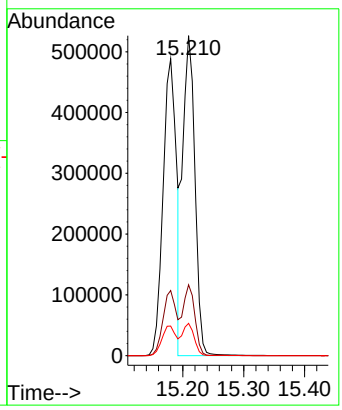


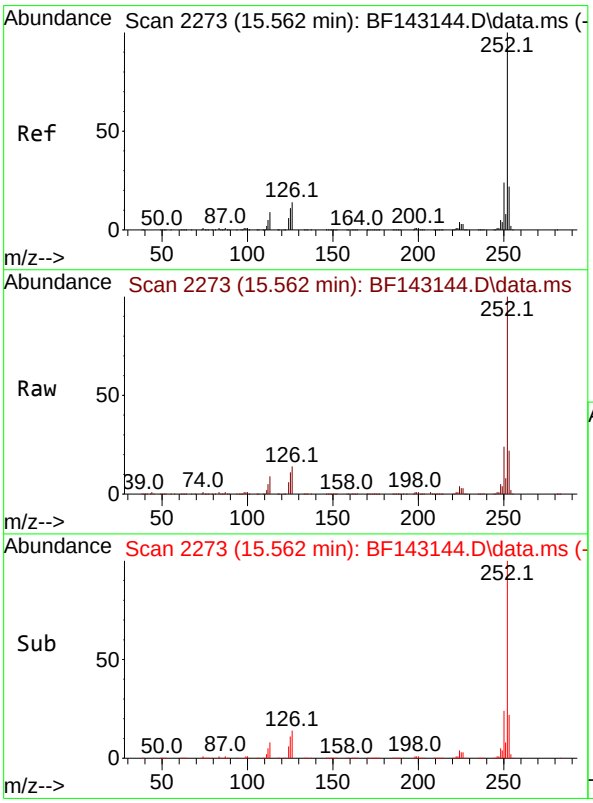

#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:252 Resp: 733635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.1 | 8.1 | 12.1 |

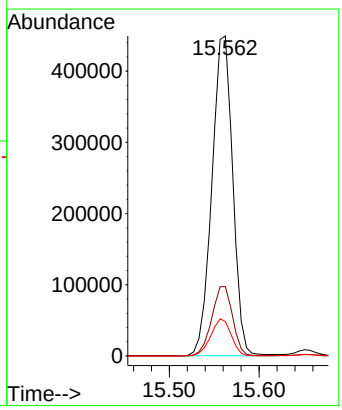


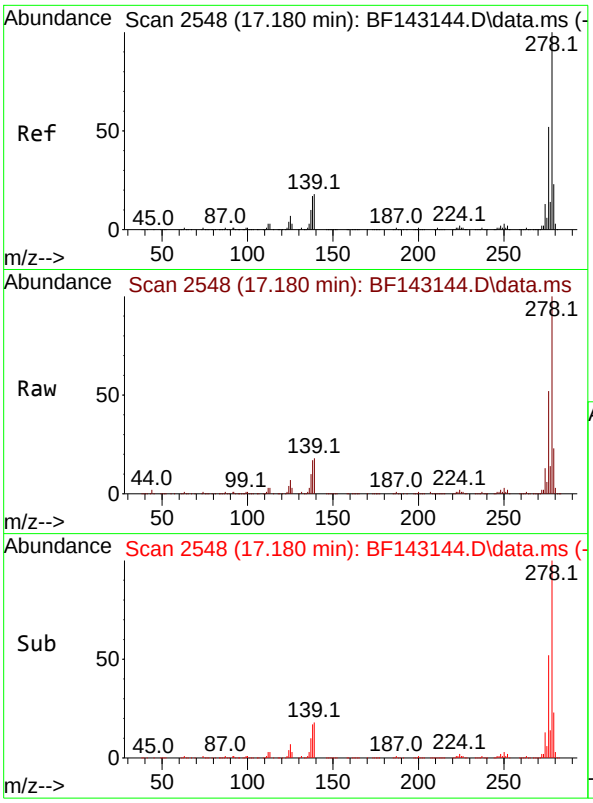




#90
Benzo(a)pyrene
Concen: 39.826 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 725344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 10.8 | 8.6 | 13.0 |



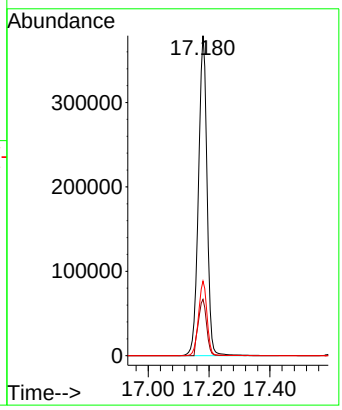


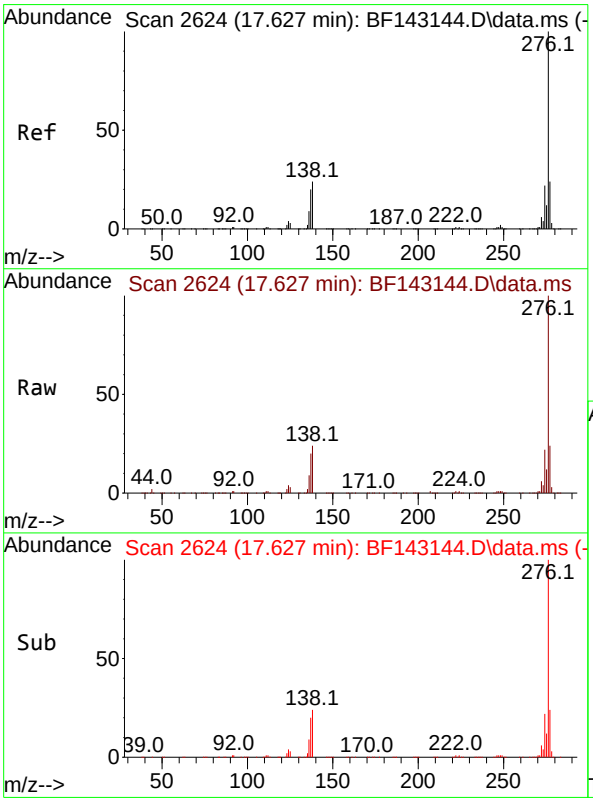

#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Tgt Ion:278 Resp: 742180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.6 | 14.1 | 21.1 |
| 279 | 23.3 | 18.6 | 28.0 |

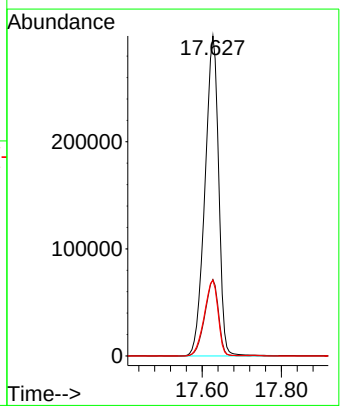



#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:276 Resp: 717648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.1 | 28.7 |
| 138 | 23.6 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 144385 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 555536 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 283657 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 447089 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 247878 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 282289 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 927268 | 101.629 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1178468 | 102.615 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 1158494 | 103.949 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 309465 | 105.607 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2005894 | 96.712 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1663033 | 99.838 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.816 | 88 | 225749 | 52.289 | ng | | 100 |
| 3) Pyridine | 3.587 | 79 | 584060 | 52.122 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 307202 | 53.098 | ng | | 100 |
| 6) Aniline | 6.628 | 93 | 827275 | 51.687 | ng | | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 493989 | 51.652 | ng | | 98 |
| 9) Benzaldehyde | 6.516 | 77 | 509476 | 59.162 | ng | | 99 |
| 10) Phenol | 6.598 | 94 | 678372 | 54.222 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 491371 | 51.295 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 529202 | 50.937 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 531696 | 50.818 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 510140 | 51.264 | ng | | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 461379 | 52.616 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239 | 45 | 908530 | 51.128 | ng | | 99 |
| 17) 2-Methylphenol | 7.204 | 107 | 418793 | 52.079 | ng | | 100 |
| 18) Hexachloroethane | 7.481 | 117 | 189394 | 52.289 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 369367 | 50.131 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 506069 | 51.870 | ng | # | 89 |
| 22) Acetophenone | 7.369 | 105 | 661017 | 50.258 | ng | | 98 |
| 24) Nitrobenzene | 7.545 | 77 | 538666 | 51.843 | ng | | 100 |
| 25) Isophorone | 7.786 | 82 | 1018783 | 51.783 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 252169 | 55.920 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 469819 | 51.112 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 597241 | 50.631 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 401336 | 51.773 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 420763 | 50.242 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1369627 | 50.060 | ng | | 100 |
| 32) Benzoic acid | 7.998 | 122 | 263494 | 50.647 | ng | | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 566422 | 50.703 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 260787 | 50.976 | ng | | 99 |
| 35) Caprolactam | 8.680 | 113 | 126050 | 53.811 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 431745 | 51.242 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 837820 | 50.324 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 862300 | 50.298 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 412916 | 50.420 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 286805 | 53.823 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 304466 | 53.718 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

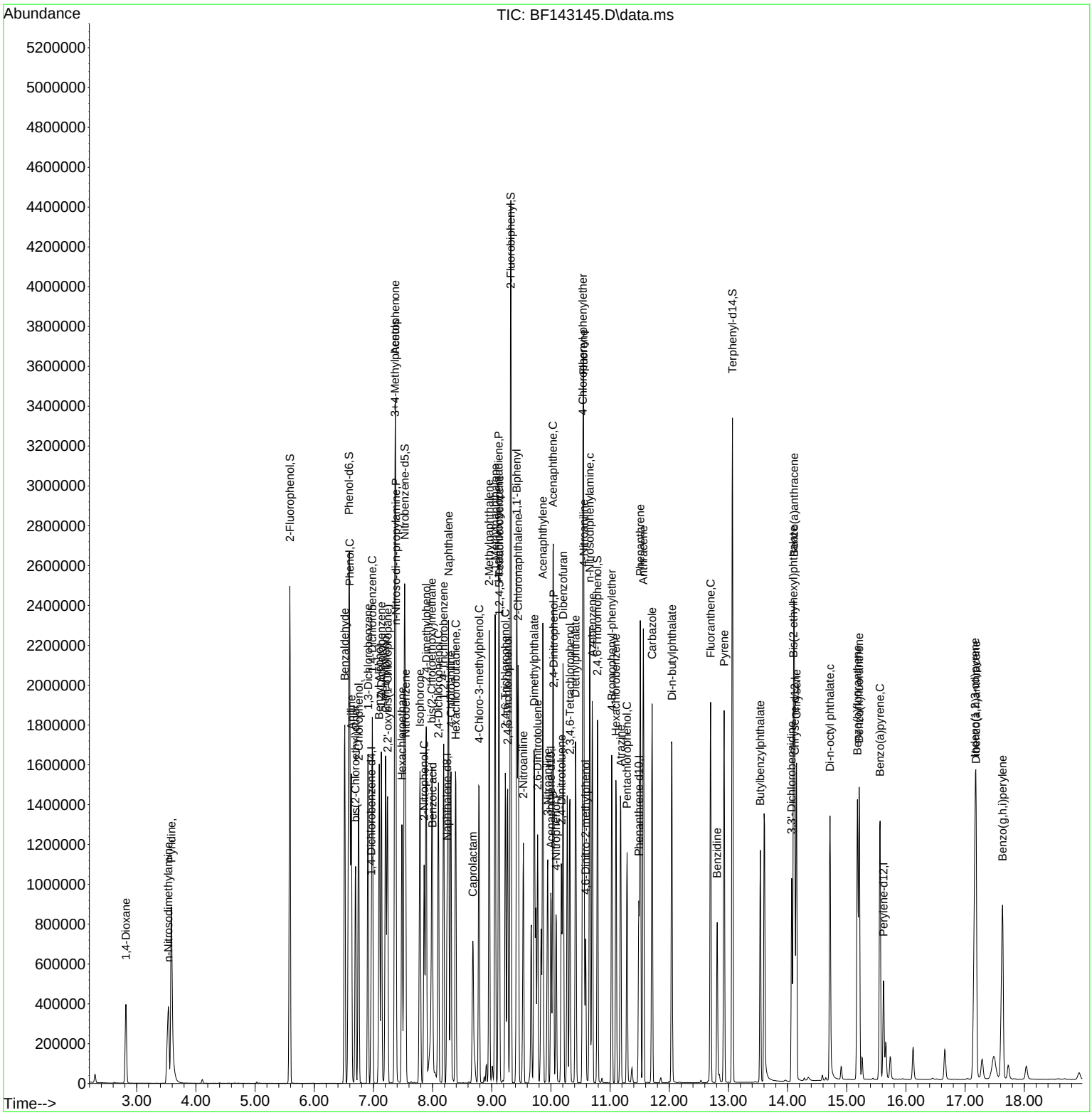
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 291607 | 51.434 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 1101317 | 49.764 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 826749 | 50.488 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 281082 | 54.736 | ng | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1388721 | 50.605 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 939863 | 50.832 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 205147 | 54.541 | ng | 98 |
| 52) Acenaphthene | 10.033 | 154 | 818783 | 50.481 | ng | 100 |
| 53) 3-Nitroaniline | 9.945 | 138 | 236959 | 53.861 | ng | 99 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 81983 | 50.750 | ng | 98 |
| 55) Dibenzofuran | 10.204 | 168 | 1204088 | 50.001 | ng | 99 |
| 56) 4-Nitrophenol | 10.086 | 139 | 177408 | 54.001 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 264045 | 55.954 | ng | 95 |
| 58) Fluorene | 10.551 | 166 | 891646 | 49.335 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 248745 | 52.965 | ng | 100 |
| 60) Diethylphthalate | 10.416 | 149 | 942625 | 51.580 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 449168 | 49.911 | ng | 99 |
| 62) 4-Nitroaniline | 10.557 | 138 | 205210 | 54.424 | ng | 99 |
| 63) Azobenzene | 10.698 | 77 | 966931 | 50.766 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 122876 | 51.927 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 811422 | 51.540 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 275679 | 51.741 | ng | 98 |
| 68) Hexachlorobenzene | 11.098 | 284 | 288405 | 51.788 | ng | 100 |
| 69) Atrazine | 11.180 | 200 | 232907 | 53.662 | ng | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 178753 | 54.581 | ng | 99 |
| 71) Phenanthrene | 11.510 | 178 | 1194582 | 50.321 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1223920 | 50.552 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1076803 | 50.934 | ng | 100 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1250841 | 52.290 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1093890 | 50.203 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 431944 | 45.229 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1078520 | 50.982 | ng | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 360698 | 55.681 | ng | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 880975 | 53.085 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 294836 | 53.305 | ng | 99 |
| 83) Chrysene | 14.151 | 228 | 754953 | 50.597 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 534128 | 54.475 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 960309 | 54.032 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 1061877 | 53.347 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 953990 | 55.319 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.209 | 252 | 754417 | 49.024 | ng | 99 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 840968 | 52.928 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 861467 | 53.172 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.633 | 276 | 843865 | 53.845 | ng | 100 |

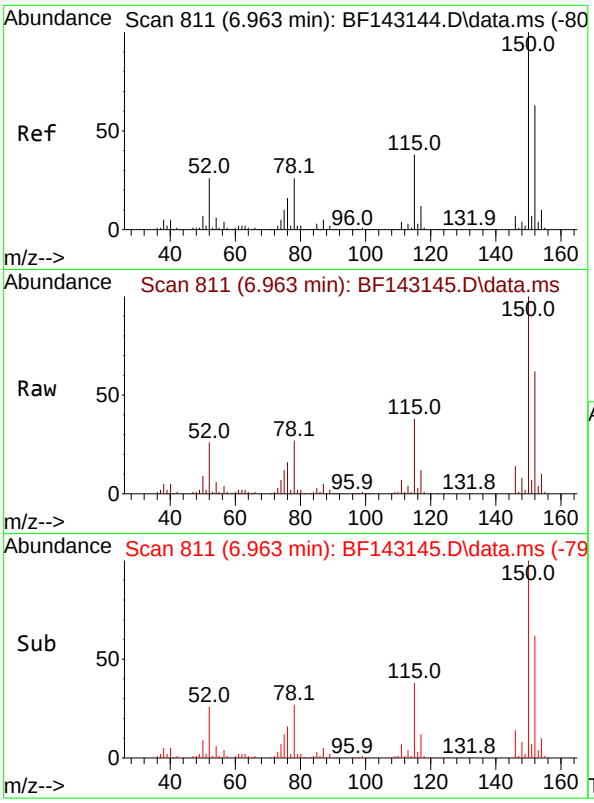
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143145.D
Acq On : 17 Jul 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 17 15:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



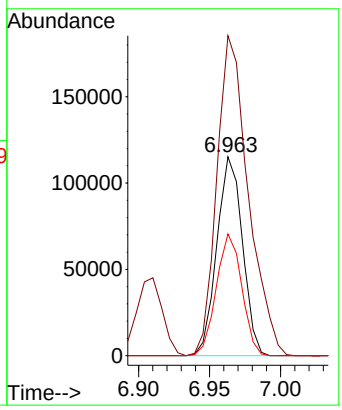


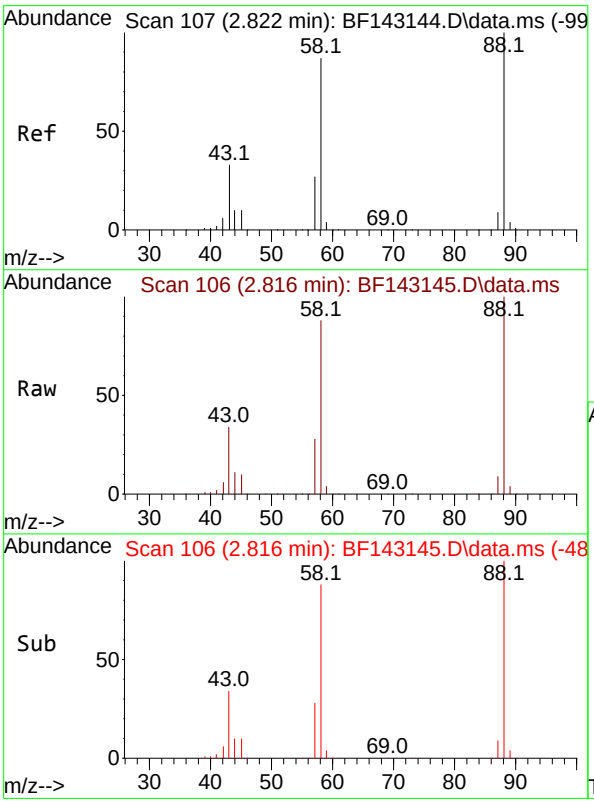

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 144385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.9 | 128.2 | 192.4 |
| 115 | 61.2 | 47.9 | 71.9 |

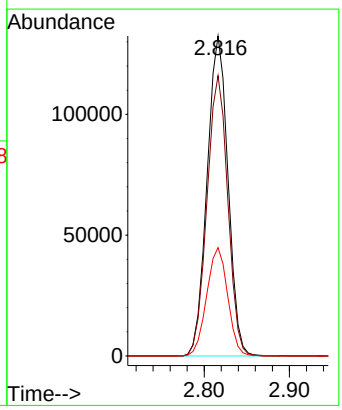


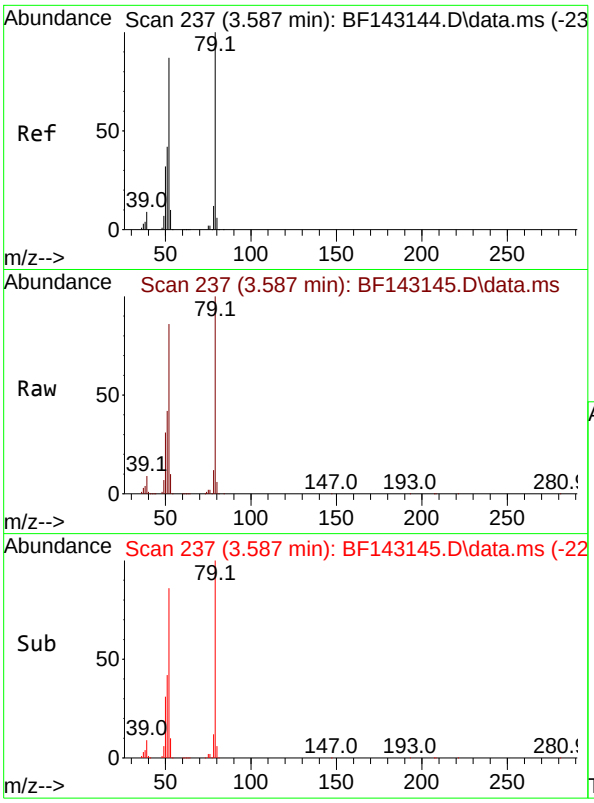




#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 88 Resp: 225749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.3 | 70.2 | 105.2 |
| 43 | 34.0 | 27.1 | 40.7 |



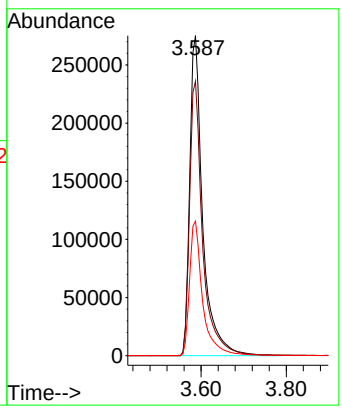


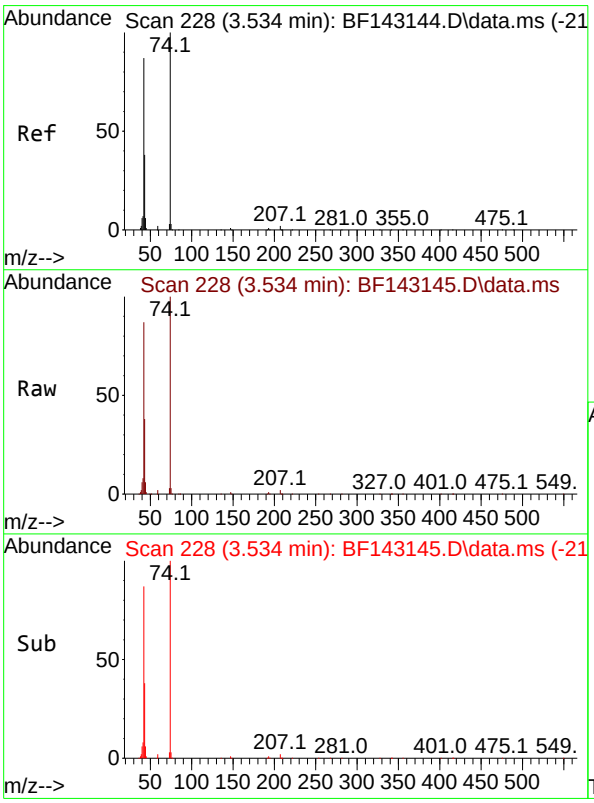

#3
Pyridine
Concen: 52.122 ng
RT: 3.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 584060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.8 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |

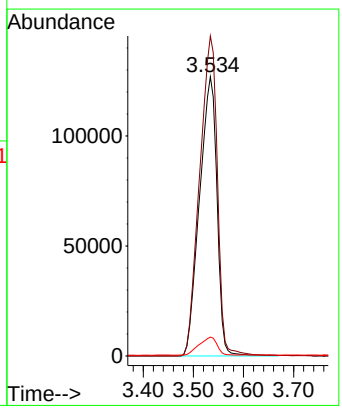


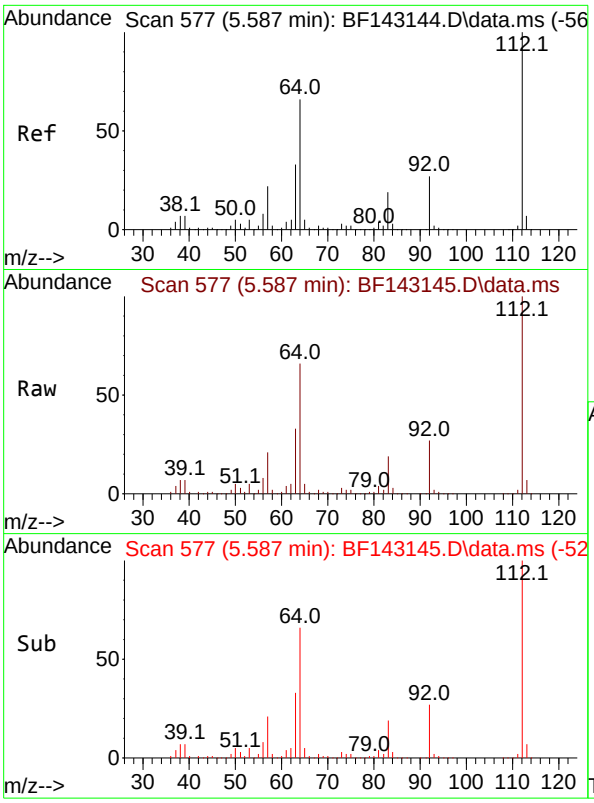




#4
n-Nitrosodimethylamine
Concen: 53.098 ng
RT: 3.534 min Scan# 228
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 42 Resp: 307202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.6 | 91.7 | 137.5 |
| 44 | 6.8 | 5.6 | 8.4 |



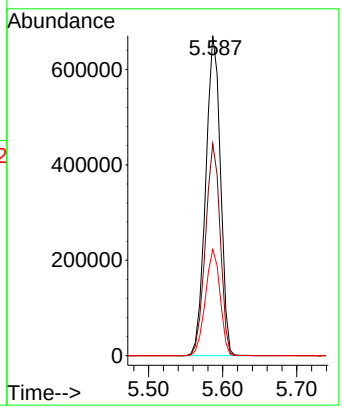


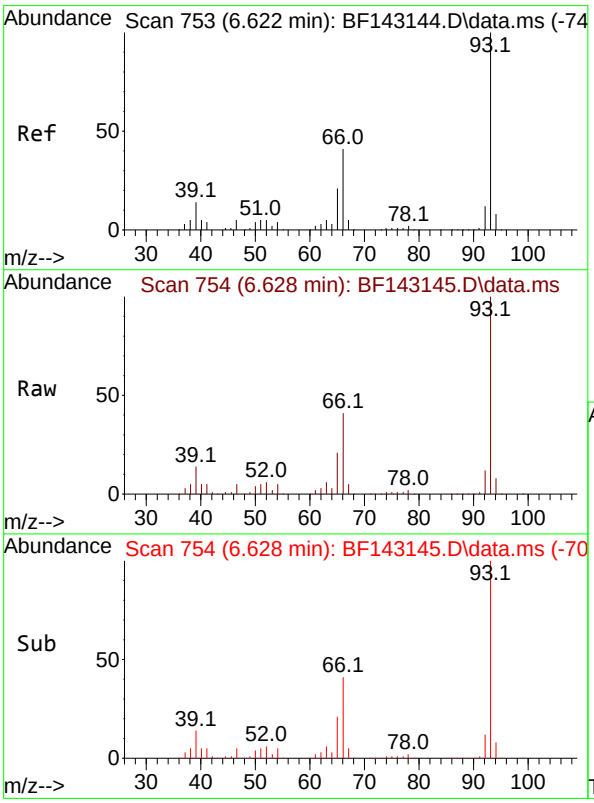

#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:112 Resp: 927268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.3 | 53.1 | 79.7 |
| 63 | 33.2 | 26.6 | 40.0 |

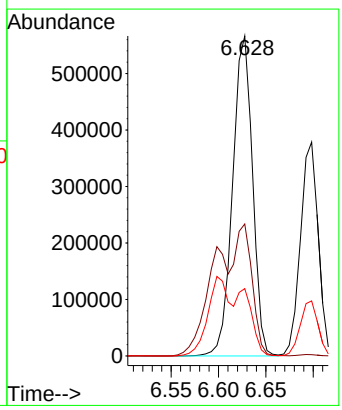


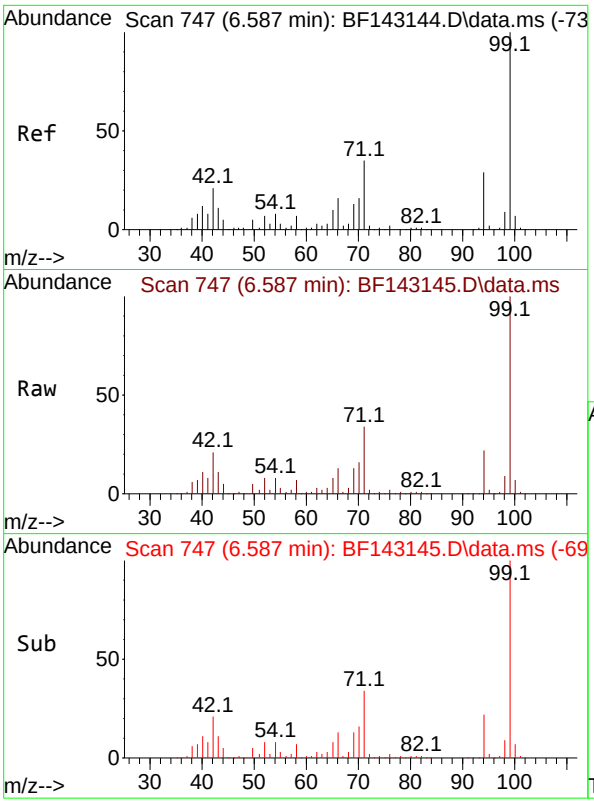




#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 827275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.2 | 33.2 | 49.8 |
| 65 | 21.1 | 16.9 | 25.3 |



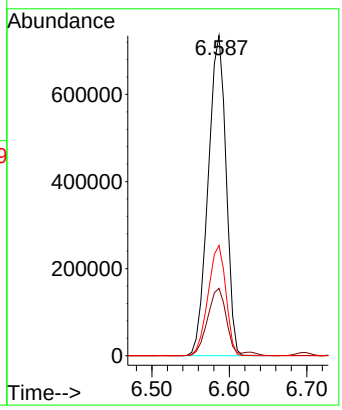


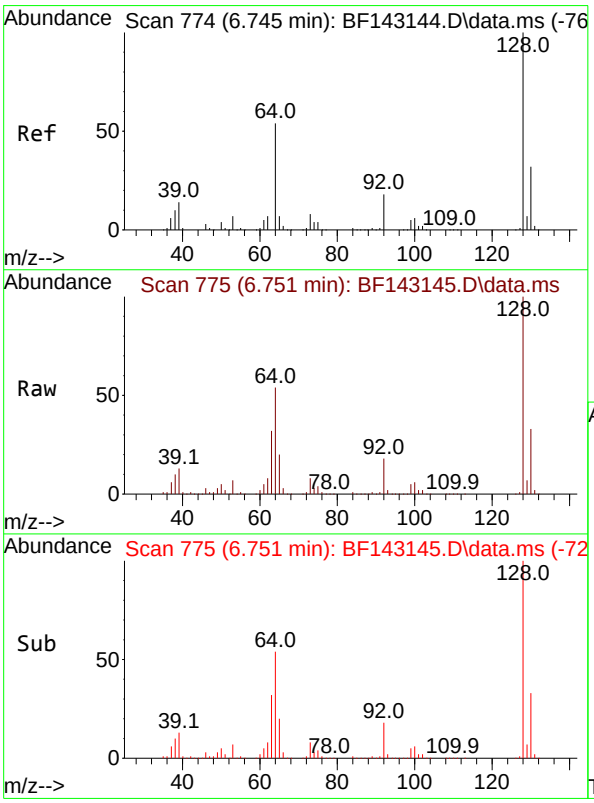

#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 99 Resp: 1178468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.1 | 17.0 | 25.6 |
| 71 | 34.4 | 27.7 | 41.5 |

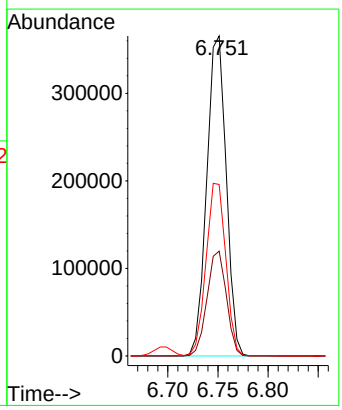


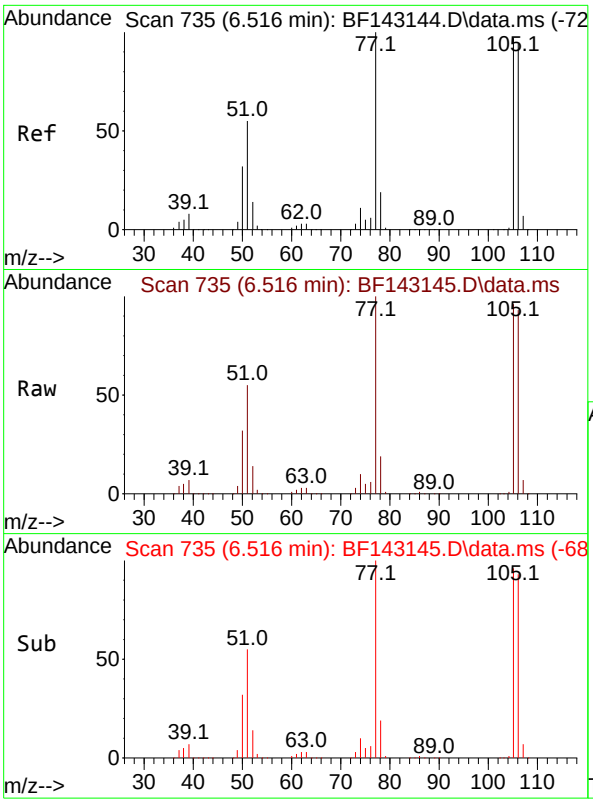




#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 12.3 | 52.3 |
| 64 | 53.6 | 35.9 | 75.9 |



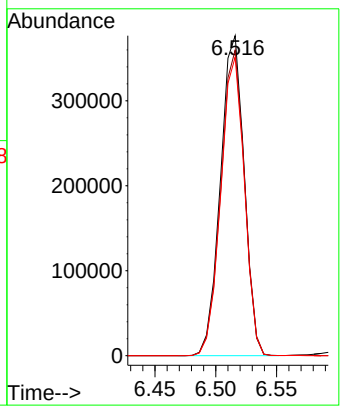


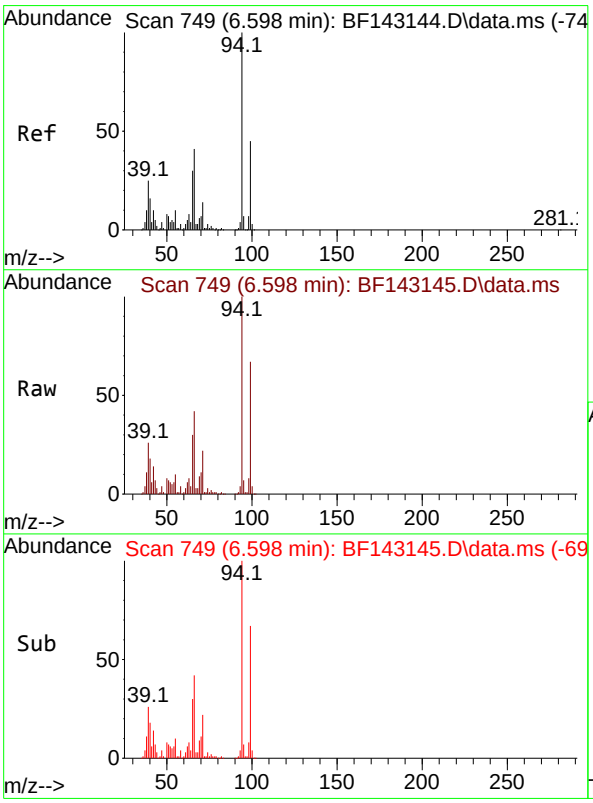

#9
Benzaldehyde
Concen: 59.162 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 509476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.5 | 76.8 | 116.8 |
| 106 | 93.3 | 74.4 | 114.4 |

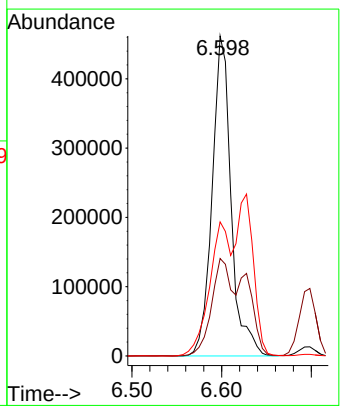


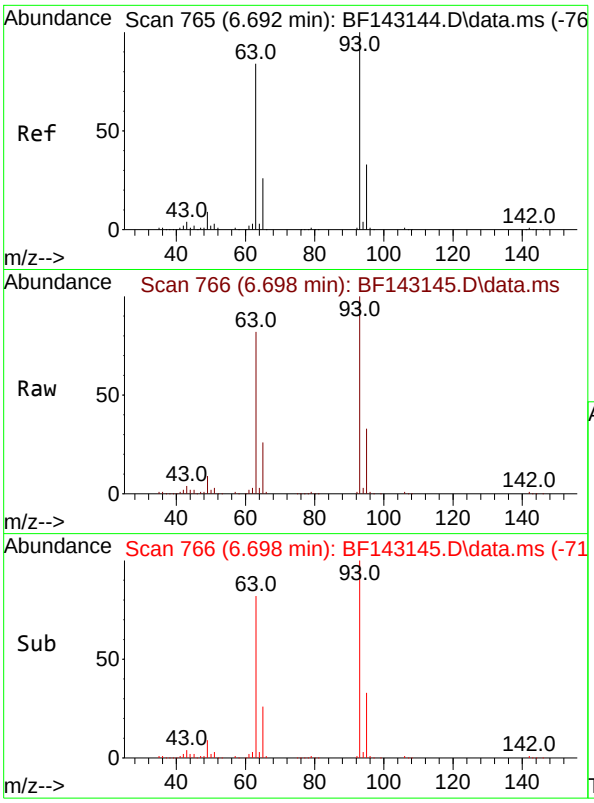




#10
Phenol
Concen: 54.222 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 94 Resp: 678372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.5 | 10.0 | 50.0 |
| 66 | 41.9 | 20.8 | 60.8 |



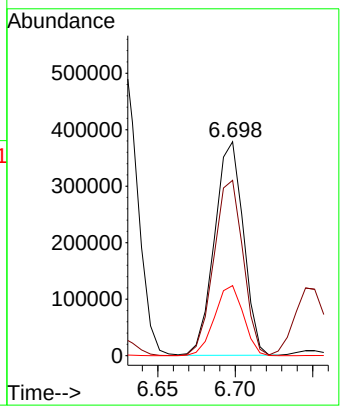


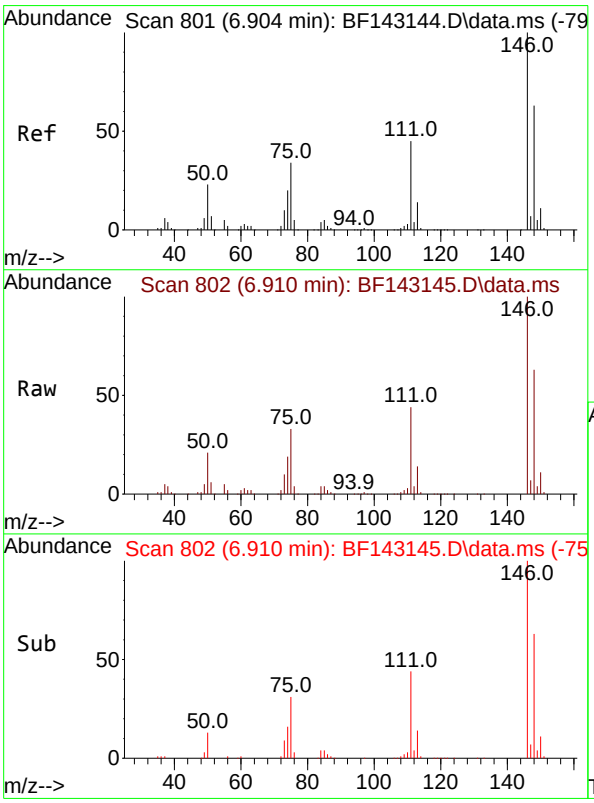

#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 93 Resp: 491371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.0 | 63.4 | 103.4 |
| 95 | 32.8 | 12.4 | 52.4 |

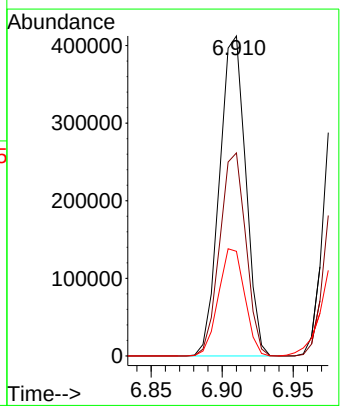


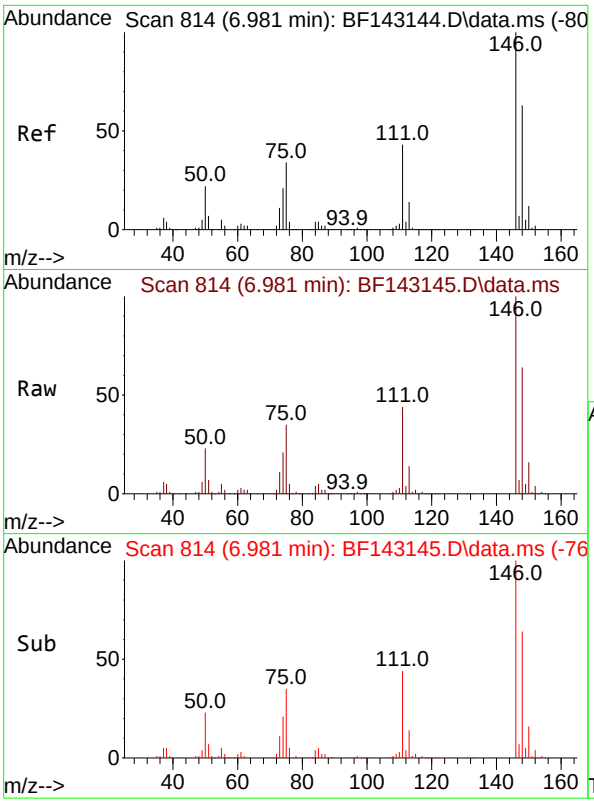




#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.6 | 76.0 |
| 75 | 32.7 | 27.4 | 41.2 |



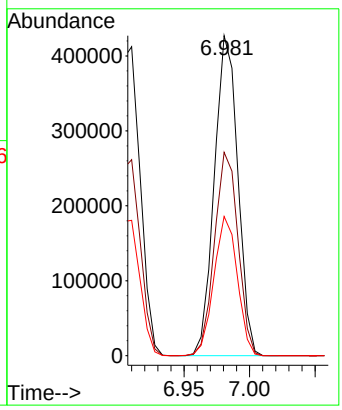


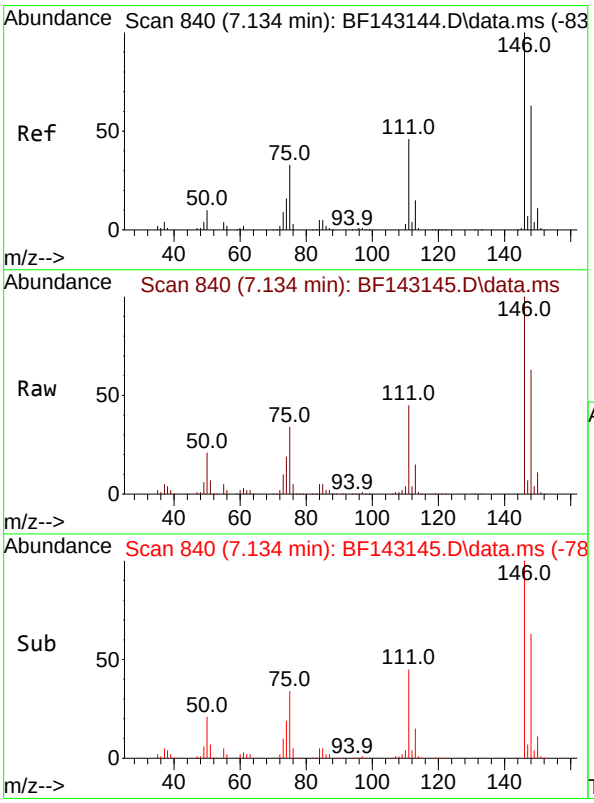

#13
1,4-Dichlorobenzene
Concen: 50.818 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:146 Resp: 531696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.3 | 75.5 |
| 111 | 43.5 | 34.4 | 51.6 |

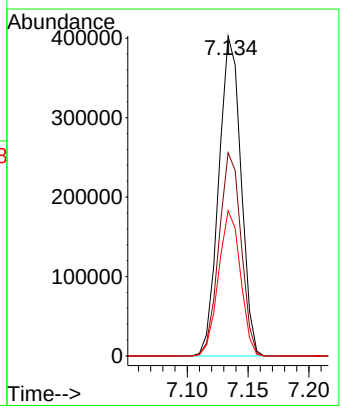


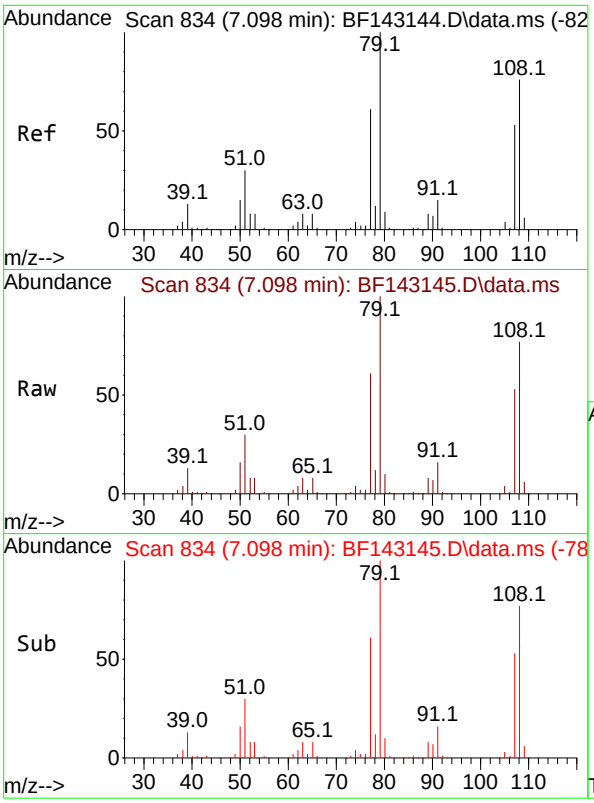




#14
1,2-Dichlorobenzene
Concen: 51.264 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 510140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.7 | 76.1 |
| 111 | 45.4 | 36.6 | 54.8 |



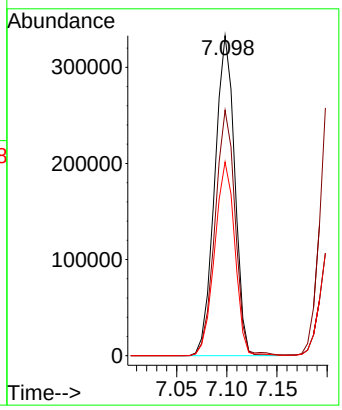


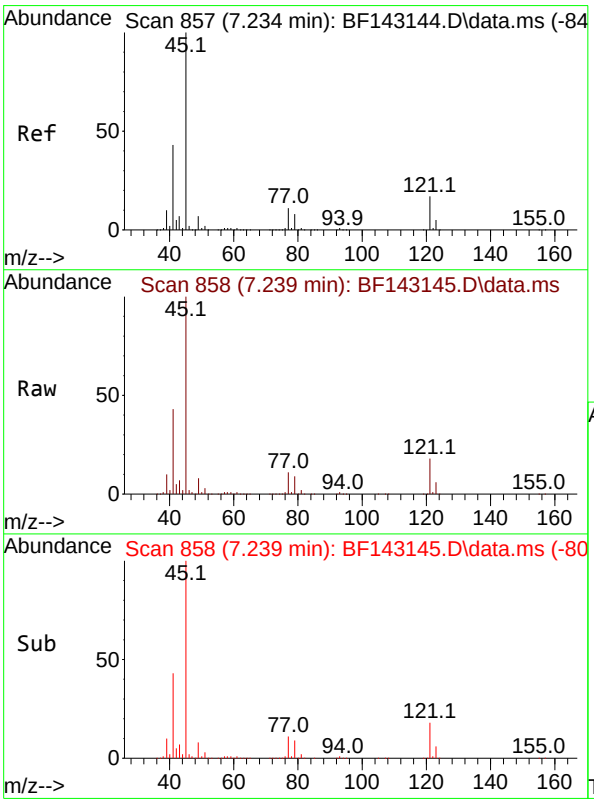

#15
Benzyl Alcohol
Concen: 52.616 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 461379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.7 | 61.1 | 91.7 |
| 77 | 60.6 | 48.9 | 73.3 |

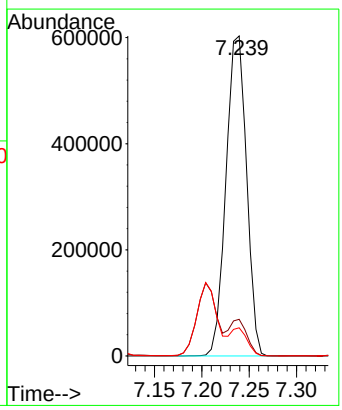


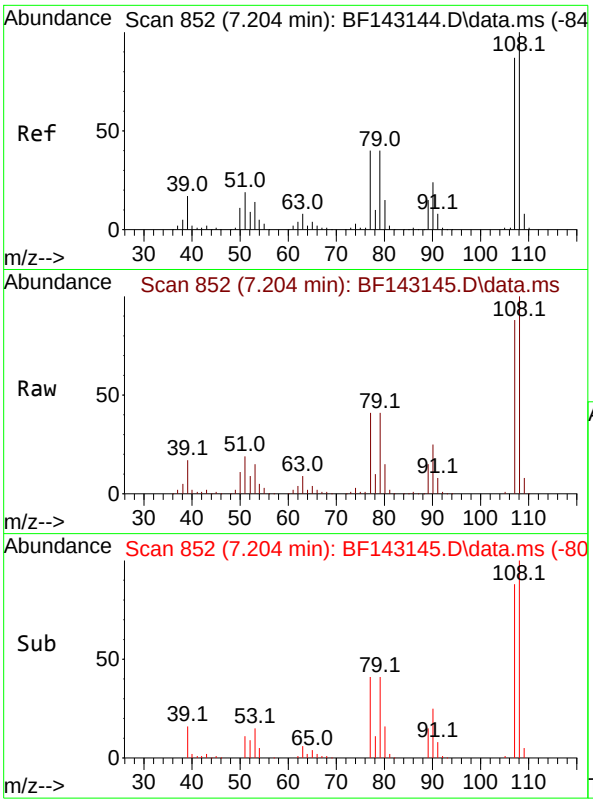




#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.128 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 45 Resp: 908530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.2 |
| 79 | 8.8 | 0.0 | 28.5 |



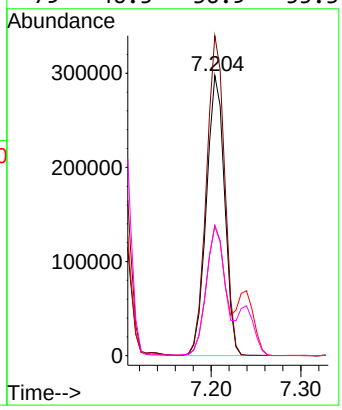


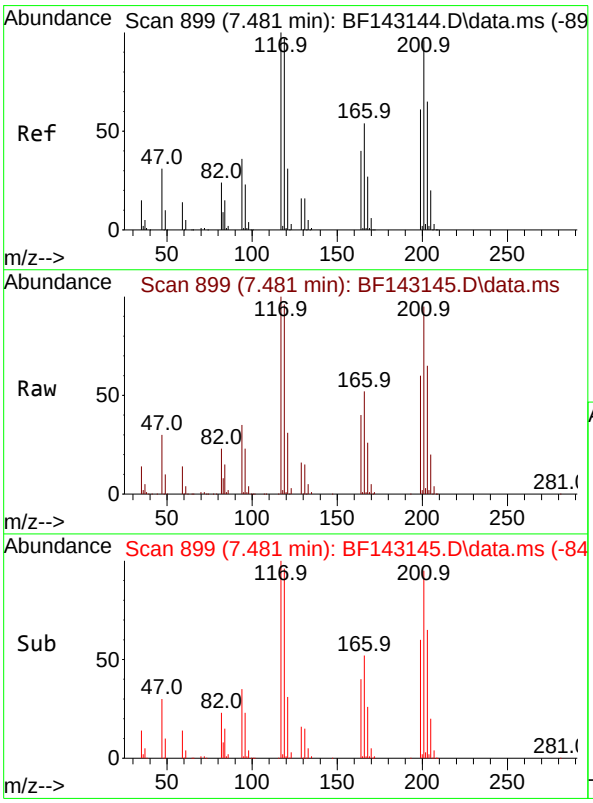

#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:107 Resp: 418793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.2 | 91.8 | 137.6 |
| 77 | 46.3 | 37.0 | 55.6 |
| 79 | 46.5 | 36.9 | 55.3 |

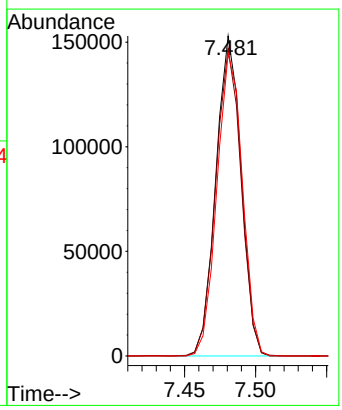


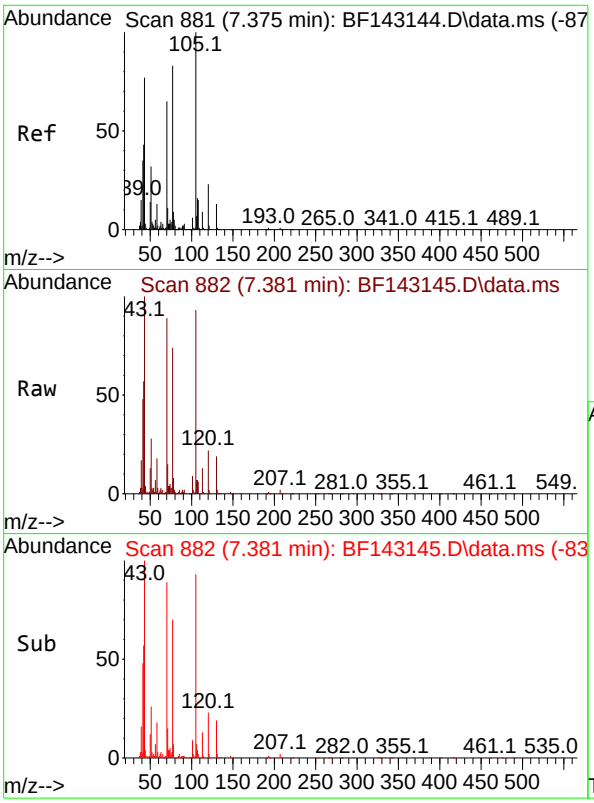




#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 77.8 | 116.8 |
| 201 | 94.5 | 77.0 | 115.4 |



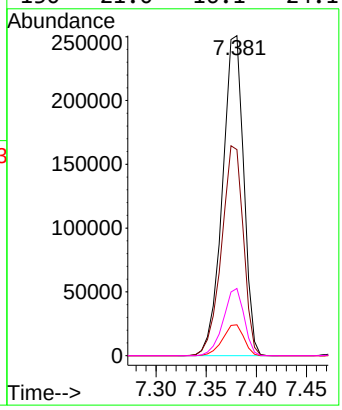


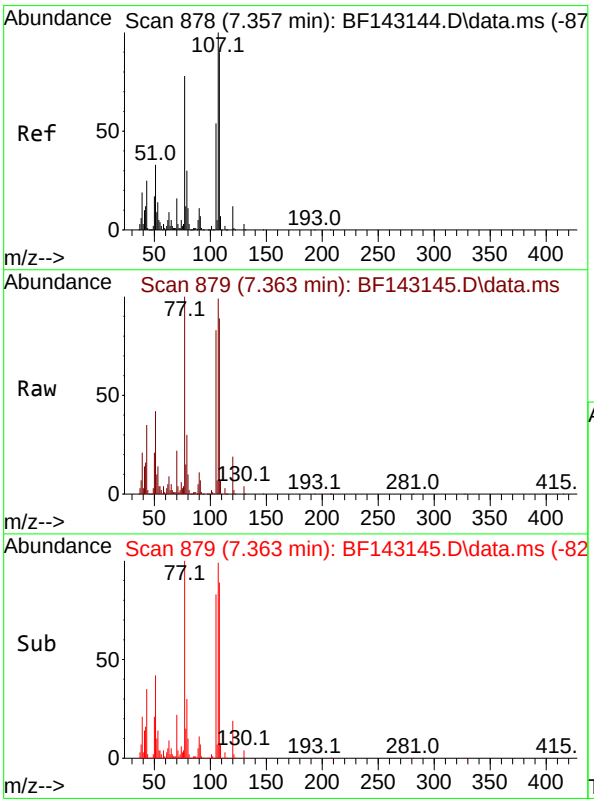

#19
n-Nitroso-di-n-propylamine
Concen: 50.131 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 70 Resp: 369367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.4 | 52.5 | 78.7 |
| 101 | 9.7 | 7.6 | 11.4 |
| 130 | 21.0 | 16.1 | 24.1 |

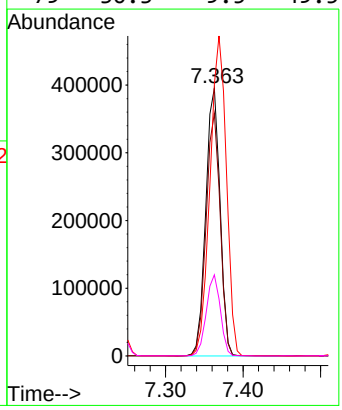


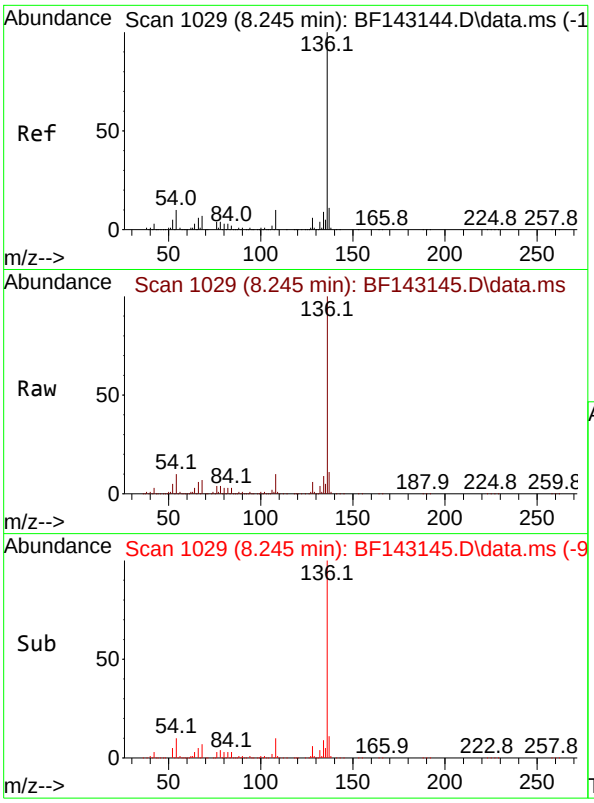




#20
3+4-Methylphenols
Concen: 51.870 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 70.0 | 110.0 |
| 77 | 101.5 | 57.8 | 97.8# |
| 79 | 30.3 | 9.5 | 49.5 |



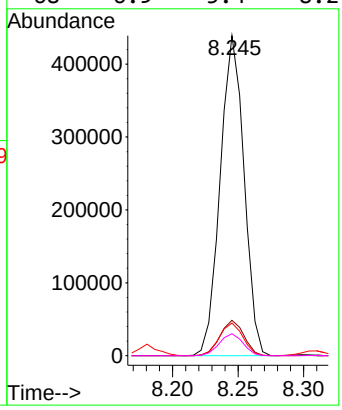


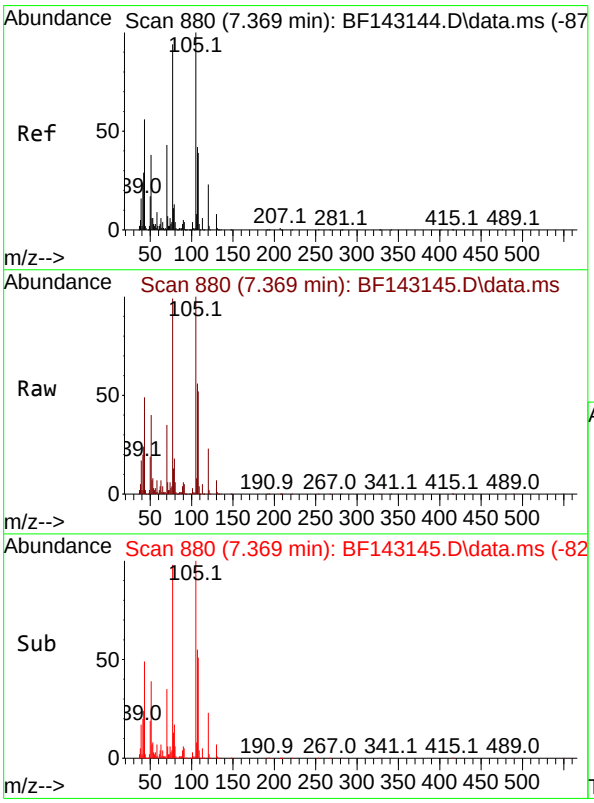

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:136 Resp: 555536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.2 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |

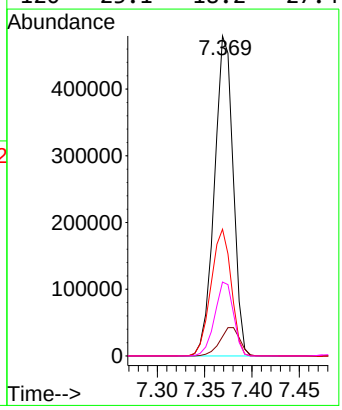


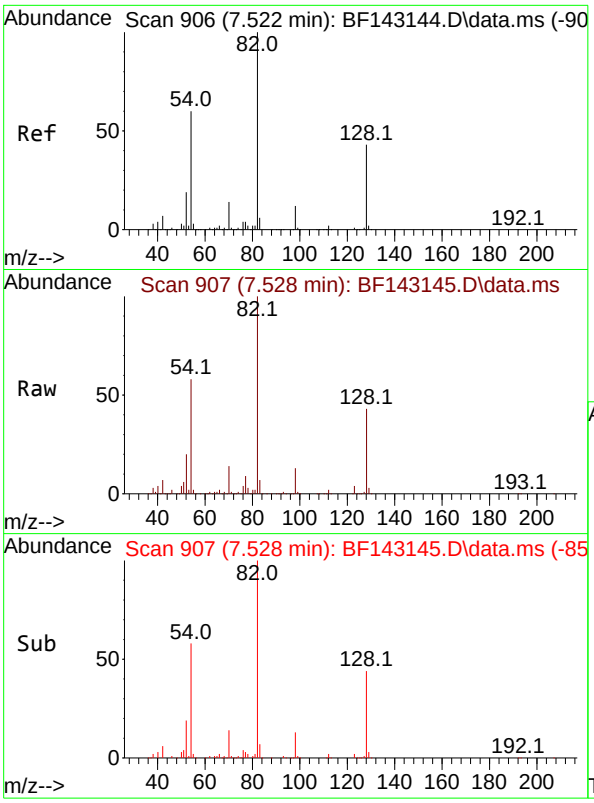




#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:105 Resp: 661017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.0 | 5.8 | 8.6 |
| 51 | 39.6 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |



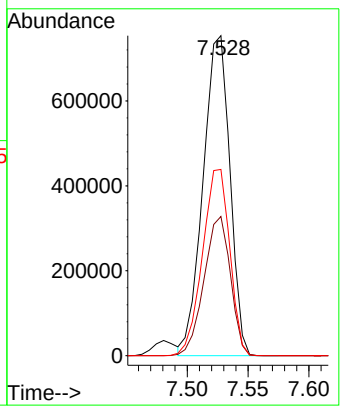


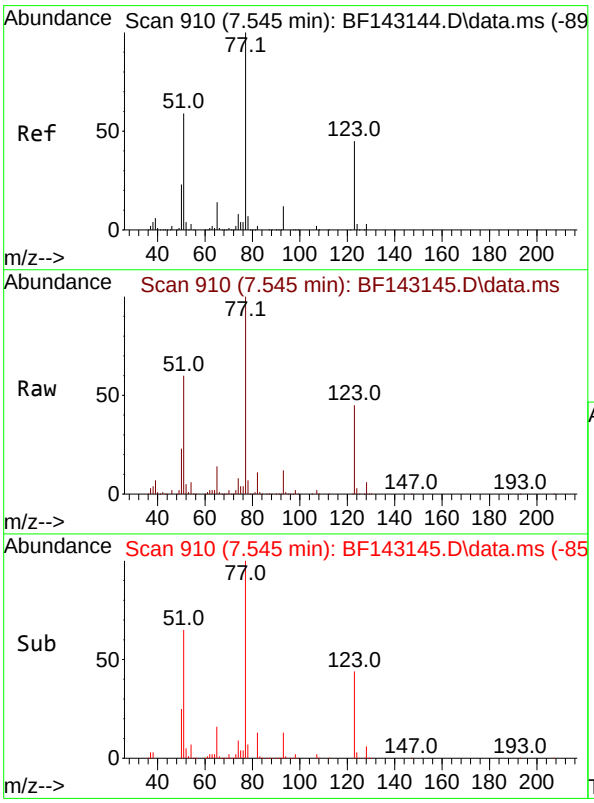

#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 1158494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 33.6 | 50.4 |
| 54 | 58.2 | 47.1 | 70.7 |

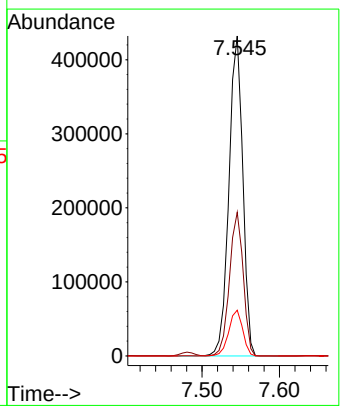


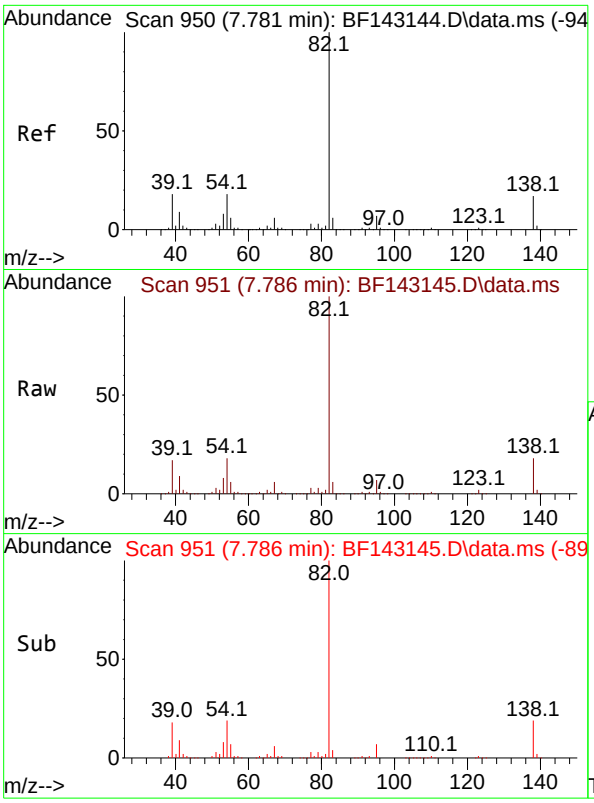




#24
Nitrobenzene
Concen: 51.843 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 77 Resp: 538666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.9 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |



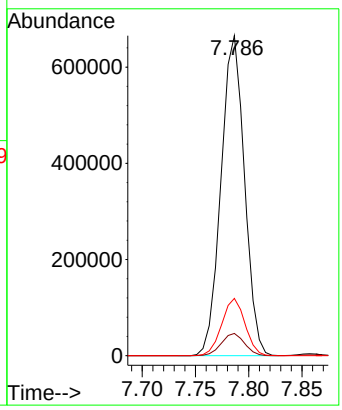


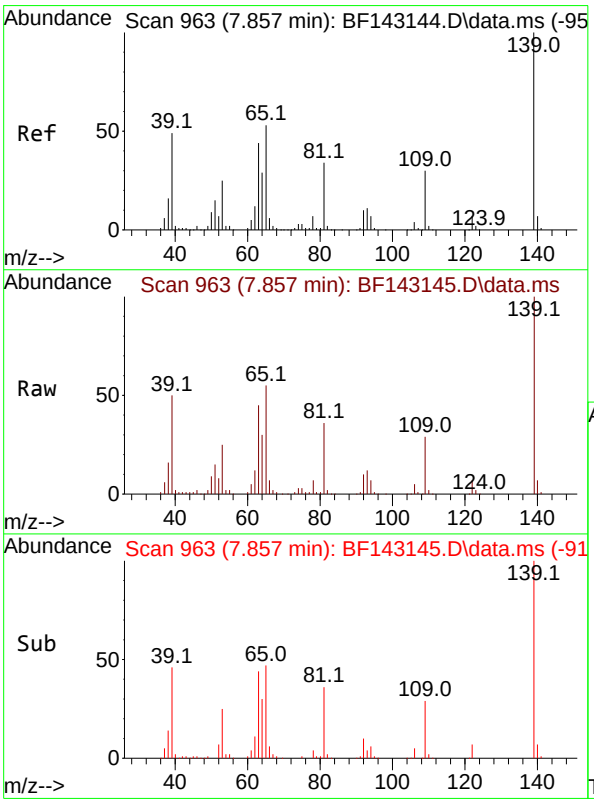

#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 1018783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |

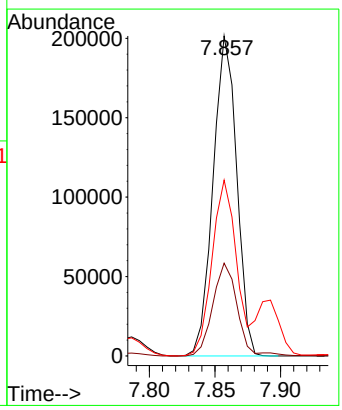


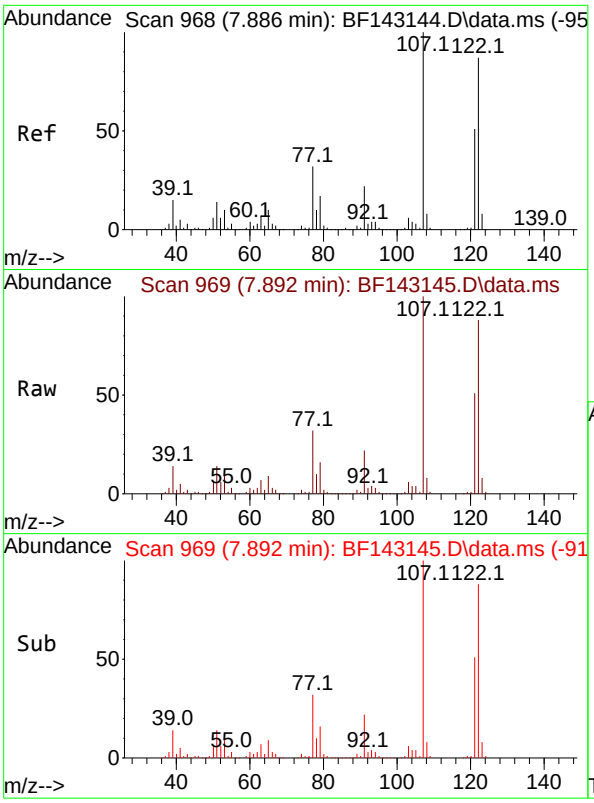




#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 55.0 | 42.6 | 64.0 |



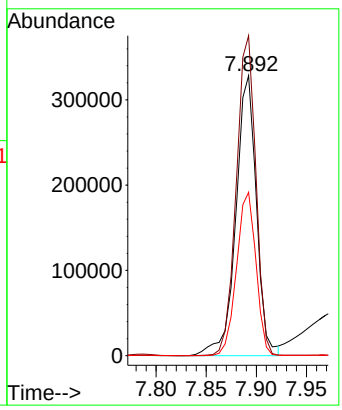


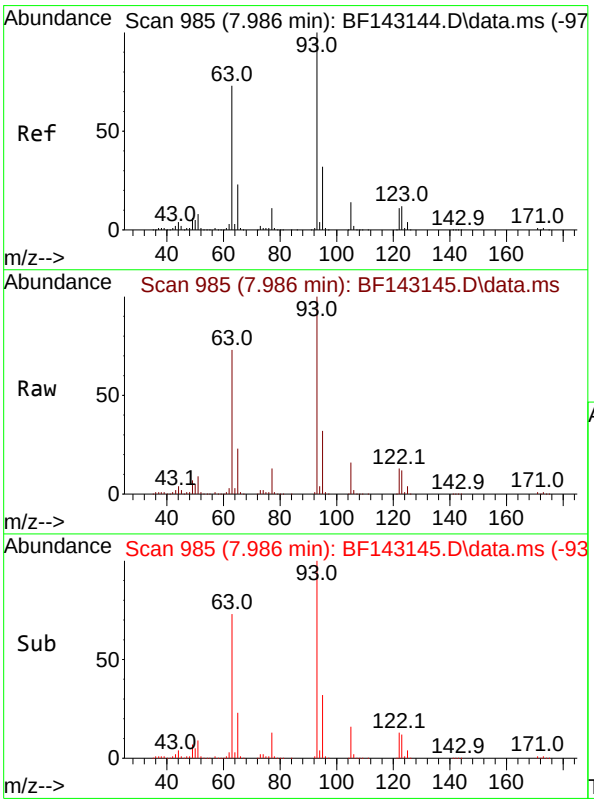

#27
2,4-Dimethylphenol
Concen: 51.112 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:122 Resp: 469819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.3 | 91.8 | 137.6 |
| 121 | 58.4 | 46.3 | 69.5 |

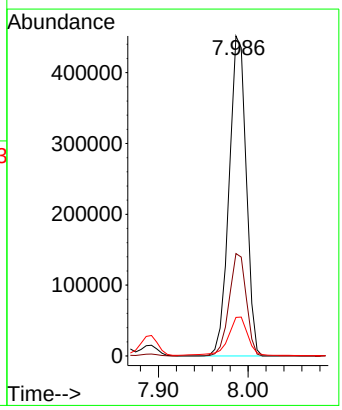


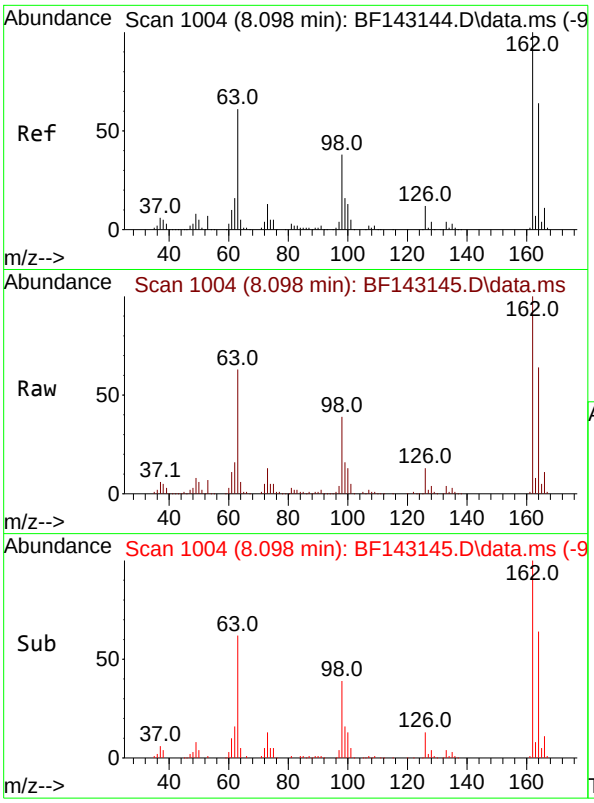




#28
bis(2-Chloroethoxy)methane
Concen: 50.631 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 93 Resp: 597241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 25.8 | 38.6 |
| 123 | 12.1 | 9.7 | 14.5 |



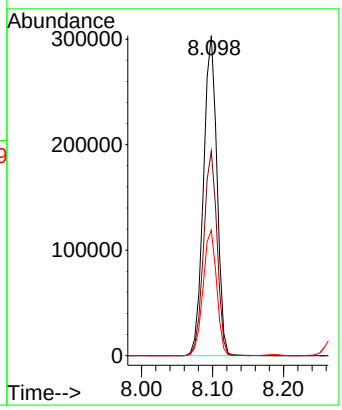


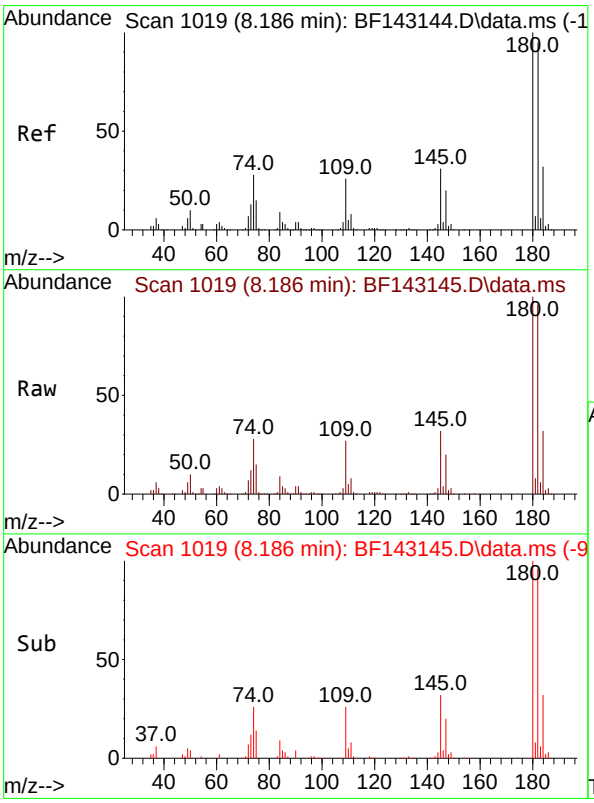

#29
2,4-Dichlorophenol
Concen: 51.773 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 401336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.0 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |

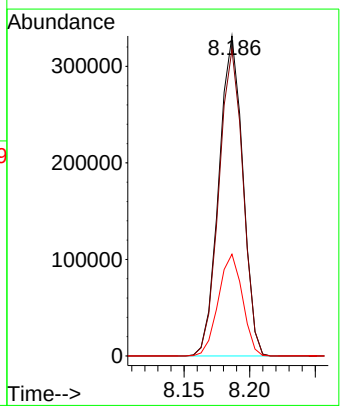


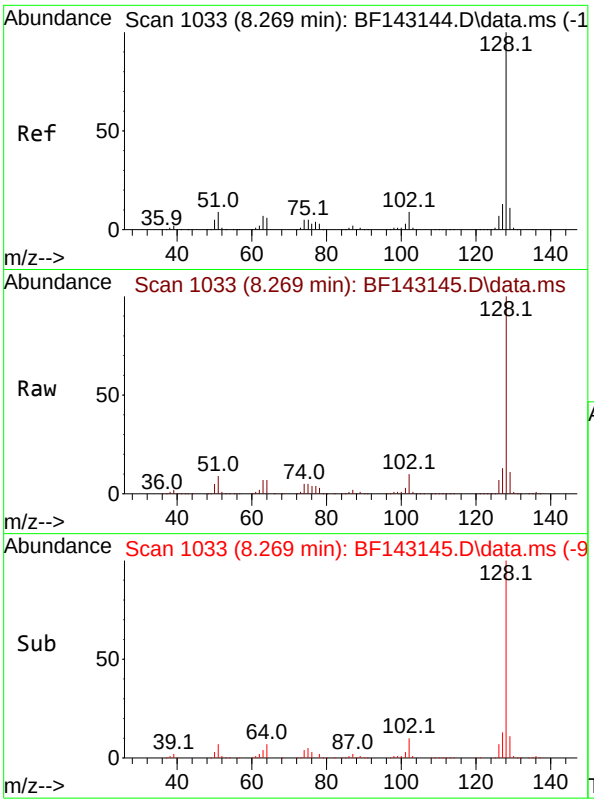




#30
1,2,4-Trichlorobenzene
Concen: 50.242 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:180 Resp: 420763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 76.2 | 114.2 |
| 145 | 31.8 | 25.0 | 37.6 |



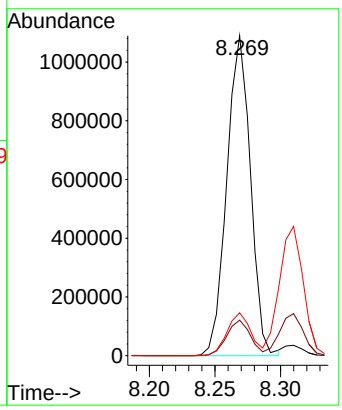


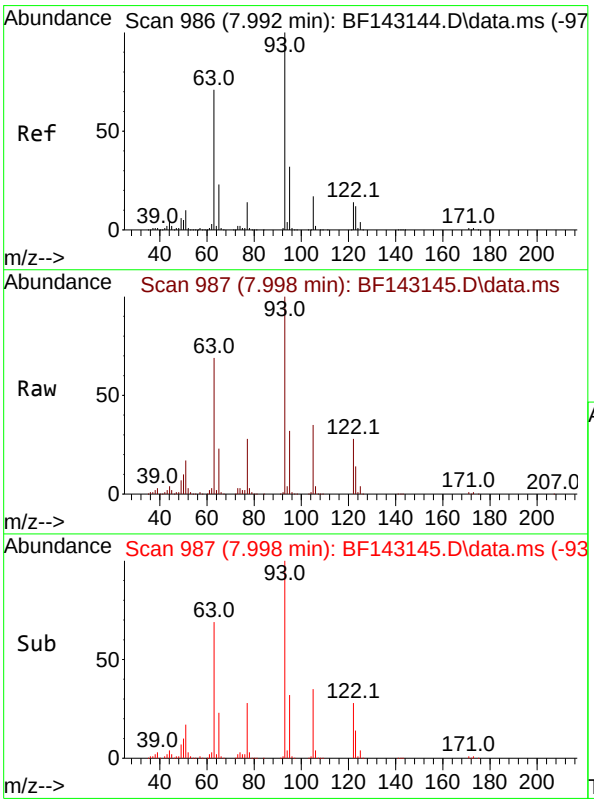

#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:128 Resp: 1369627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.4 | 10.6 | 16.0 |

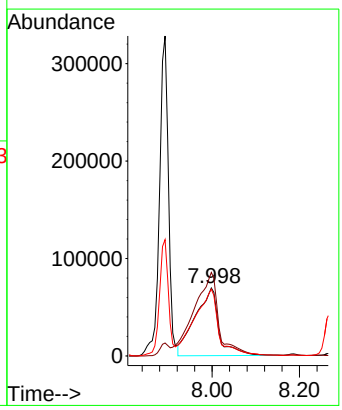


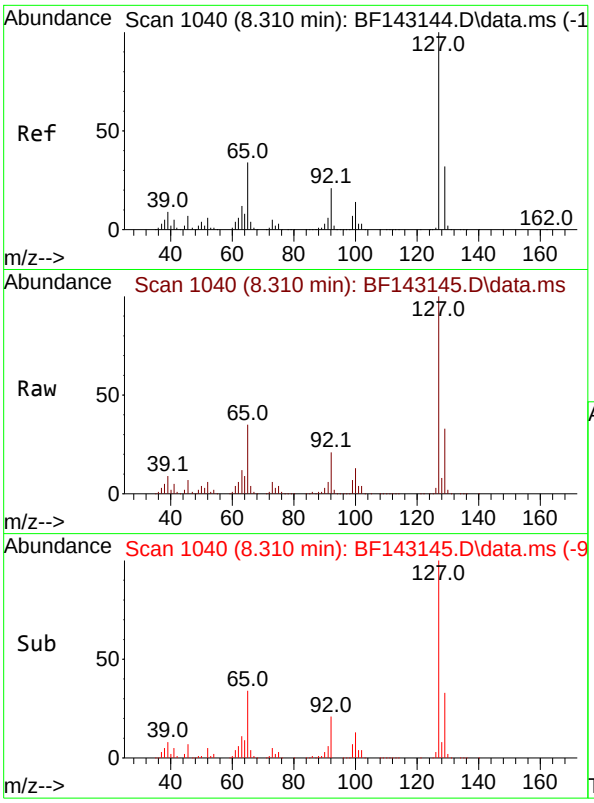




#32
Benzoic acid
Concen: 50.647 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 263494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.0 | 104.8 | 144.8 |
| 77 | 98.4 | 77.6 | 117.6 |



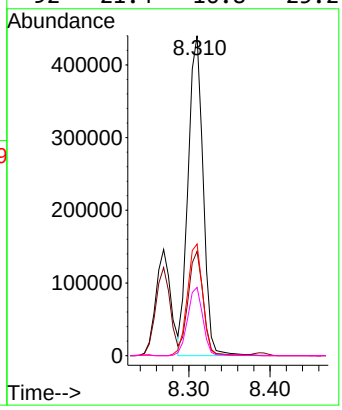


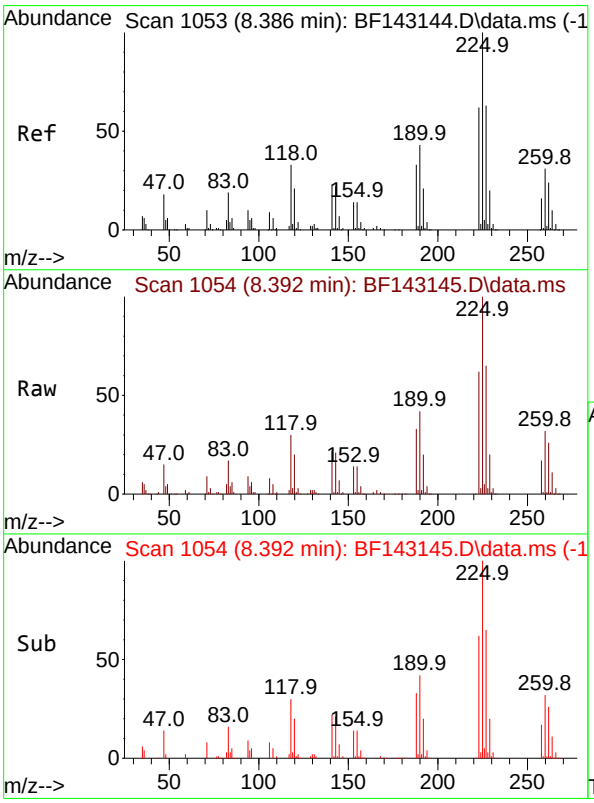

#33
4-Chloroaniline
Concen: 50.703 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:127 Resp: 566422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 21.4 | 16.8 | 25.2 |

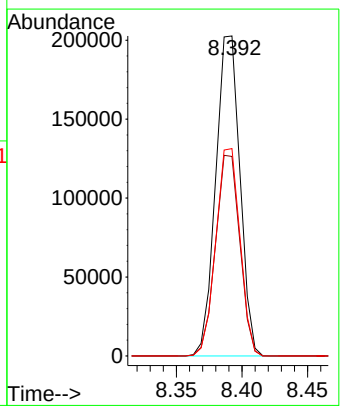


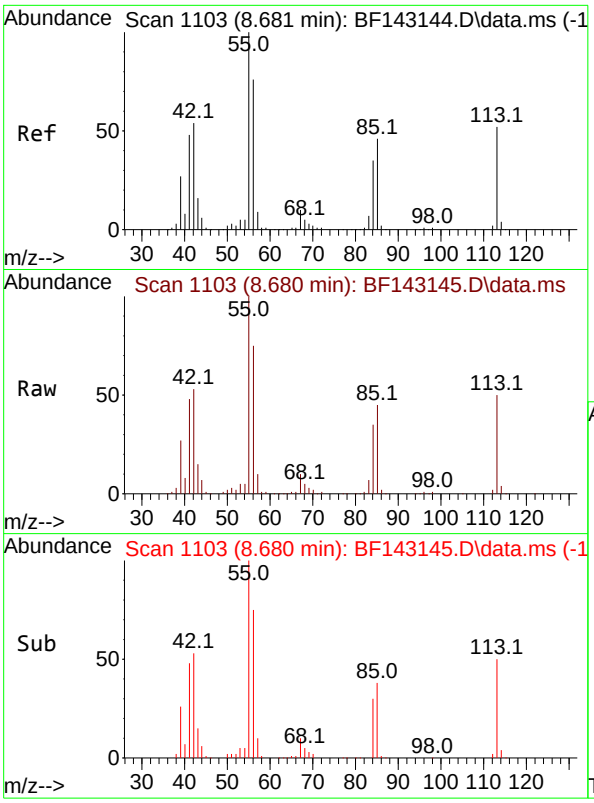




#34
Hexachlorobutadiene
Concen: 50.976 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:225 Resp: 260787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 64.8 | 50.2 | 75.4 |



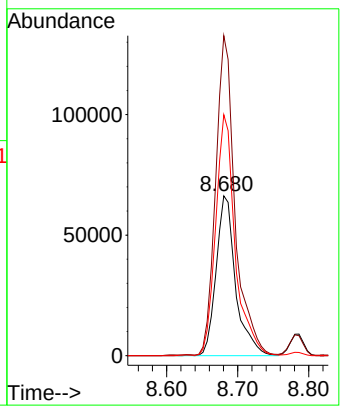


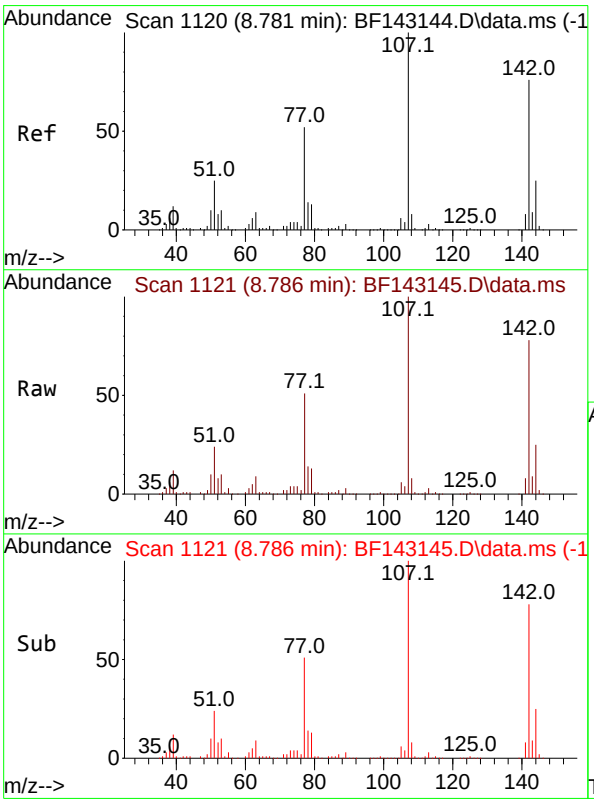

#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:113 Resp: 126050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.3 | 174.0 | 214.0 |
| 56 | 150.8 | 126.6 | 166.6 |

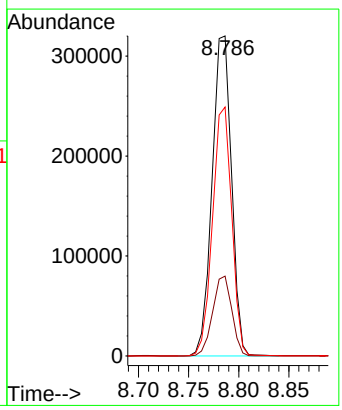


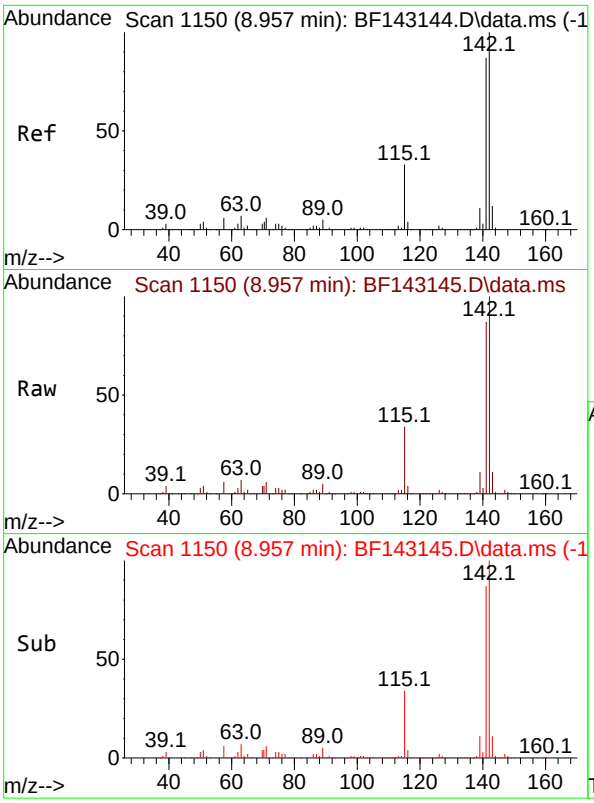




#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 431745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.0 | 19.8 | 29.6 |
| 142 | 77.8 | 60.6 | 90.8 |



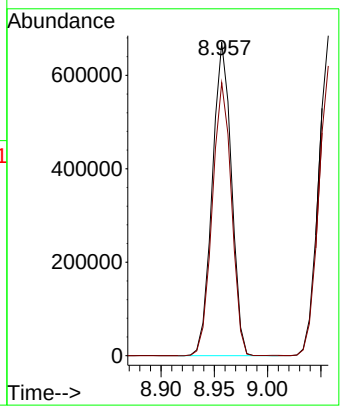


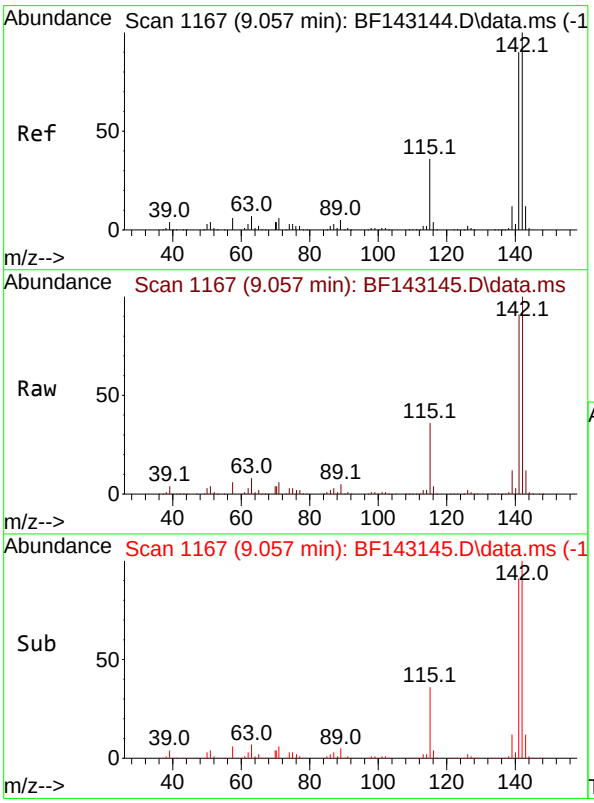

#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:142 Resp: 837820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 69.9 | 104.9 |

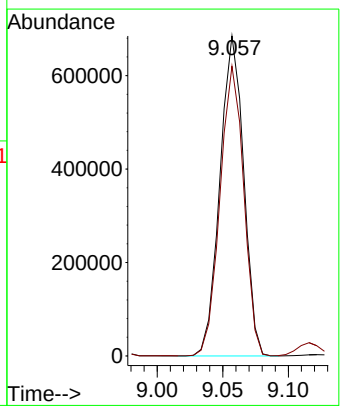


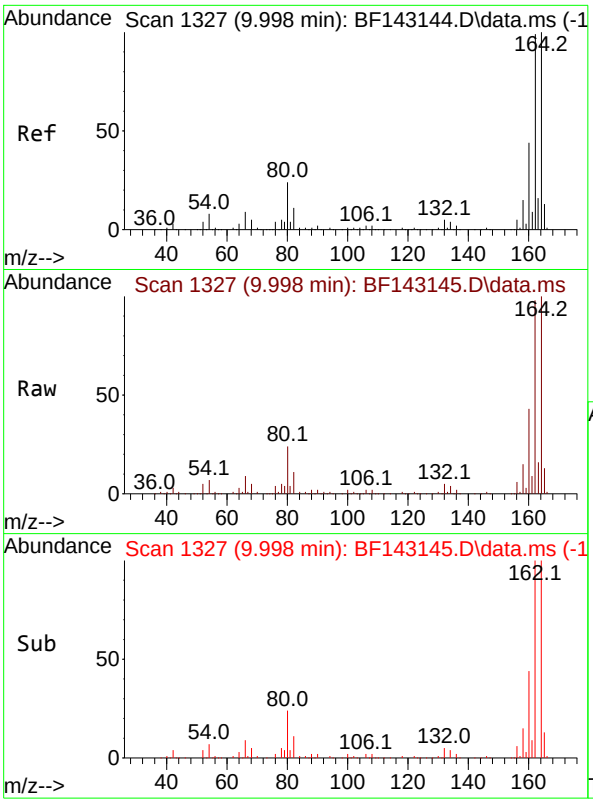




#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 72.3 | 108.5 |



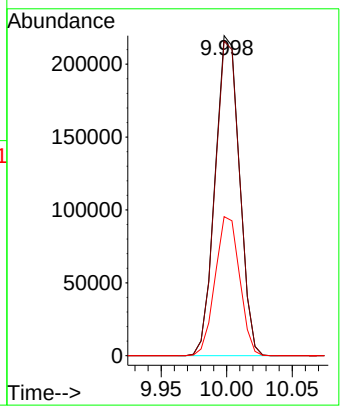


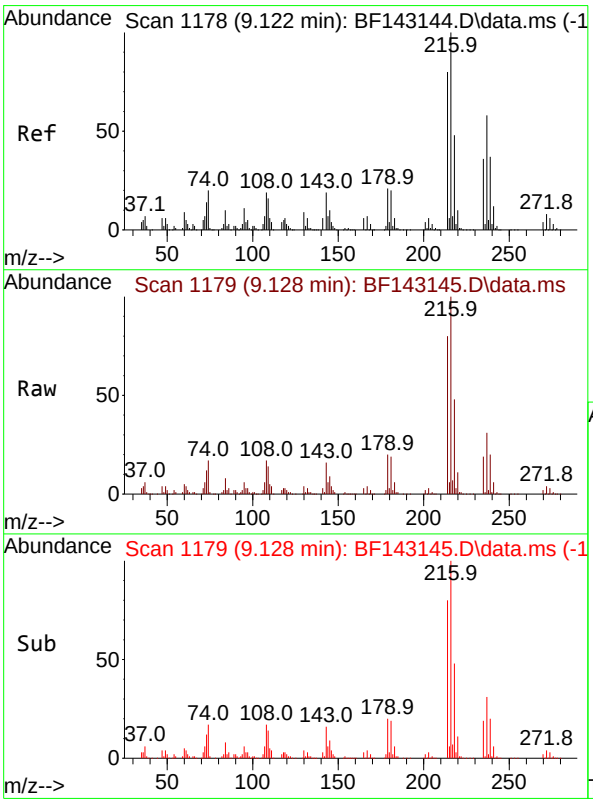

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:164 Resp: 283657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.3 | 79.0 | 118.6 |
| 160 | 43.5 | 35.1 | 52.7 |

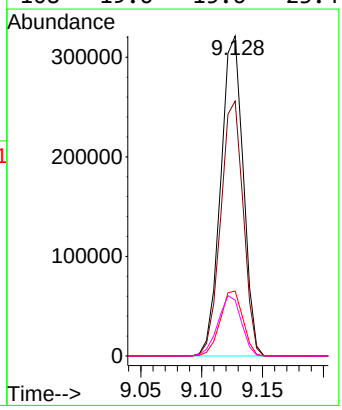


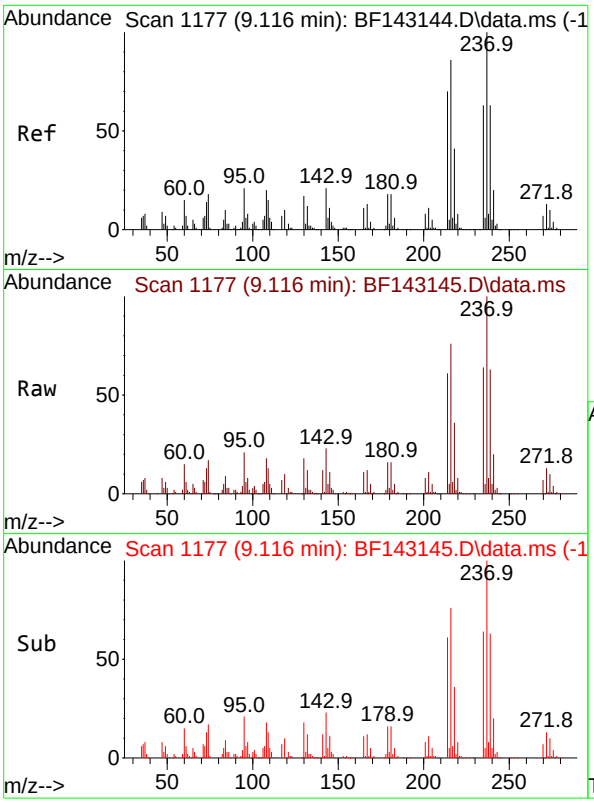




#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 19.6 | 15.6 | 23.4 |



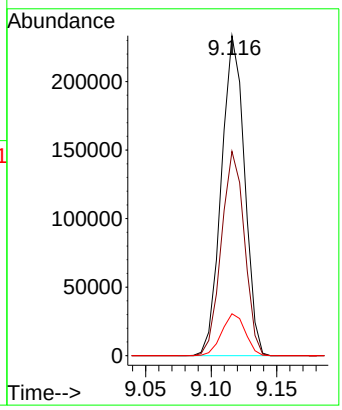


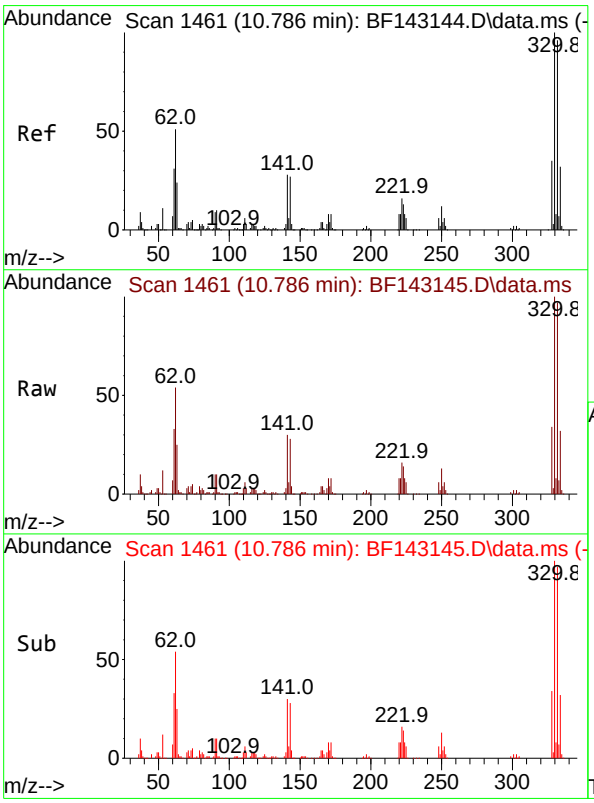

#41
Hexachlorocyclopentadiene
Concen: 53.823 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:237 Resp: 286805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 43.0 | 83.0 |
| 272 | 13.1 | 0.0 | 33.3 |

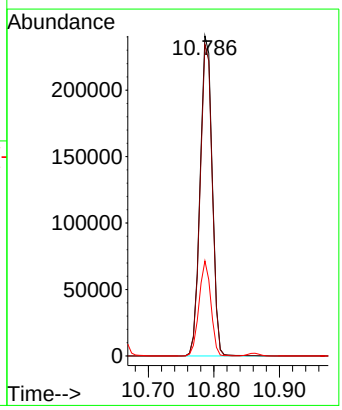


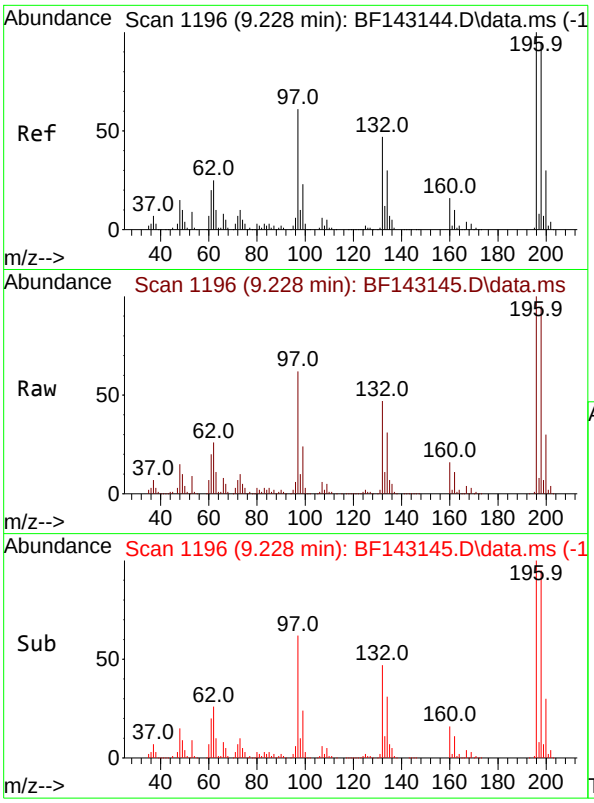




#42
2,4,6-Tribromophenol
Concen: 105.607 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:330 Resp: 309465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.7 | 115.1 |
| 141 | 29.0 | 23.3 | 34.9 |



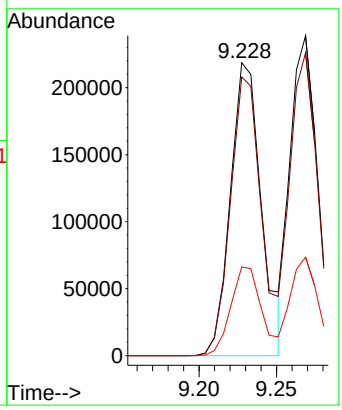


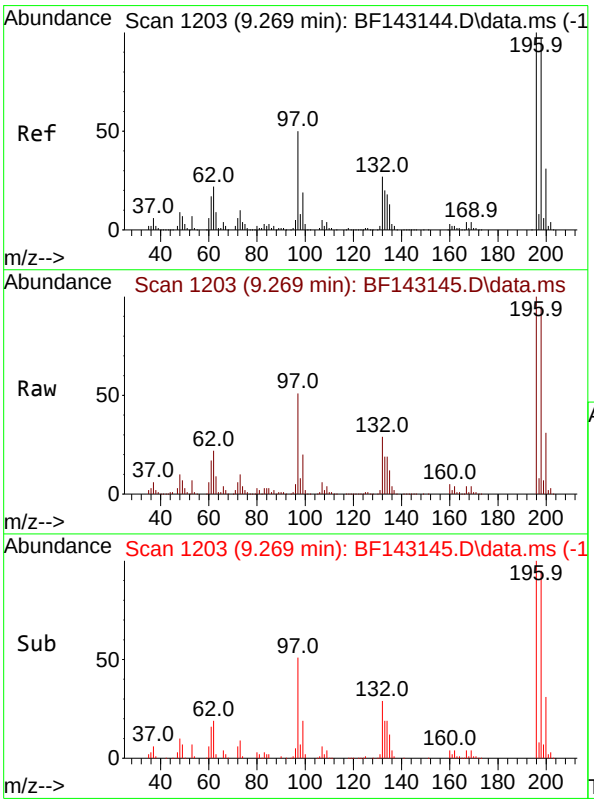

#43
2,4,6-Trichlorophenol
Concen: 53.718 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:196 Resp: 304466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 30.3 | 23.9 | 35.9 |

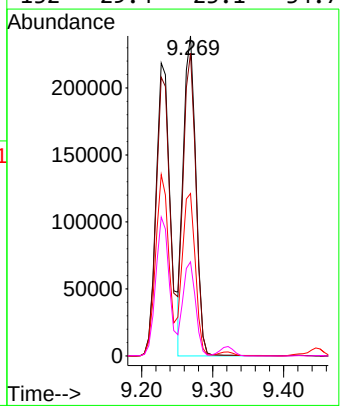


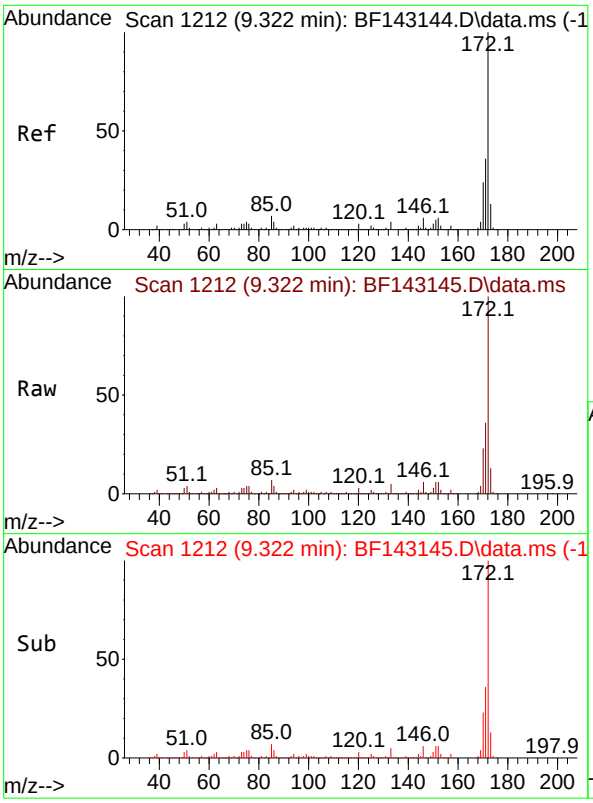




#44
2,4,5-Trichlorophenol
Concen: 51.434 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:196 Resp: 291607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 77.3 | 115.9 |
| 97 | 50.8 | 40.3 | 60.5 |
| 132 | 29.4 | 23.1 | 34.7 |



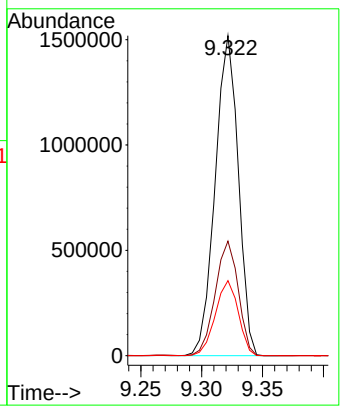


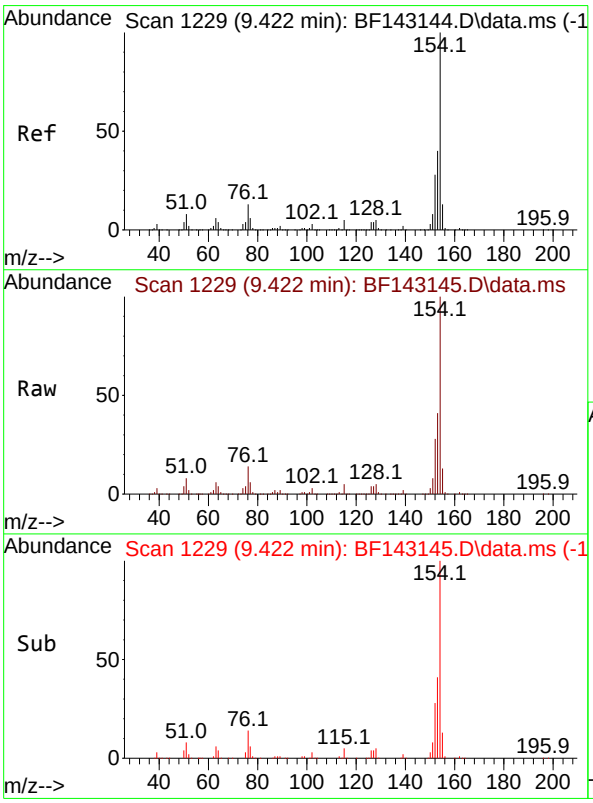

#45
2-Fluorobiphenyl
Concen: 96.712 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:172 Resp: 2005894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |

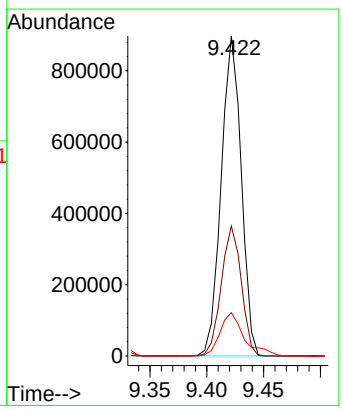


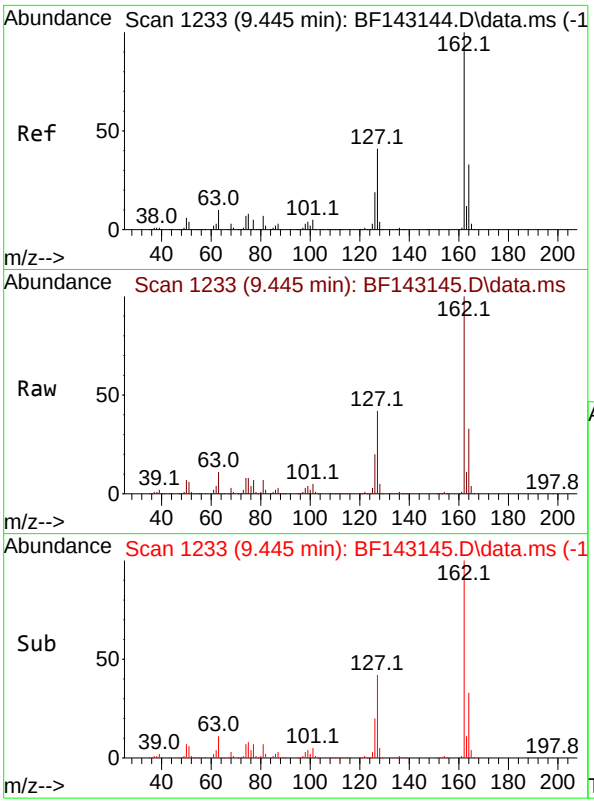




#46
1,1'-Biphenyl
Concen: 49.764 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 1101317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.3 | 60.3 |
| 76 | 13.5 | 0.0 | 33.3 |



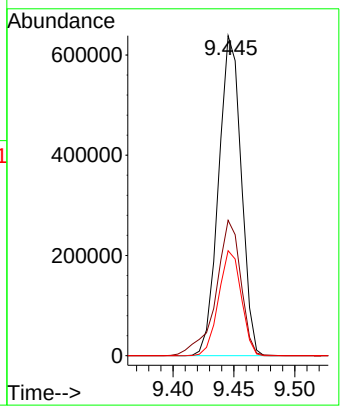


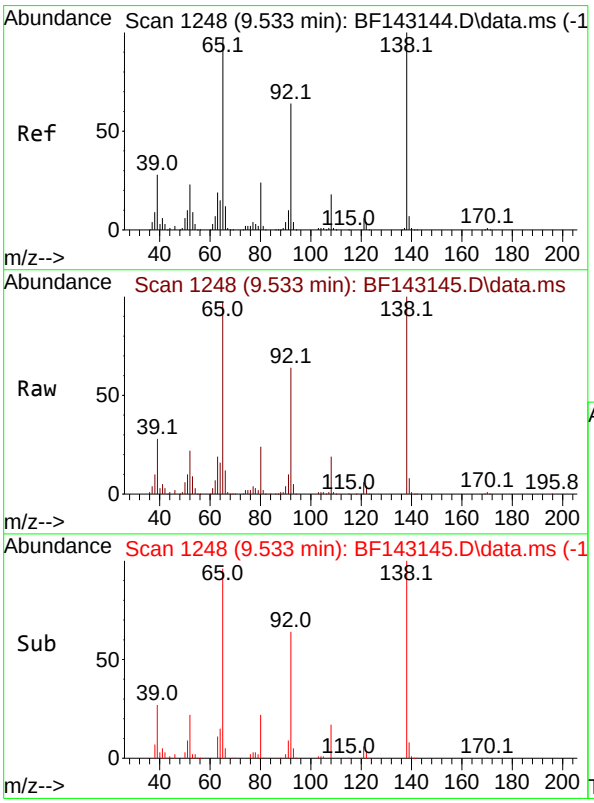

#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 826749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.3 | 33.4 | 50.2 |
| 164 | 32.8 | 26.2 | 39.2 |

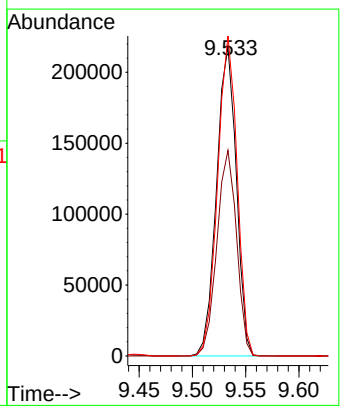


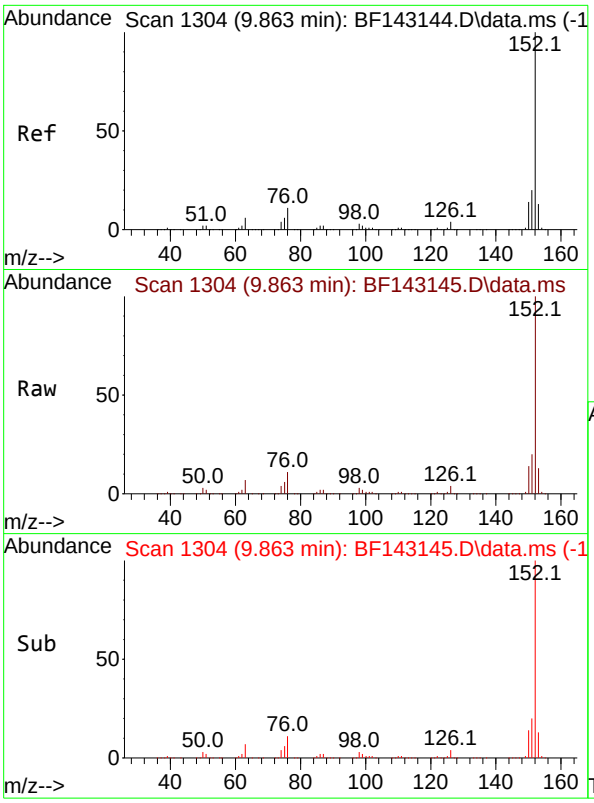




#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 52.4 | 78.6 |
| 138 | 103.5 | 82.3 | 123.5 |



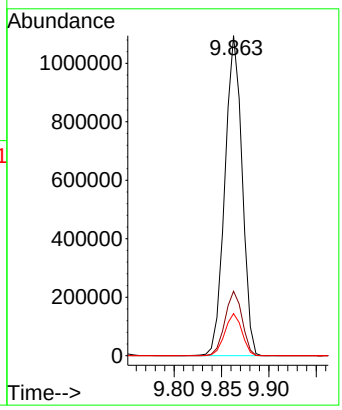


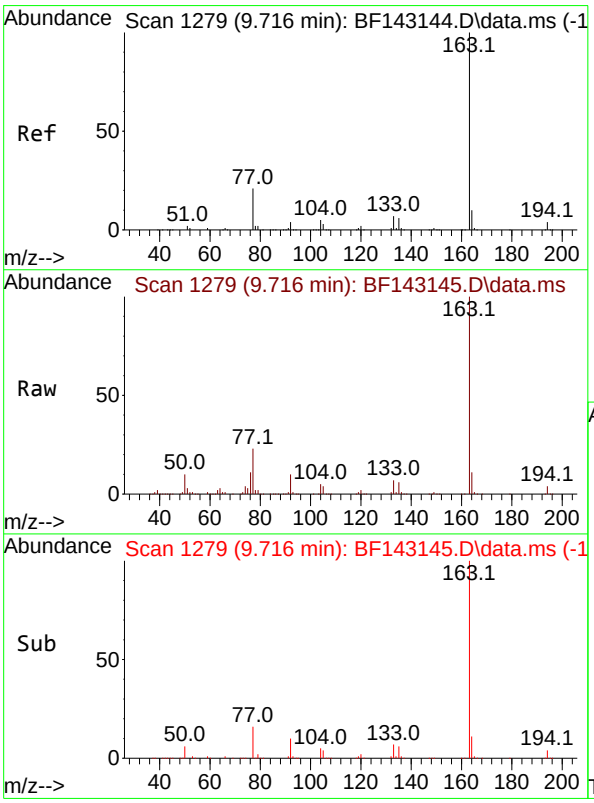

#49
Acenaphthylene
Concen: 50.605 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 1388721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |

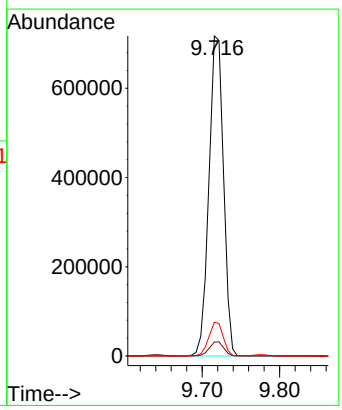


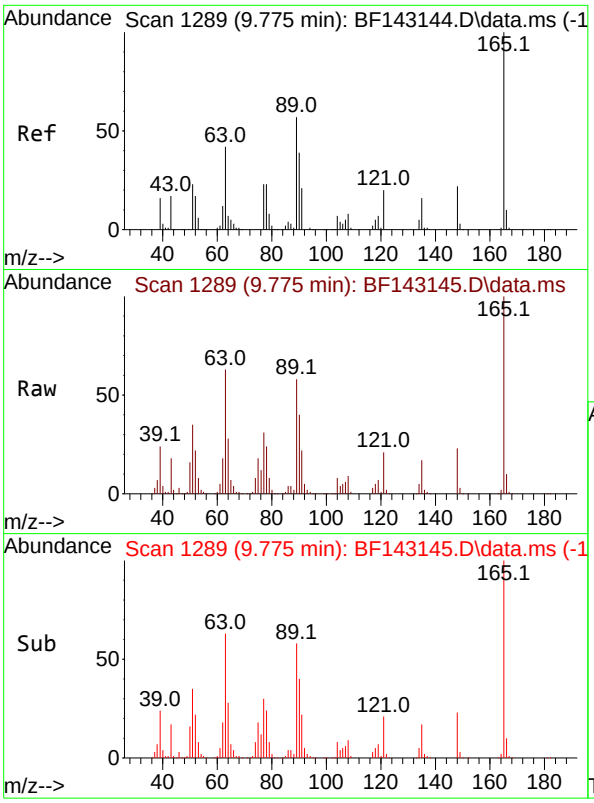




#50
Dimethylphthalate
Concen: 50.832 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:163 Resp: 939863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.5 | 8.3 | 12.5 |



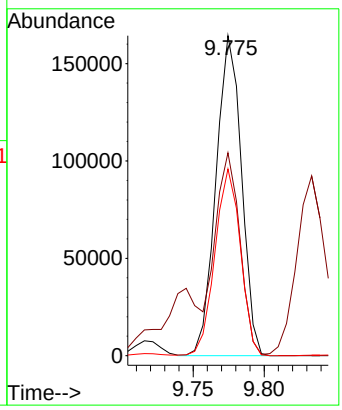


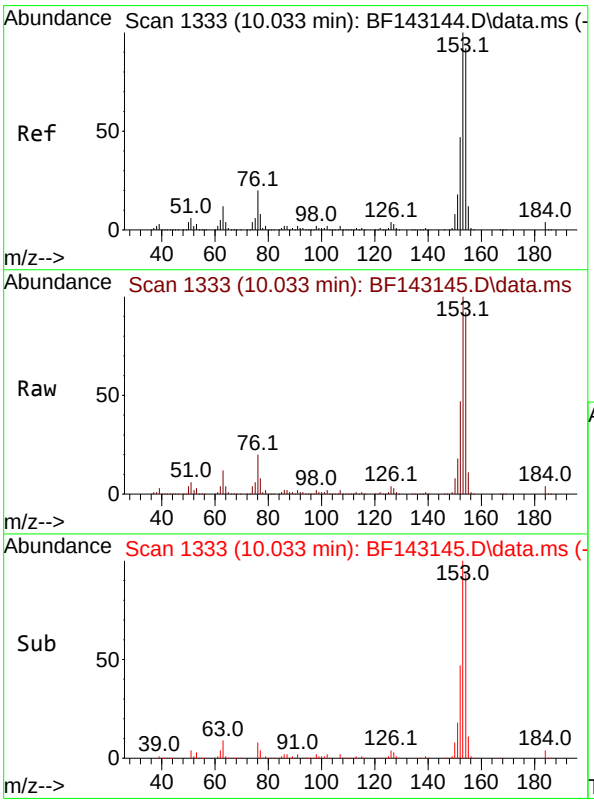

#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 205147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.4 | 49.4 | 74.2 |
| 89 | 58.4 | 46.2 | 69.2 |

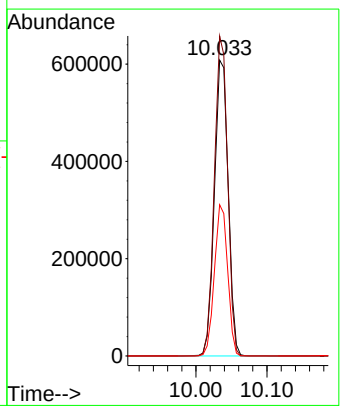


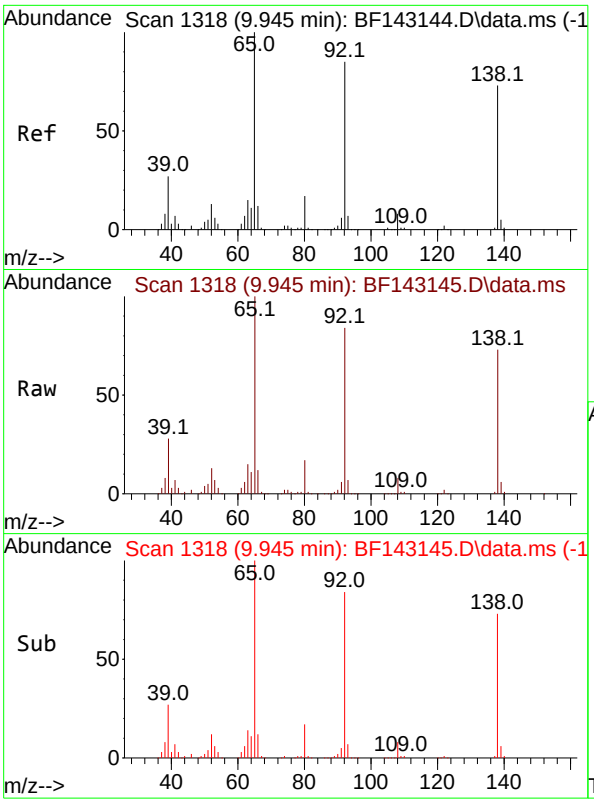




#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:154 Resp: 818783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.2 | 86.6 | 129.8 |
| 152 | 51.1 | 40.4 | 60.6 |



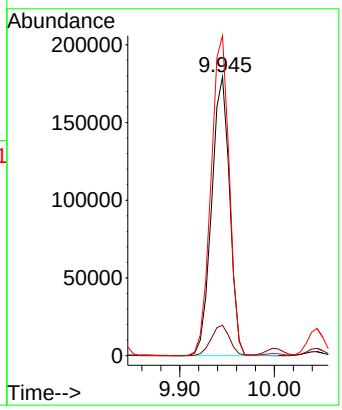


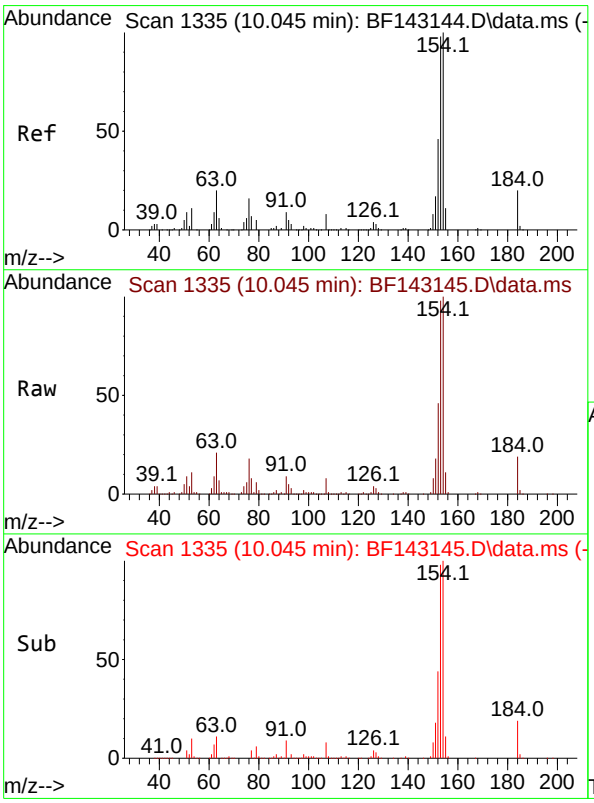

#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:138 Resp: 236959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.0 | 13.6 |
| 92 | 114.8 | 93.0 | 139.4 |

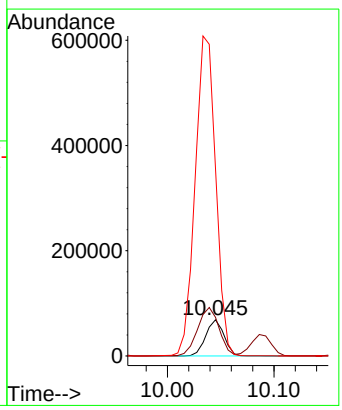


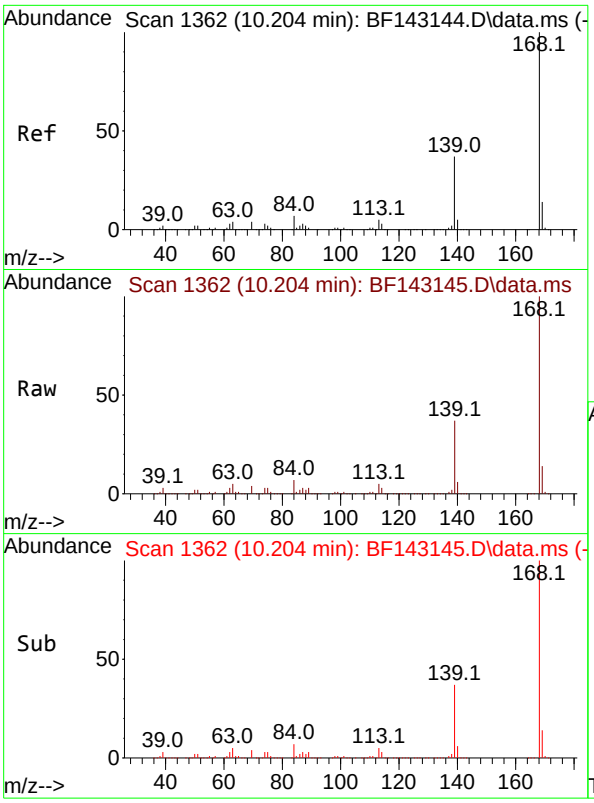




#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:184 Resp: 81983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 106.9 | 81.8 | 122.6 |
| 154 | 519.2 | 412.2 | 618.4 |



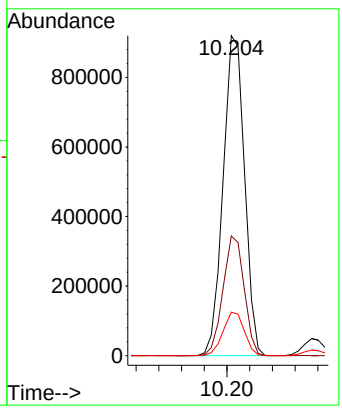


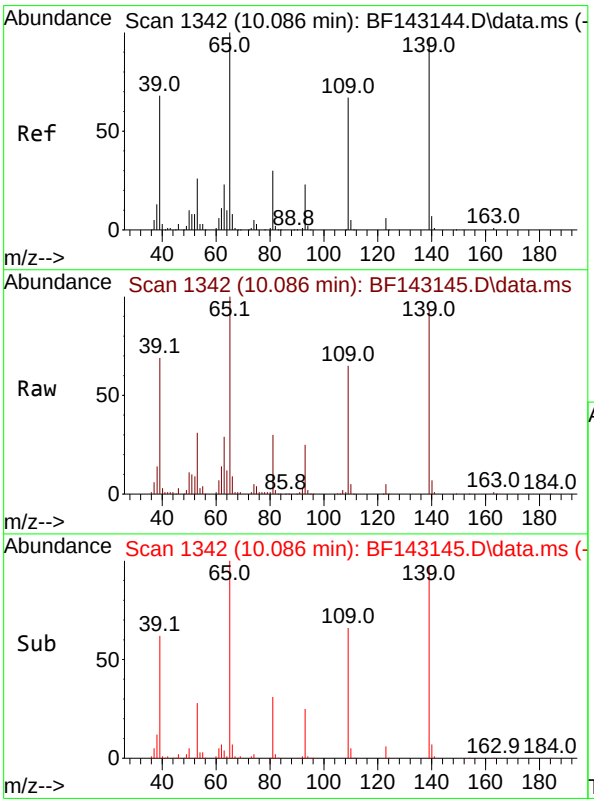

#55
Dibenzofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:168 Resp: 1204088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.5 | 44.3 |
| 169 | 13.6 | 10.9 | 16.3 |

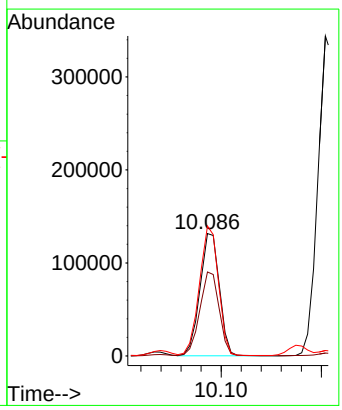


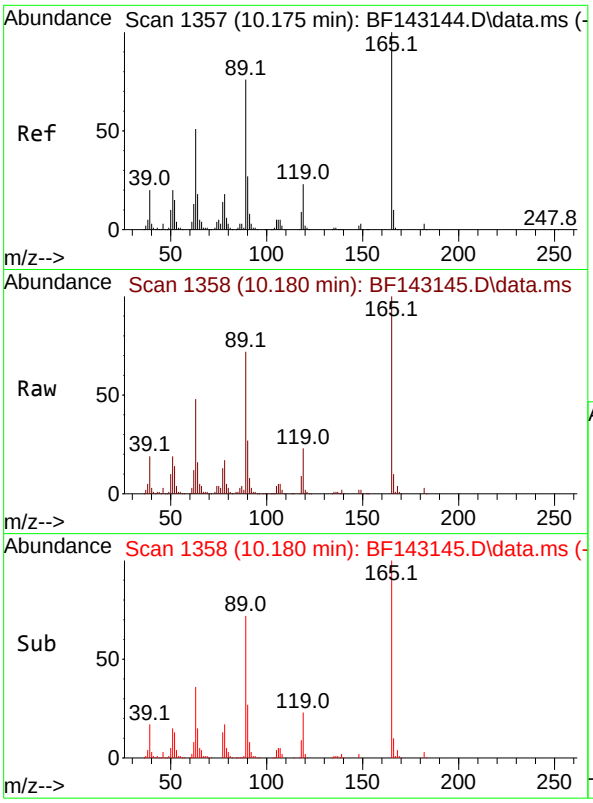




#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 177408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 48.5 | 88.5 |
| 65 | 106.2 | 83.4 | 123.4 |



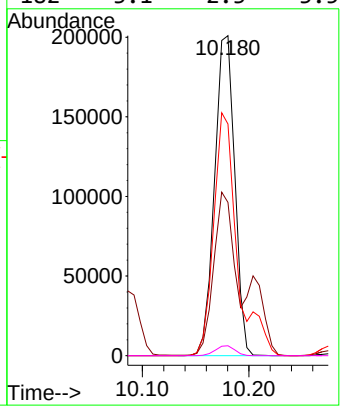


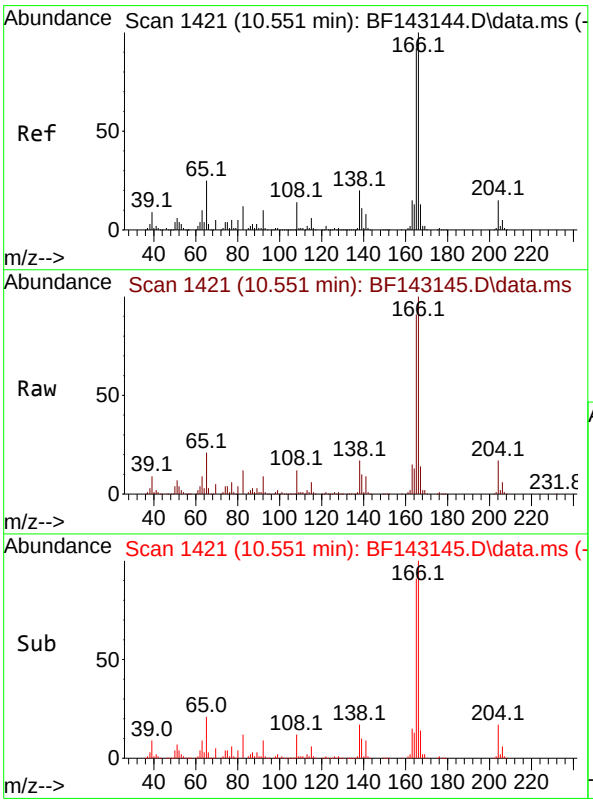

#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 264045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 41.0 | 61.4 |
| 89 | 72.4 | 61.1 | 91.7 |
| 182 | 3.1 | 2.3 | 3.5 |

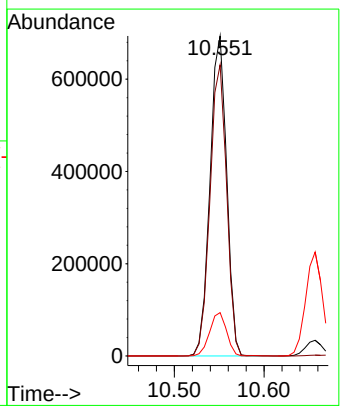


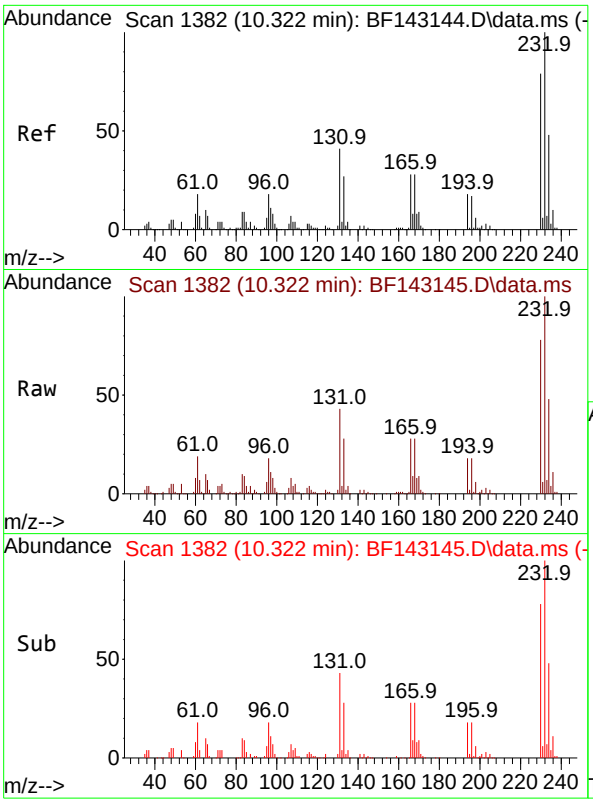




#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:166 Resp: 891646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.0 | 73.7 | 110.5 |
| 167 | 13.6 | 10.6 | 16.0 |



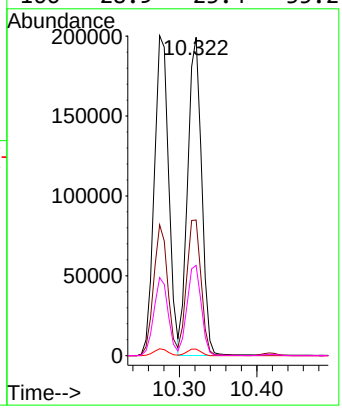


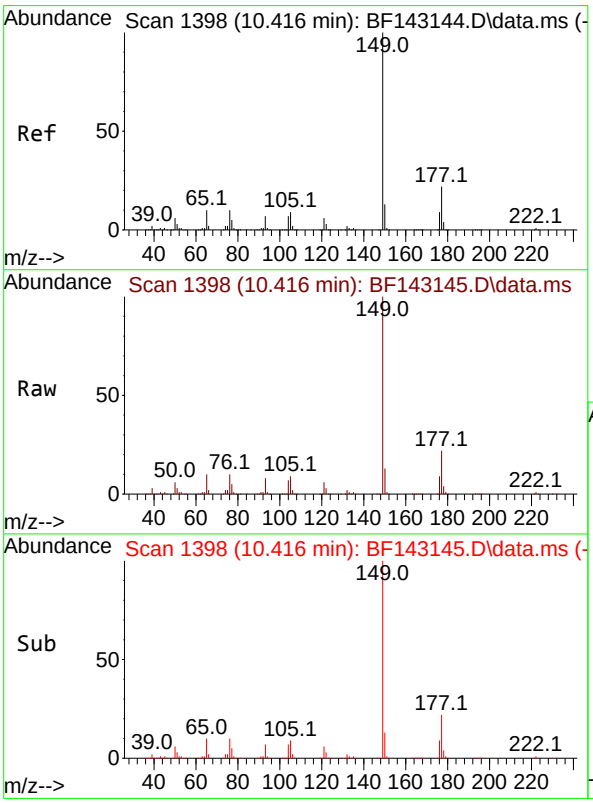

#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:232 Resp: 248745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.3 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.9 | 23.4 | 35.2 |

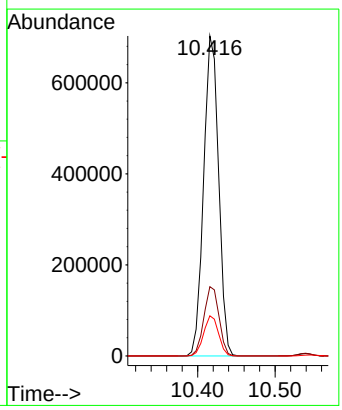


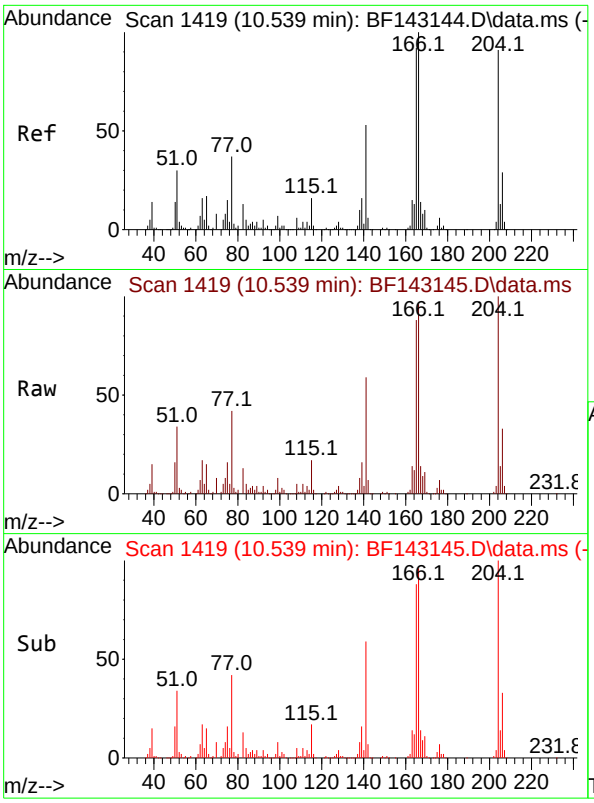




#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 942625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |



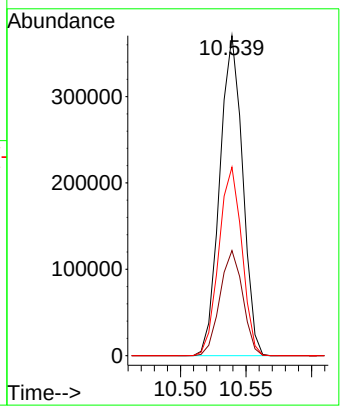


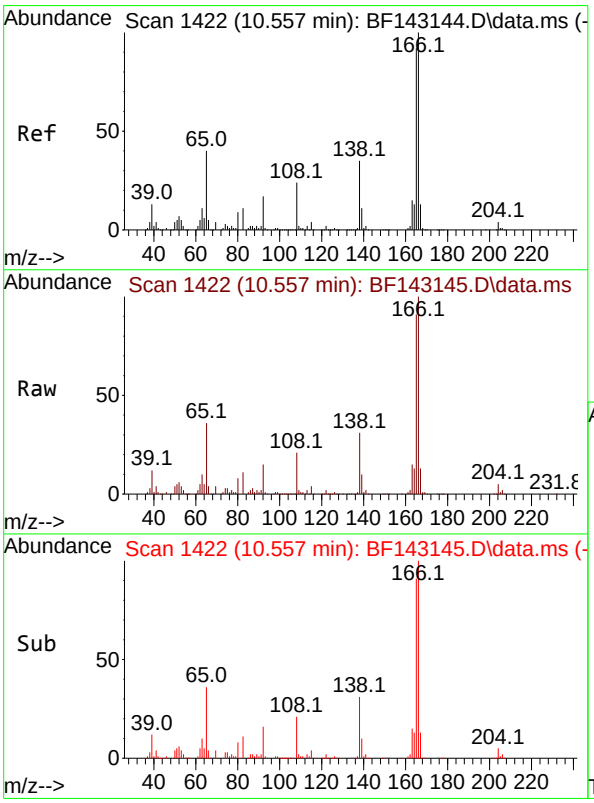

#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:204 Resp: 449168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 25.8 | 38.8 |
| 141 | 58.9 | 47.0 | 70.4 |

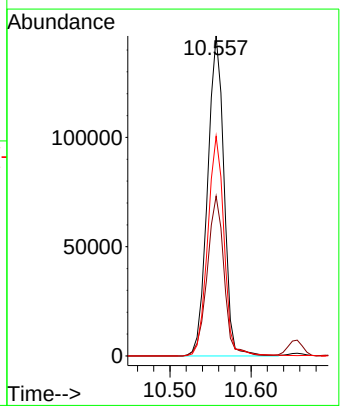


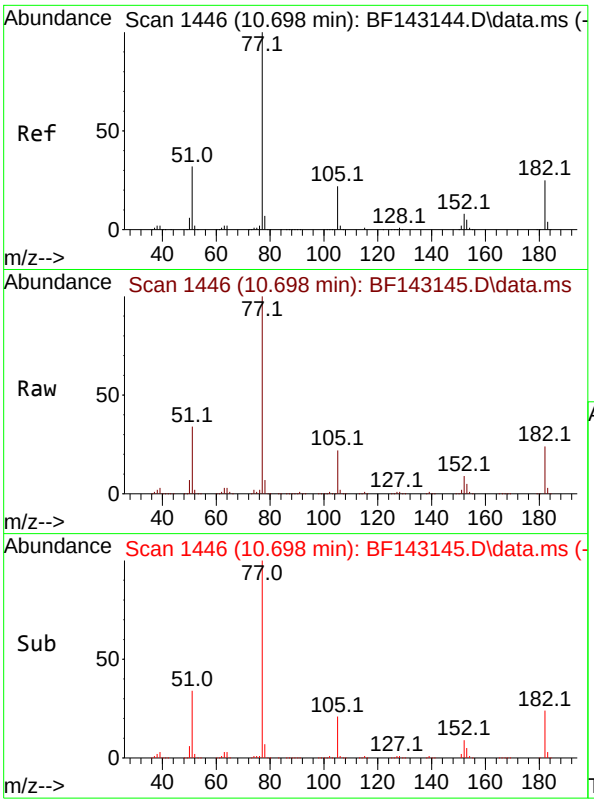




#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:138 Resp: 205210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.0 | 29.3 | 69.3 |
| 108 | 68.7 | 48.3 | 88.3 |



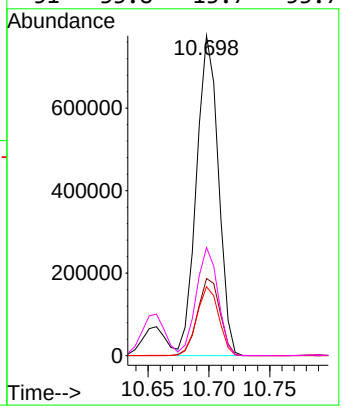


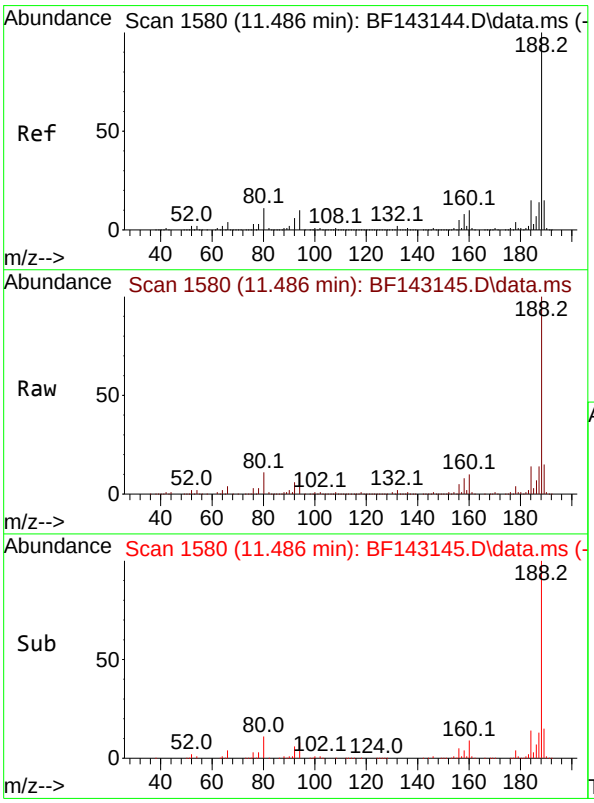

#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 966931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 4.6 | 44.6 |
| 105 | 21.6 | 1.4 | 41.4 |
| 51 | 33.8 | 13.7 | 53.7 |

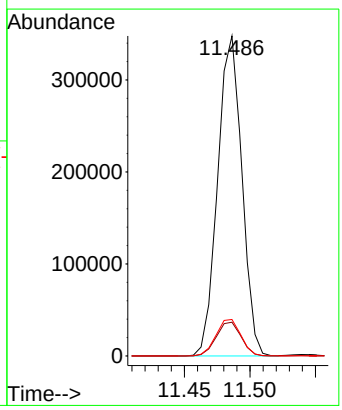


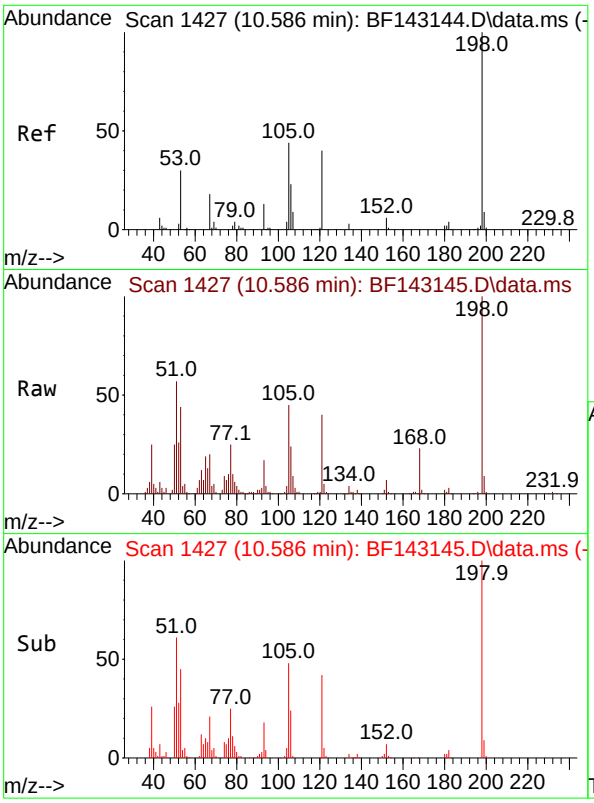




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:188 Resp: 447089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.4 | 9.0 | 13.6 |



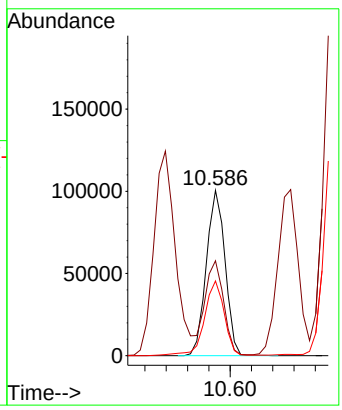


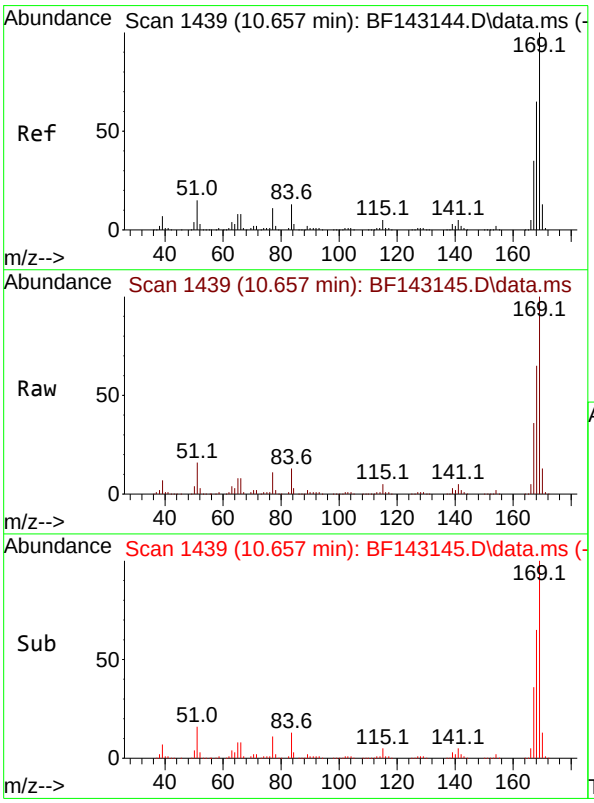

#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:198 Resp: 122876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.3 | 37.2 | 77.2 |
| 105 | 45.1 | 24.8 | 64.8 |

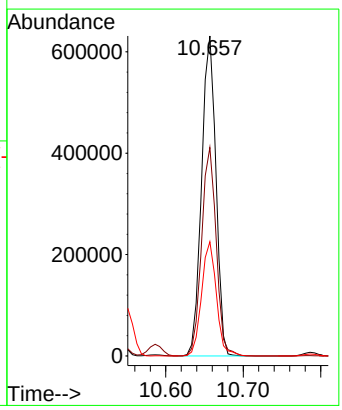


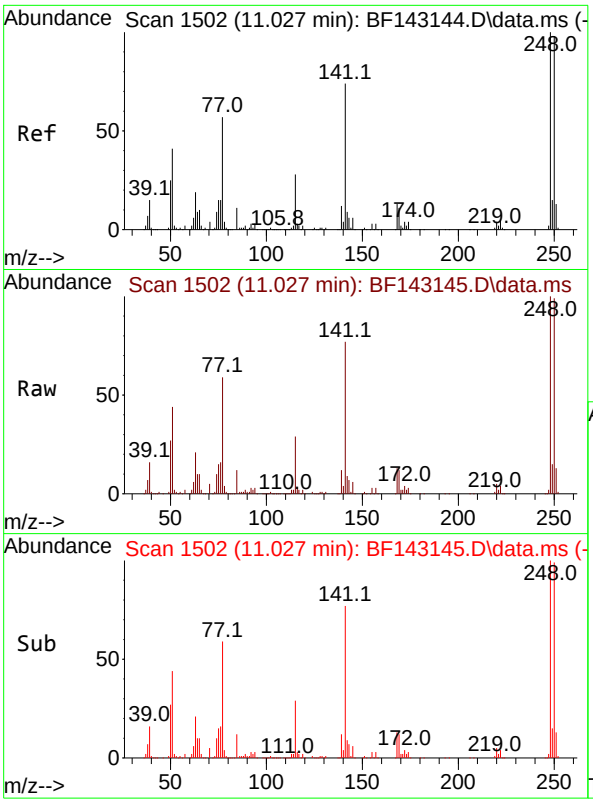




#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:169 Resp: 811422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 52.1 | 78.1 |
| 167 | 35.7 | 28.2 | 42.2 |



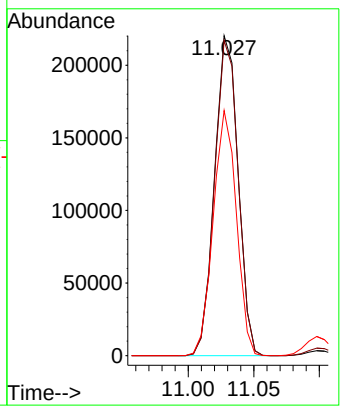


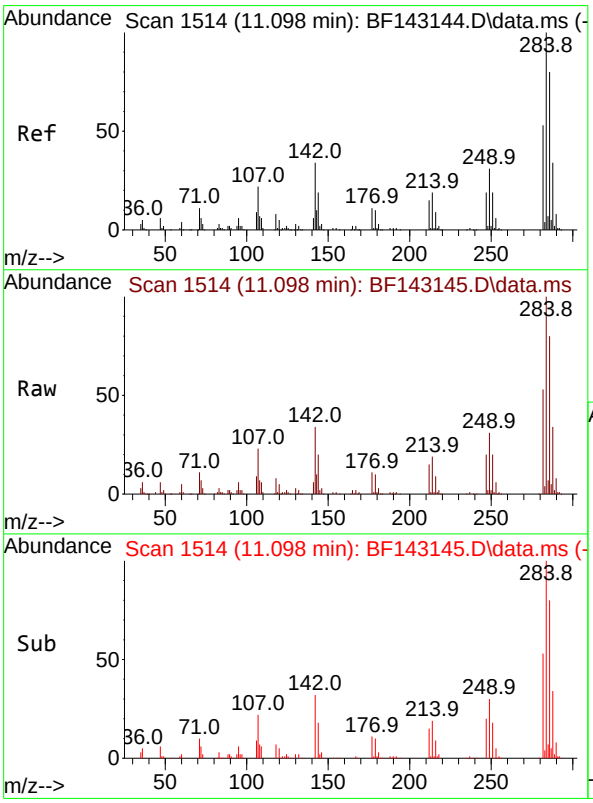

#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:248 Resp: 275679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.5 | 78.3 | 117.5 |
| 141 | 76.6 | 59.2 | 88.8 |

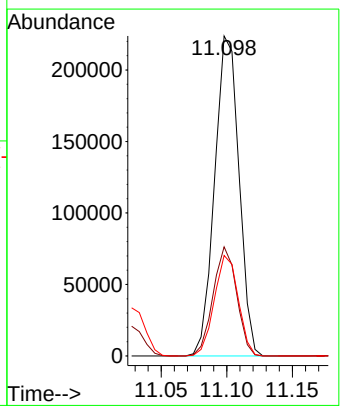


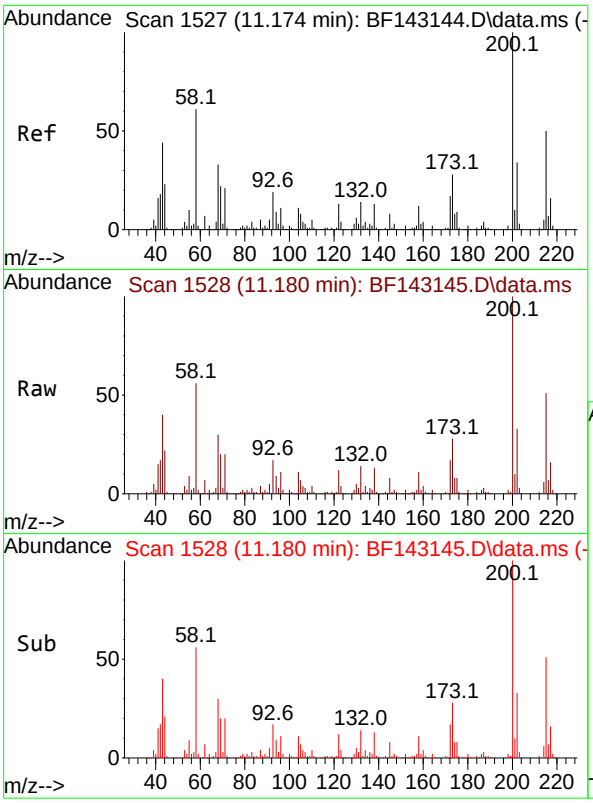




#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:284 Resp: 288405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.1 | 27.0 | 40.6 |
| 249 | 31.4 | 25.0 | 37.6 |



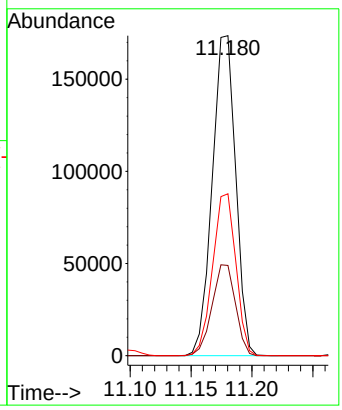


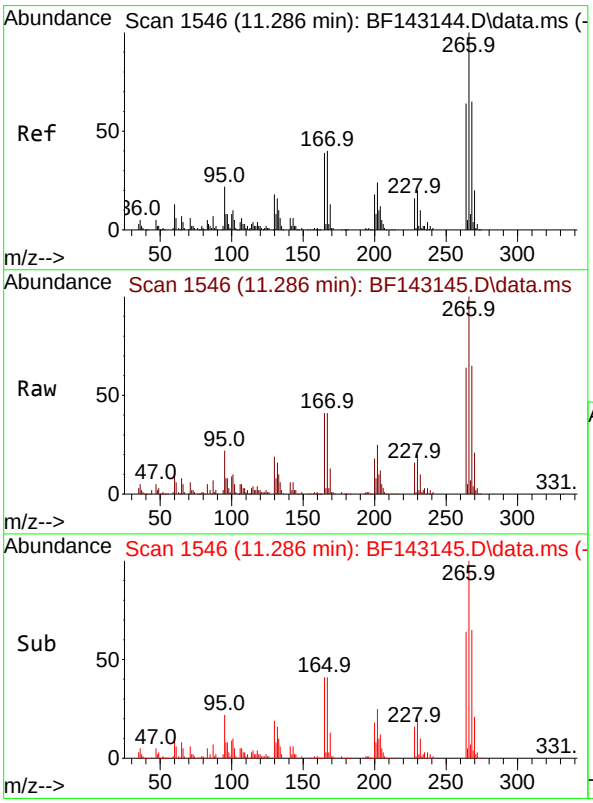

#69
Atrazine
Concen: 53.662 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:200 Resp: 232907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.2 | 7.9 | 47.9 |
| 215 | 50.6 | 30.1 | 70.1 |

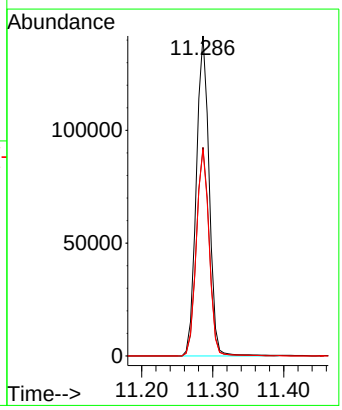


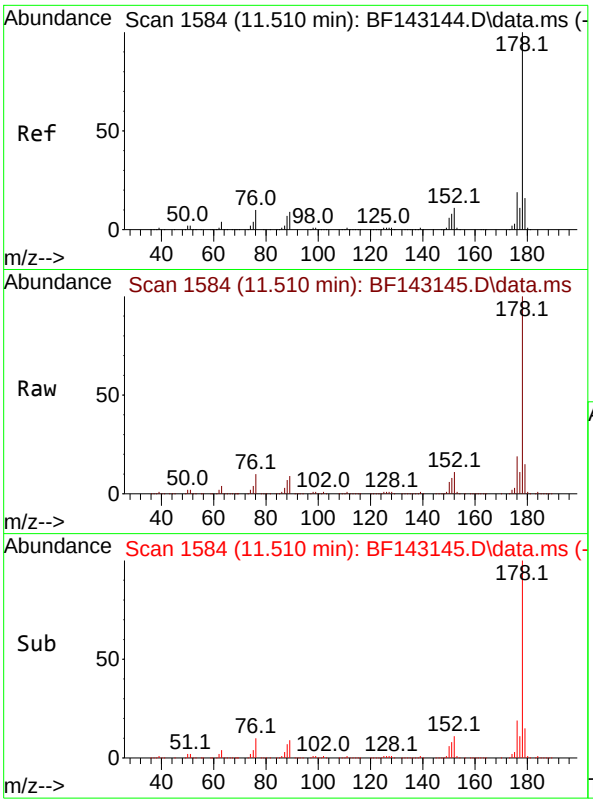




#70
Pentachlorophenol
Concen: 54.581 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:266 Resp: 178753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 51.9 | 77.9 |
| 264 | 64.5 | 51.0 | 76.6 |



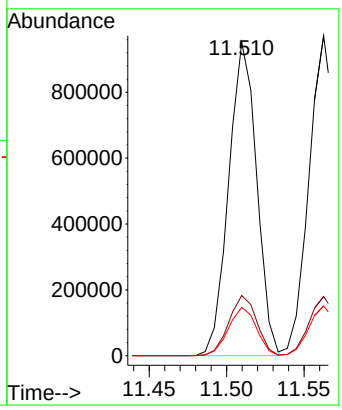


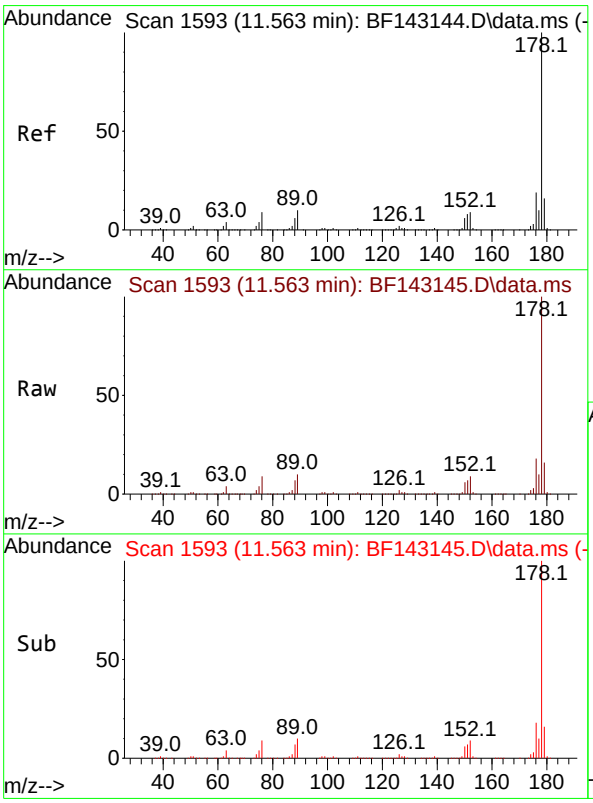

#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:178 Resp: 1194582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 15.4 | 12.5 | 18.7 |

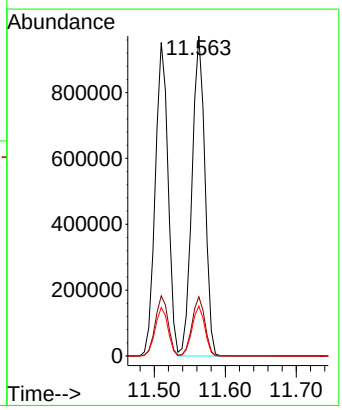


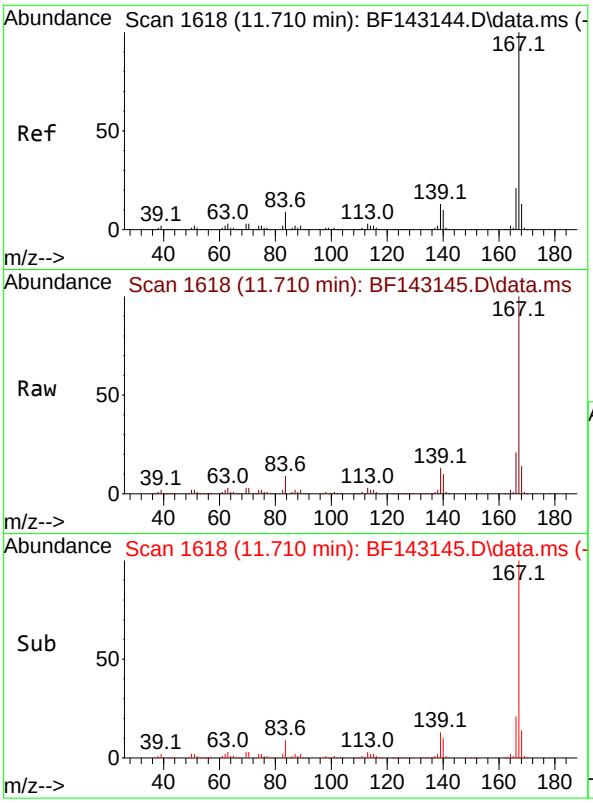




#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:178 Resp: 1223920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



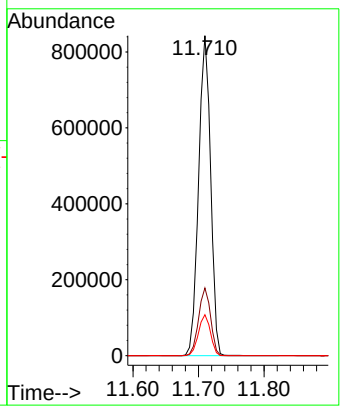


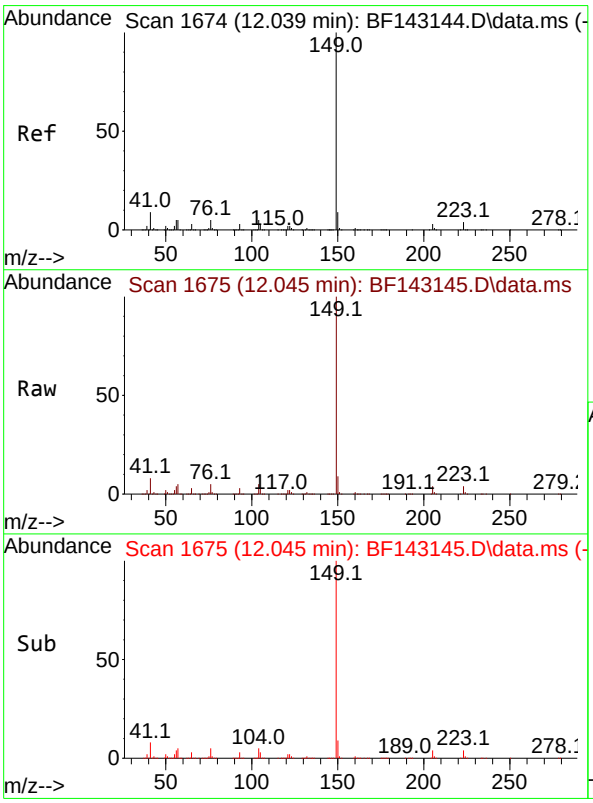

#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:167 Resp: 1076803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.0 | 25.6 |
| 139 | 12.8 | 10.0 | 15.0 |

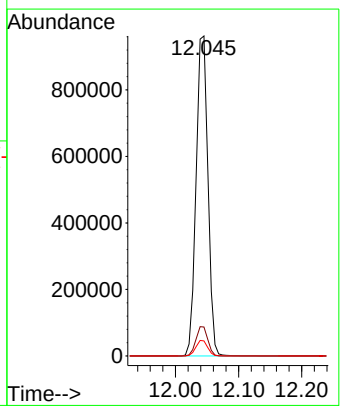


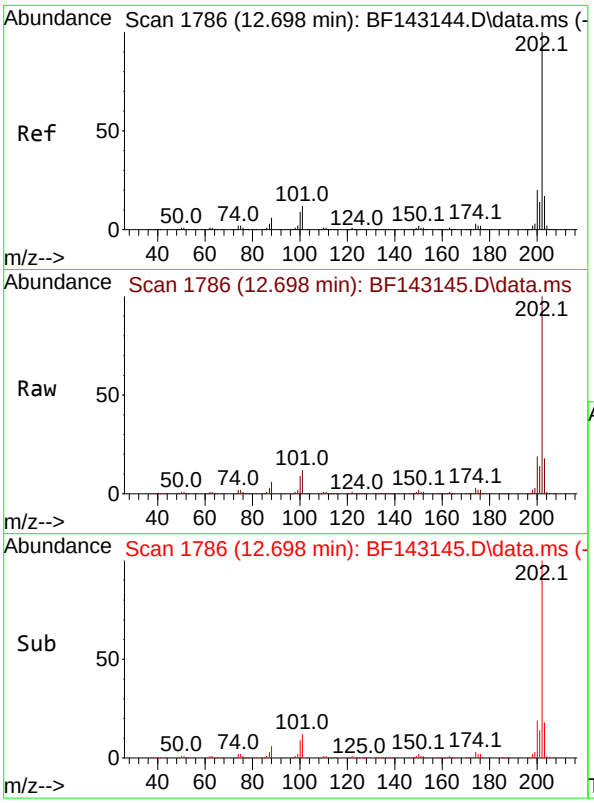




#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 1250841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



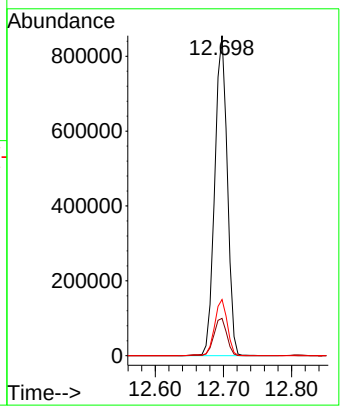


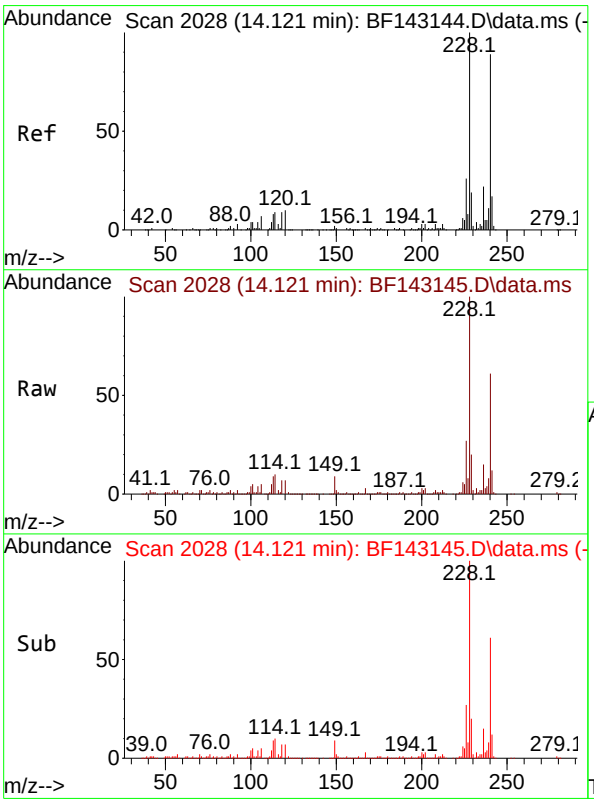

#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:202 Resp: 1093890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |

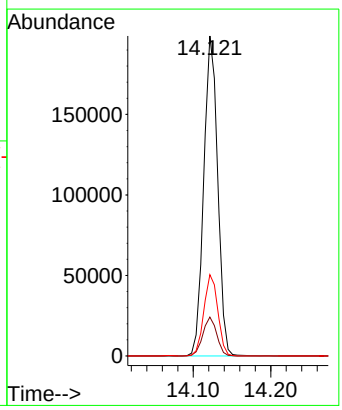


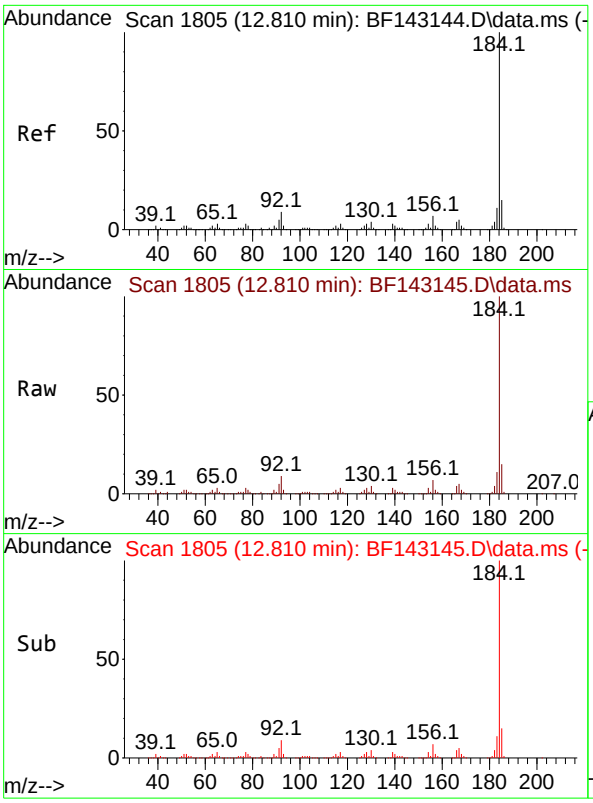




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:240 Resp: 247878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 9.4 | 14.2 |
| 236 | 25.4 | 20.2 | 30.4 |



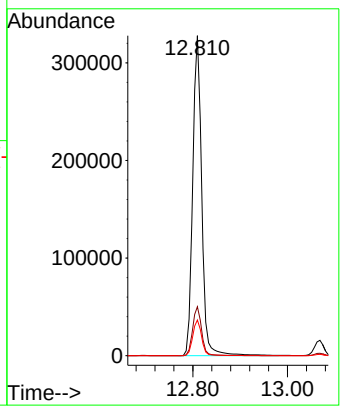


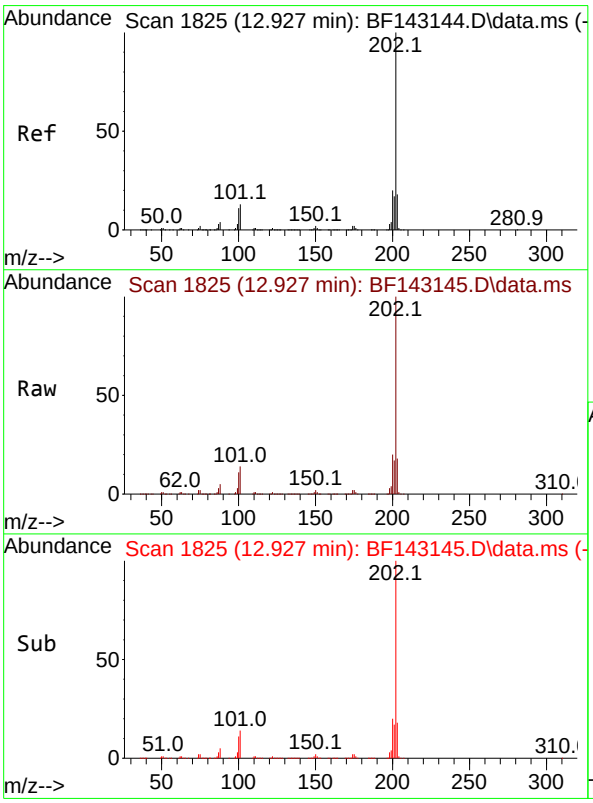

#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:184 Resp: 431944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 12.2 | 18.4 |
| 183 | 11.2 | 9.0 | 13.4 |

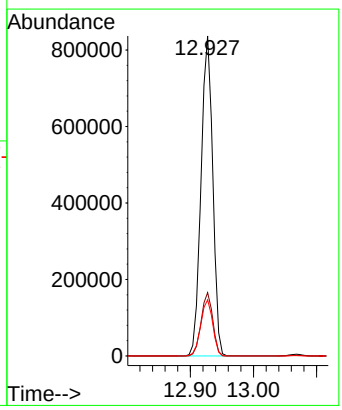


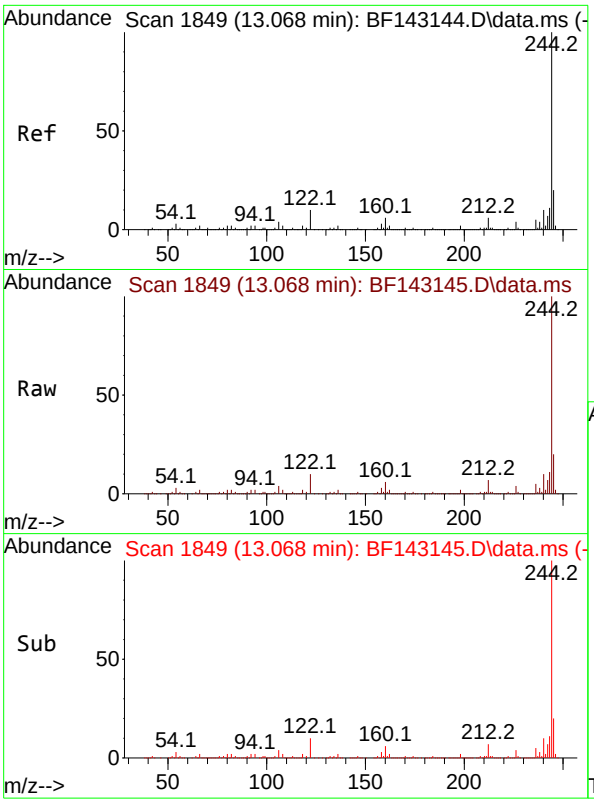




#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 17.5 | 14.2 | 21.2 |



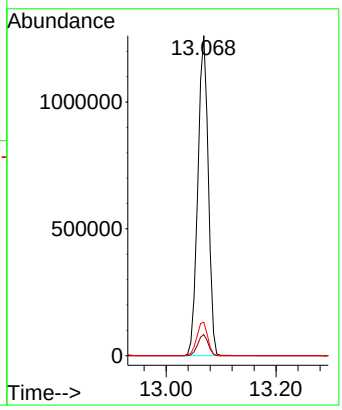


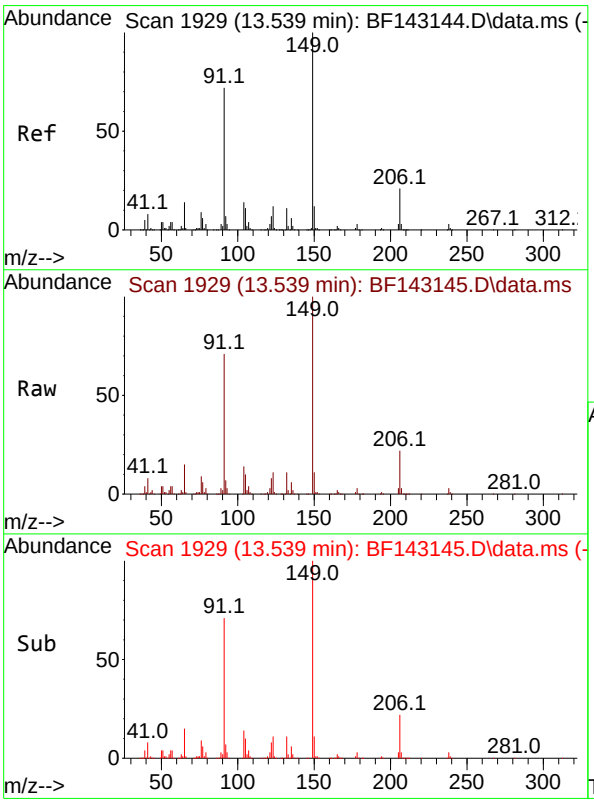

#79
Terphenyl-d14
Concen: 99.838 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:244 Resp: 1663033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |

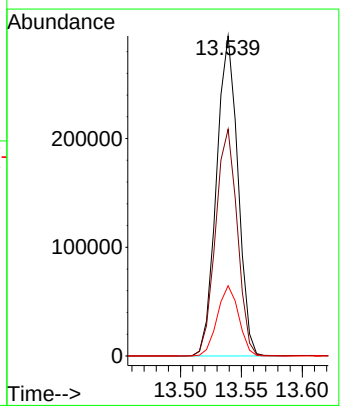


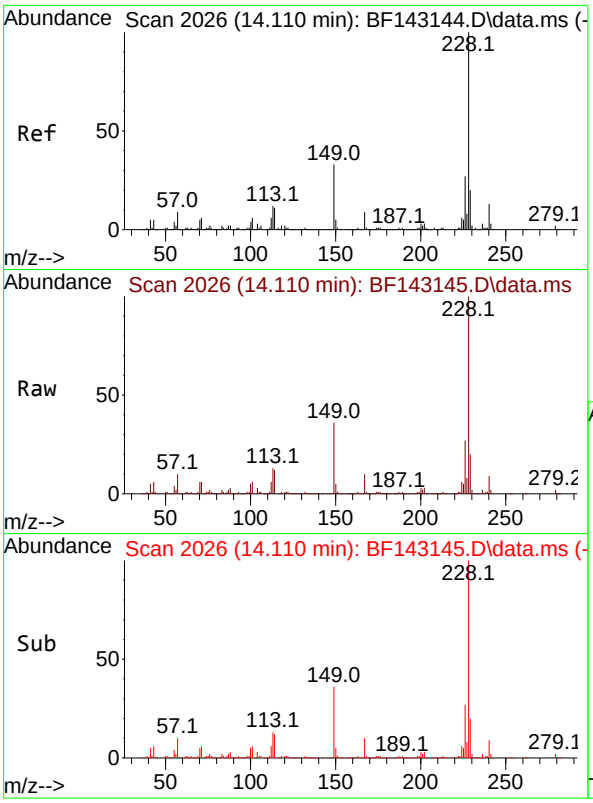




#80
Butylbenzylphthalate
Concen: 55.681 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 360698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.8 | 57.9 | 86.9 |
| 206 | 22.0 | 17.0 | 25.4 |



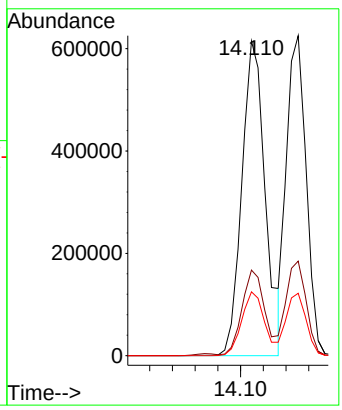


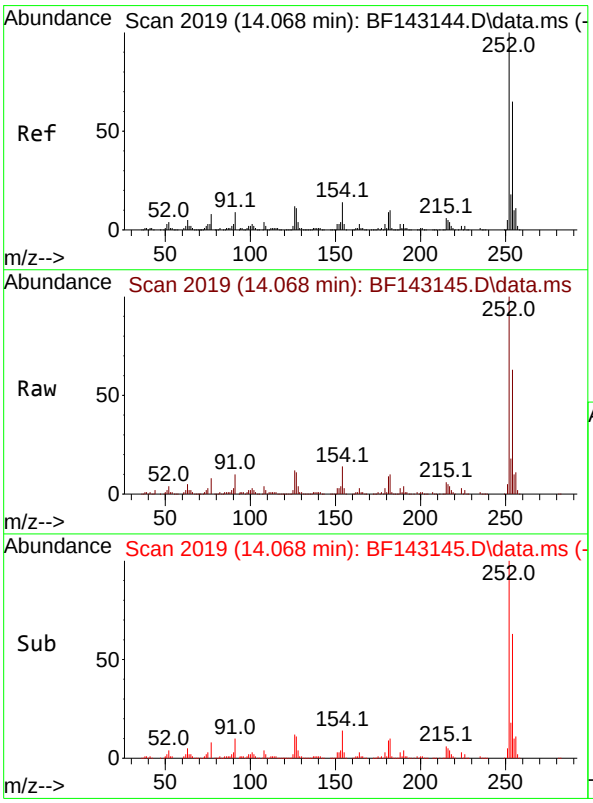

#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 880975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |

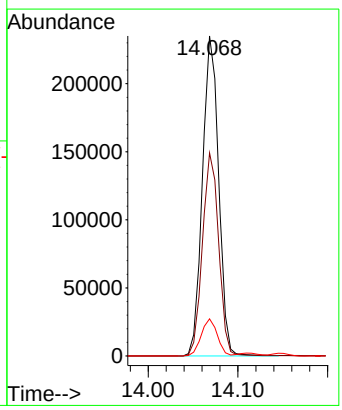


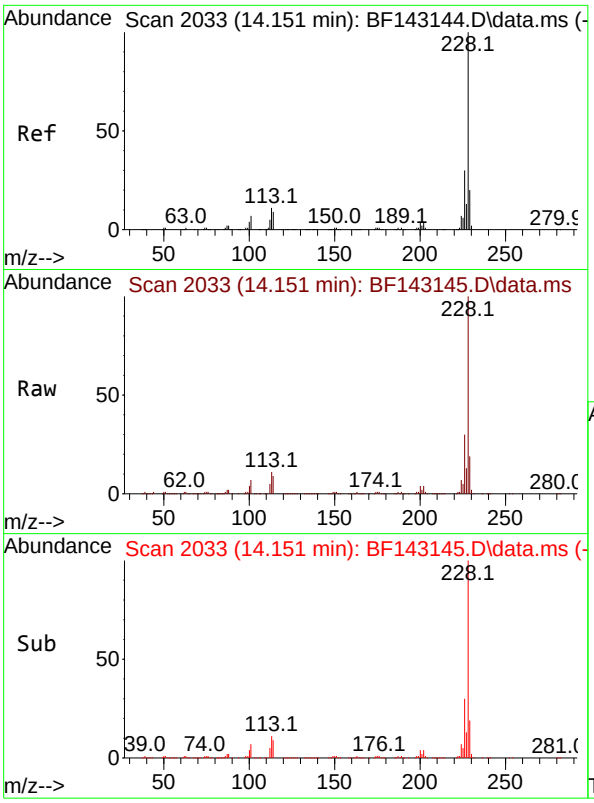




#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.5 | 51.7 | 77.5 |
| 126 | 11.6 | 9.4 | 14.0 |



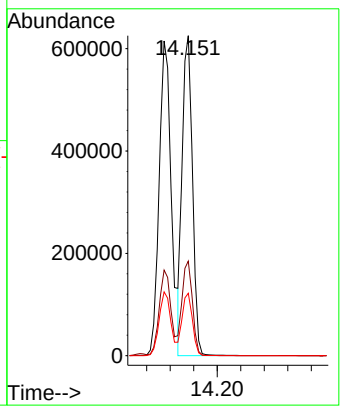


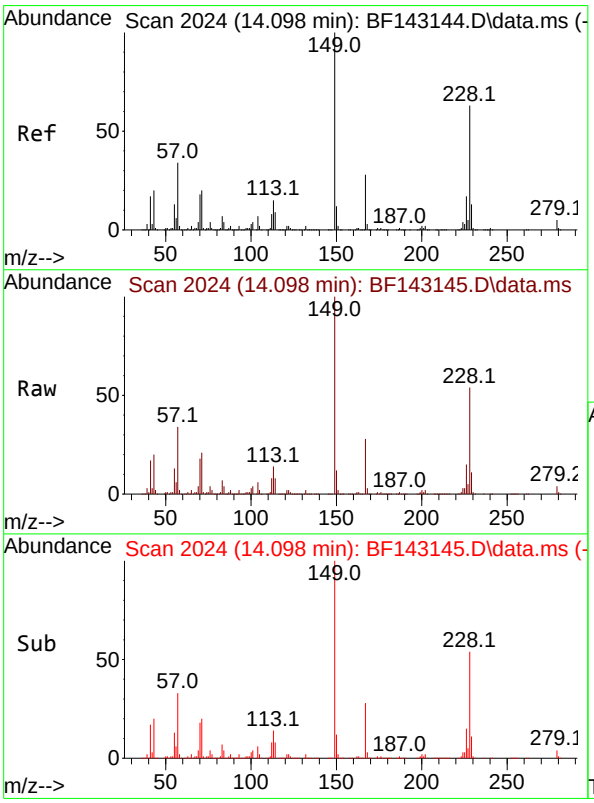

#83
Chrysene
Concen: 50.597 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 754953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |

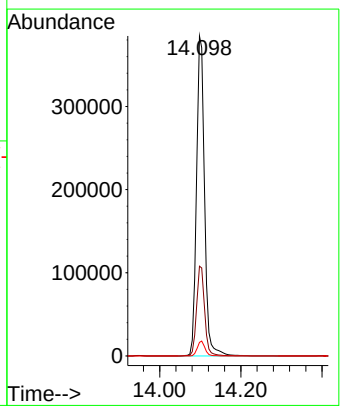


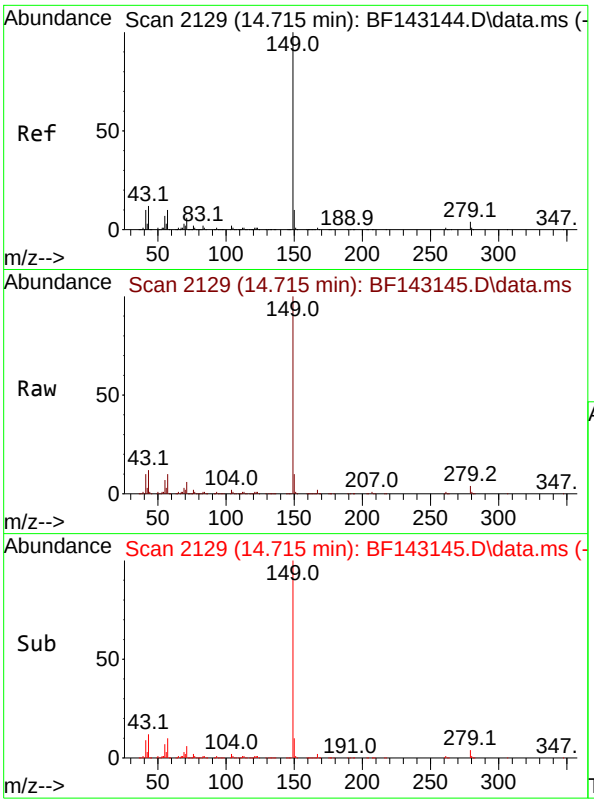




#84
Bis(2-ethylhexyl)phthalate
Concen: 54.475 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:149 Resp: 534128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |



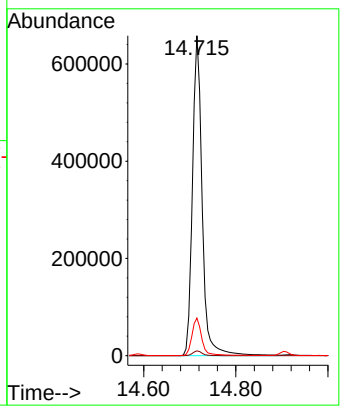


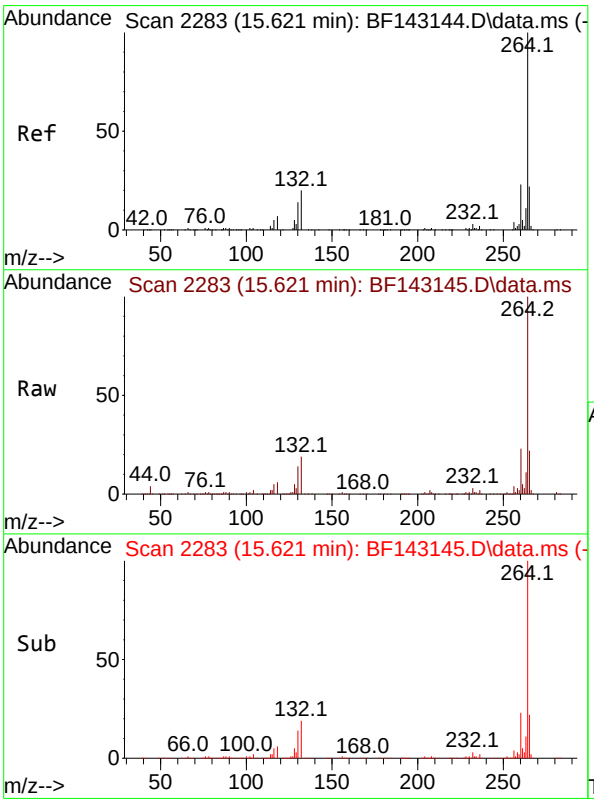

#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:149 Resp: 960309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |

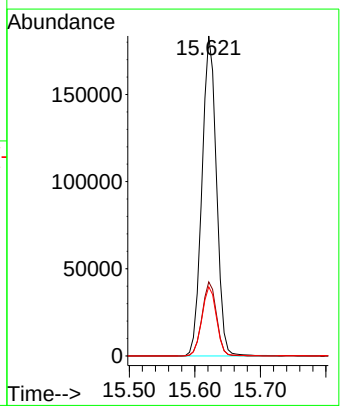


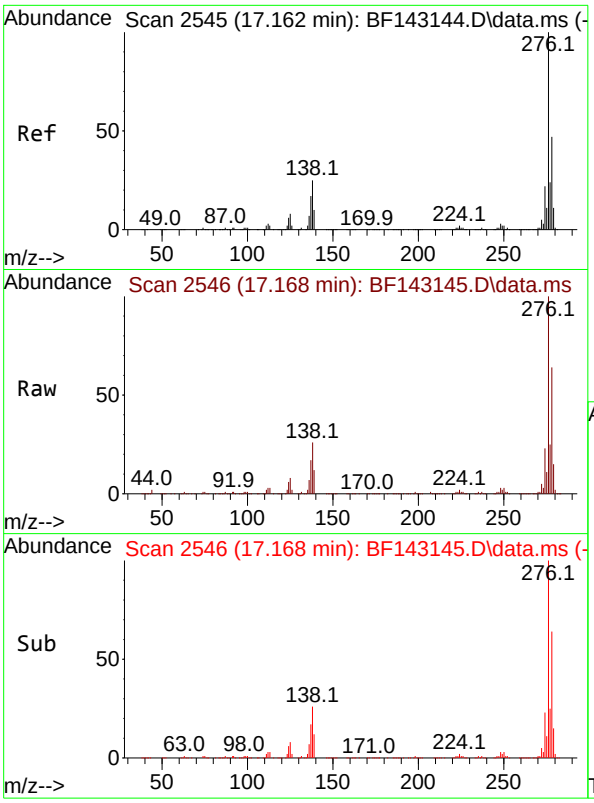




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 21.6 | 17.4 | 26.2 |



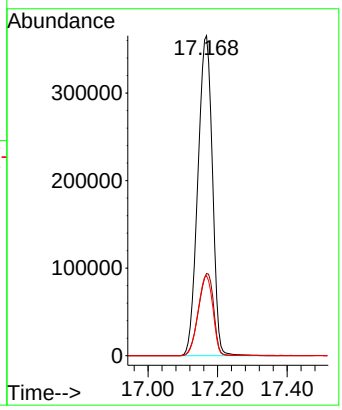


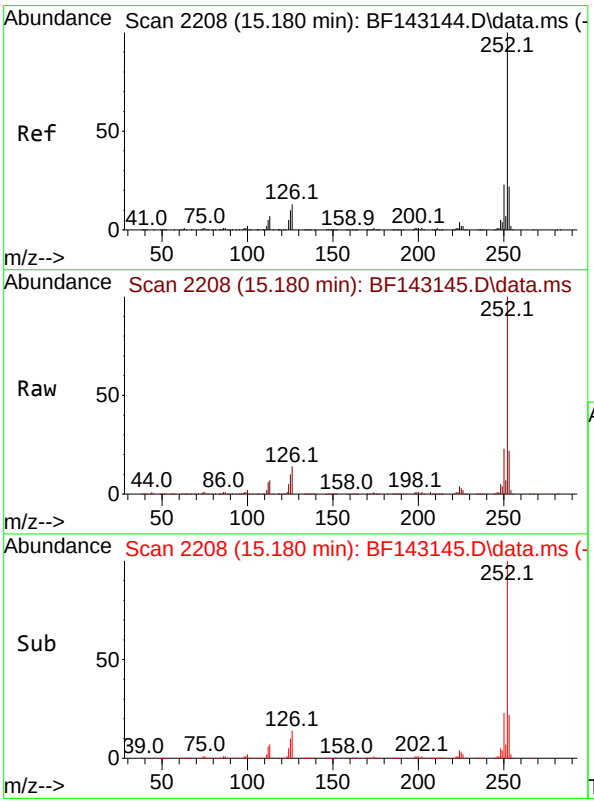

#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:276 Resp: 1061877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.8 | 21.8 | 32.6 |
| 277 | 25.4 | 20.0 | 30.0 |

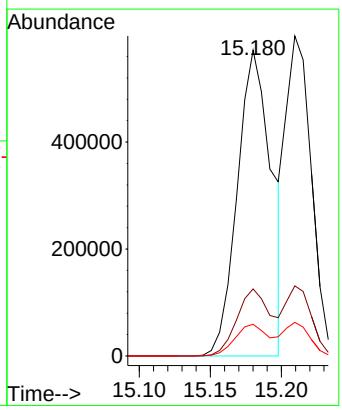


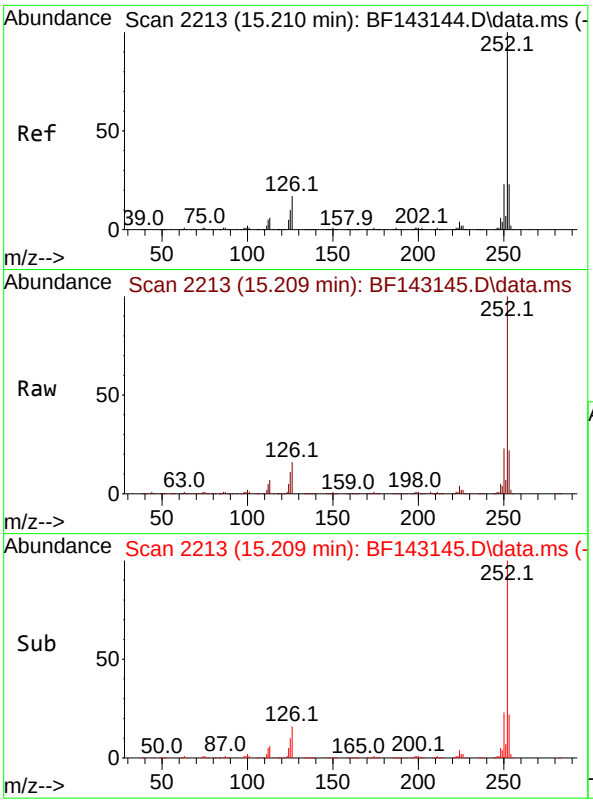




#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 953990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.4 | 8.0 | 12.0 |



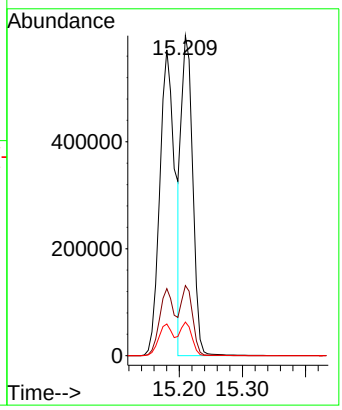


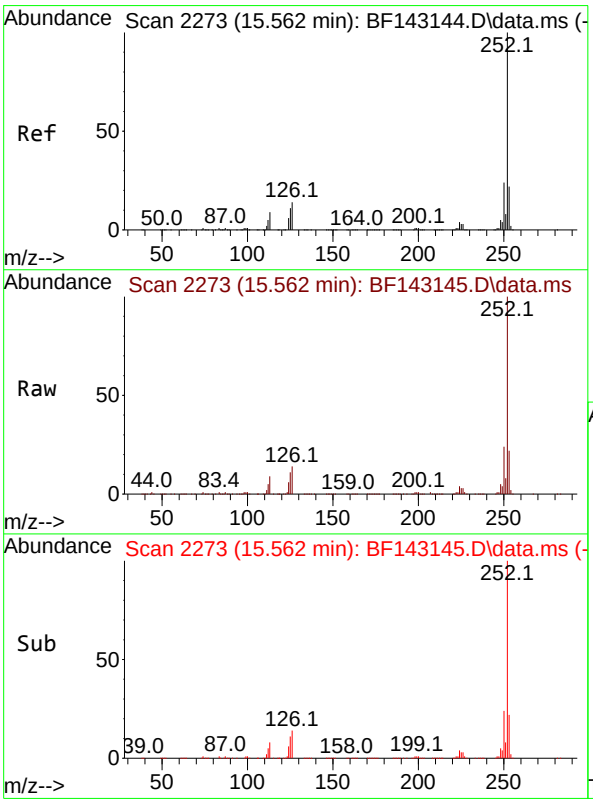

#89
Benzo(k)fluoranthene
Concen: 49.024 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:252 Resp: 754417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 10.5 | 8.1 | 12.1 |

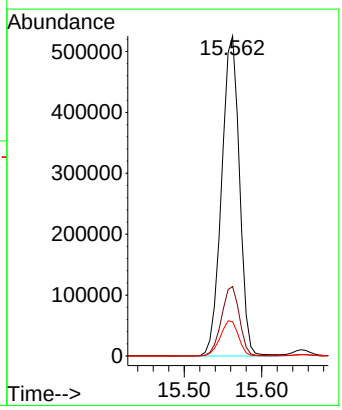


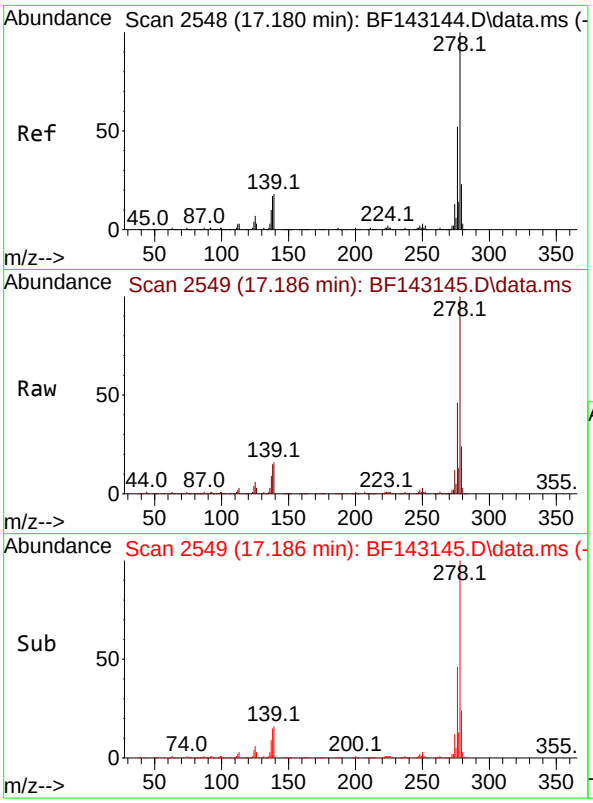




#90
Benzo(a)pyrene
Concen: 52.928 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 840968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.3 | 25.9 |
| 125 | 10.7 | 8.6 | 13.0 |



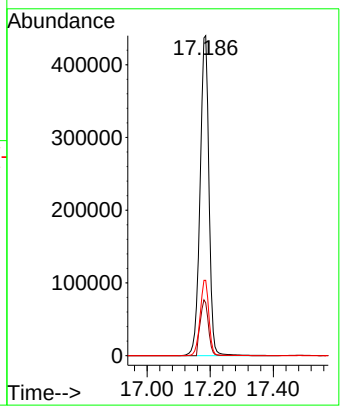


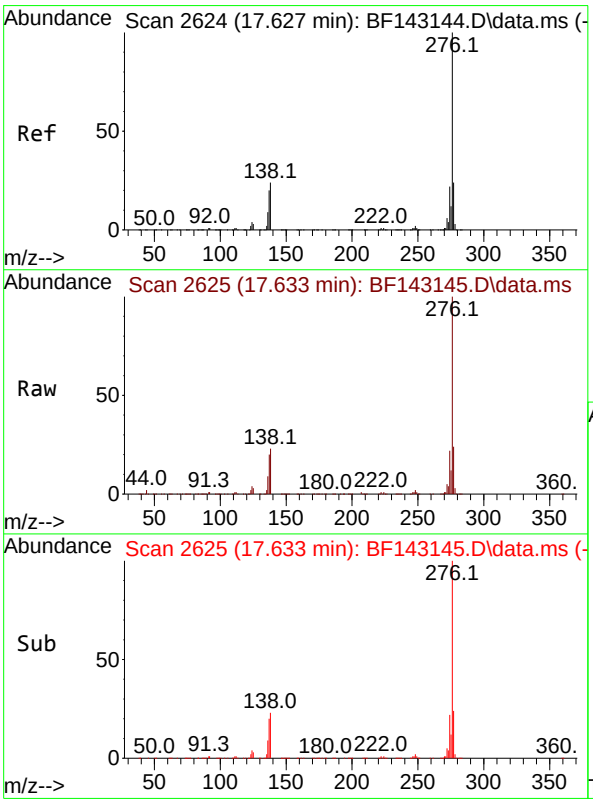

#91
Dibenzo(a,h)anthracene
Concen: 53.172 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Tgt Ion:278 Resp: 861467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.5 | 14.1 | 21.1 |
| 279 | 23.5 | 18.6 | 28.0 |

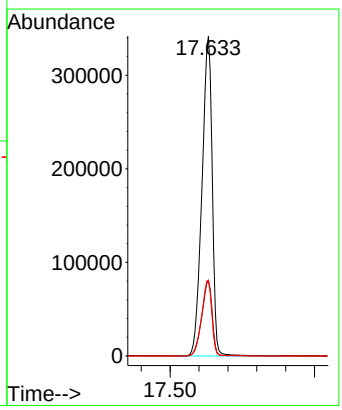



#92
Benzo(g,h,i)perylene
Concen: 53.845 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:276 Resp: 843865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.1 | 28.7 |
| 138 | 23.5 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 153150 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 573541 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 286544 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 442888 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 264384 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 315904 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 1096776 | 113.327 | ng | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1384010 | 113.616 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 1367018 | 118.809 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 354678 | 119.817 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2274500 | 108.558 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1888544 | 106.298 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.805 | 88 | 268511 | 58.635 | ng | 99 |
| 3) Pyridine | 3.581 | 79 | 700860 | 58.965 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 369452 | 60.203 | ng | 99 |
| 6) Aniline | 6.628 | 93 | 982918 | 57.896 | ng | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 589870 | 58.147 | ng | 98 |
| 9) Benzaldehyde | 6.516 | 77 | 515585 | 56.445 | ng | 99 |
| 10) Phenol | 6.604 | 94 | 797860 | 60.123 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 588491 | 57.918 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 625605 | 56.769 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 623375 | 56.171 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 598571 | 56.708 | ng | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 548155 | 58.934 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 1076628 | 57.120 | ng | 98 |
| 17) 2-Methylphenol | 7.210 | 107 | 498077 | 58.393 | ng | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 225488 | 58.691 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 437750 | 56.012 | ng | 100 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 582354 | 56.273 | ng | 96 |
| 22) Acetophenone | 7.375 | 105 | 760969 | 56.041 | ng | 99 |
| 24) Nitrobenzene | 7.545 | 77 | 641832 | 59.832 | ng | 99 |
| 25) Isophorone | 7.787 | 82 | 1202506 | 59.202 | ng | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 304218 | 65.345 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 548823 | 57.833 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.992 | 93 | 696403 | 57.184 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 466809 | 58.329 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 498478 | 57.653 | ng | 99 |
| 31) Naphthalene | 8.269 | 128 | 1575696 | 55.784 | ng | 99 |
| 32) Benzoic acid | 8.010 | 122 | 321703 | 58.961 | ng | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 659467 | 57.178 | ng | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 307552 | 58.230 | ng | 99 |
| 35) Caprolactam | 8.692 | 113 | 145894 | 60.327 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.787 | 107 | 506142 | 58.186 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 966031 | 56.203 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 997009 | 56.329 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 479450 | 57.955 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 337833 | 62.761 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 344941 | 60.246 | ng | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 339656 | 59.305 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 1265588 | 56.610 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 948912 | 57.364 | ng | 100 |
| 48) 2-Nitroaniline | 9.534 | 65 | 331501 | 63.904 | ng | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1576240 | 56.860 | ng | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 1075052 | 57.558 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 238103 | 62.665 | ng | 97 |
| 52) Acenaphthene | 10.039 | 154 | 930883 | 56.814 | ng | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 273506 | 61.542 | ng | 100 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 101491 | 60.690 | ng | 72 |
| 55) Dibenzofuran | 10.210 | 168 | 1364531 | 56.093 | ng | 100 |
| 56) 4-Nitrophenol | 10.092 | 139 | 203477 | 61.312 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 304460 | 63.868 | ng | 97 |
| 58) Fluorene | 10.551 | 166 | 997710 | 54.647 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 283124 | 59.678 | ng | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 1057851 | 57.301 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 516980 | 56.867 | ng | 99 |
| 62) 4-Nitroaniline | 10.563 | 138 | 232488 | 61.037 | ng | 98 |
| 63) Azobenzene | 10.698 | 77 | 1098772 | 57.107 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 144751 | 60.728 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 910468 | 58.380 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 318085 | 60.266 | ng | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 325779 | 59.054 | ng | 96 |
| 69) Atrazine | 11.181 | 200 | 262374 | 61.024 | ng | 100 |
| 70) Pentachlorophenol | 11.286 | 266 | 206417 | 63.625 | ng | 98 |
| 71) Phenanthrene | 11.510 | 178 | 1331485 | 56.620 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1379601 | 57.522 | ng | 100 |
| 73) Carbazole | 11.710 | 167 | 1194026 | 57.015 | ng | 100 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1392335 | 58.757 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1232952 | 57.122 | ng | 99 |
| 77) Benzidine | 12.810 | 184 | 476553 | 46.785 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 1207978 | 53.536 | ng | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 441334 | 63.875 | ng | 99 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 1041236 | 58.825 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.069 | 252 | 348979 | 59.155 | ng | 100 |
| 83) Chrysene | 14.151 | 228 | 930545 | 58.472 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 655482 | 62.678 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 1196044 | 63.095 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 1337361 | 60.037 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 1125667 | 58.328 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 1023132 | 59.411 | ng | 99 |
| 90) Benzo(a)pyrene | 15.563 | 252 | 1062049 | 59.730 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 1080768 | 59.610 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.639 | 276 | 1055168 | 60.163 | ng | 99 |

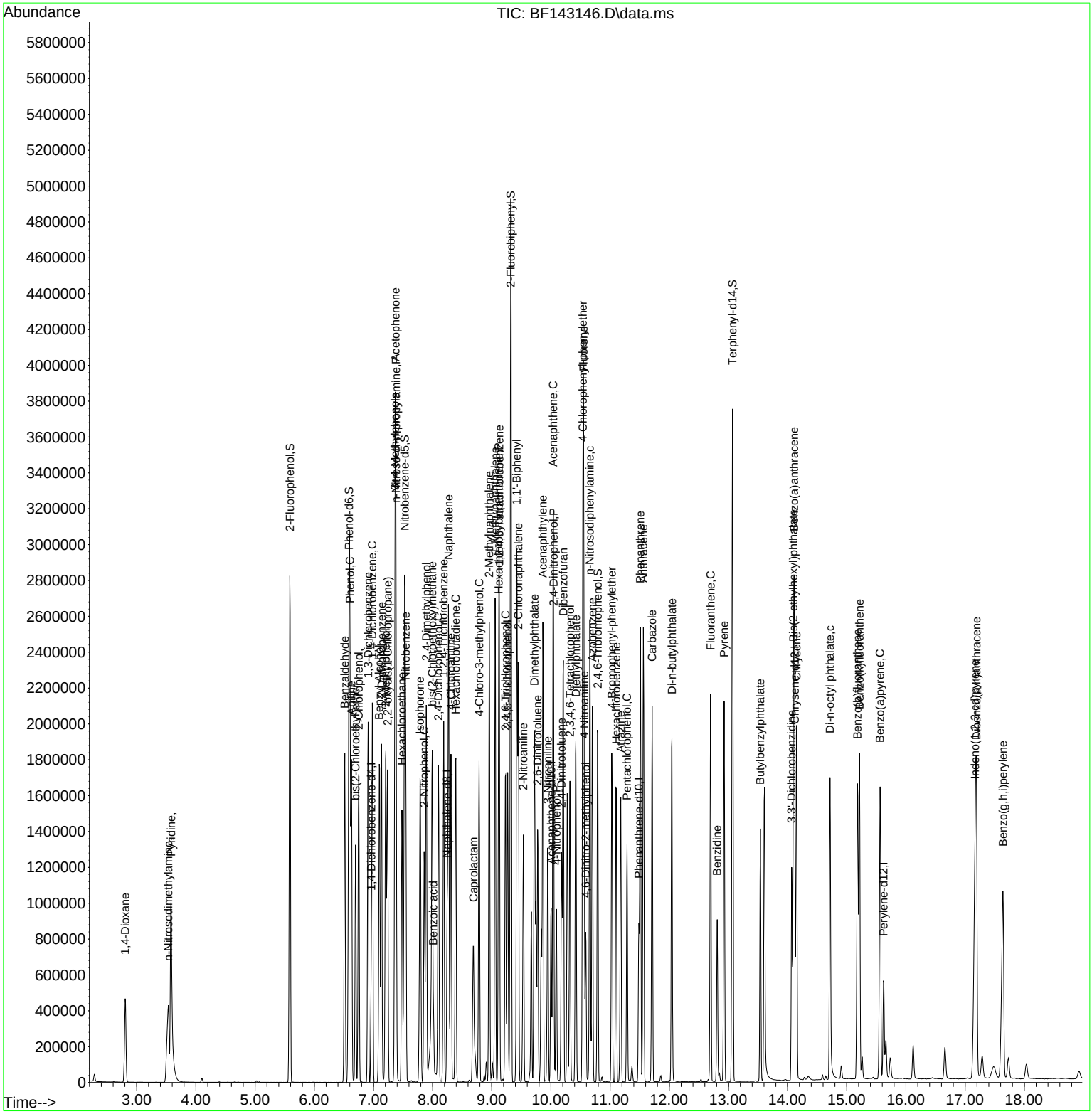
(#) = qualifier out of range (m) = manual integration (+) = signals summed

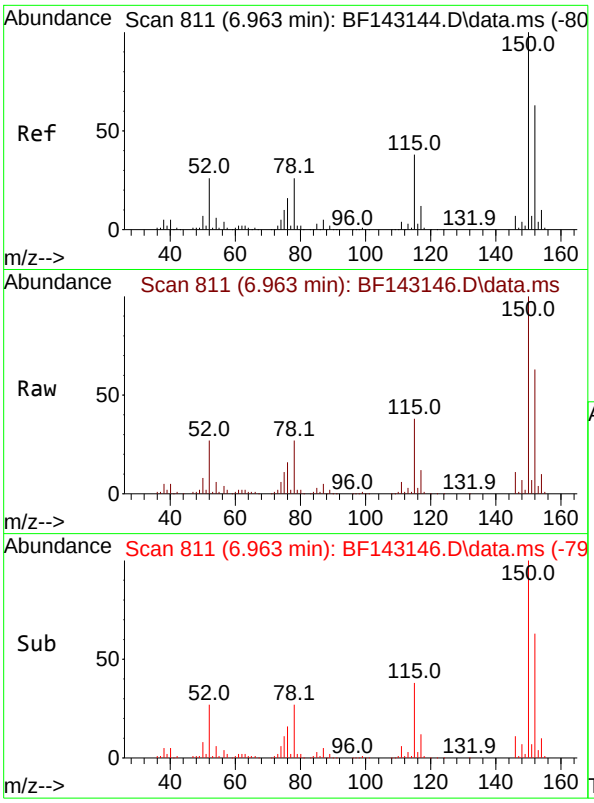
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



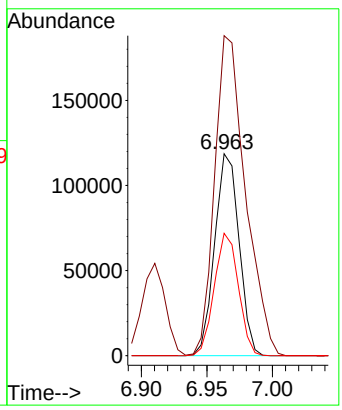


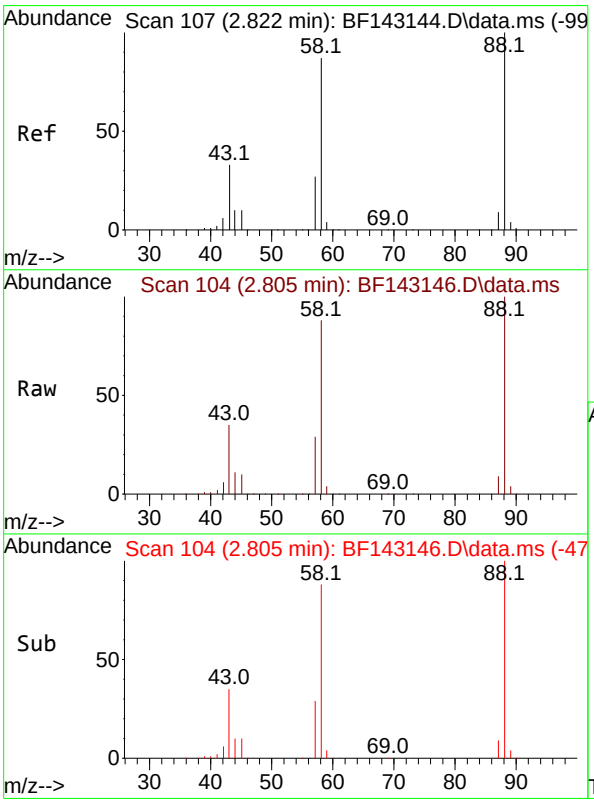

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 153150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 128.2 | 192.4 |
| 115 | 60.7 | 47.9 | 71.9 |

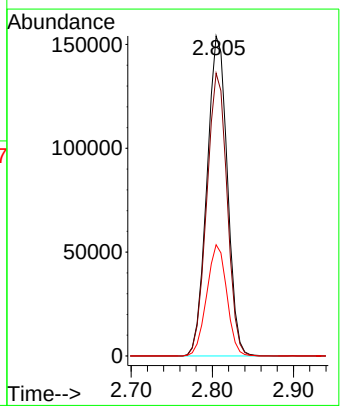


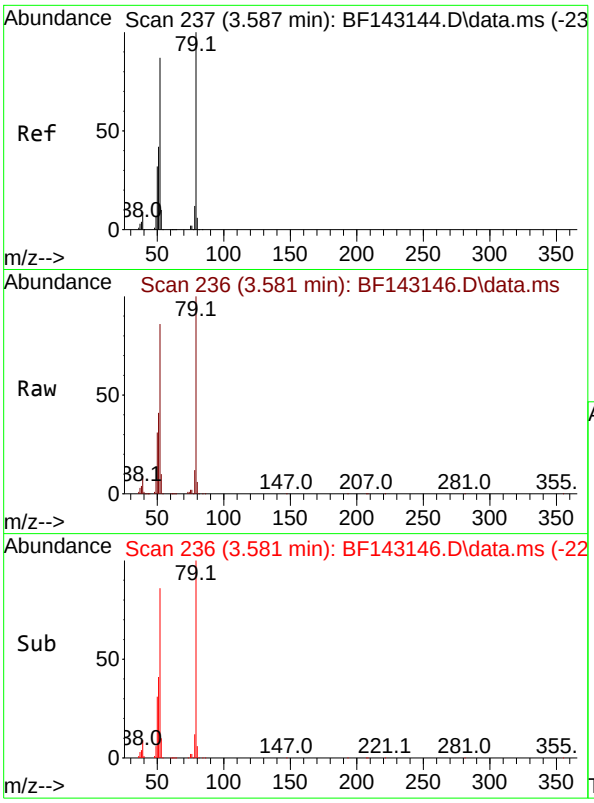




#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 88 Resp: 268511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.2 | 70.2 | 105.2 |
| 43 | 34.2 | 27.1 | 40.7 |



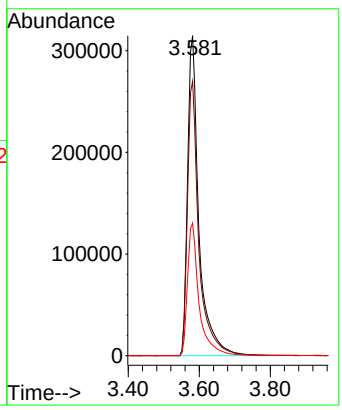


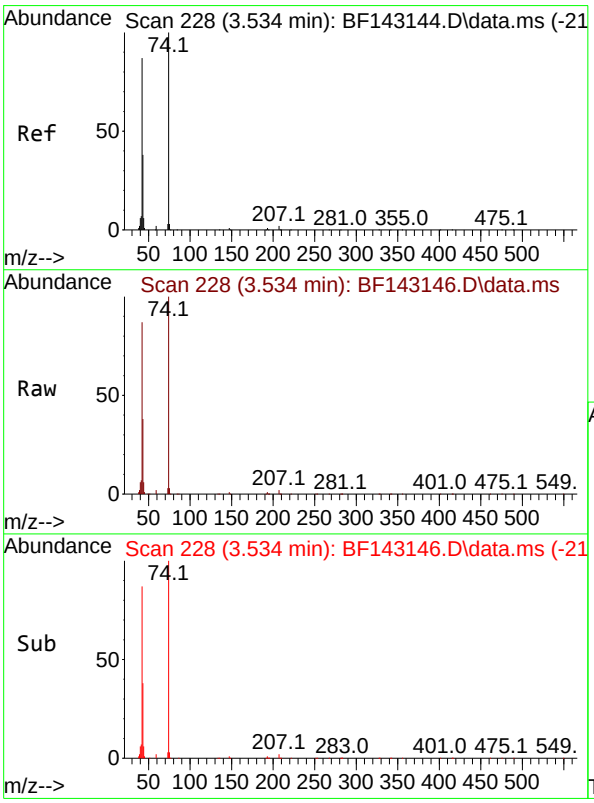

#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 700860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.7 | 69.4 | 104.2 |
| 51 | 41.4 | 33.5 | 50.3 |

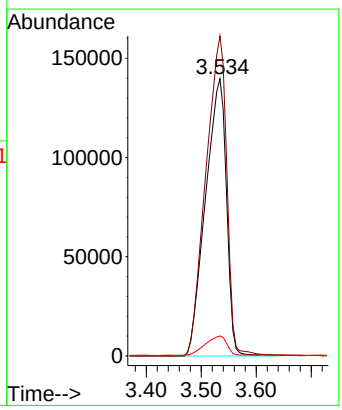


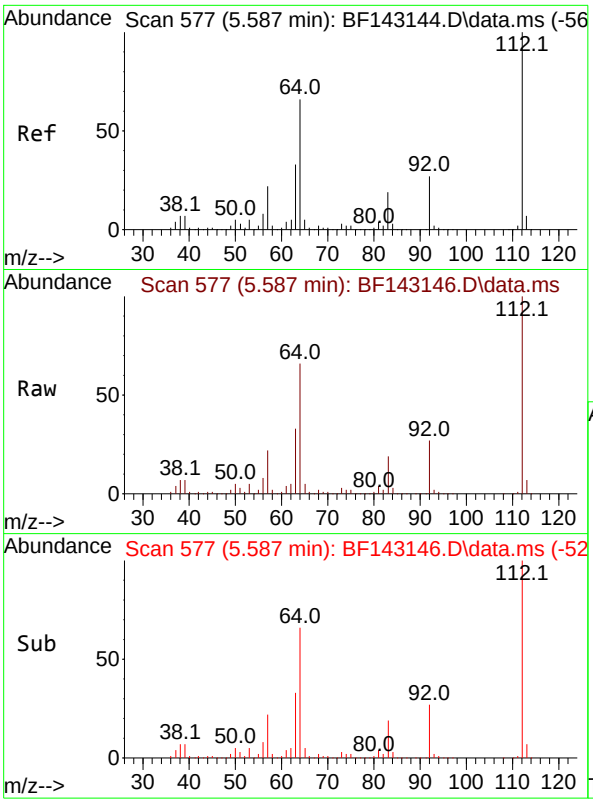




#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 42 Resp: 369452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.5 | 91.7 | 137.5 |
| 44 | 7.2 | 5.6 | 8.4 |



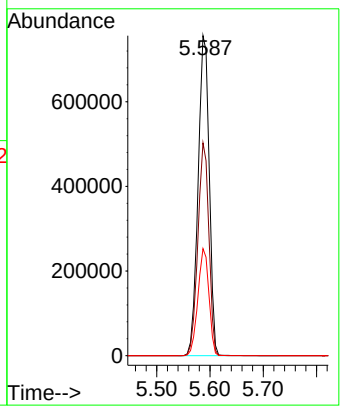


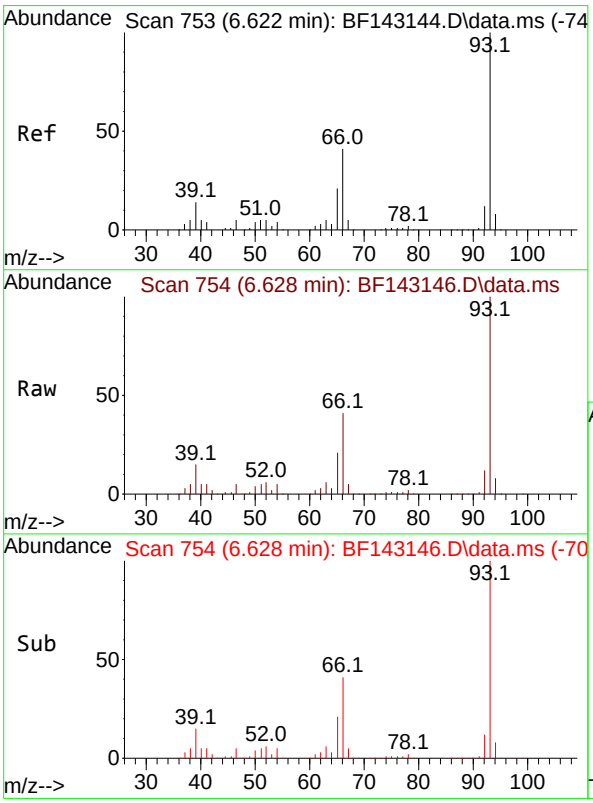

#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:112 Resp: 1096776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.5 | 53.1 | 79.7 |
| 63 | 33.4 | 26.6 | 40.0 |

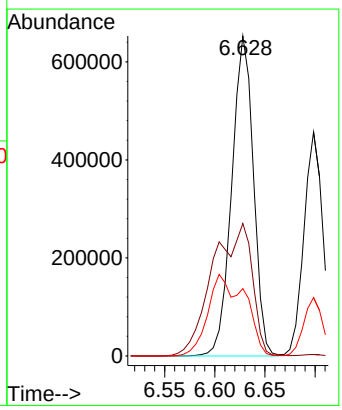


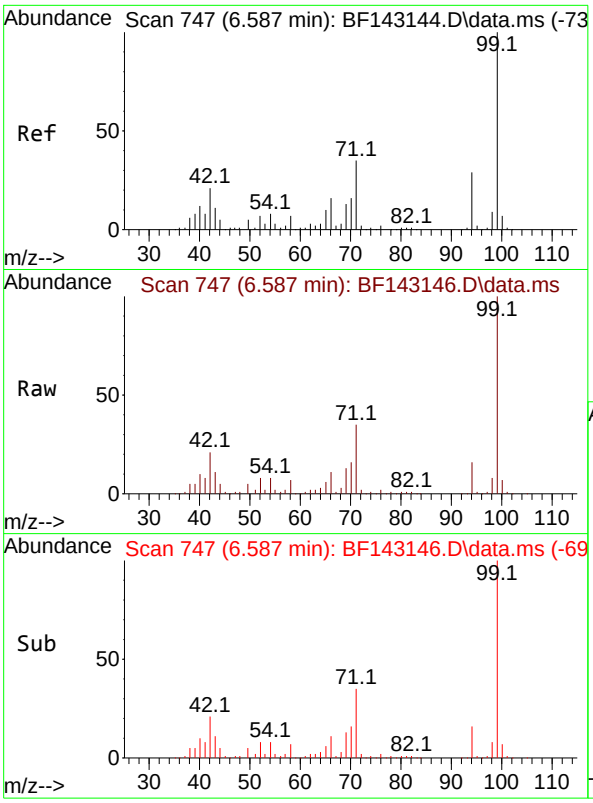




#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.4 | 33.2 | 49.8 |
| 65 | 21.0 | 16.9 | 25.3 |



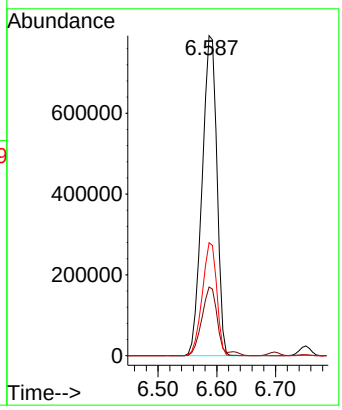


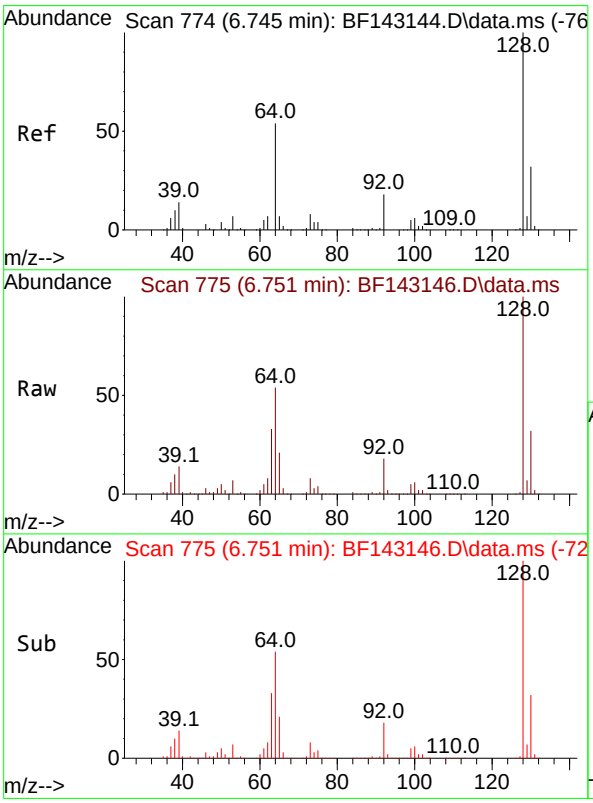

#7
Phenol-d6
Concen: 113.616 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 99 Resp: 1384010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 17.0 | 25.6 |
| 71 | 35.3 | 27.7 | 41.5 |

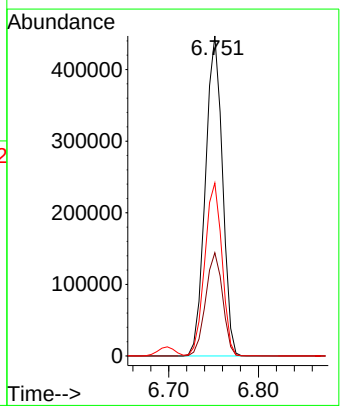


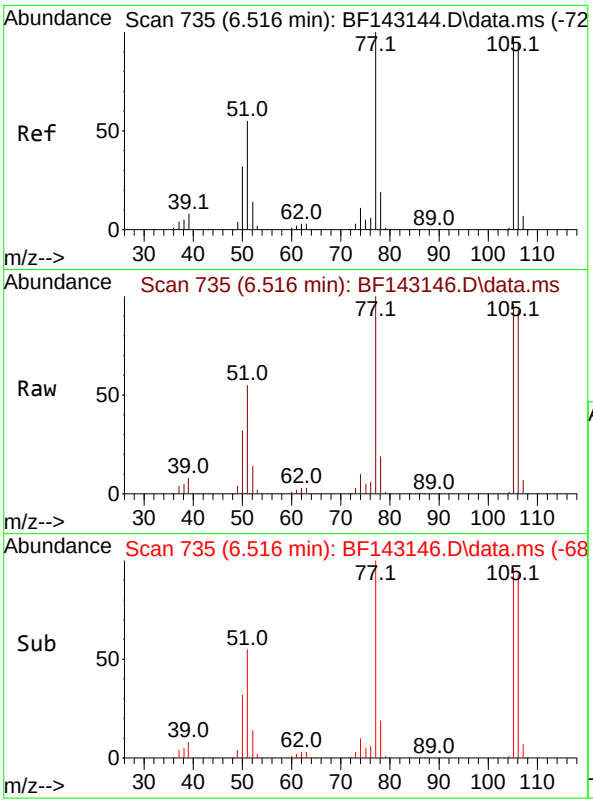




#8
2-Chlorophenol
Concen: 58.147 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:128 Resp: 589870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.3 | 52.3 |
| 64 | 54.0 | 35.9 | 75.9 |



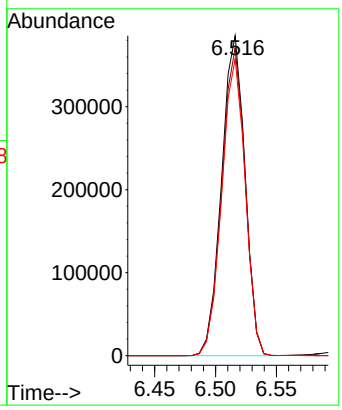


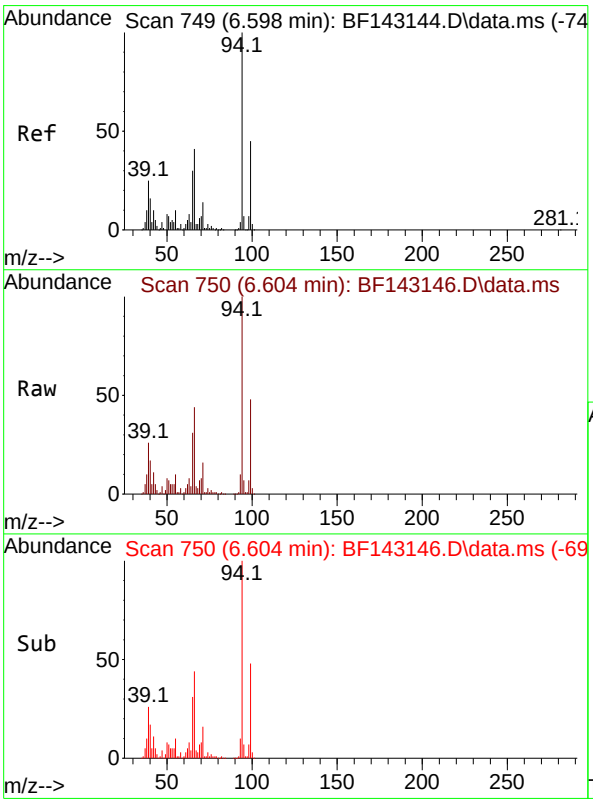

#9
Benzaldehyde
Concen: 56.445 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 515585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.1 | 76.8 | 116.8 |
| 106 | 92.7 | 74.4 | 114.4 |

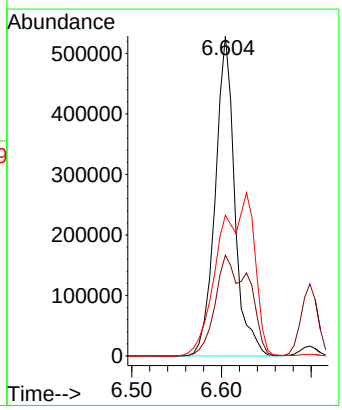


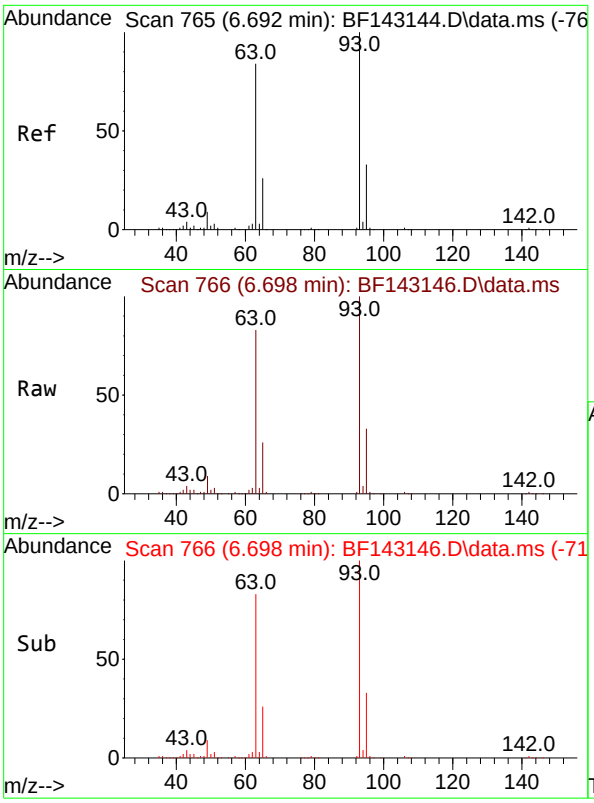




#10
Phenol
Concen: 60.123 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 94 Resp: 797860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.5 | 10.0 | 50.0 |
| 66 | 44.0 | 20.8 | 60.8 |



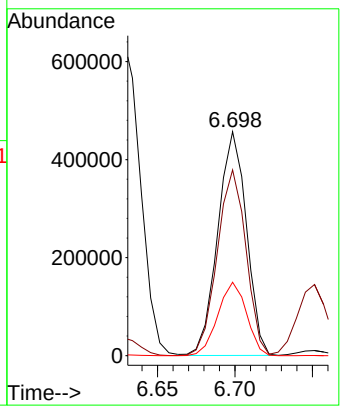


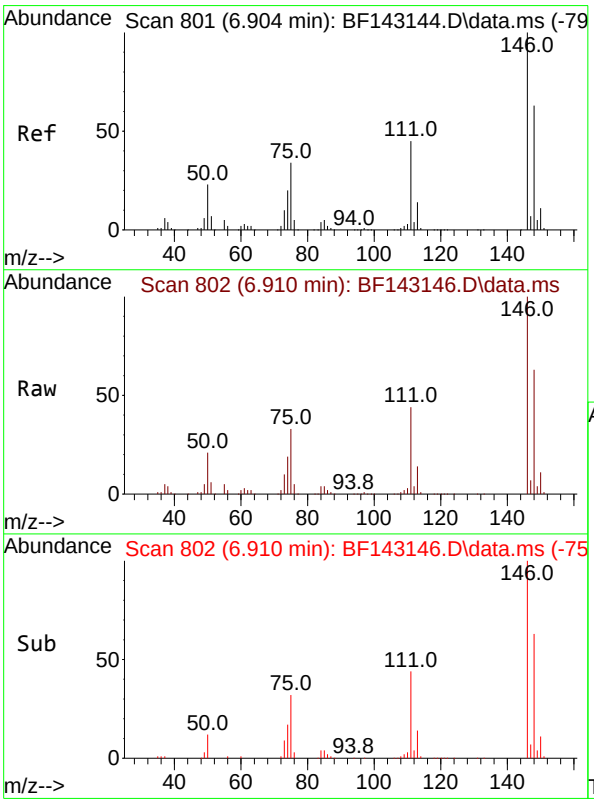

#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 93 Resp: 588491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.9 | 63.4 | 103.4 |
| 95 | 32.8 | 12.4 | 52.4 |

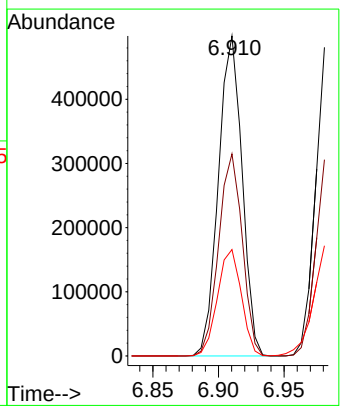


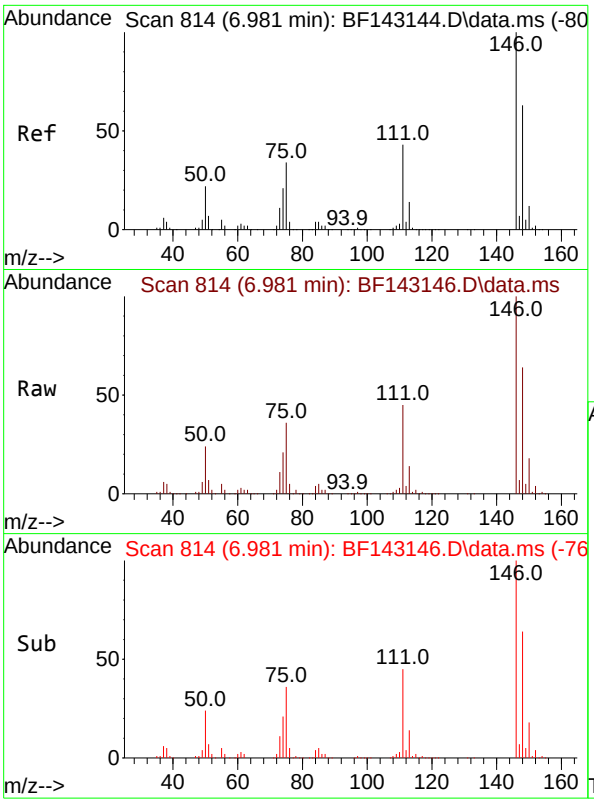




#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.6 | 76.0 |
| 75 | 33.2 | 27.4 | 41.2 |



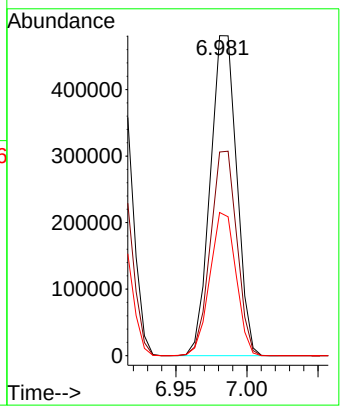


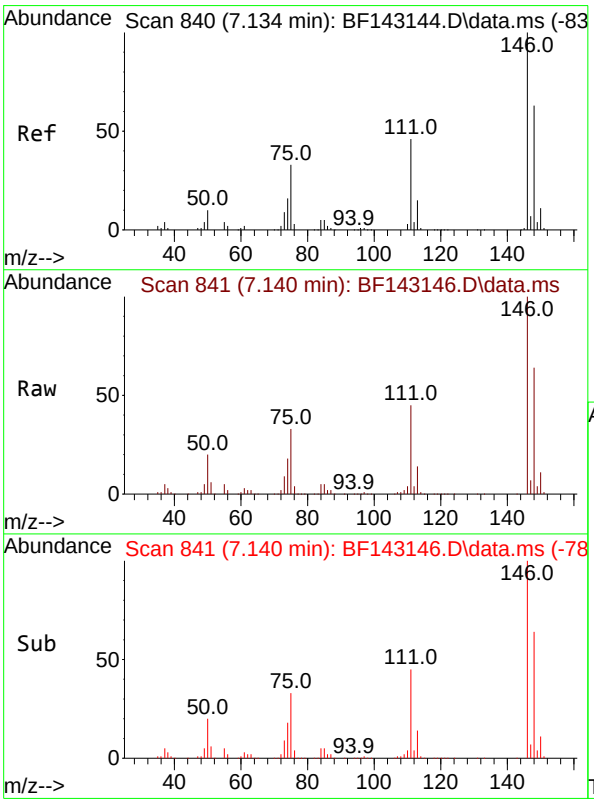

#13
1,4-Dichlorobenzene
Concen: 56.171 ng
RT: 6.981 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:146 Resp: 623375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.3 | 75.5 |
| 111 | 44.7 | 34.4 | 51.6 |

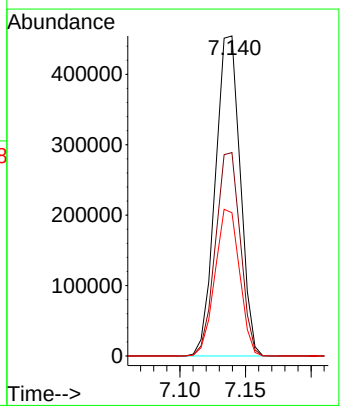


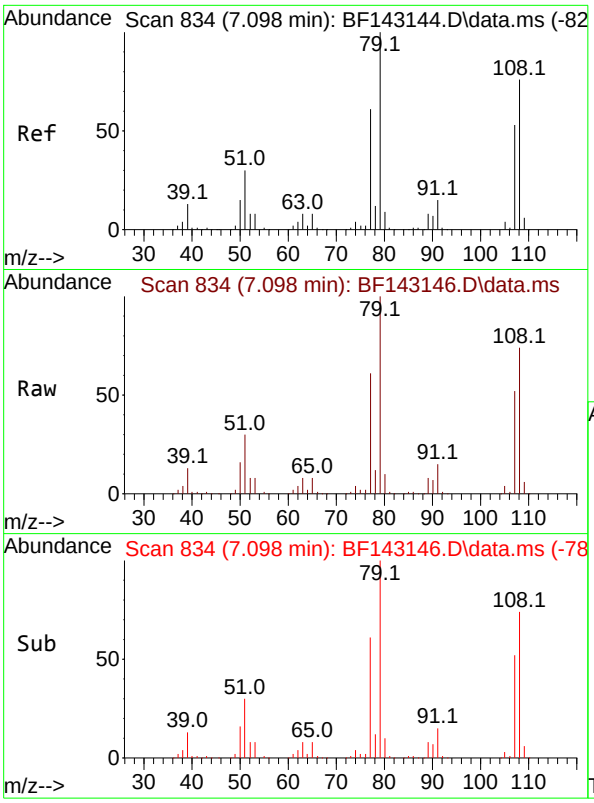




#14
1,2-Dichlorobenzene
Concen: 56.708 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 598571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.7 | 76.1 |
| 111 | 44.8 | 36.6 | 54.8 |



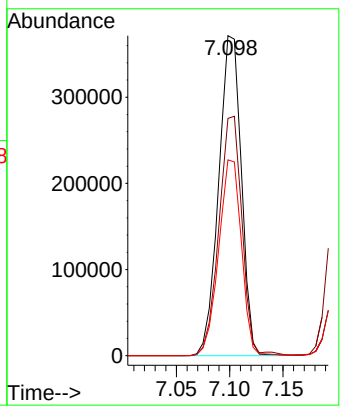


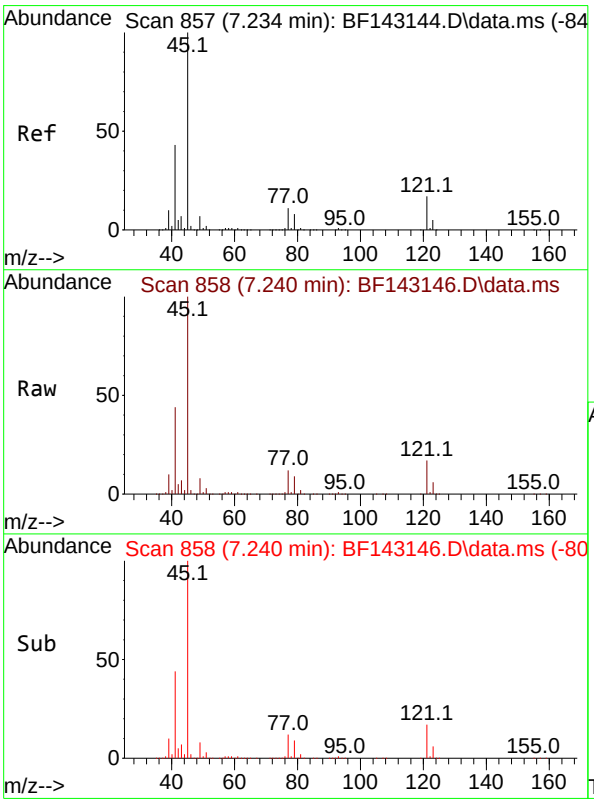

#15
Benzyl Alcohol
Concen: 58.934 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 79 Resp: 548155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.2 | 61.1 | 91.7 |
| 77 | 61.2 | 48.9 | 73.3 |

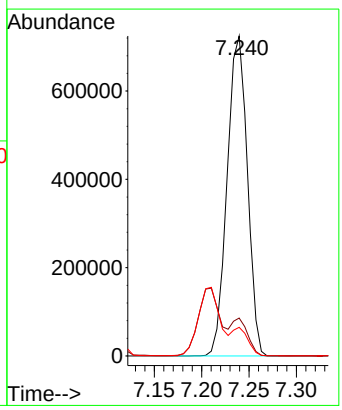


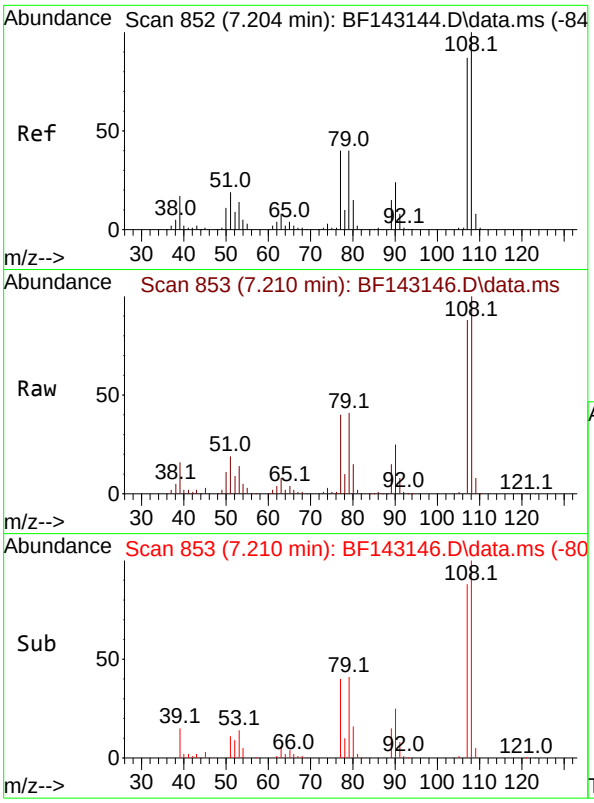




#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.120 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 45 Resp: 1076628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.8 | 0.0 | 31.2 |
| 79 | 9.0 | 0.0 | 28.5 |



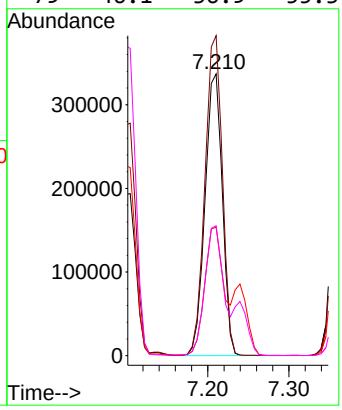


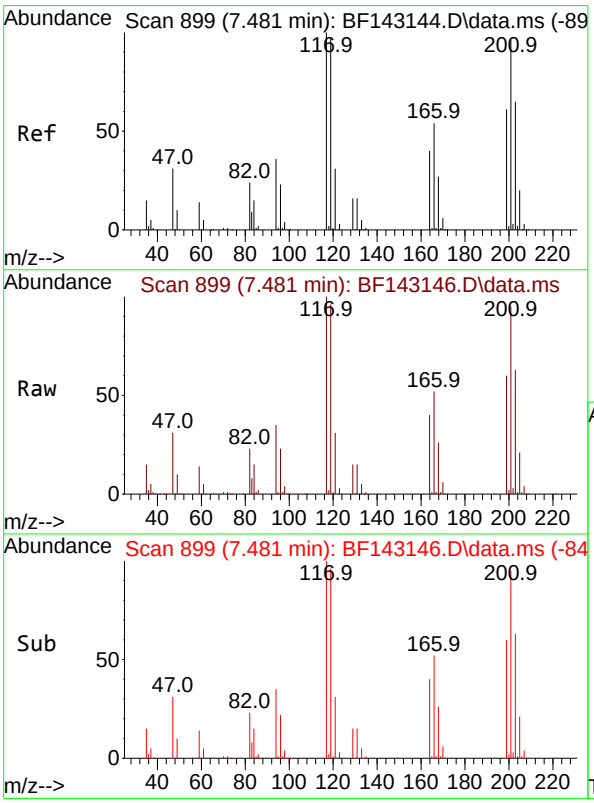

#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:107 Resp: 498077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 91.8 | 137.6 |
| 77 | 45.6 | 37.0 | 55.6 |
| 79 | 46.1 | 36.9 | 55.3 |

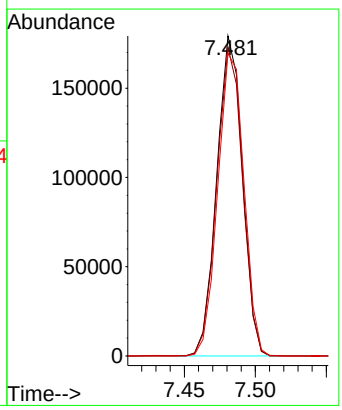


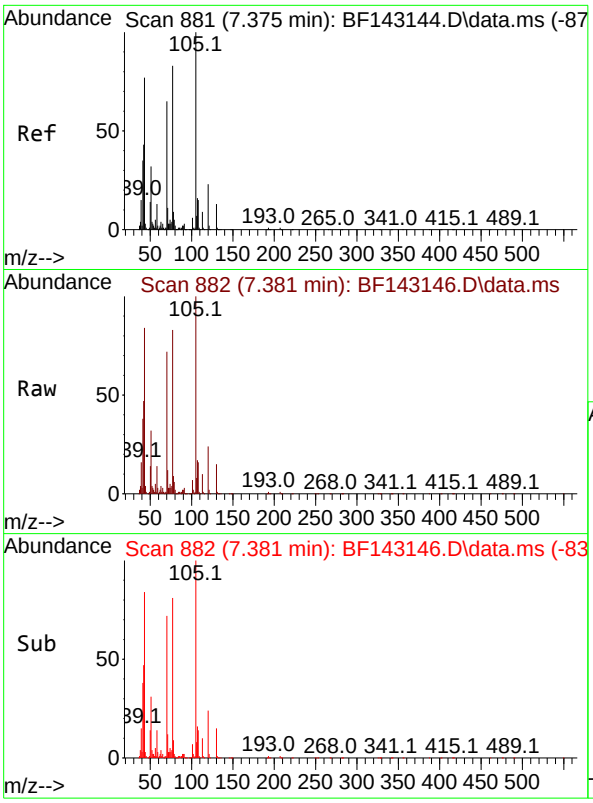




#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.8 | 116.8 |
| 201 | 94.6 | 77.0 | 115.4 |



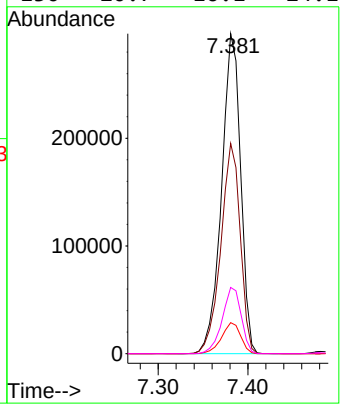


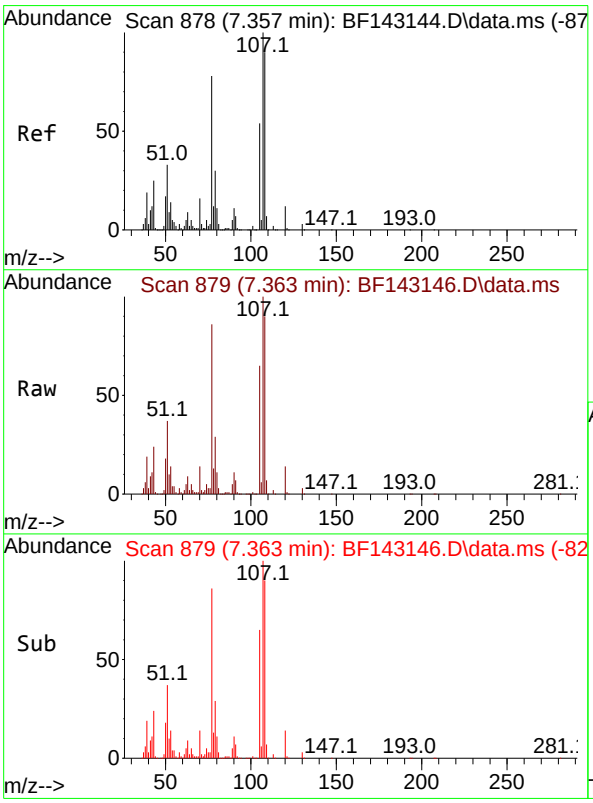

#19
n-Nitroso-di-n-propylamine
Concen: 56.012 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 70 Resp: 437750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.7 | 52.5 | 78.7 |
| 101 | 9.7 | 7.6 | 11.4 |
| 130 | 20.7 | 16.1 | 24.1 |

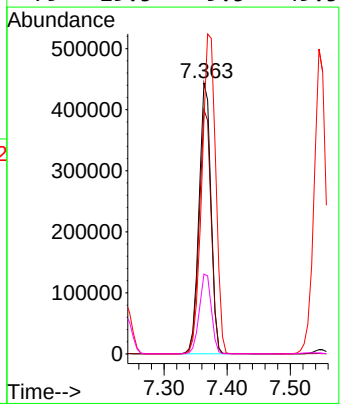


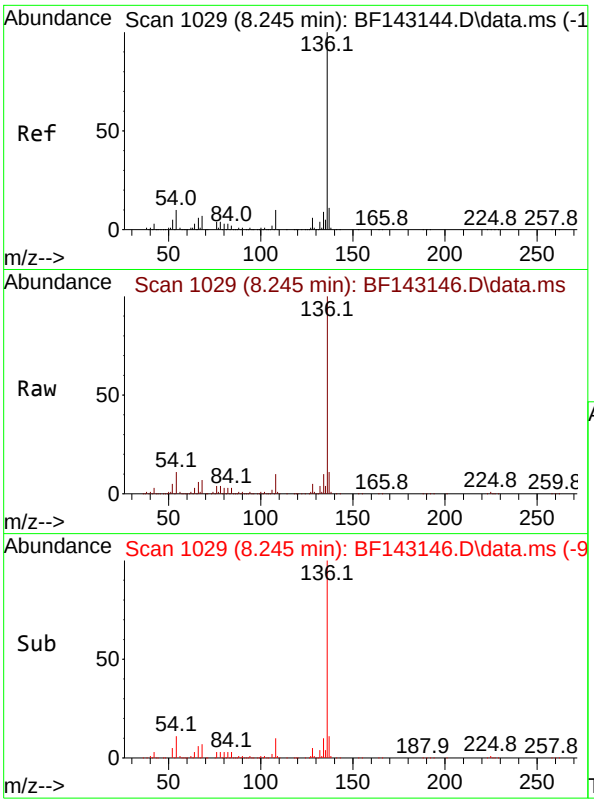




#20
3+4-Methylphenols
Concen: 56.273 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.1 | 70.0 | 110.0 |
| 77 | 86.3 | 57.8 | 97.8 |
| 79 | 29.5 | 9.5 | 49.5 |



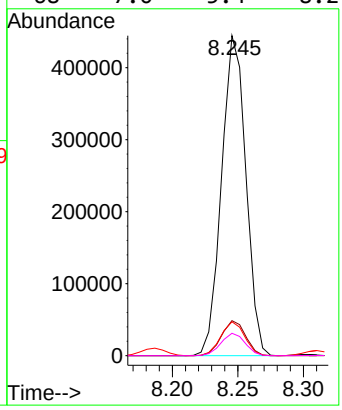


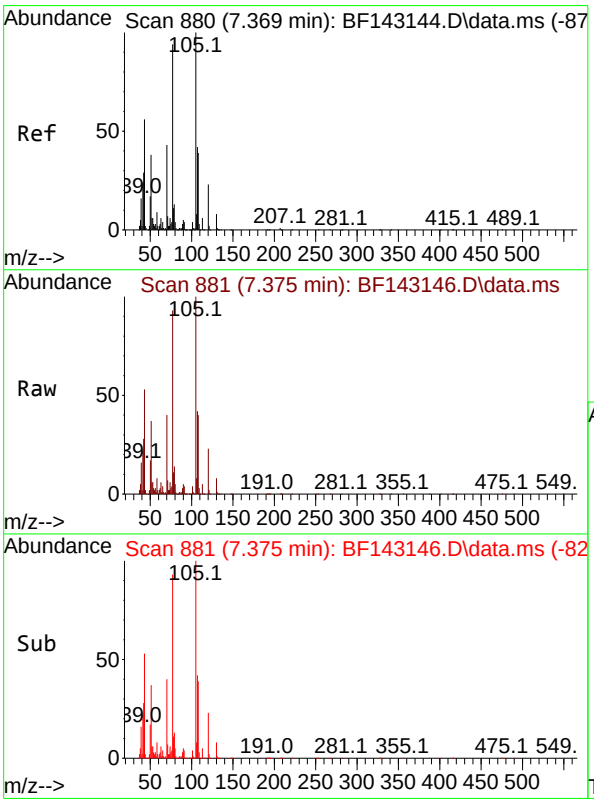

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:136 Resp: 573541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 7.0 | 5.4 | 8.2 |

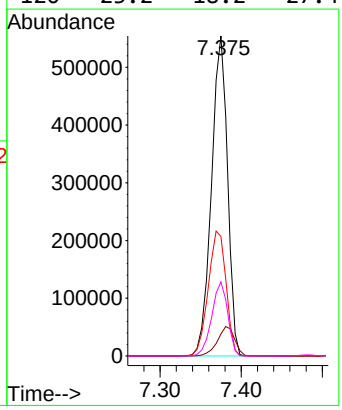


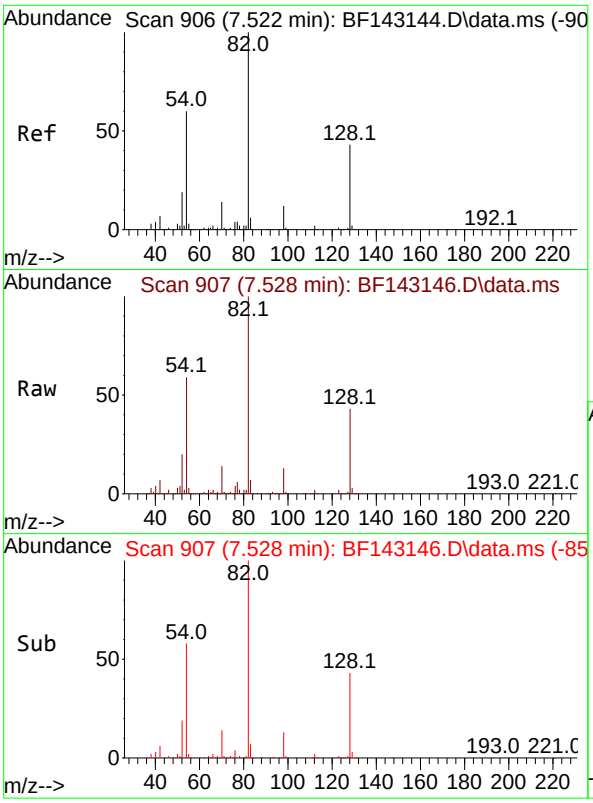




#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.9 | 5.8 | 8.6 |
| 51 | 37.4 | 30.2 | 45.2 |
| 120 | 23.2 | 18.2 | 27.4 |



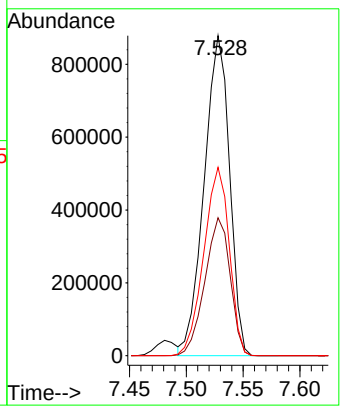


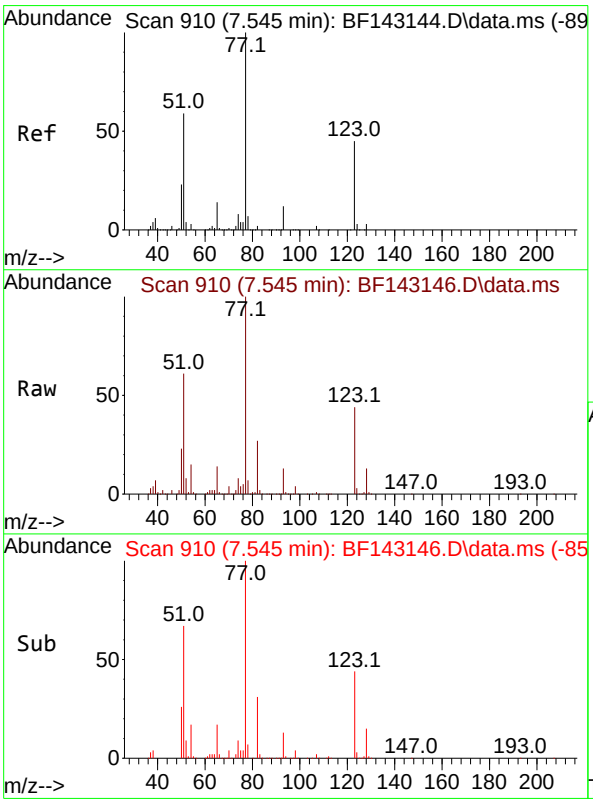

#23
Nitrobenzene-d5
Concen: 118.809 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 1367018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |

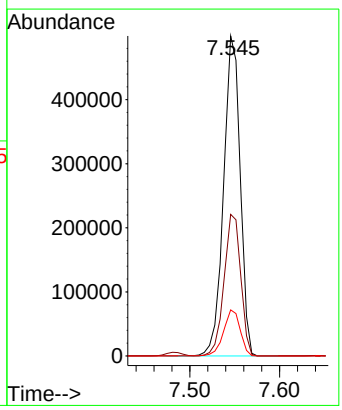


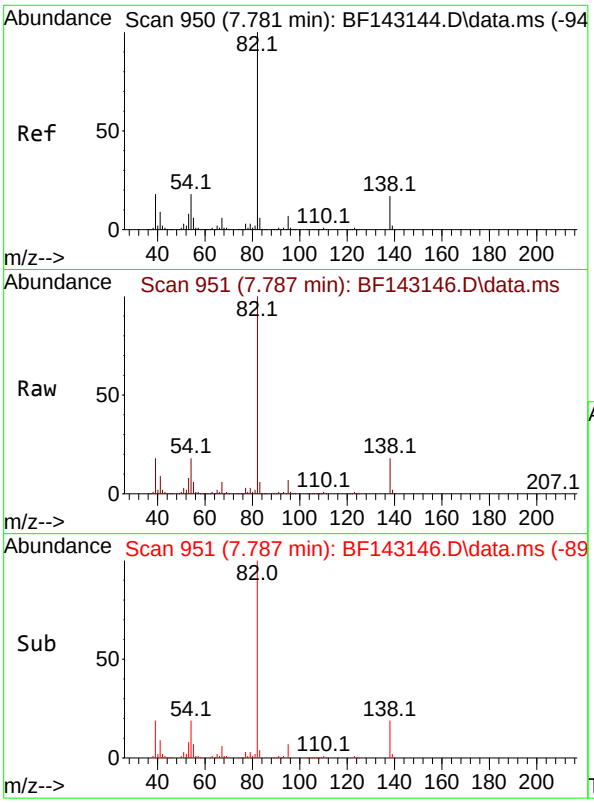




#24
Nitrobenzene
Concen: 59.832 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 77 Resp: 641832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.3 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |



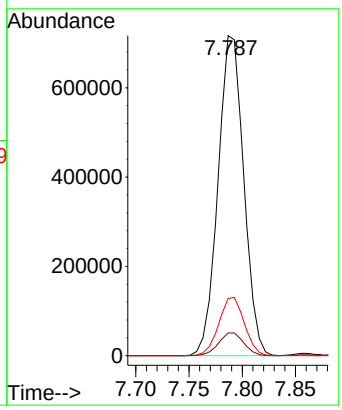


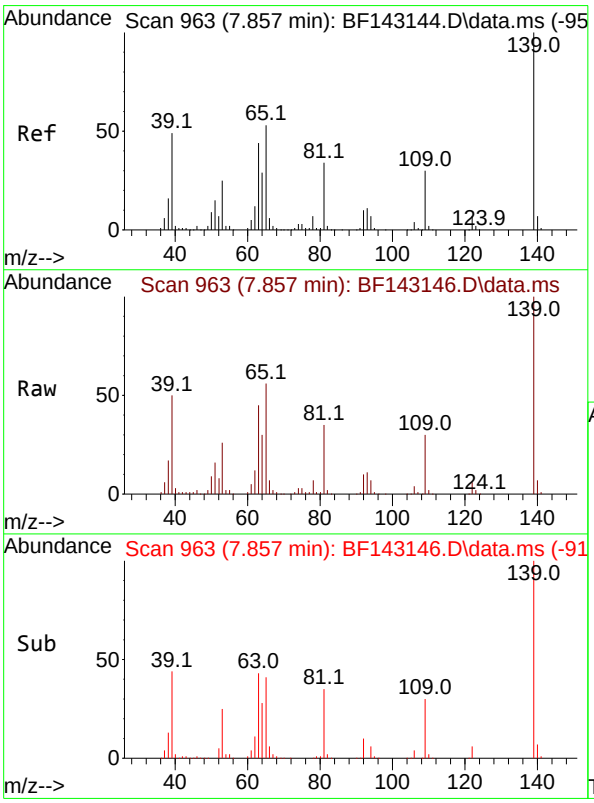

#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 82 Resp: 1202506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |

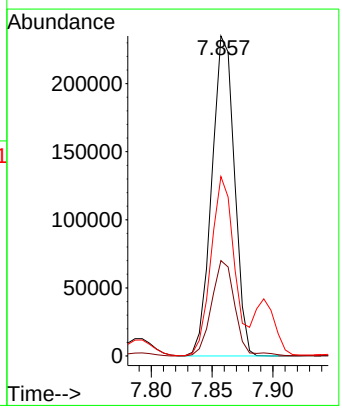


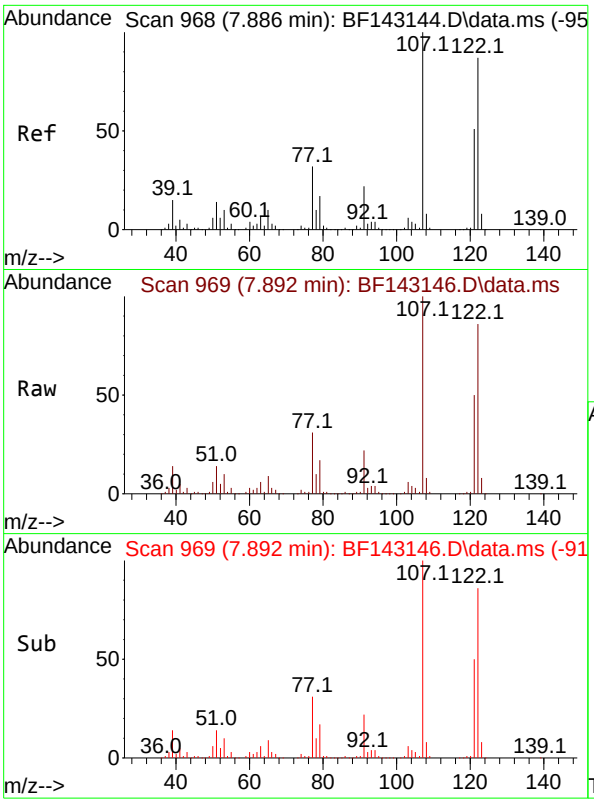




#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.8 | 23.6 | 35.4 |
| 65 | 56.0 | 42.6 | 64.0 |



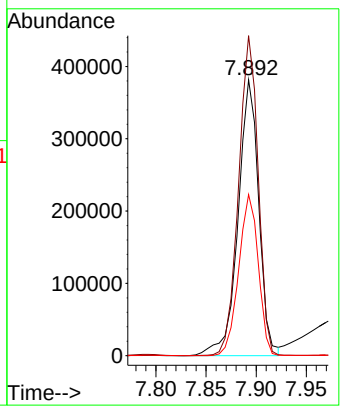


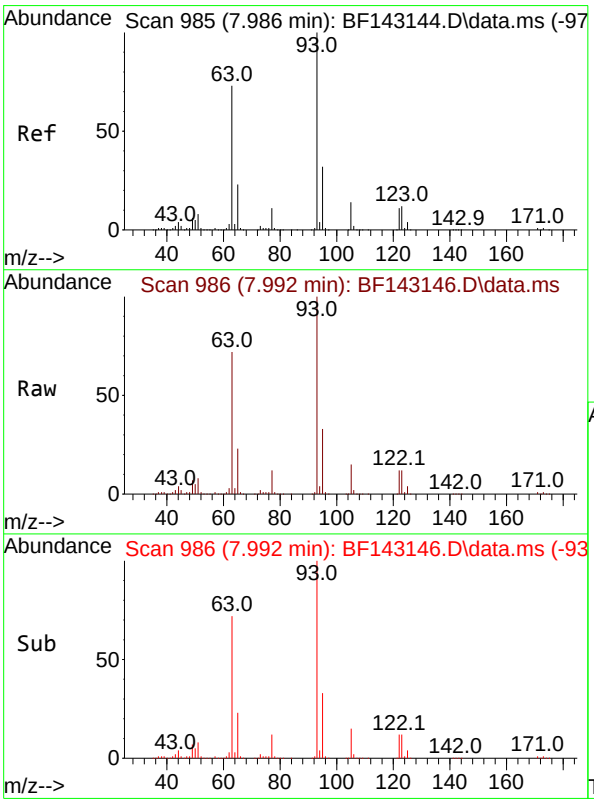

#27
2,4-Dimethylphenol
Concen: 57.833 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:122 Resp: 548823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.0 | 91.8 | 137.6 |
| 121 | 58.4 | 46.3 | 69.5 |

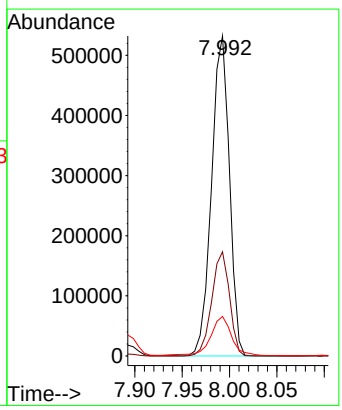


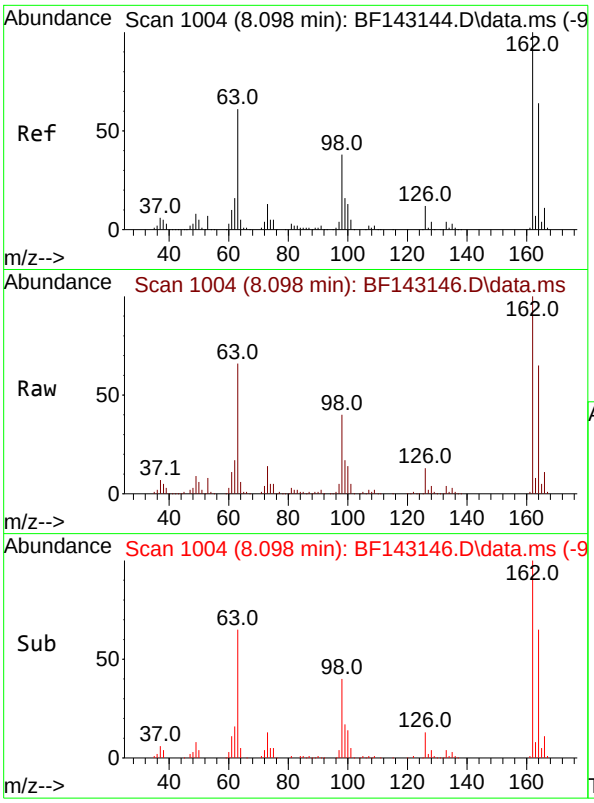




#28
bis(2-Chloroethoxy)methane
Concen: 57.184 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 696403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 25.8 | 38.6 |
| 123 | 12.4 | 9.7 | 14.5 |



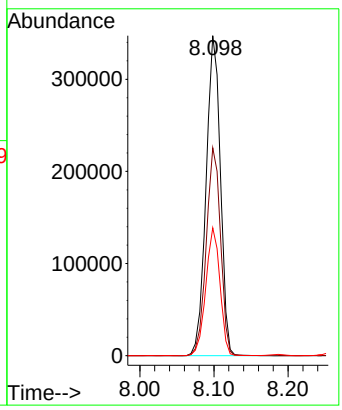


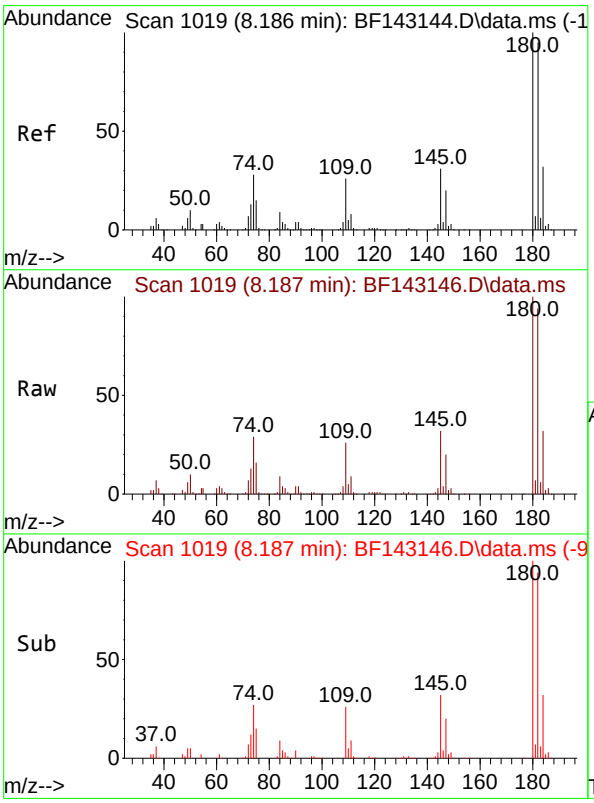

#29
2,4-Dichlorophenol
Concen: 58.329 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 466809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 44.2 | 84.2 |
| 98 | 39.9 | 17.9 | 57.9 |

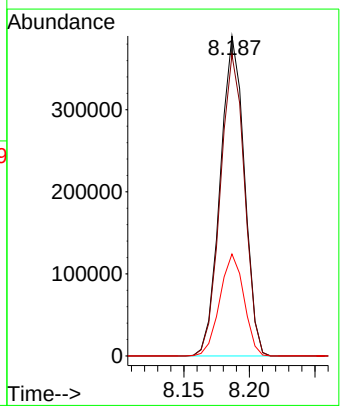


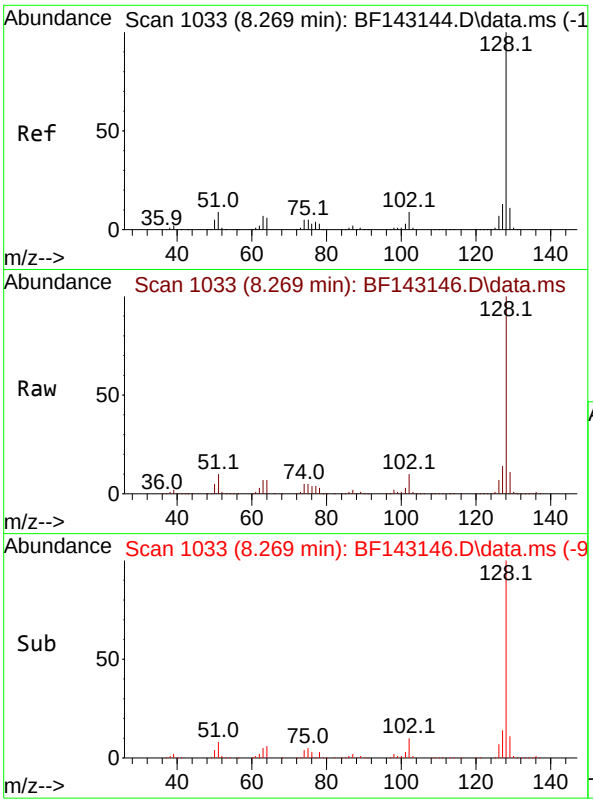




#30
1,2,4-Trichlorobenzene
Concen: 57.653 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:180 Resp: 498478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 31.8 | 25.0 | 37.6 |



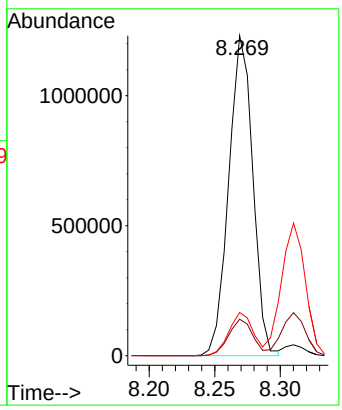


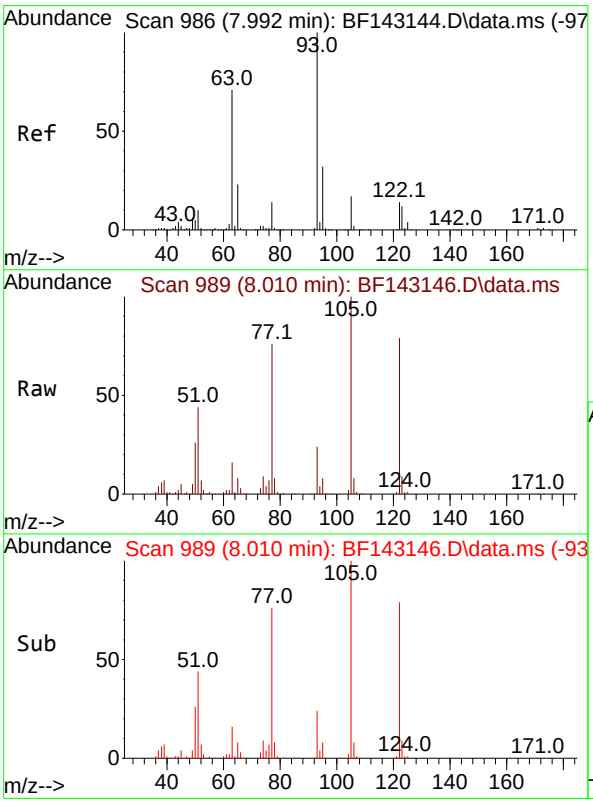

#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:128 Resp: 1575696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.5 | 10.6 | 16.0 |

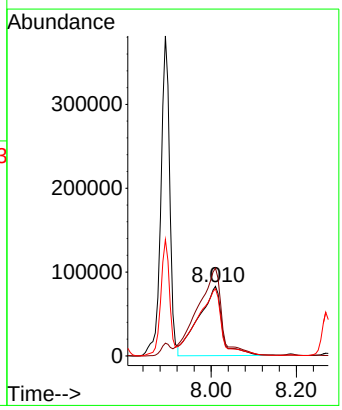


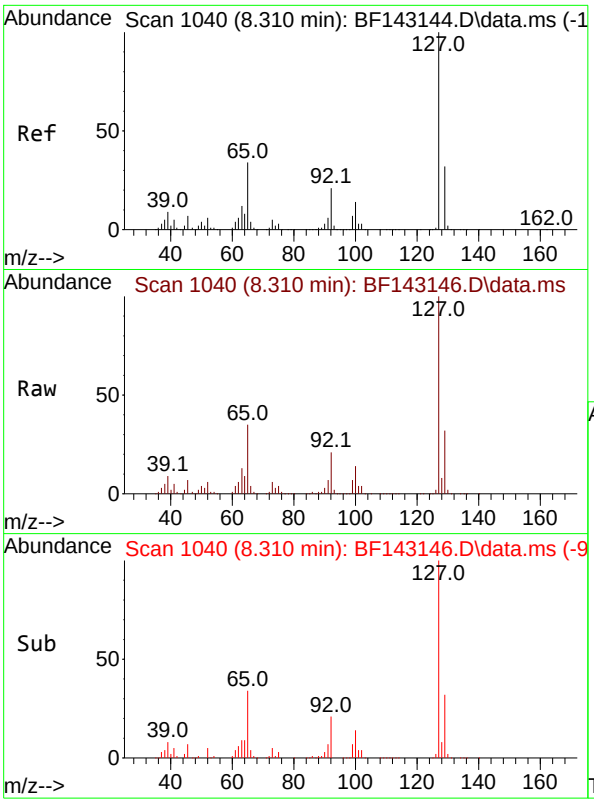




#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:122 Resp: 321703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.3 | 104.8 | 144.8 |
| 77 | 96.5 | 77.6 | 117.6 |



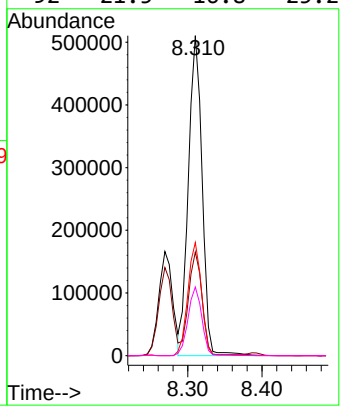


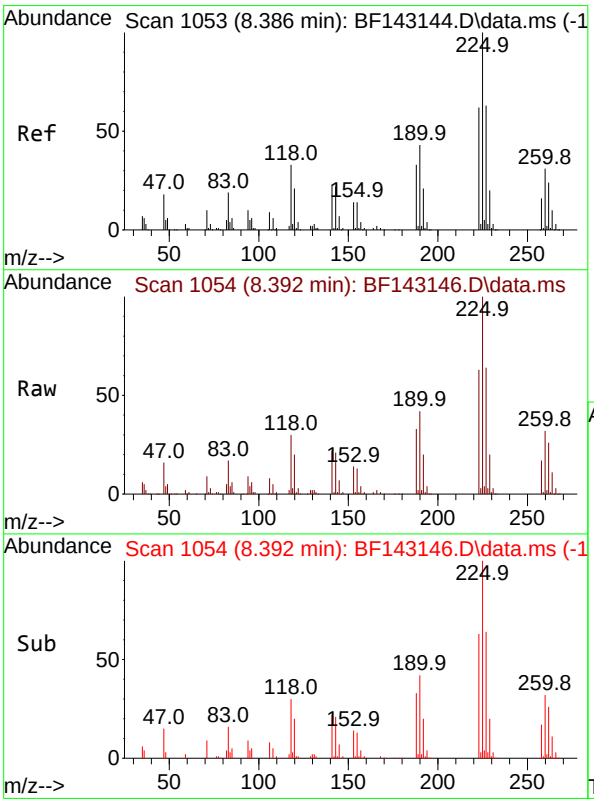

#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:127 Resp: 659467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 26.0 | 39.0 |
| 65 | 35.3 | 27.4 | 41.2 |
| 92 | 21.5 | 16.8 | 25.2 |

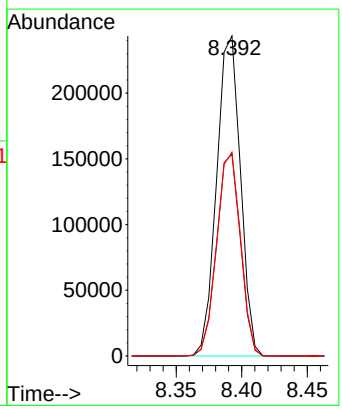


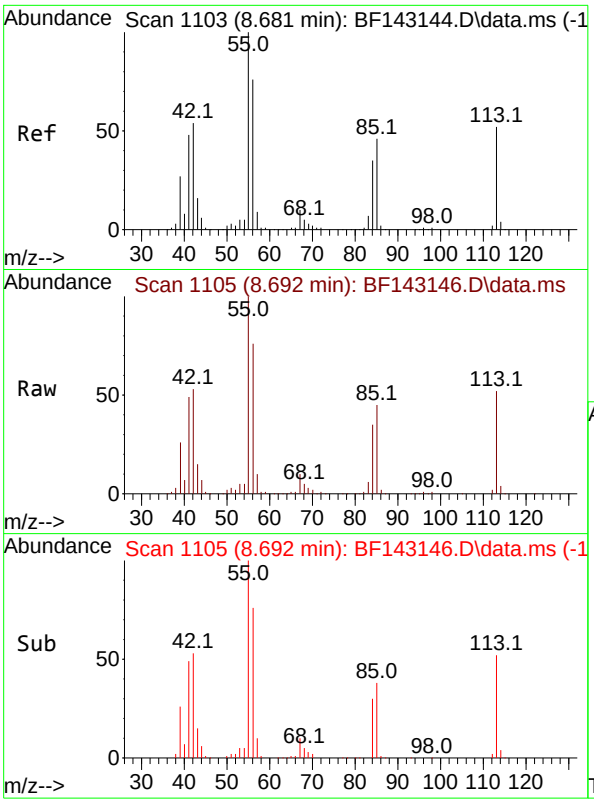




#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:225 Resp: 307552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |



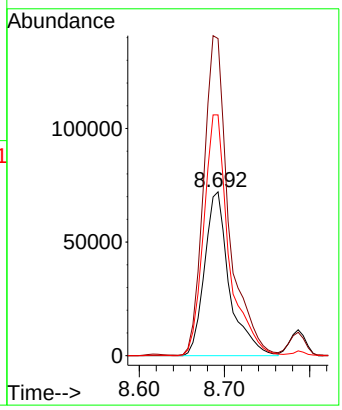


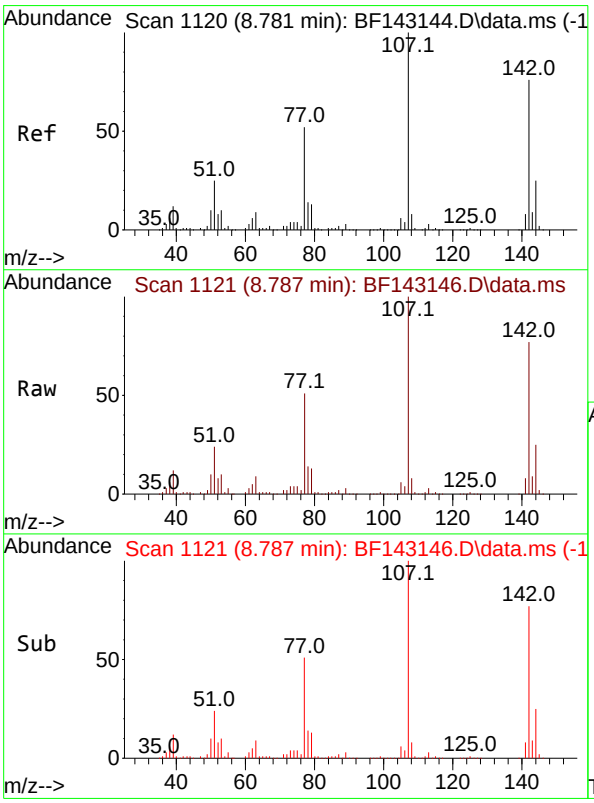

#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:113 Resp: 145894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.5 | 174.0 | 214.0 |
| 56 | 146.9 | 126.6 | 166.6 |

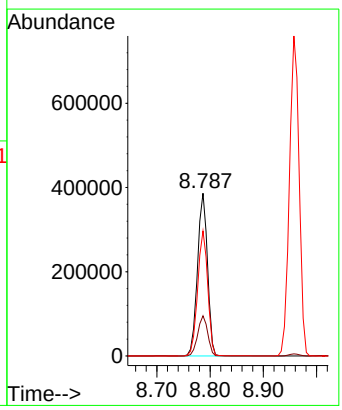


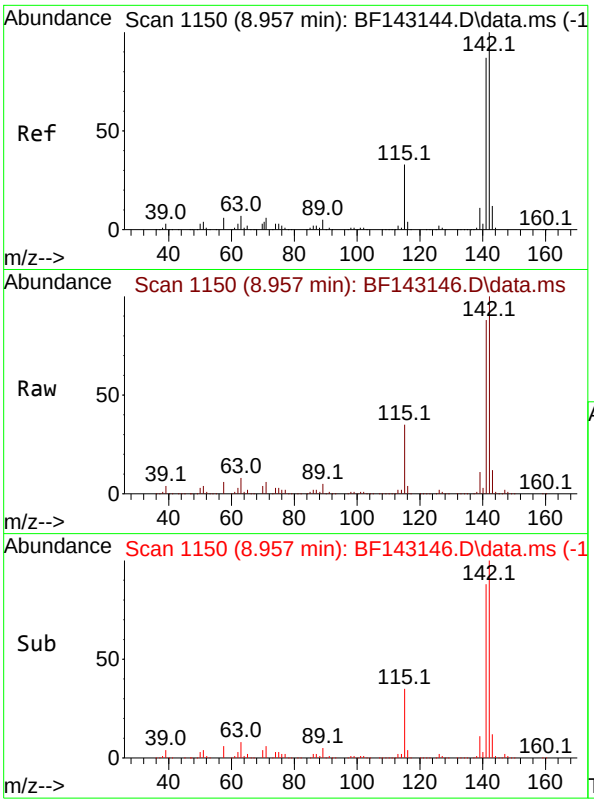




#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 506142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |



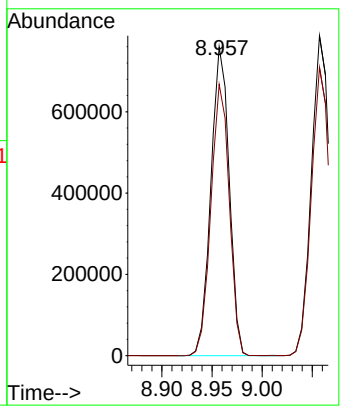


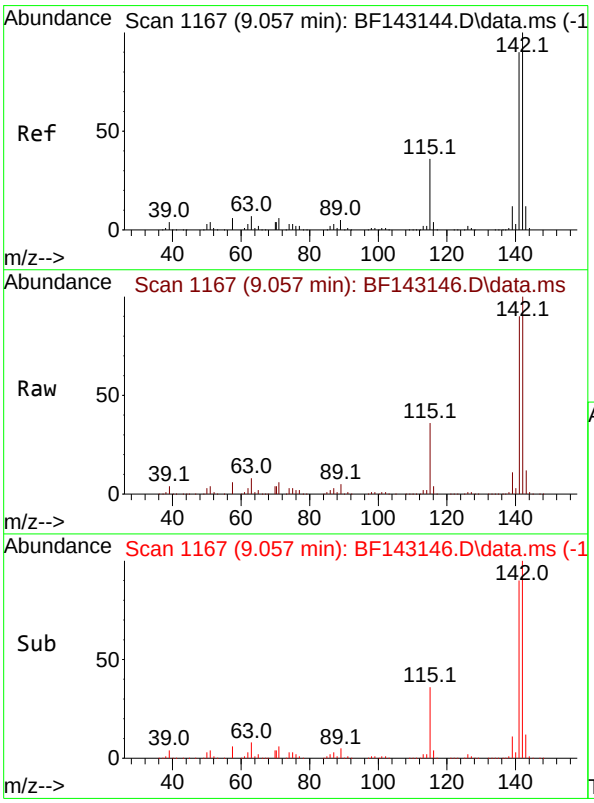

#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:142 Resp: 966031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 69.9 | 104.9 |

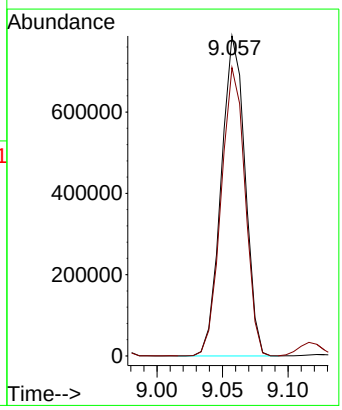


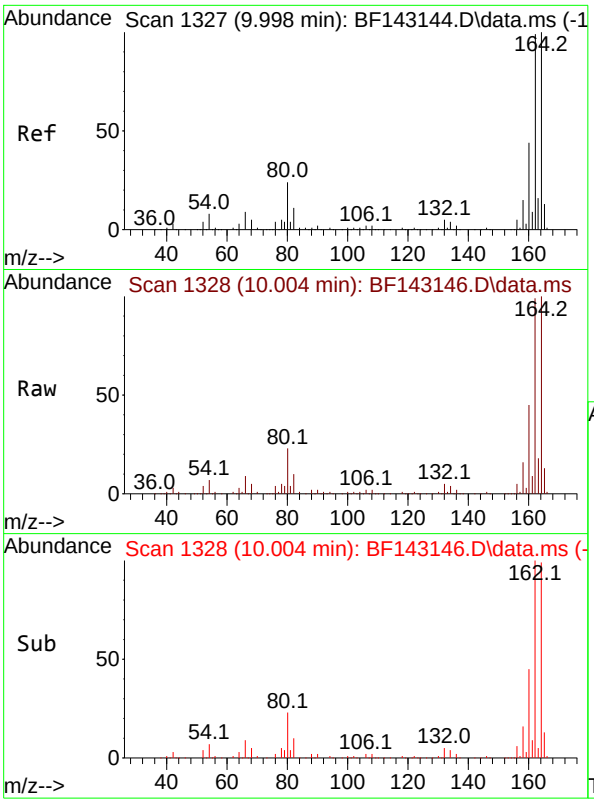




#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:142 Resp: 997009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 72.3 | 108.5 |



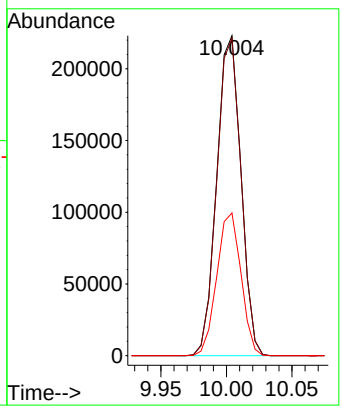


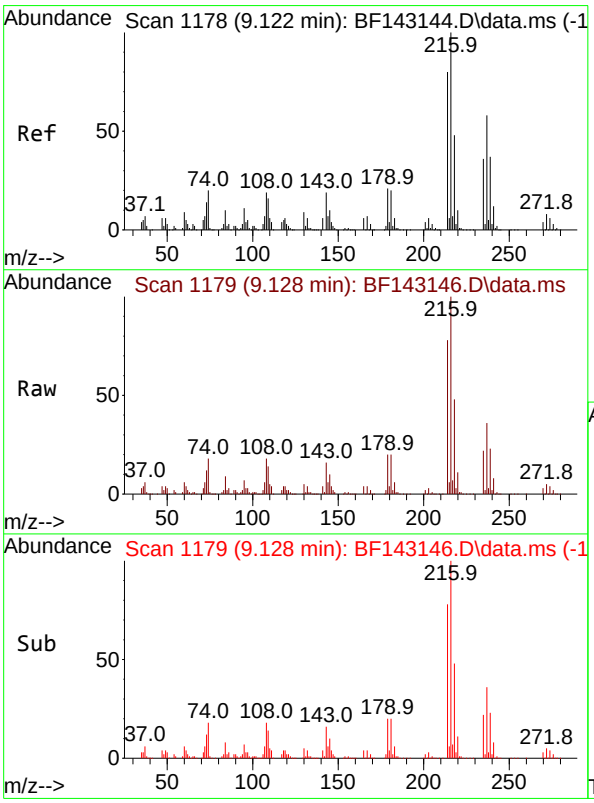

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:164 Resp: 286544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.1 | 79.0 | 118.6 |
| 160 | 44.6 | 35.1 | 52.7 |

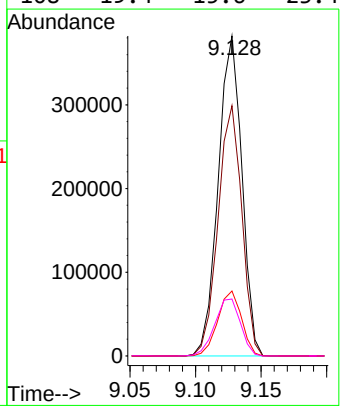


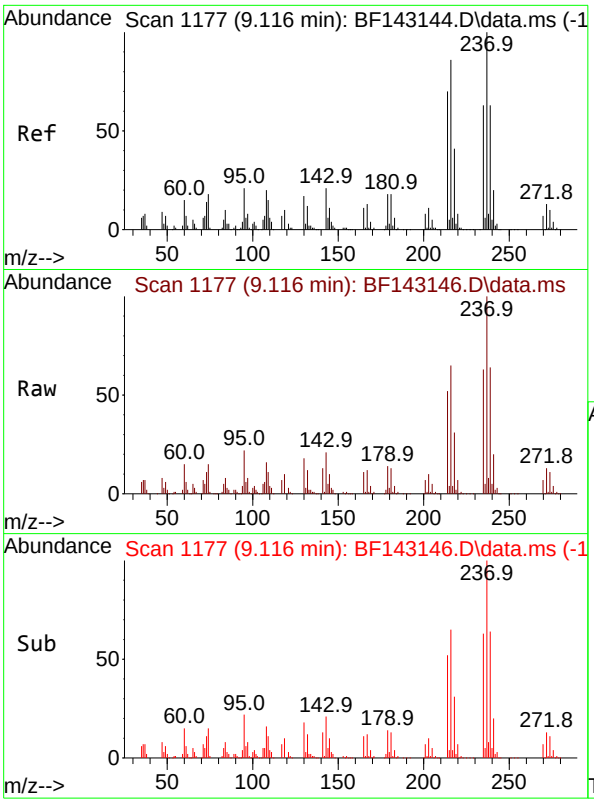




#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:216 Resp: 479450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 63.8 | 95.8 |
| 179 | 20.4 | 16.4 | 24.6 |
| 108 | 19.4 | 15.6 | 23.4 |



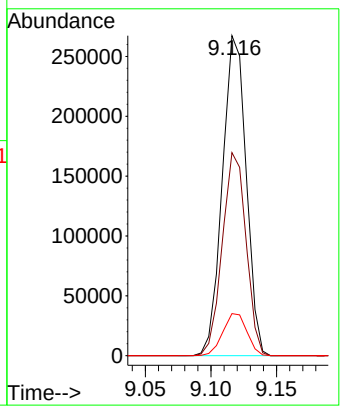


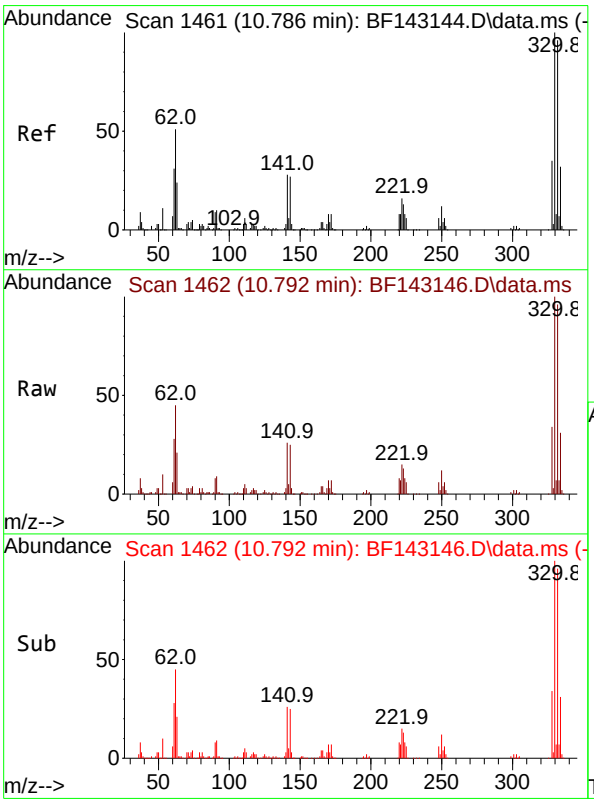

#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:237 Resp: 337833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |

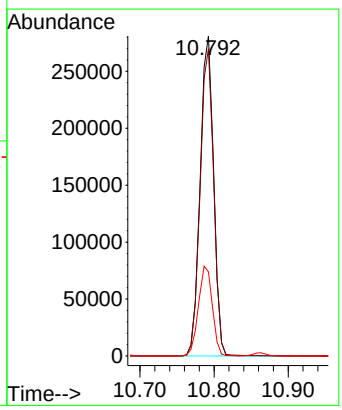


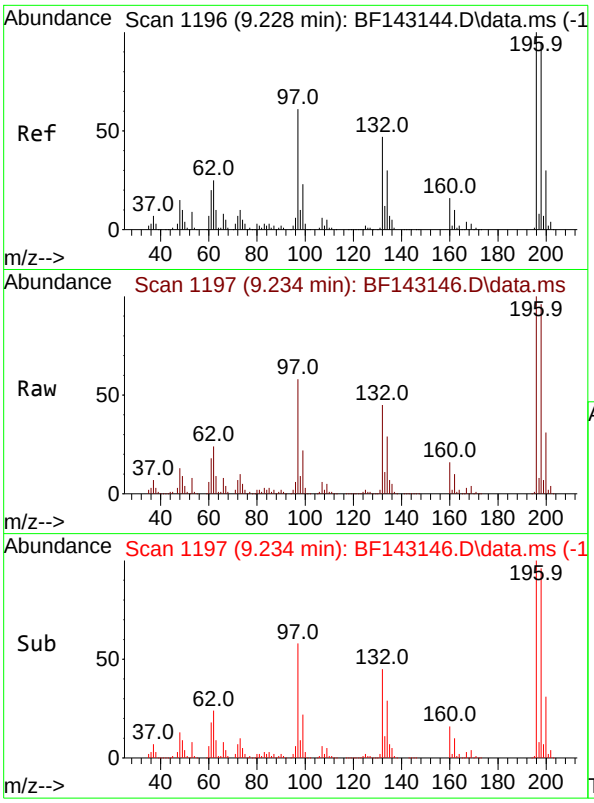




#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:330 Resp: 354678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.7 | 115.1 |
| 141 | 28.9 | 23.3 | 34.9 |



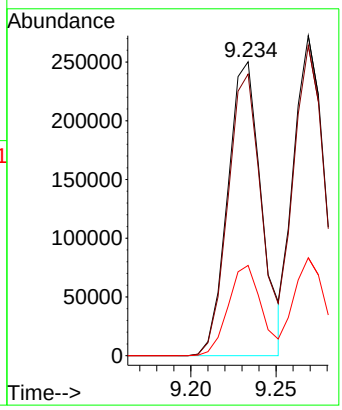


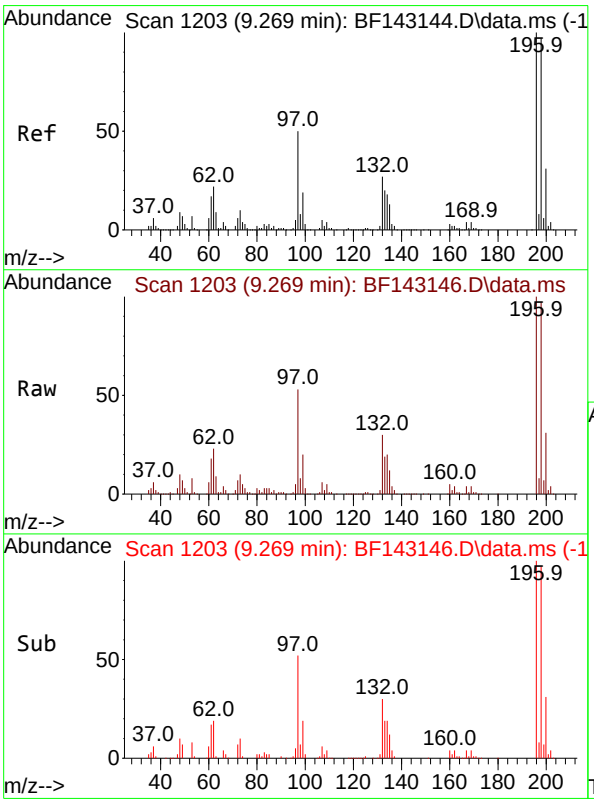

#43
2,4,6-Trichlorophenol
Concen: 60.246 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:196 Resp: 344941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 76.2 | 114.2 |
| 200 | 30.7 | 23.9 | 35.9 |

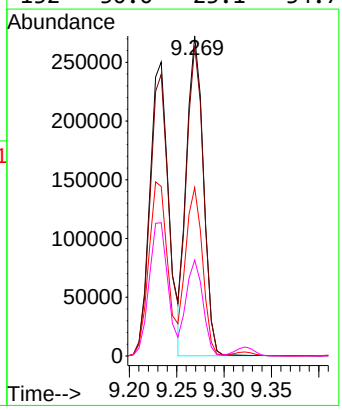


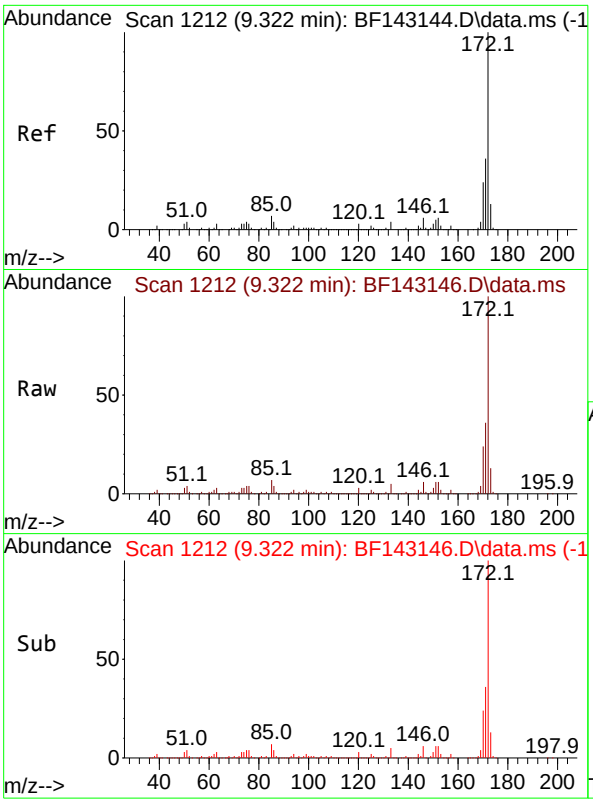




#44
2,4,5-Trichlorophenol
Concen: 59.305 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:196 Resp: 339656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 77.3 | 115.9 |
| 97 | 52.6 | 40.3 | 60.5 |
| 132 | 30.0 | 23.1 | 34.7 |



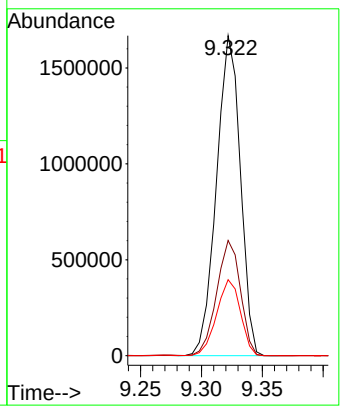


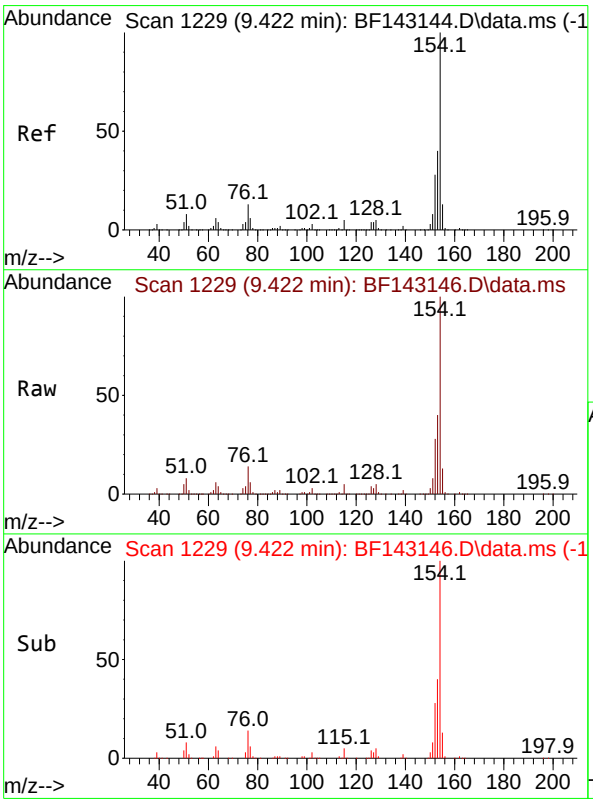

#45
2-Fluorobiphenyl
Concen: 108.558 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:172 Resp: 2274500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.6 | 42.8 |
| 170 | 23.7 | 18.8 | 28.2 |

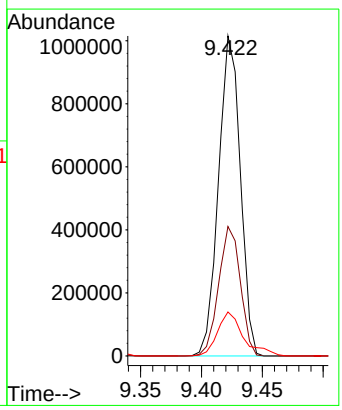


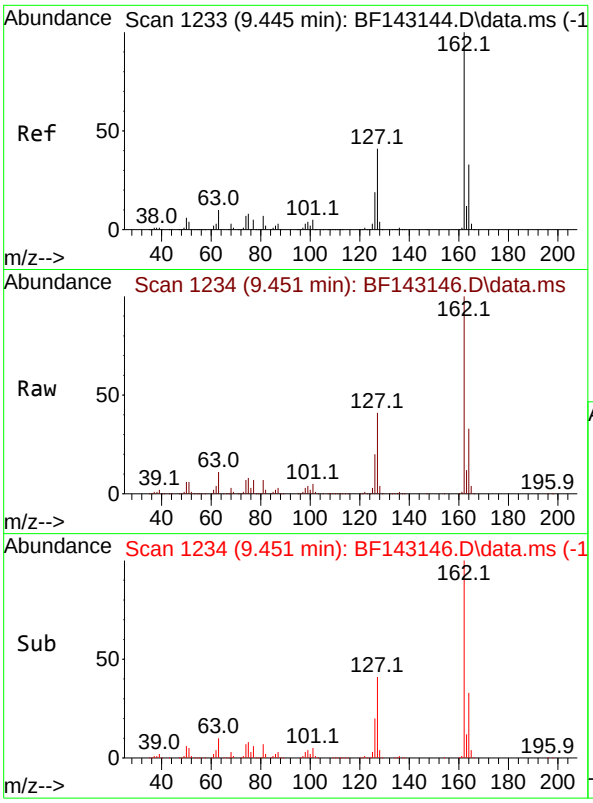




#46
1,1'-Biphenyl
Concen: 56.610 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 1265588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |



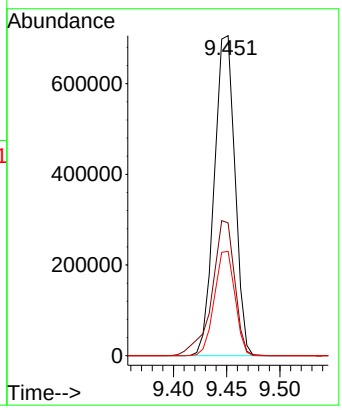


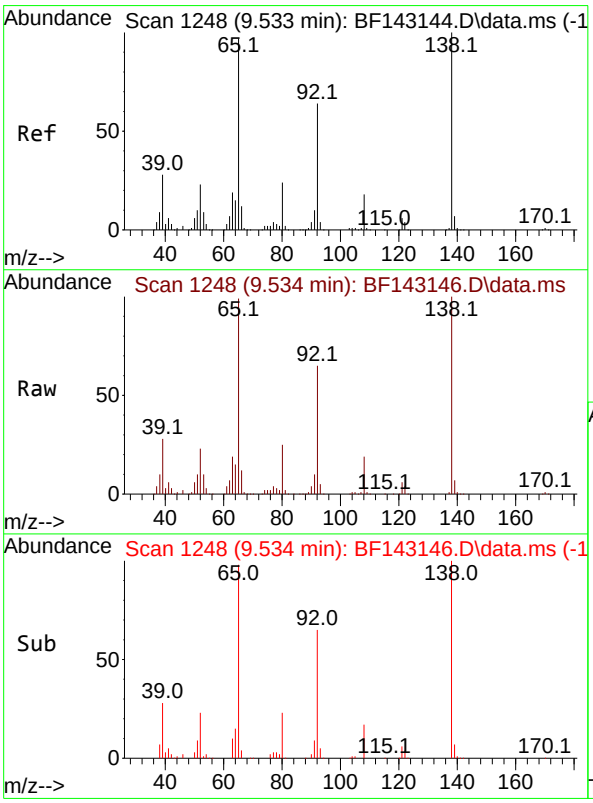

#47
2-Chloronaphthalene
Concen: 57.364 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:162 Resp: 948912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.6 | 26.2 | 39.2 |

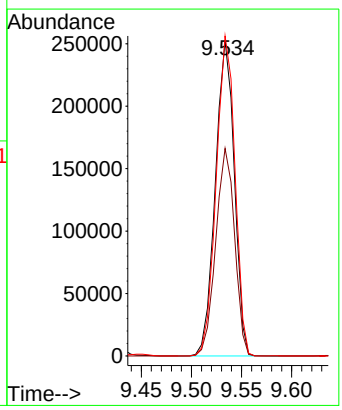


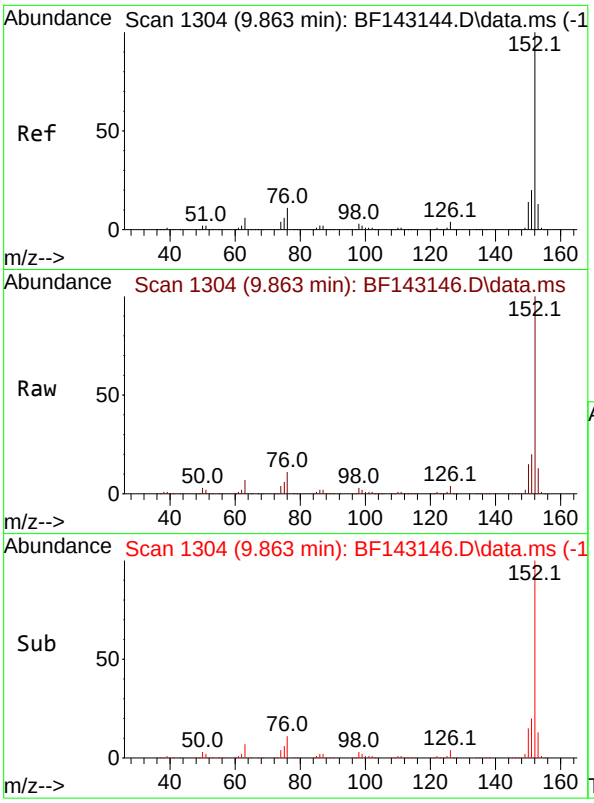




#48
2-Nitroaniline
Concen: 63.904 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.8 | 52.4 | 78.6 |
| 138 | 101.5 | 82.3 | 123.5 |



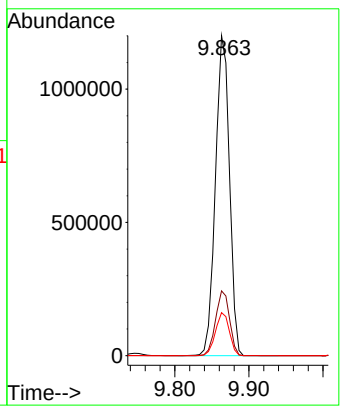


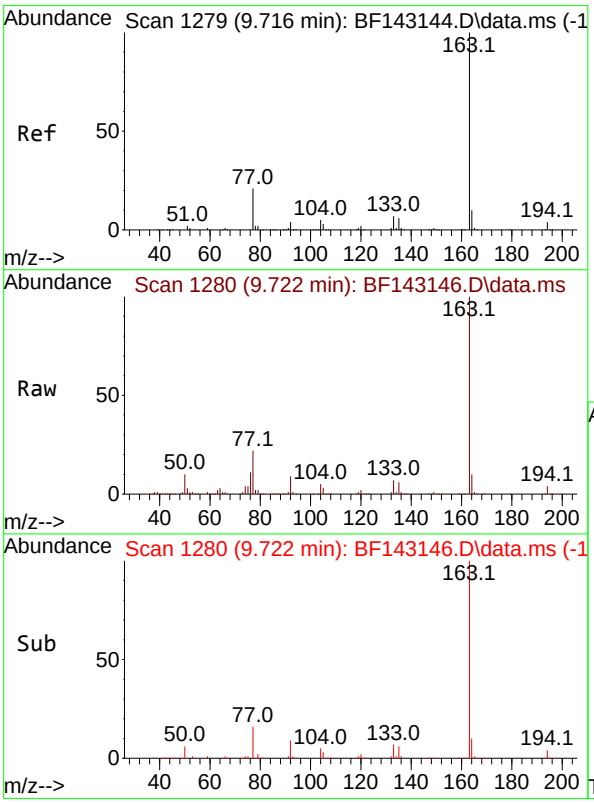

#49
Acenaphthylene
Concen: 56.860 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:152 Resp: 1576240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.5 | 10.6 | 16.0 |

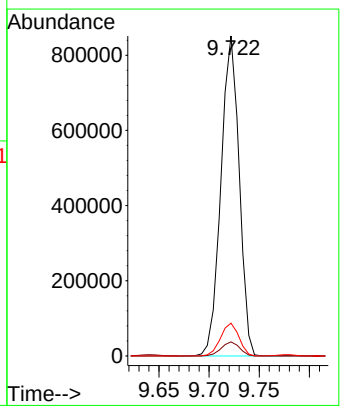


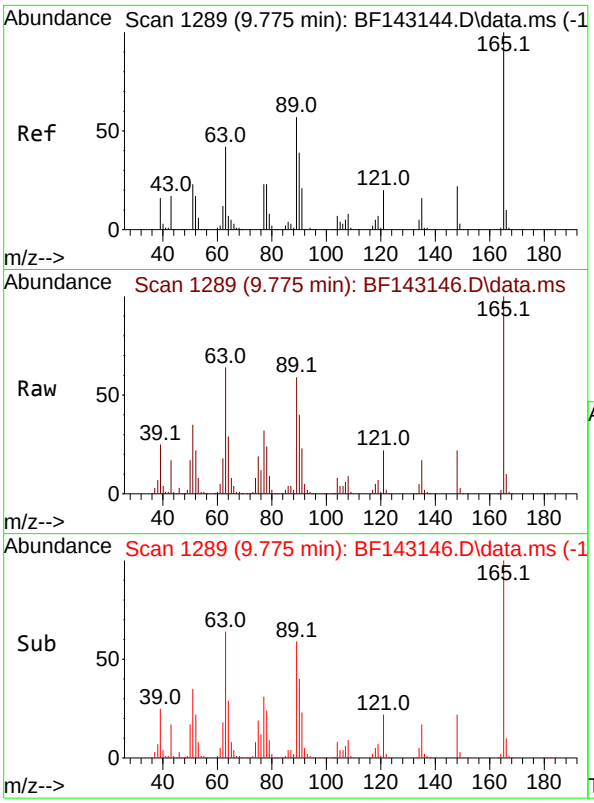




#50
Dimethylphthalate
Concen: 57.558 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:163 Resp: 1075052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |



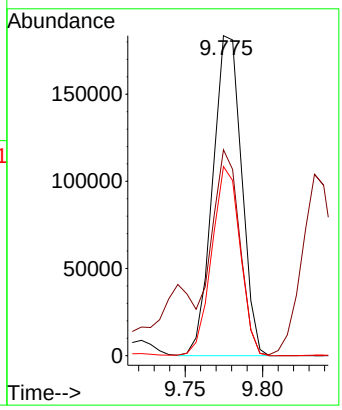


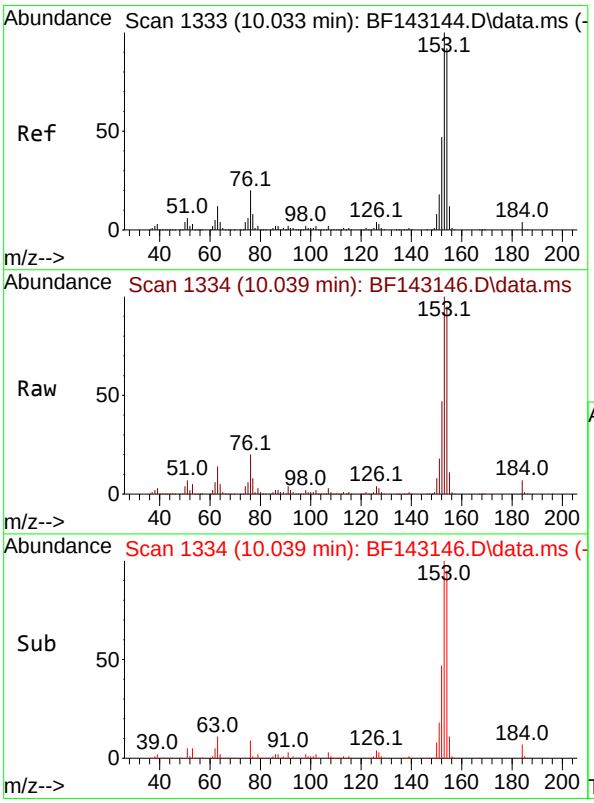

#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 238103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.4 | 49.4 | 74.2 |
| 89 | 59.1 | 46.2 | 69.2 |

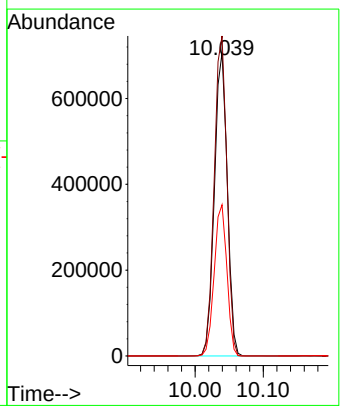


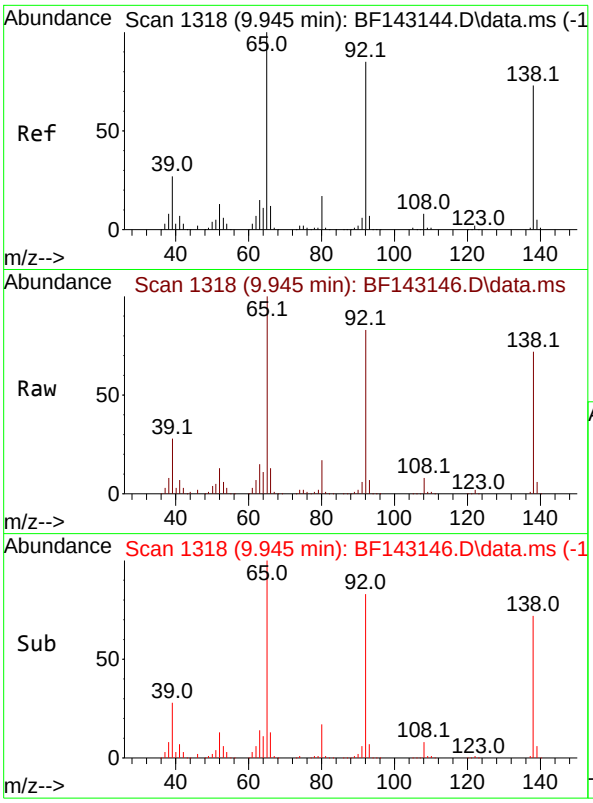




#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:154 Resp: 930883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.6 | 86.6 | 129.8 |
| 152 | 49.9 | 40.4 | 60.6 |



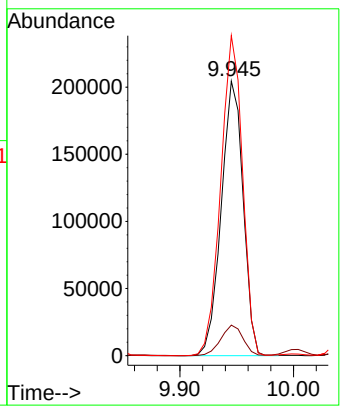


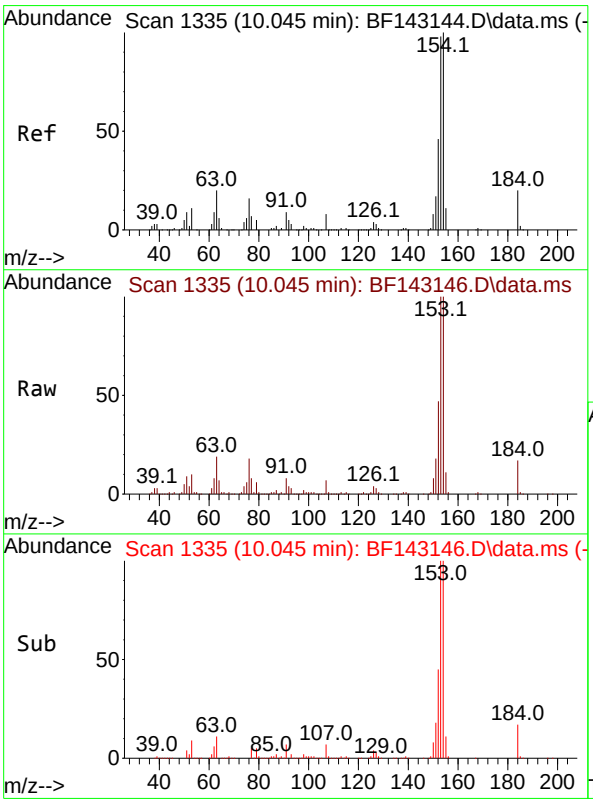

#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:138 Resp: 273506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 116.5 | 93.0 | 139.4 |

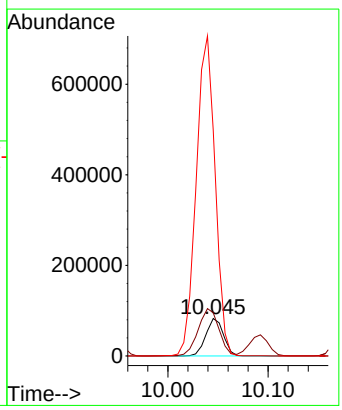


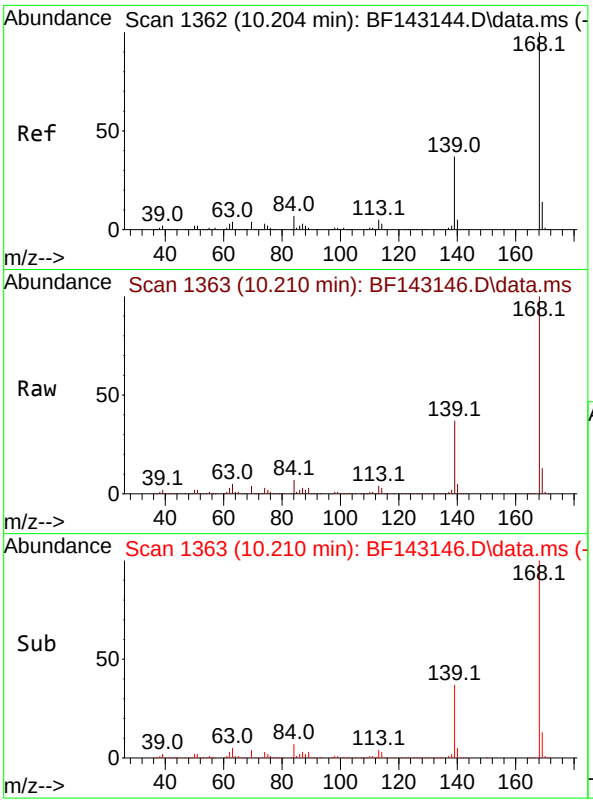




#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 115.6 | 81.8 | 122.6 |
| 154 | 603.3 | 412.2 | 618.4 |



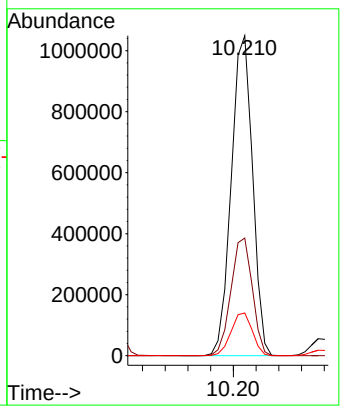


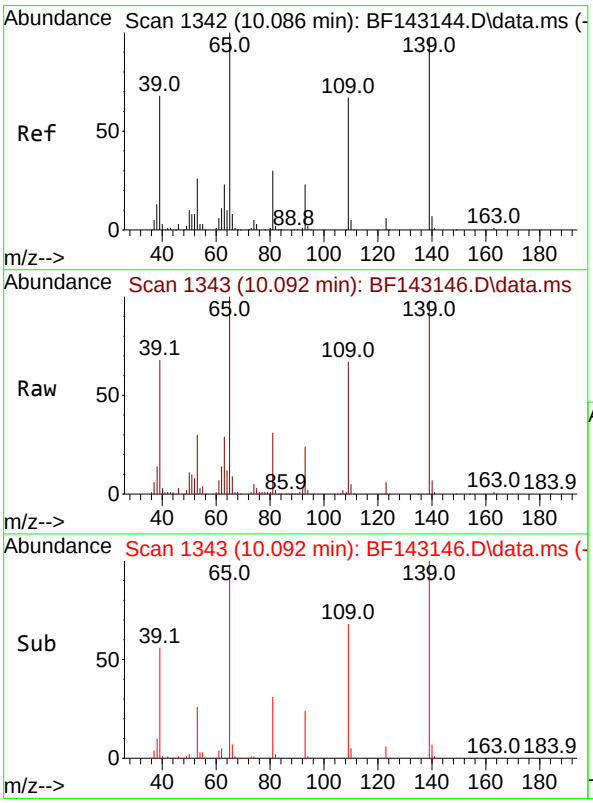

#55
Dibenzofuran
Concen: 56.093 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:168 Resp: 1364531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.7 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |

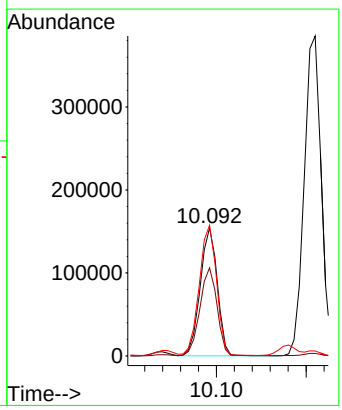


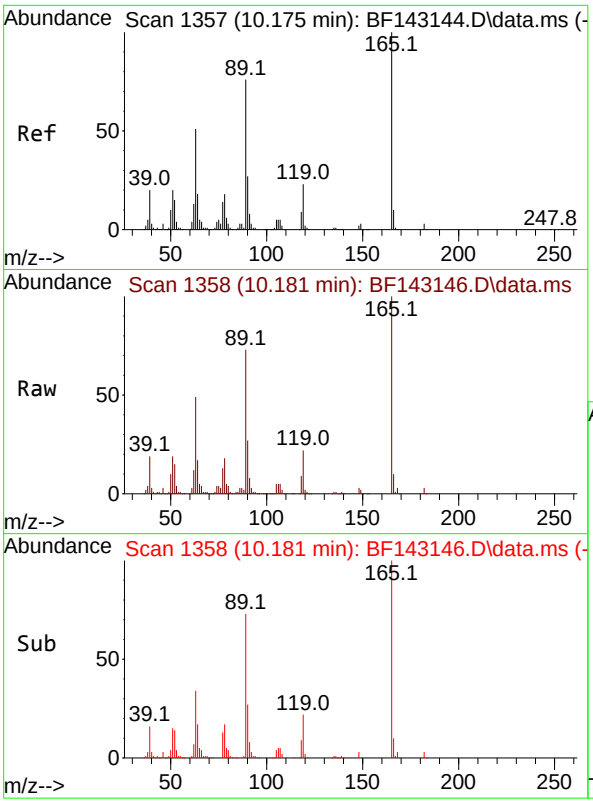




#56
4-Nitrophenol
Concen: 61.312 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 203477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 48.5 | 88.5 |
| 65 | 102.2 | 83.4 | 123.4 |



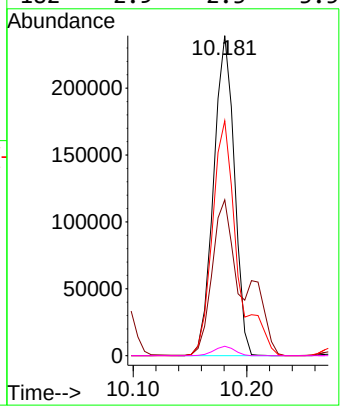


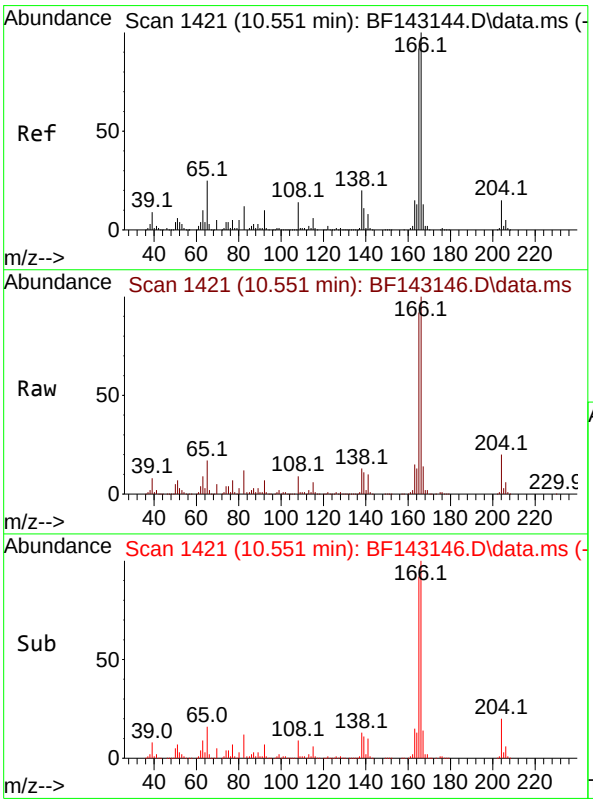

#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:165 Resp: 304460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.7 | 41.0 | 61.4 |
| 89 | 73.4 | 61.1 | 91.7 |
| 182 | 2.9 | 2.3 | 3.5 |

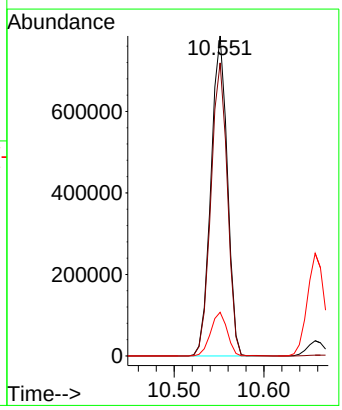


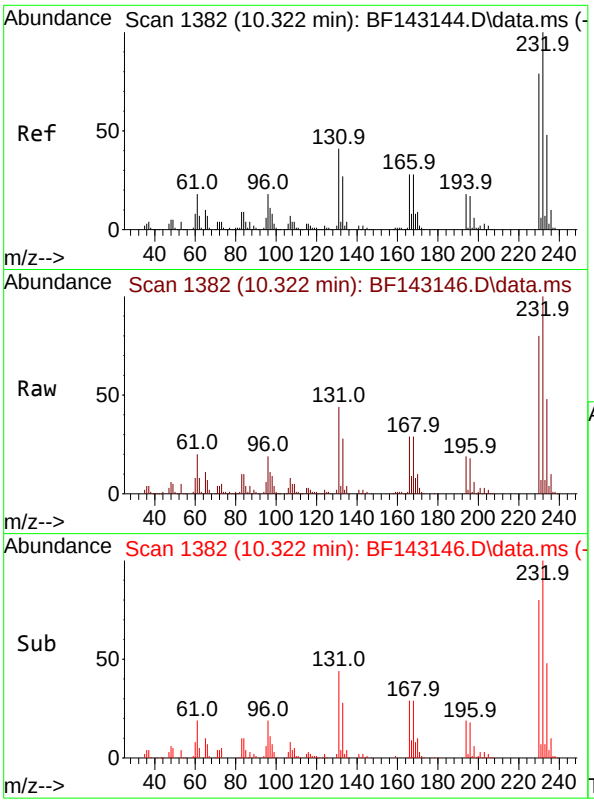




#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.6 | 73.7 | 110.5 |
| 167 | 13.6 | 10.6 | 16.0 |



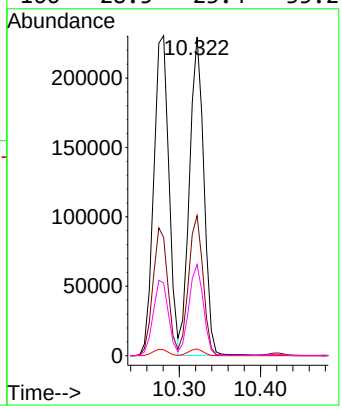


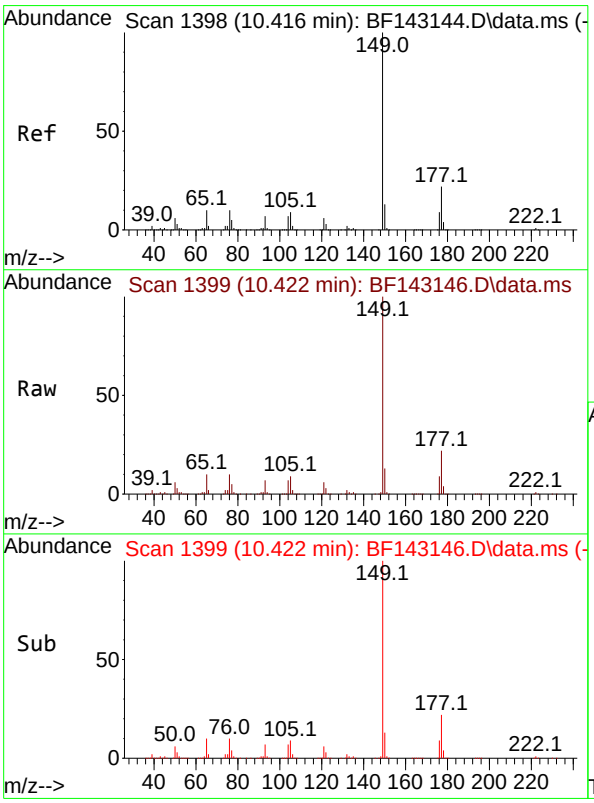

#59
2,3,4,6-Tetrachlorophenol
Concen: 59.678 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:232 Resp: 283124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.2 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.5 | 23.4 | 35.2 |

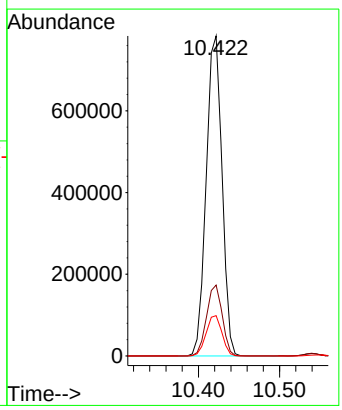


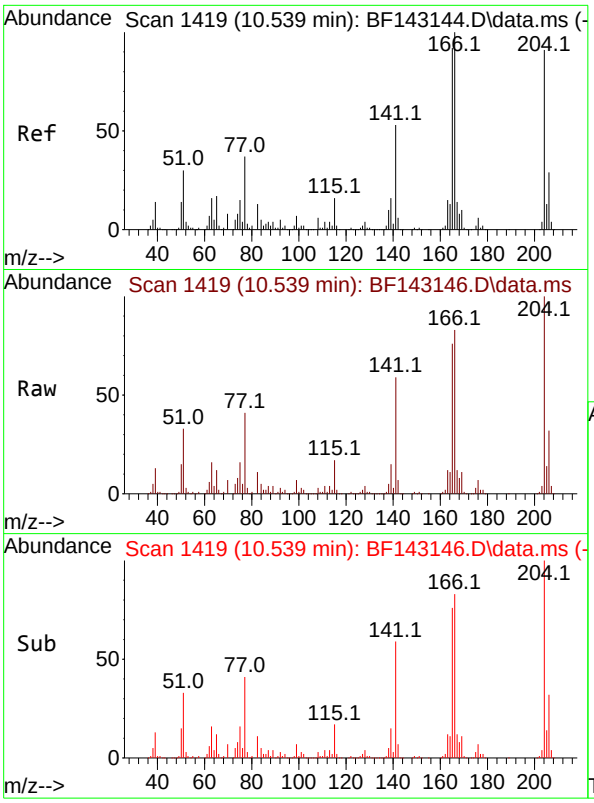




#60
Diethylphthalate
Concen: 57.301 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1057851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |



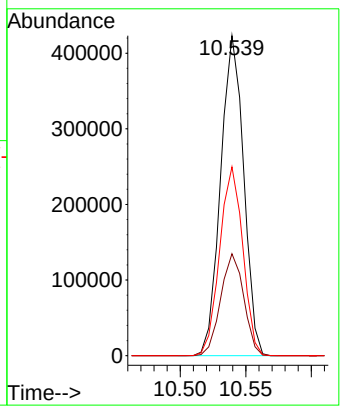


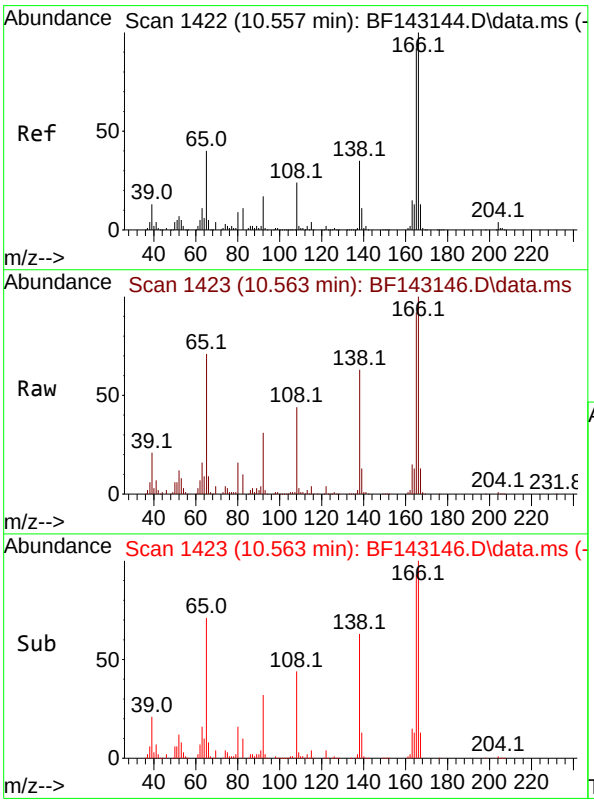

#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:204 Resp: 516980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 25.8 | 38.8 |
| 141 | 59.0 | 47.0 | 70.4 |

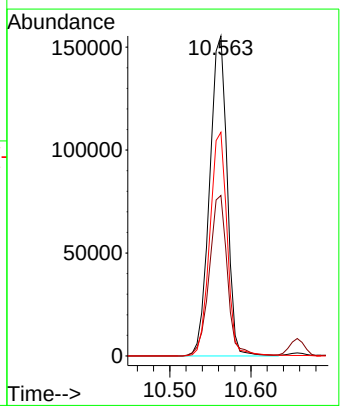


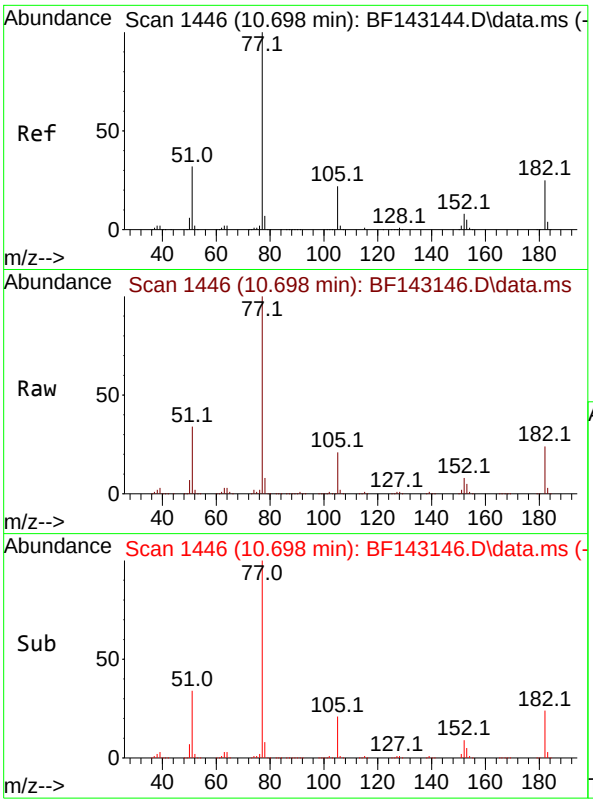




#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:138 Resp: 232488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.2 | 29.3 | 69.3 |
| 108 | 69.9 | 48.3 | 88.3 |



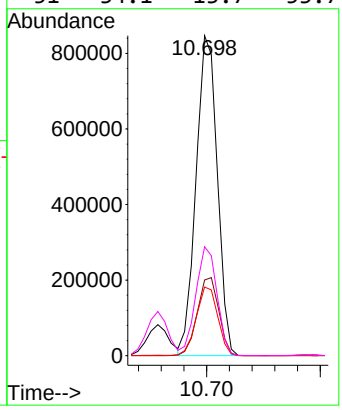


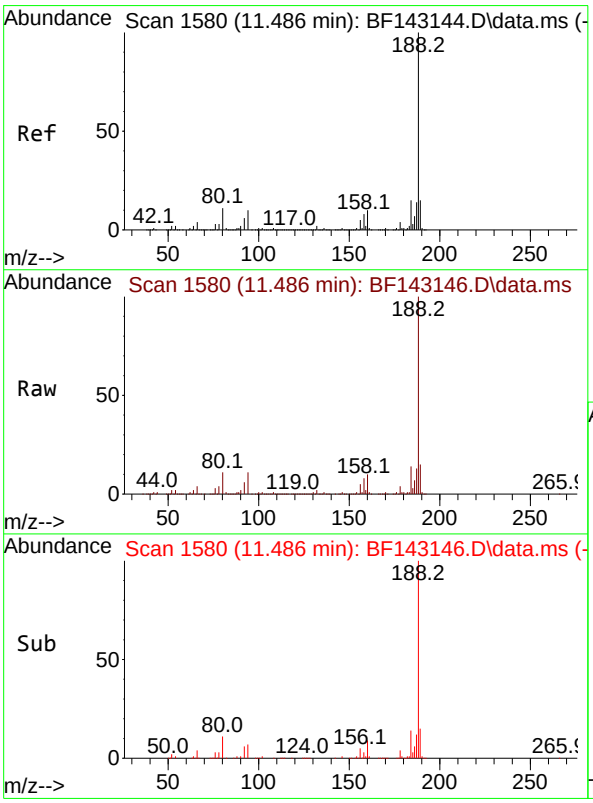

#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion: 77 Resp: 1098772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.6 | 4.6 | 44.6 |
| 105 | 21.4 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |

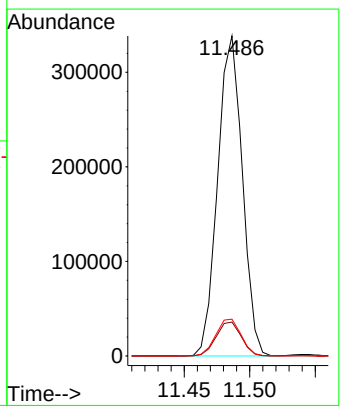


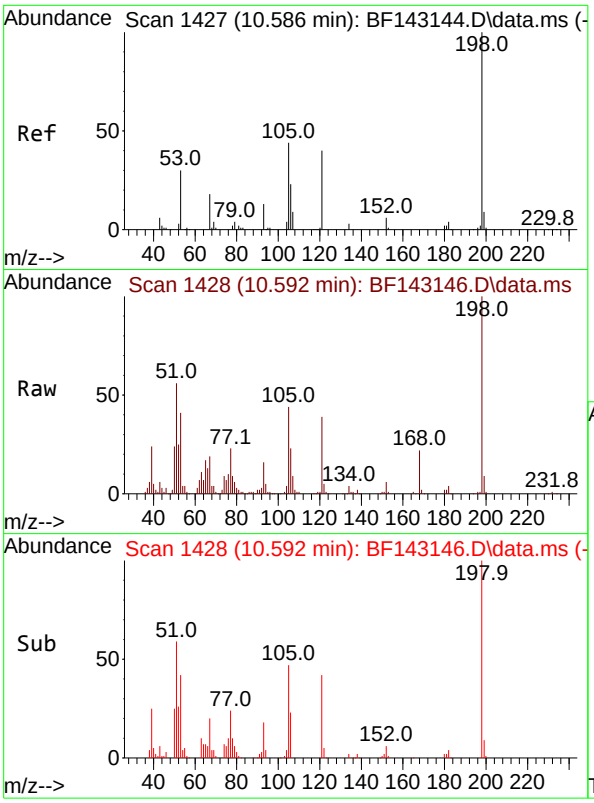




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.5 | 9.0 | 13.6 |



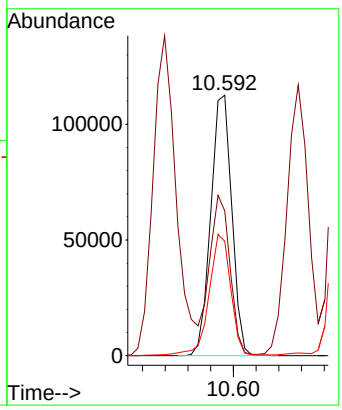


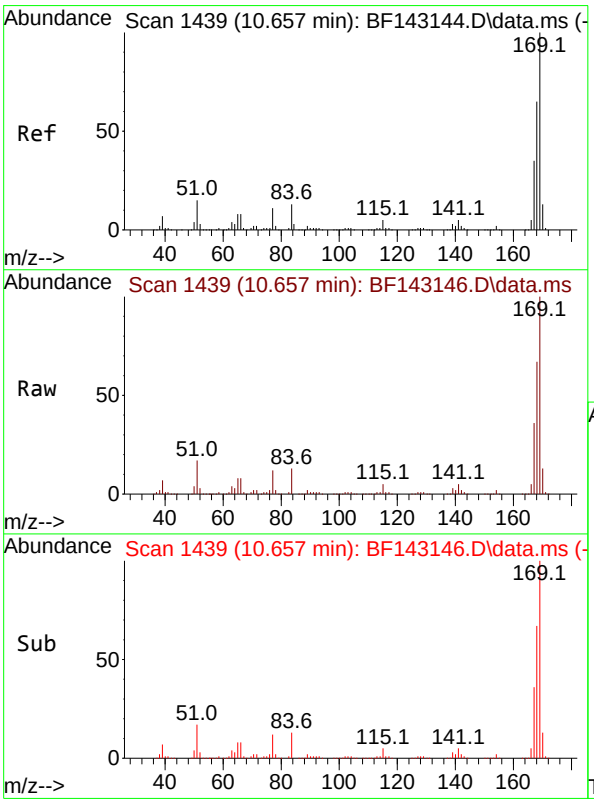

#65
4,6-Dinitro-2-methylphenol
Concen: 60.728 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:198 Resp: 144751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.6 | 37.2 | 77.2 |
| 105 | 43.9 | 24.8 | 64.8 |

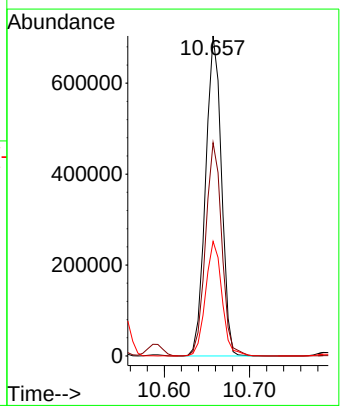


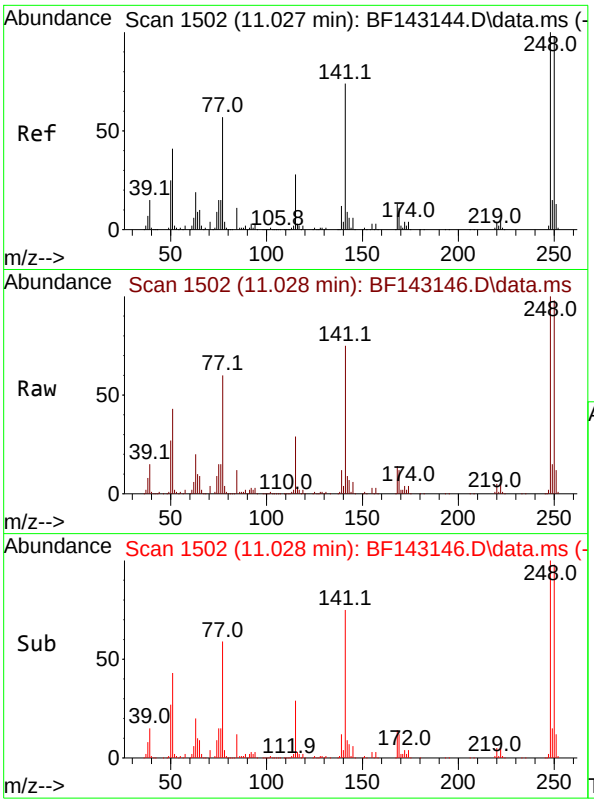




#66
n-Nitrosodiphenylamine
Concen: 58.380 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:169 Resp: 910468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 52.1 | 78.1 |
| 167 | 35.8 | 28.2 | 42.2 |



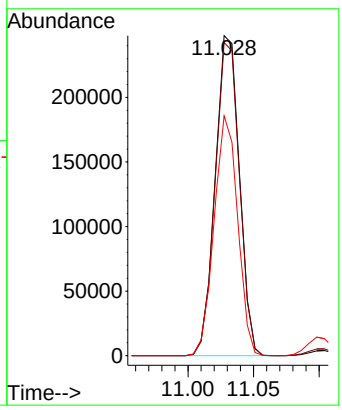


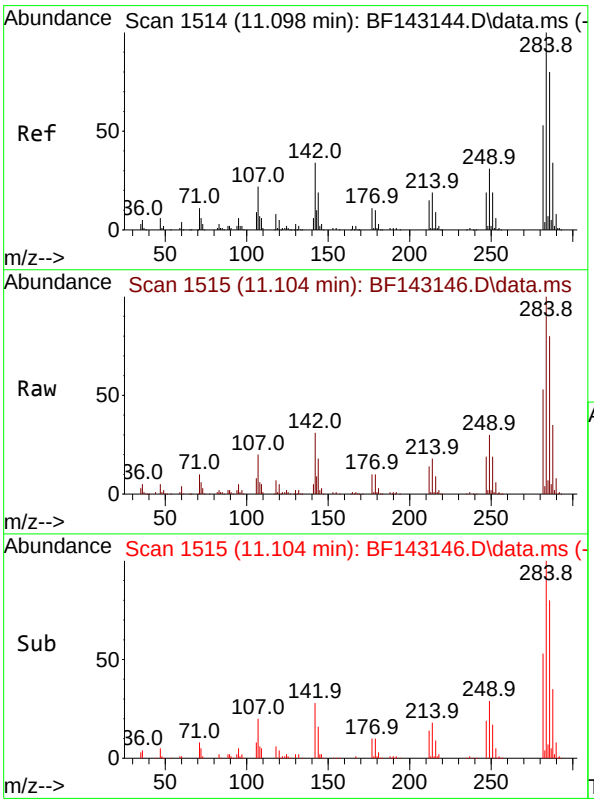

#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:248 Resp: 318085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.3 | 117.5 |
| 141 | 75.0 | 59.2 | 88.8 |

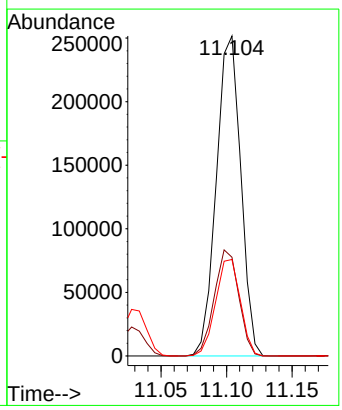


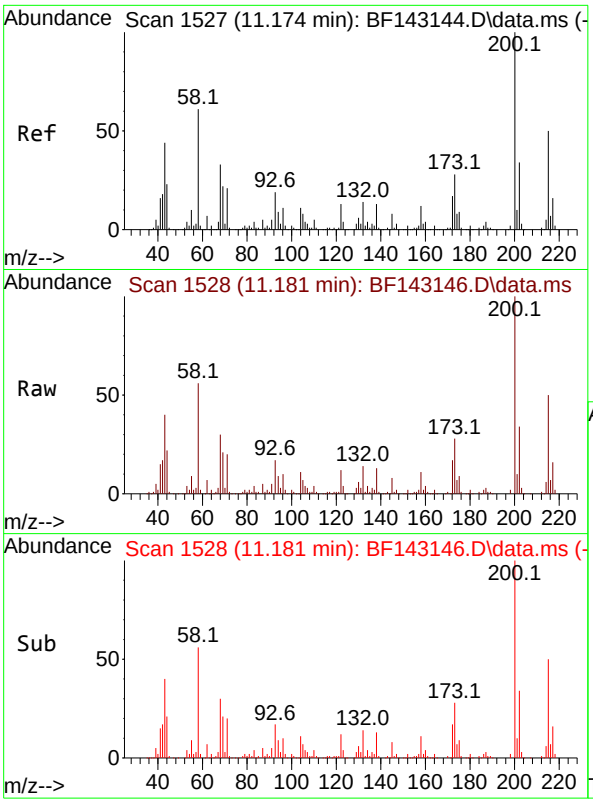




#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:284 Resp: 325779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.9 | 27.0 | 40.6 |
| 249 | 30.1 | 25.0 | 37.6 |



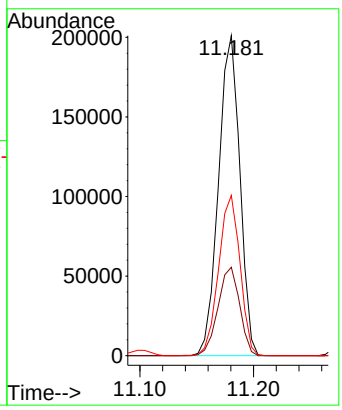


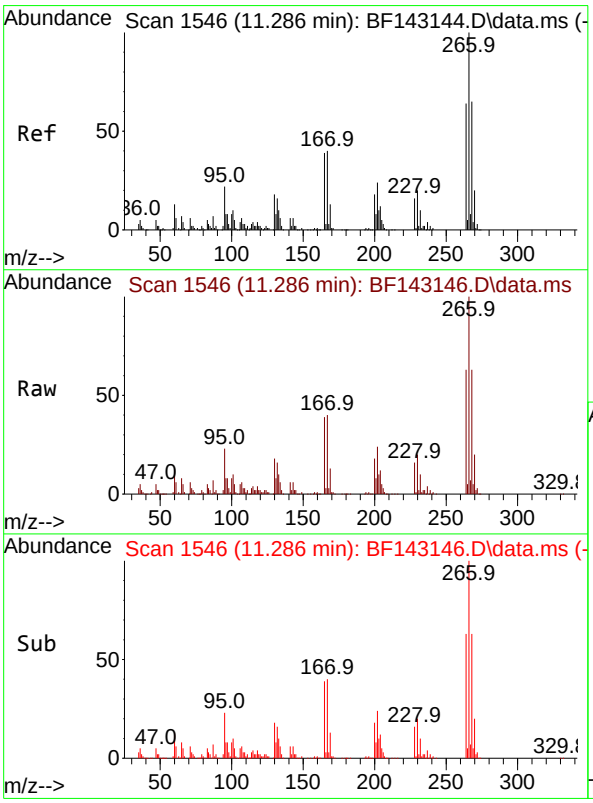

#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:200 Resp: 262374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.6 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |

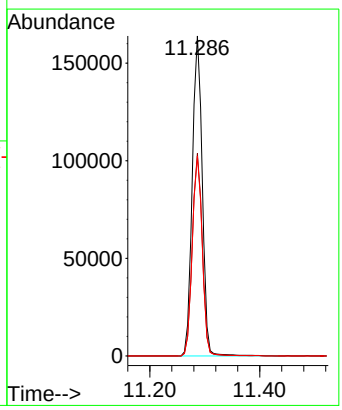


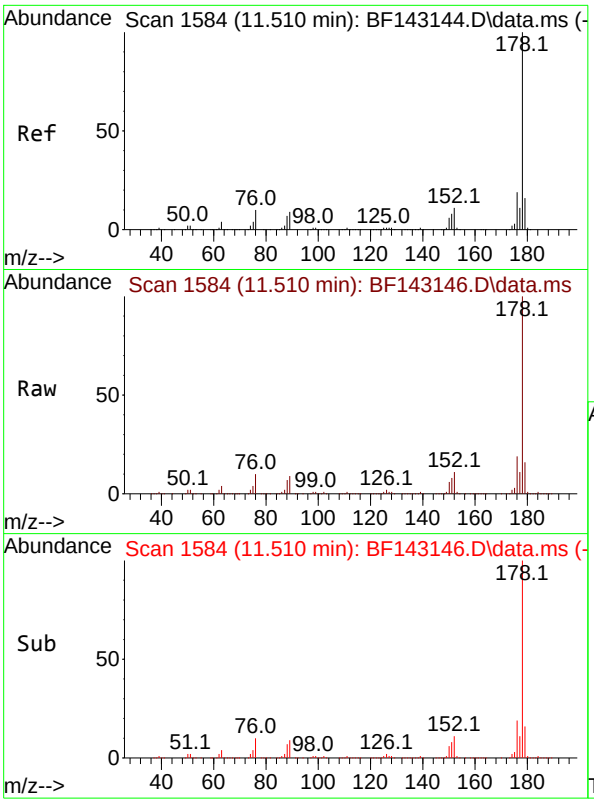




#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:266 Resp: 206417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.3 | 51.9 | 77.9 |
| 264 | 62.5 | 51.0 | 76.6 |



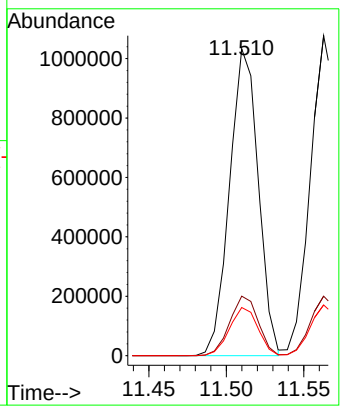


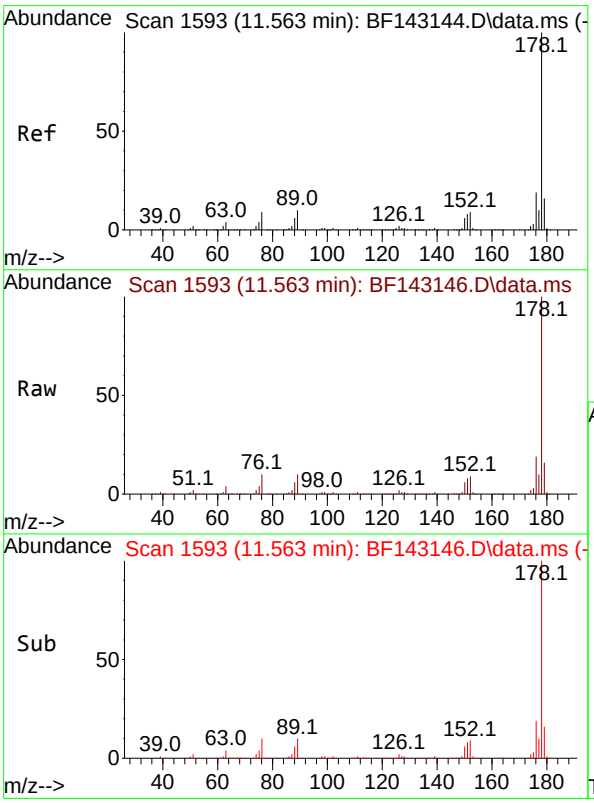

#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:178 Resp: 1331485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.3 | 22.9 |
| 179 | 15.7 | 12.5 | 18.7 |

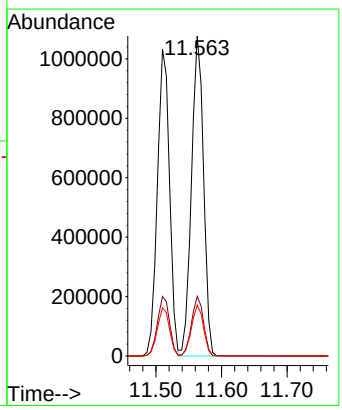


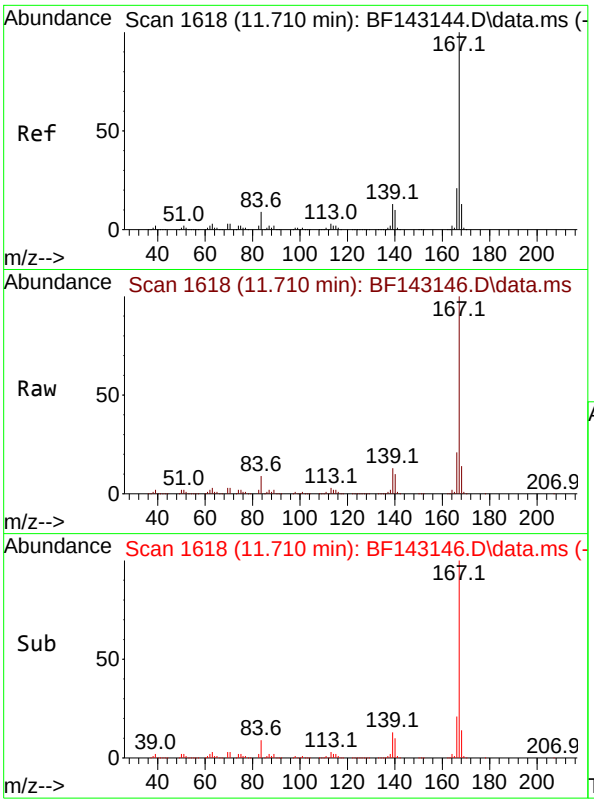




#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:178 Resp: 1379601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.8 | 12.5 | 18.7 |



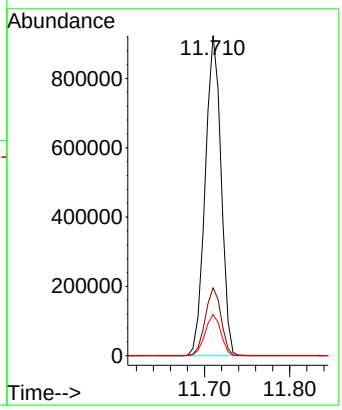


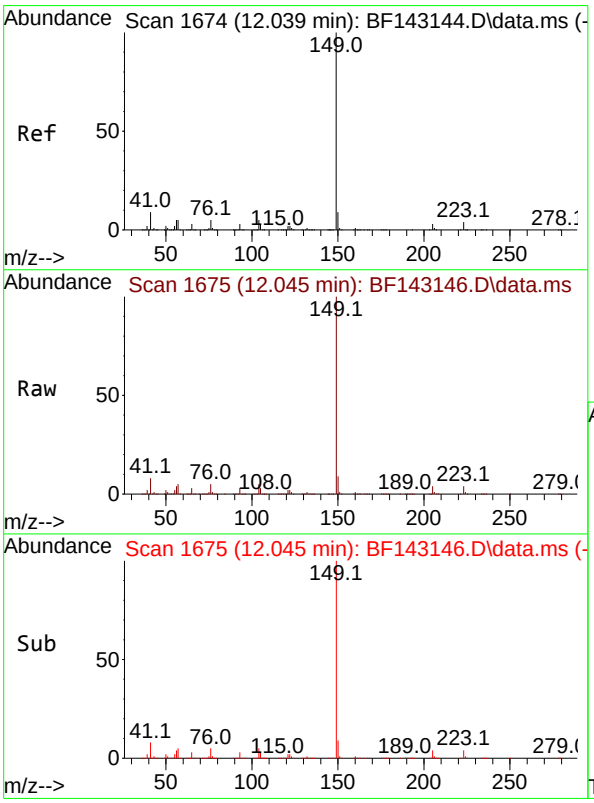

#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:167 Resp: 1194026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.0 | 25.6 |
| 139 | 12.9 | 10.0 | 15.0 |

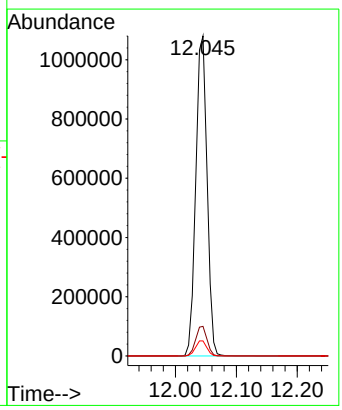


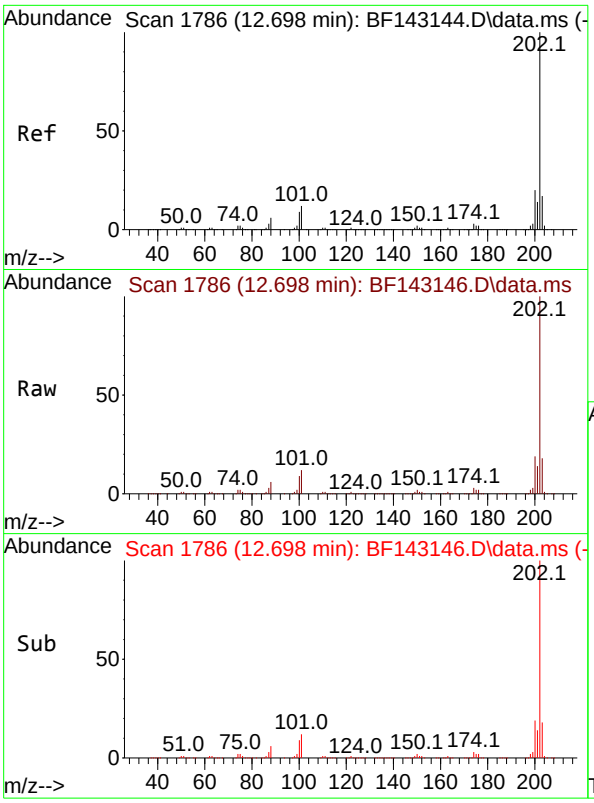




#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 1392335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



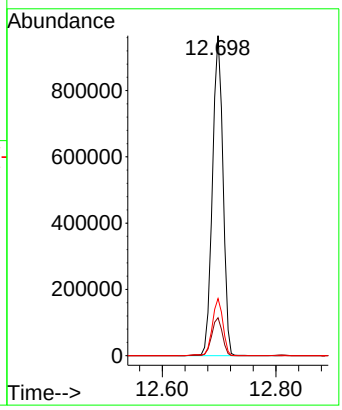


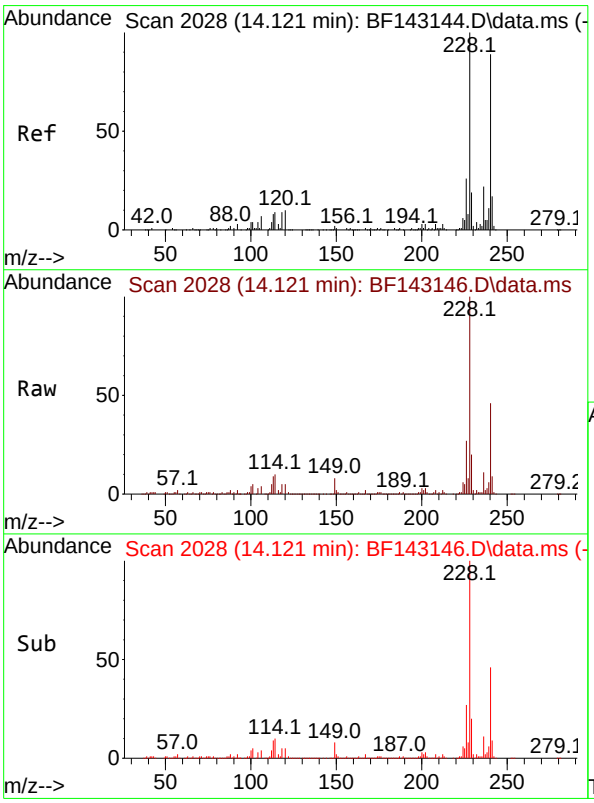

#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:202 Resp: 1232952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

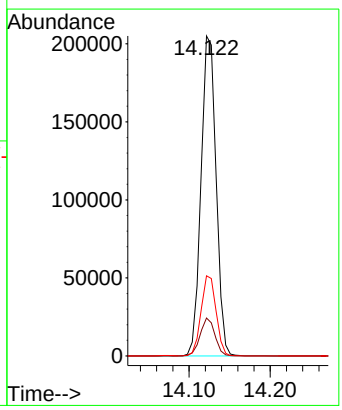


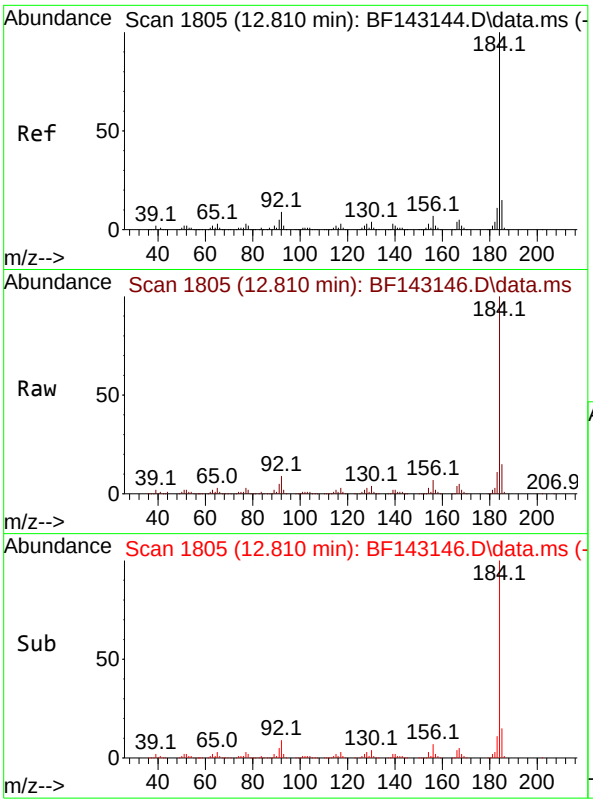




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:240 Resp: 264384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.9 | 9.4 | 14.2 |
| 236 | 25.1 | 20.2 | 30.4 |



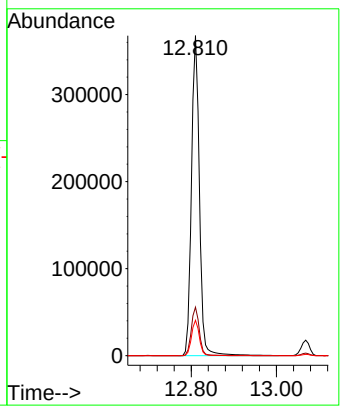


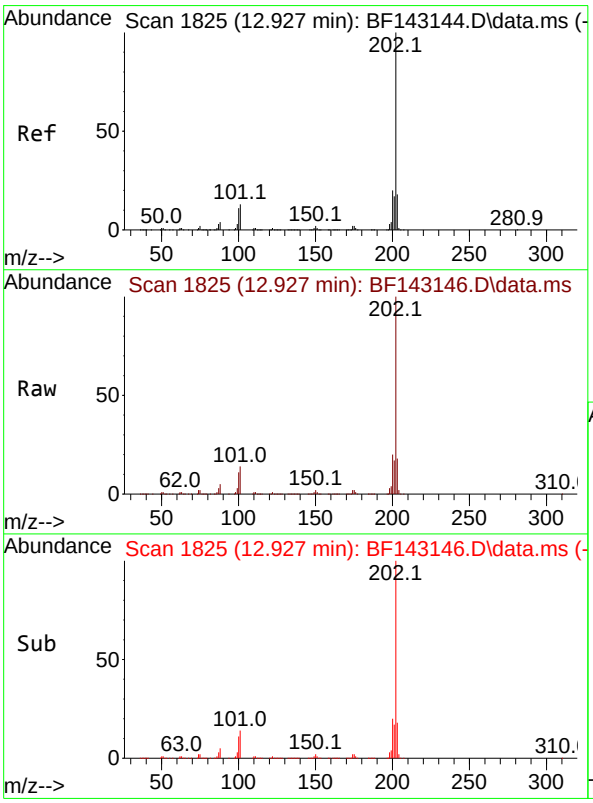

#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:184 Resp: 476553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.2 | 18.4 |
| 183 | 11.0 | 9.0 | 13.4 |

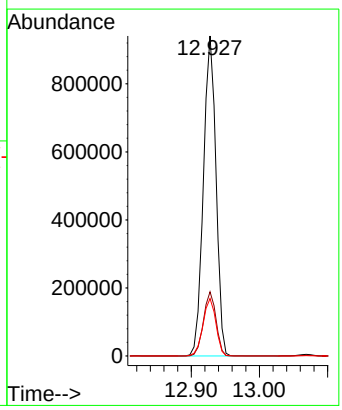


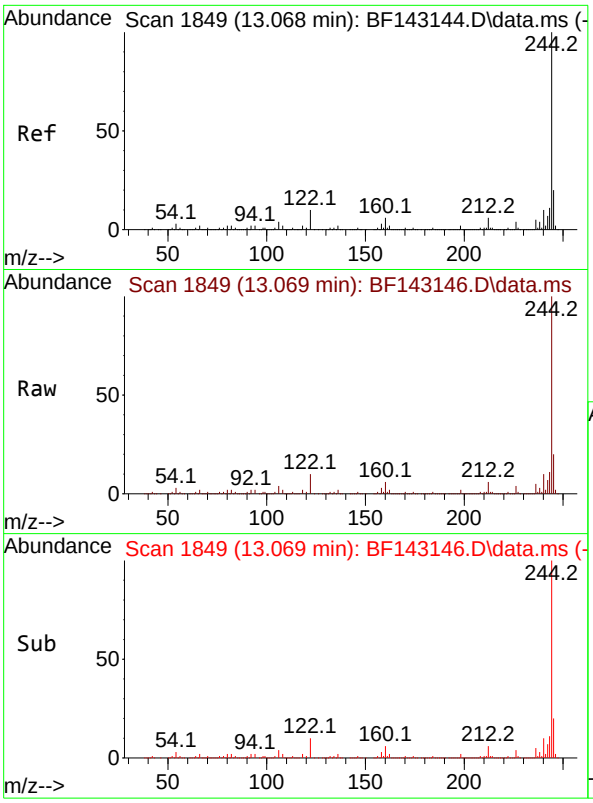




#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 15.7 | 23.5 |
| 203 | 18.0 | 14.2 | 21.2 |



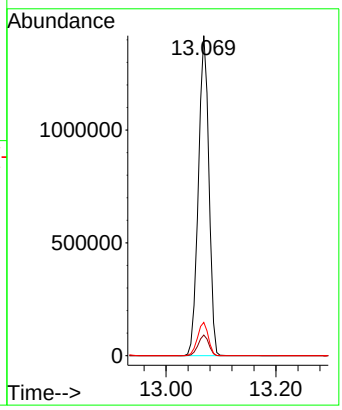


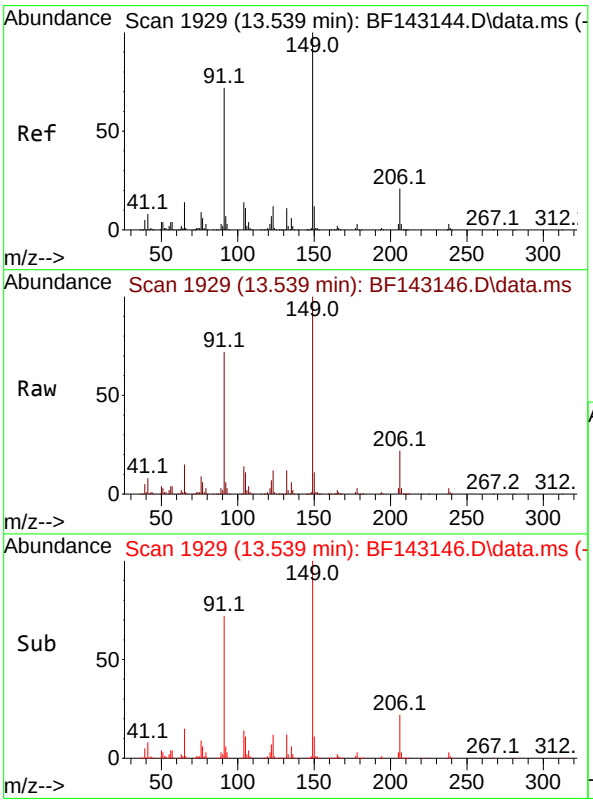

#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:244 Resp: 1888544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |

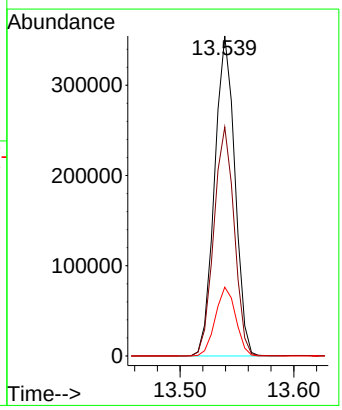


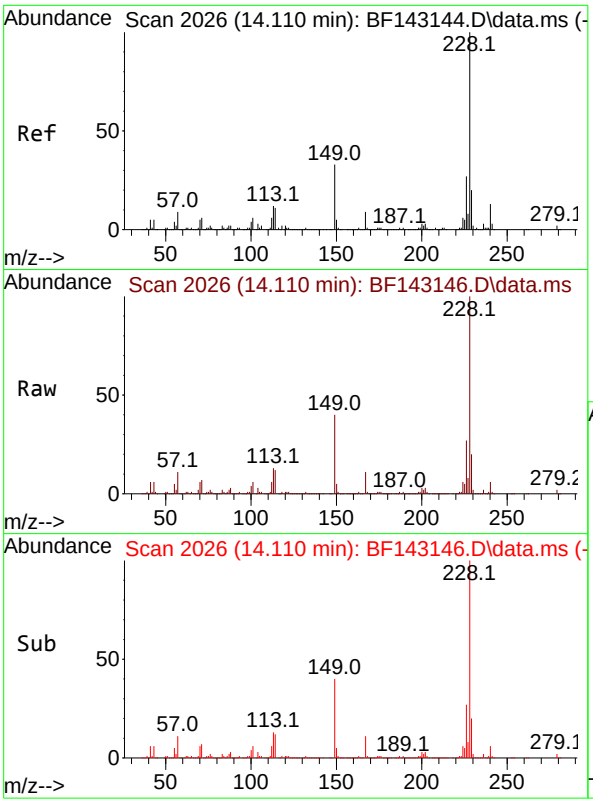




#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 441334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.6 | 57.9 | 86.9 |
| 206 | 21.5 | 17.0 | 25.4 |



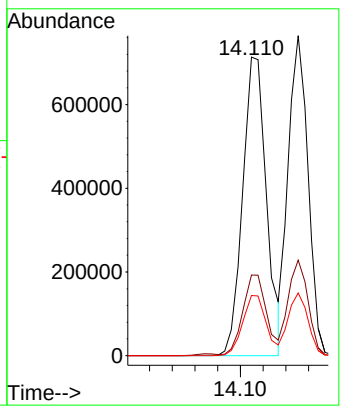


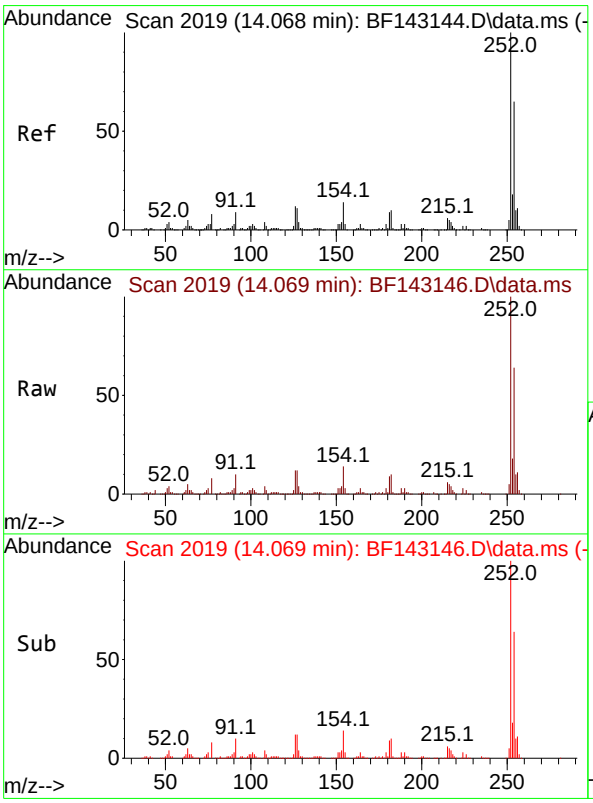

#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp: 1041236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.7 | 32.5 |
| 229 | 20.2 | 15.8 | 23.6 |

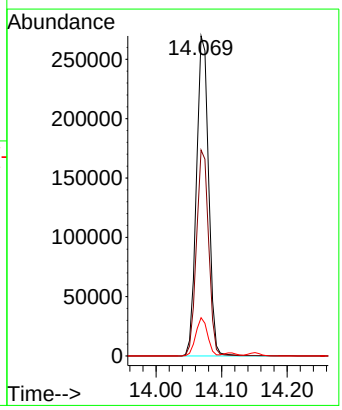


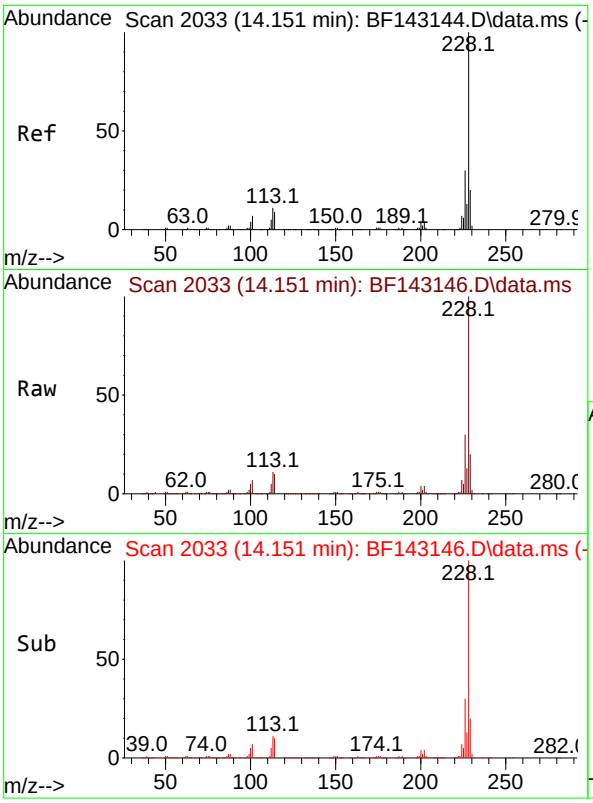




#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 348979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.7 | 77.5 |
| 126 | 12.0 | 9.4 | 14.0 |



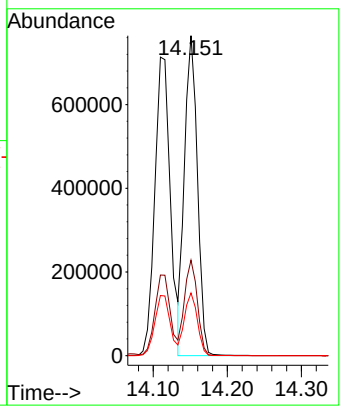


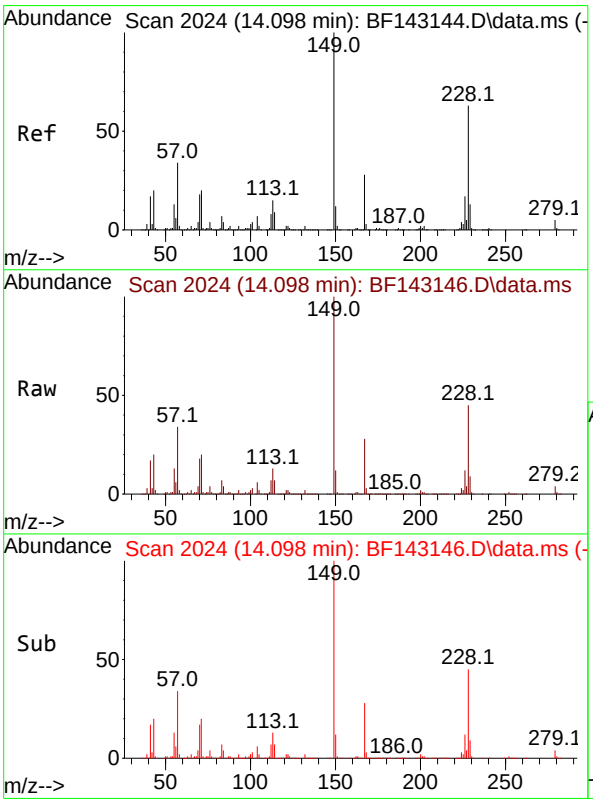

#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:228 Resp: 930545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.8 | 35.8 |
| 229 | 19.6 | 15.6 | 23.4 |

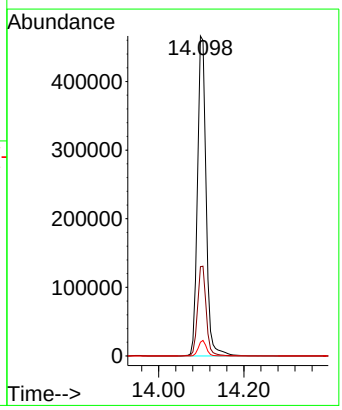


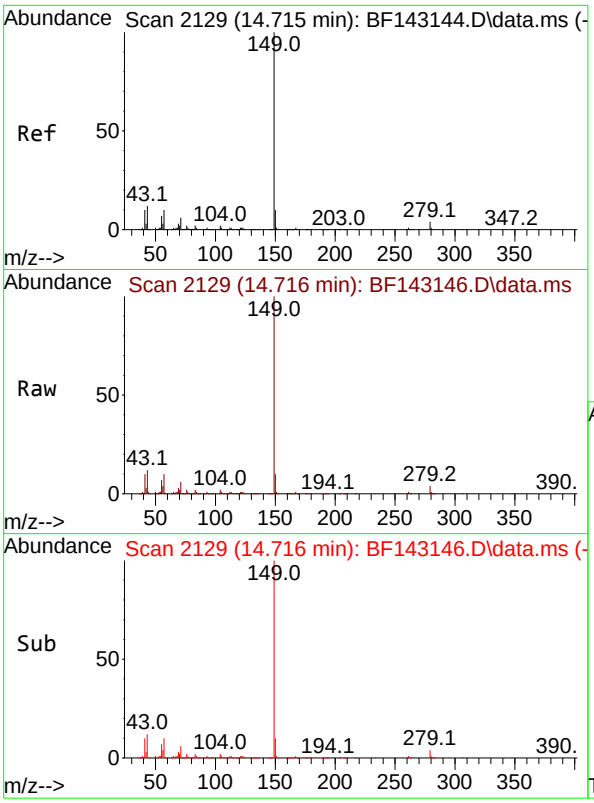




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:149 Resp: 655482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.3 | 33.5 |
| 279 | 4.3 | 3.6 | 5.4 |



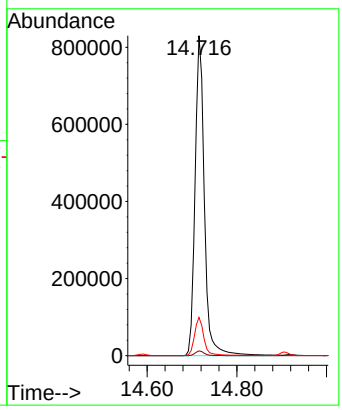


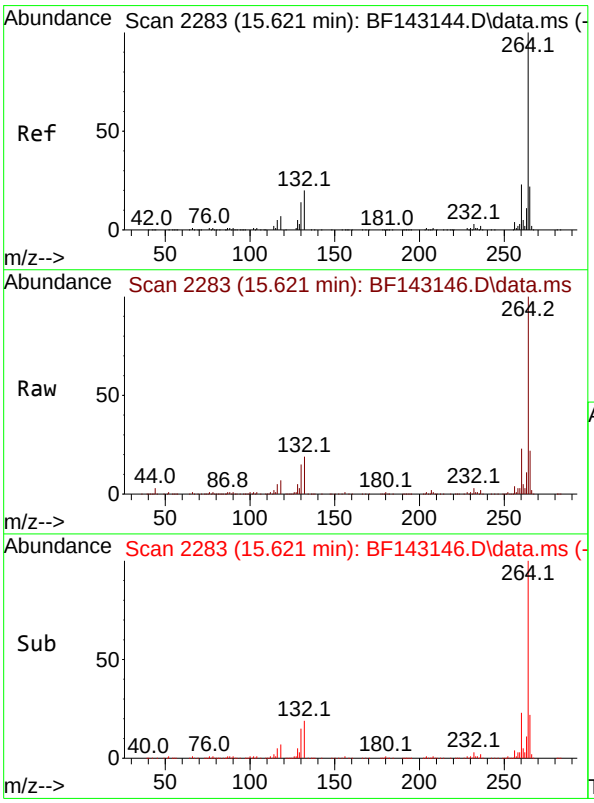

#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:149 Resp: 1196044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.0 | 9.7 | 14.5 |

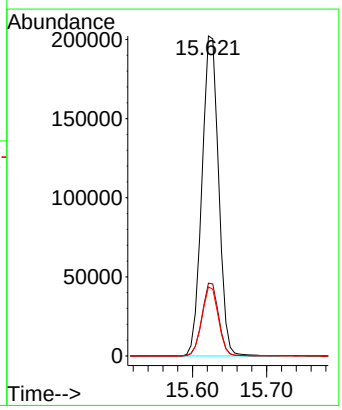


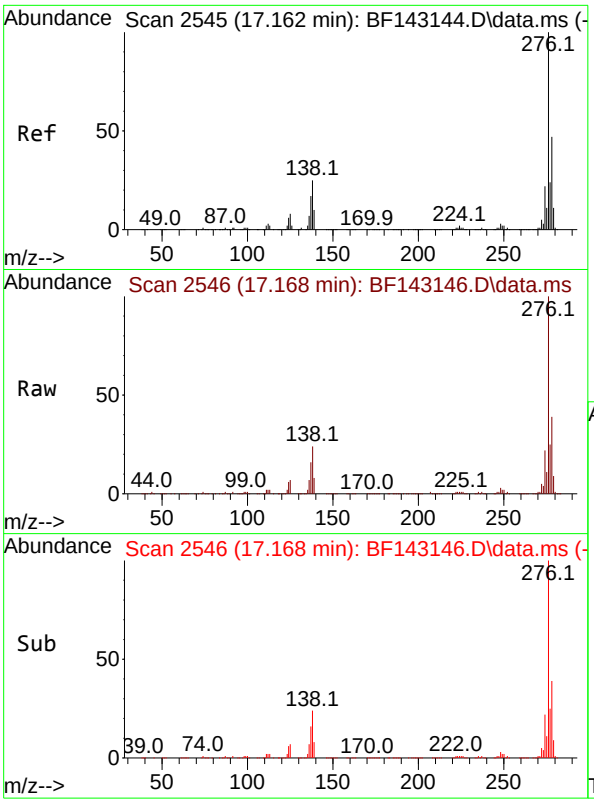




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:264 Resp: 315904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.5 | 27.7 |
| 265 | 21.5 | 17.4 | 26.2 |



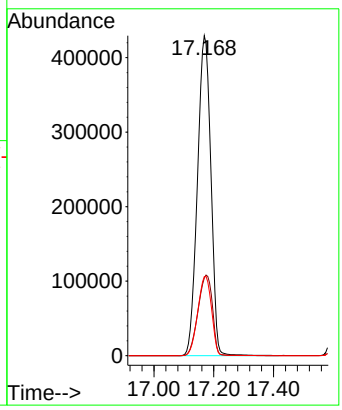


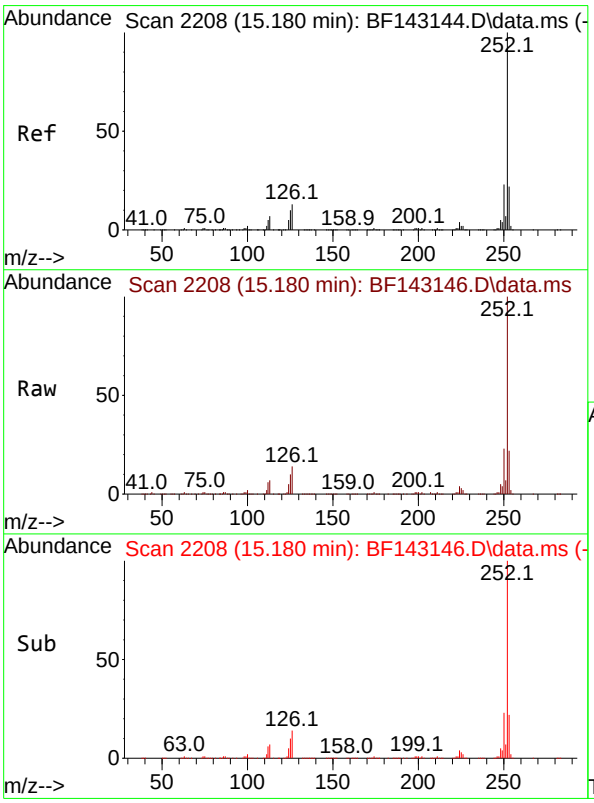

#87
Indeno(1,2,3-cd)pyrene
Concen: 60.037 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:276 Resp: 1337361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.8 | 32.6 |
| 277 | 25.4 | 20.0 | 30.0 |

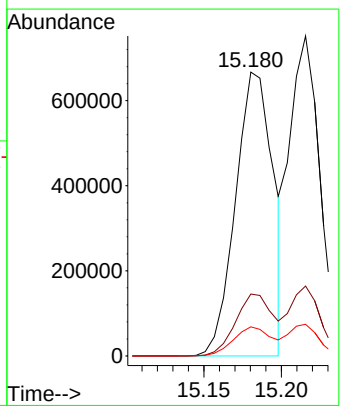


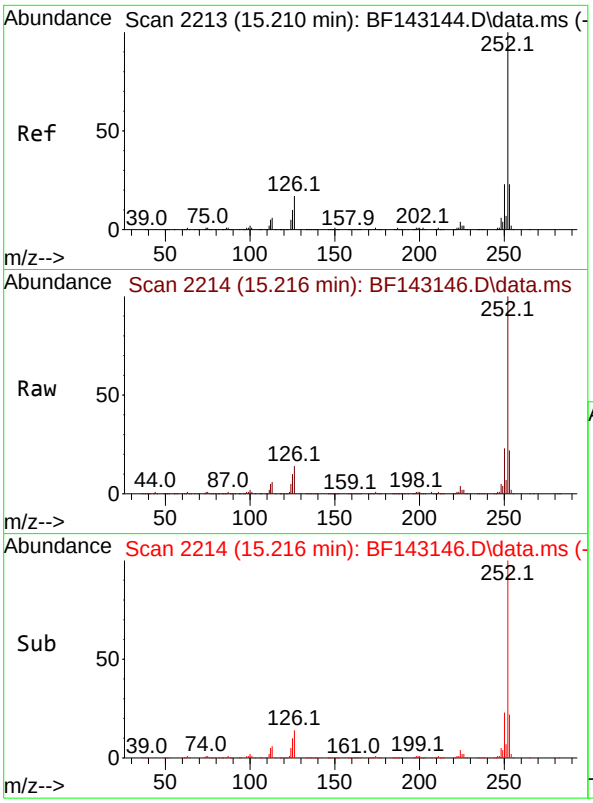




#88
Benzo(b)fluoranthene
Concen: 58.328 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1125667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |



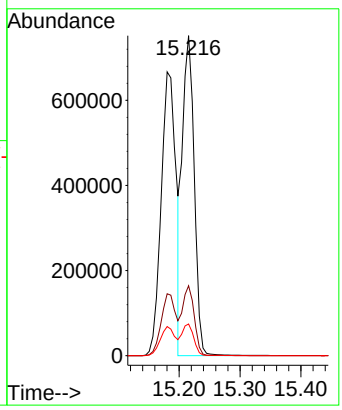


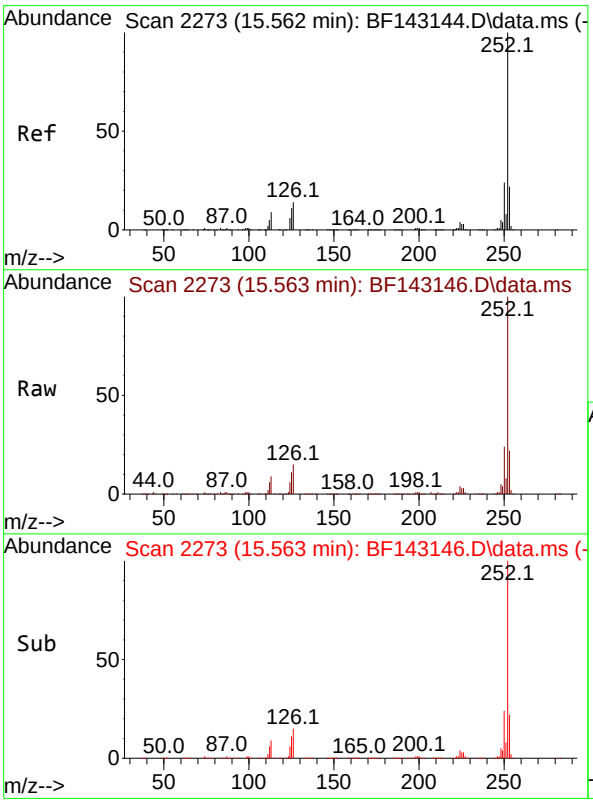

#89
Benzo(k)fluoranthene
Concen: 59.411 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:252 Resp: 1023132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.9 | 8.1 | 12.1 |

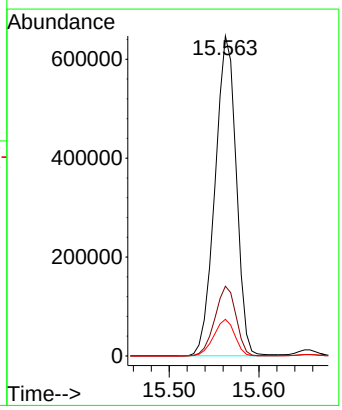


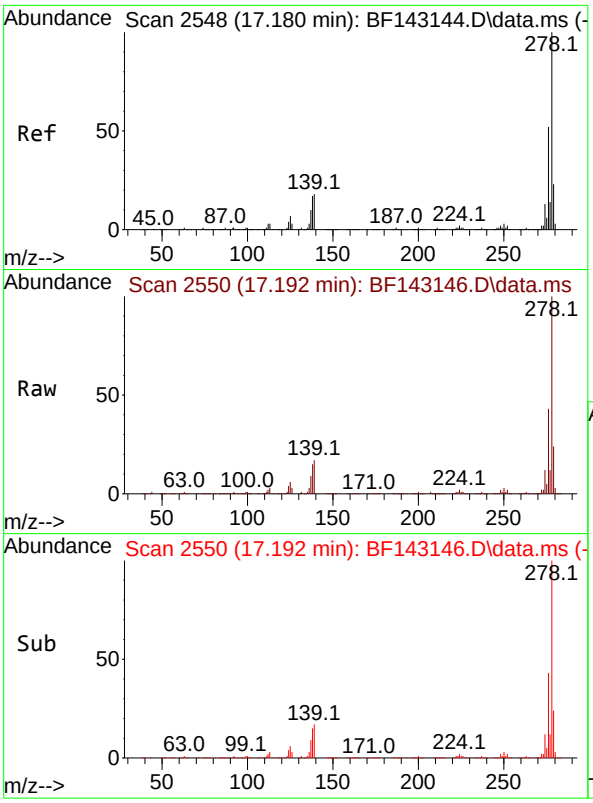




#90
Benzo(a)pyrene
Concen: 59.730 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:252 Resp: 1062049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 11.5 | 8.6 | 13.0 |



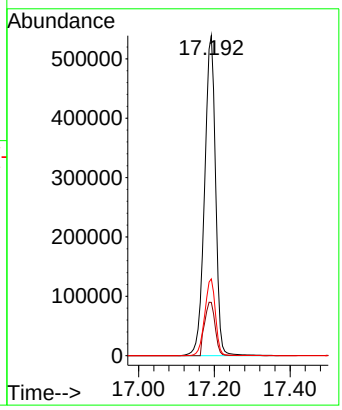


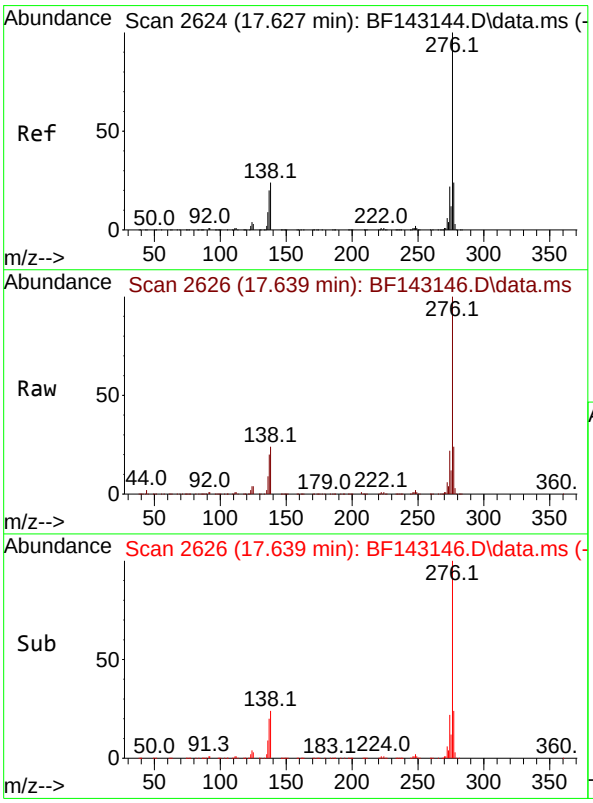

#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Tgt Ion:278 Resp: 1080768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 14.1 | 21.1 |
| 279 | 24.0 | 18.6 | 28.0 |

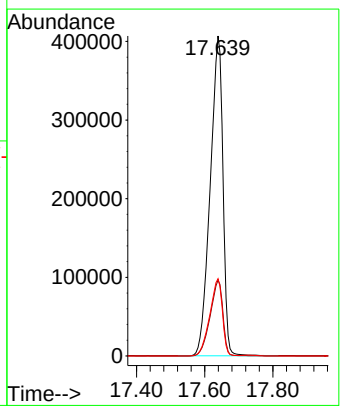



#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.1 | 28.7 |
| 138 | 24.2 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 145034 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 544516 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 275619 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 429046 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 245351 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 296687 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 1300344 | 141.880 | ng | | 0.00 |
| 7) Phenol-d6 | 6.593 | 99 | 1639937 | 142.159 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.534 | 82 | 1644581 | 150.551 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 437054 | 153.498 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2623071 | 130.157 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 2202828 | 133.606 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 323993 | 74.710 | ng | | 99 |
| 3) Pyridine | 3.569 | 79 | 842446 | 74.844 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.528 | 42 | 445612 | 76.677 | ng | | 97 |
| 6) Aniline | 6.628 | 93 | 1170943 | 72.831 | ng | | 98 |
| 8) 2-Chlorophenol | 6.751 | 128 | 699193 | 72.781 | ng | | 99 |
| 9) Benzaldehyde | 6.516 | 77 | 493544 | 57.055 | ng | | 99 |
| 10) Phenol | 6.610 | 94 | 927252 | 73.783 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 697645 | 72.503 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 734699 | 70.400 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 739462 | 70.360 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 709300 | 70.958 | ng | | 100 |
| 15) Benzyl Alcohol | 7.104 | 79 | 661847 | 75.139 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 1265589 | 70.902 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 595477 | 73.719 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 266665 | 73.293 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.387 | 70 | 528820 | 71.452 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.369 | 107 | 673906 | 68.763 | ng | # | 87 |
| 22) Acetophenone | 7.375 | 105 | 890890 | 69.107 | ng | # | 95 |
| 24) Nitrobenzene | 7.551 | 77 | 751964 | 73.836 | ng | | 100 |
| 25) Isophorone | 7.792 | 82 | 1453353 | 75.366 | ng | | 99 |
| 26) 2-Nitrophenol | 7.863 | 139 | 364951 | 82.568 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.898 | 122 | 649144 | 72.050 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.992 | 93 | 834021 | 72.134 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.104 | 162 | 558665 | 73.527 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 588333 | 71.673 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1854387 | 69.150 | ng | | 100 |
| 32) Benzoic acid | 8.028 | 122 | 409976 | 77.395 | ng | | 99 |
| 33) 4-Chloroaniline | 8.310 | 127 | 787243 | 71.895 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 368327 | 73.453 | ng | | 99 |
| 35) Caprolactam | 8.698 | 113 | 178271 | 77.644 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 614048 | 74.354 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 1137176 | 69.687 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 1168702 | 69.550 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 568070 | 71.389 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.122 | 237 | 412756 | 79.719 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 412148 | 74.838 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration

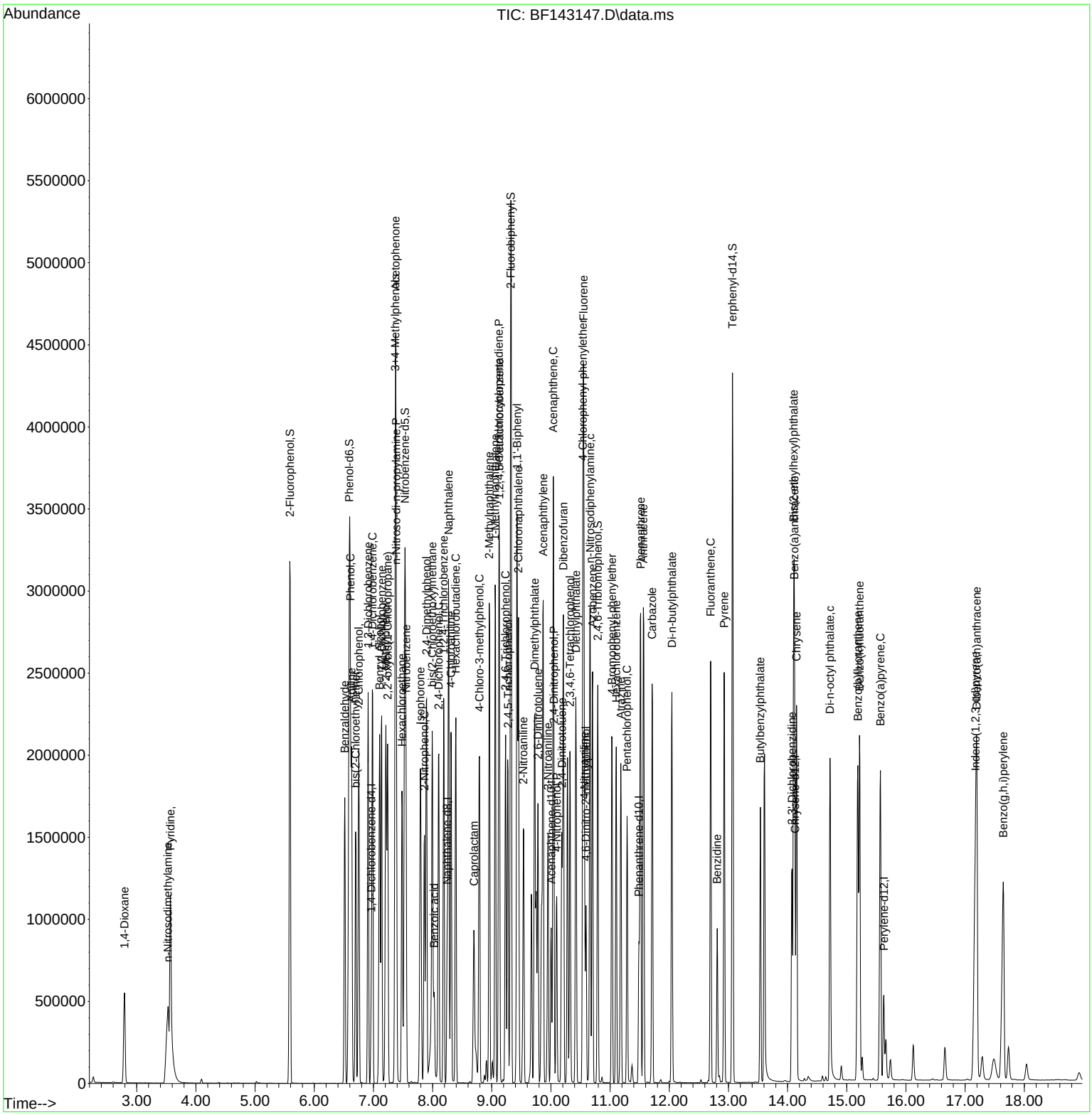
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 423565 | 76.888 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.428 | 154 | 1492094 | 69.388 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 1131626 | 71.122 | ng | | 100 |
| 48) 2-Nitroaniline | 9.534 | 65 | 404023 | 80.971 | ng | | 96 |
| 49) Acenaphthylene | 9.869 | 152 | 1868062 | 70.057 | ng | | 100 |
| 50) Dimethylphthalate | 9.728 | 163 | 1288559 | 71.723 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.781 | 165 | 292718 | 80.093 | ng | | 99 |
| 52) Acenaphthene | 10.039 | 154 | 1120315 | 71.086 | ng | | 99 |
| 53) 3-Nitroaniline | 9.951 | 138 | 333980 | 78.128 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 133446 | 80.516 | ng | # | 40 |
| 55) Dibenzofuran | 10.210 | 168 | 1615399 | 69.038 | ng | | 99 |
| 56) 4-Nitrophenol | 10.098 | 139 | 252698 | 79.161 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.186 | 165 | 376124 | 82.029 | ng | | 96 |
| 58) Fluorene | 10.551 | 166 | 1197731 | 68.203 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 340118 | 74.533 | ng | | 100 |
| 60) Diethylphthalate | 10.422 | 149 | 1276217 | 71.870 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 614962 | 70.326 | ng | | 99 |
| 62) 4-Nitroaniline | 10.569 | 138 | 291926 | 79.680 | ng | | 98 |
| 63) Azobenzene | 10.704 | 77 | 1318720 | 71.255 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 186415 | 78.948 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.663 | 169 | 1087990 | 72.014 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 382122 | 74.734 | ng | | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 399107 | 74.680 | ng | | 96 |
| 69) Atrazine | 11.180 | 200 | 324126 | 77.819 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 257176 | 81.829 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 1602208 | 70.331 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 1641264 | 70.640 | ng | | 100 |
| 73) Carbazole | 11.710 | 167 | 1435444 | 70.754 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1699503 | 74.034 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1498103 | 71.645 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 496717 | 52.548 | ng | | 100 |
| 78) Pyrene | 12.927 | 202 | 1466205 | 70.021 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 521631 | 81.353 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 1212056 | 73.788 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 393448 | 71.867 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 1105636 | 74.863 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 774366 | 79.790 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.716 | 149 | 1434055 | 81.519 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.174 | 276 | 1604969 | 76.718 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.186 | 252 | 1438518 | 79.367 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 1111726 | 68.737 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.568 | 252 | 1269253 | 76.006 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 1289789 | 75.746 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 1265778 | 76.846 | ng | | 100 |

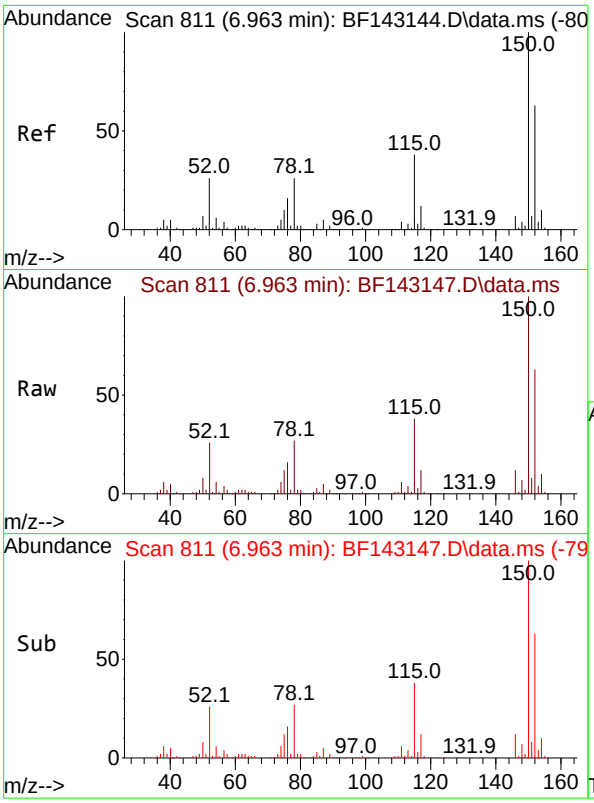
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143147.D
Acq On : 17 Jul 2025 14:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 17 15:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration



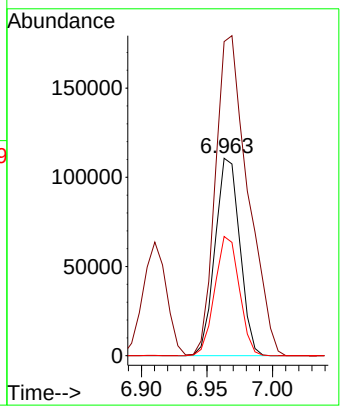


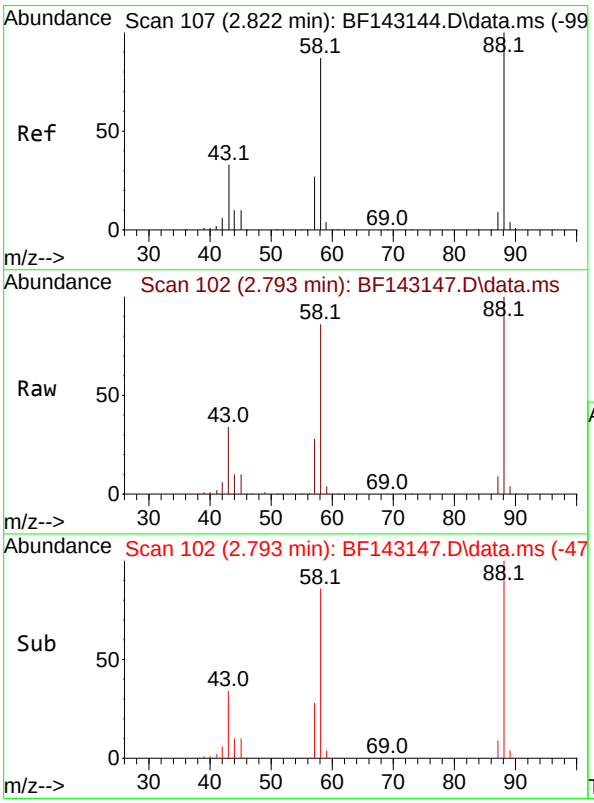

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp: 145034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 128.2 | 192.4 |
| 115 | 60.4 | 47.9 | 71.9 |

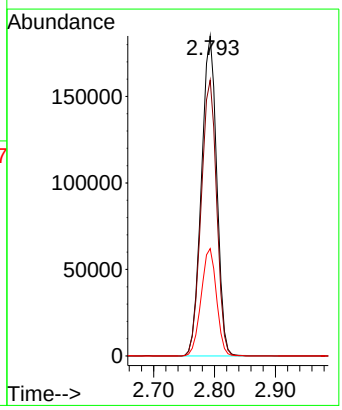


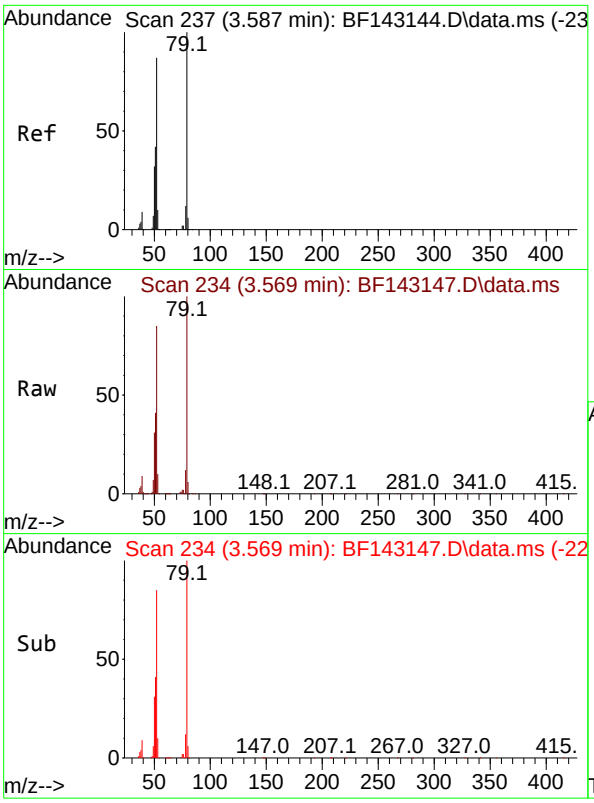




#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 88 Resp: 323993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.8 | 70.2 | 105.2 |
| 43 | 33.6 | 27.1 | 40.7 |



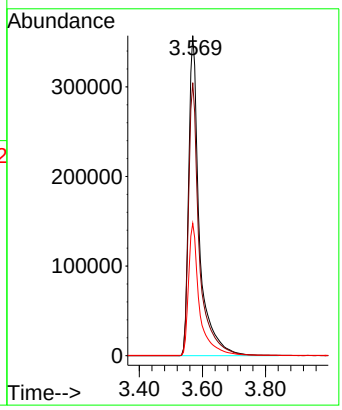


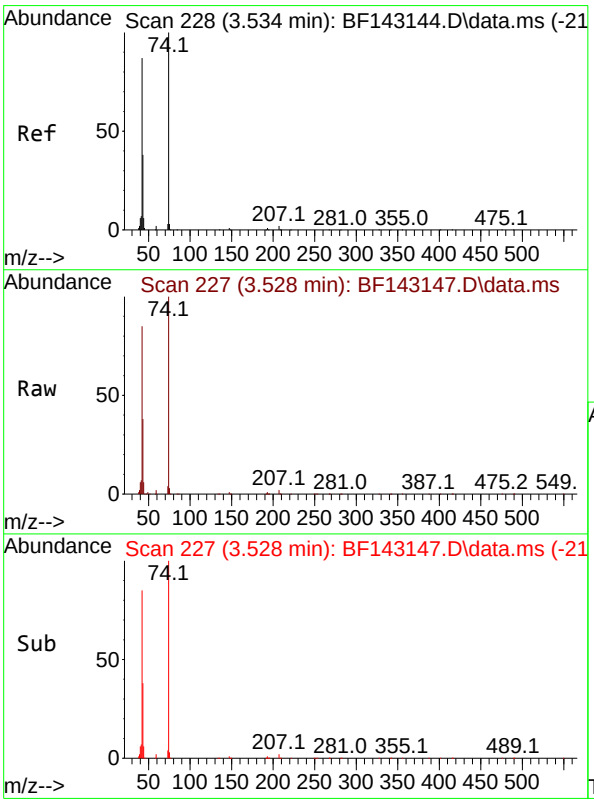

#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 842446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.3 | 69.4 | 104.2 |
| 51 | 41.4 | 33.5 | 50.3 |

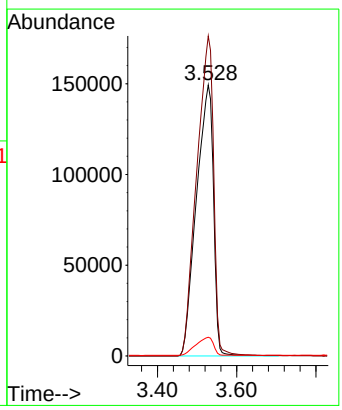


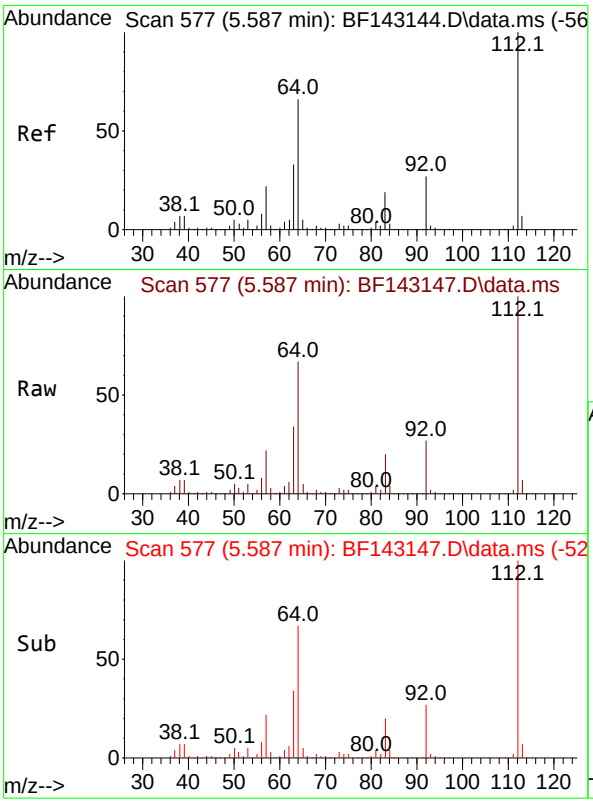




#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 42 Resp: 445612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.0 | 91.7 | 137.5 |
| 44 | 6.9 | 5.6 | 8.4 |



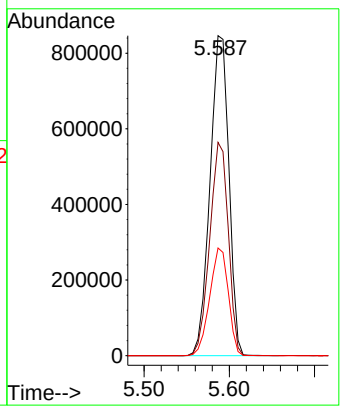


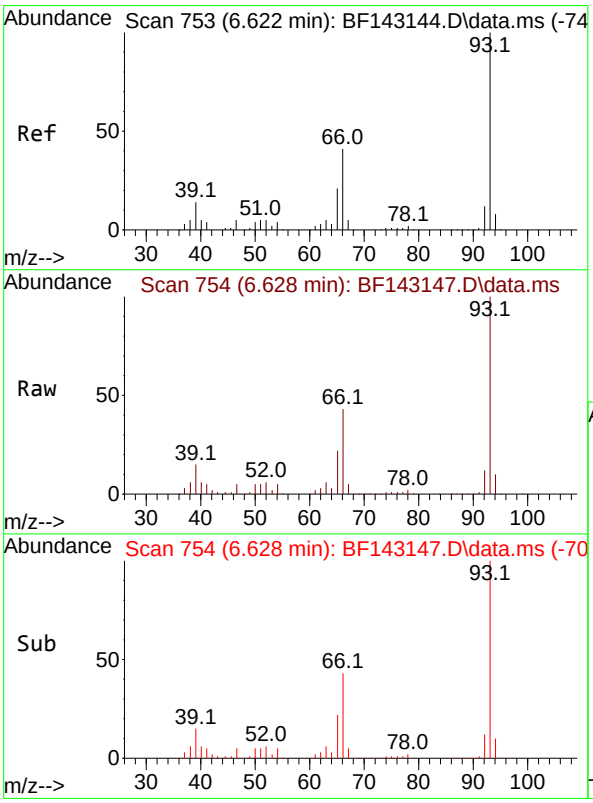

#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:112 Resp: 1300344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 53.1 | 79.7 |
| 63 | 33.6 | 26.6 | 40.0 |

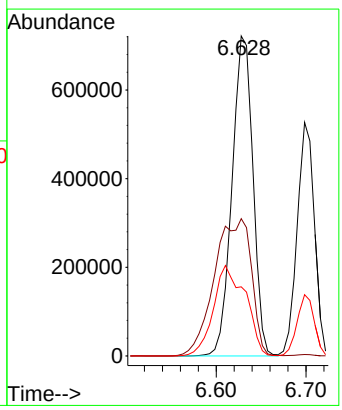


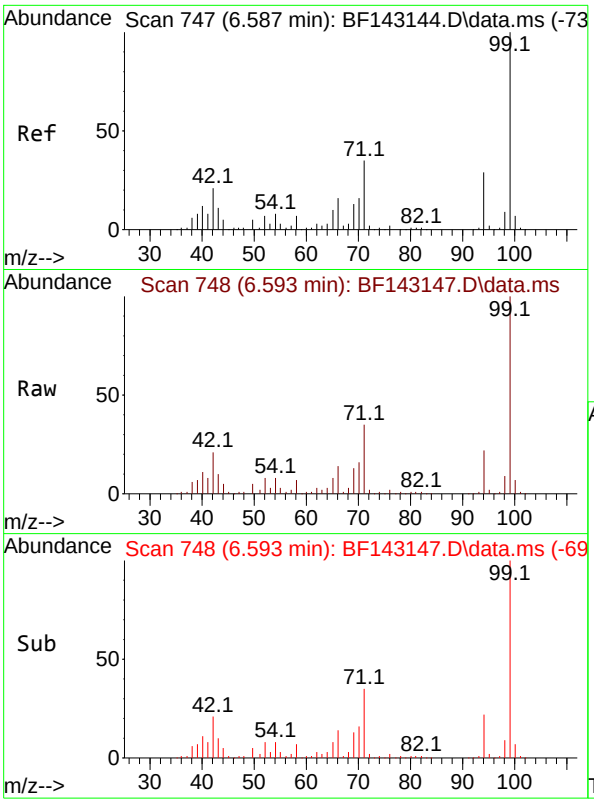




#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.9 | 33.2 | 49.8 |
| 65 | 21.6 | 16.9 | 25.3 |



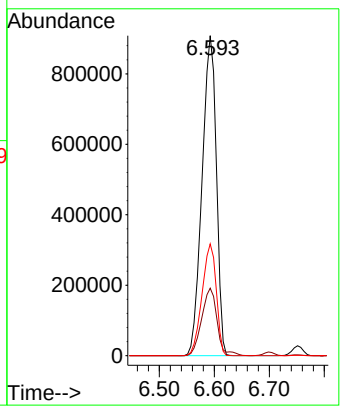


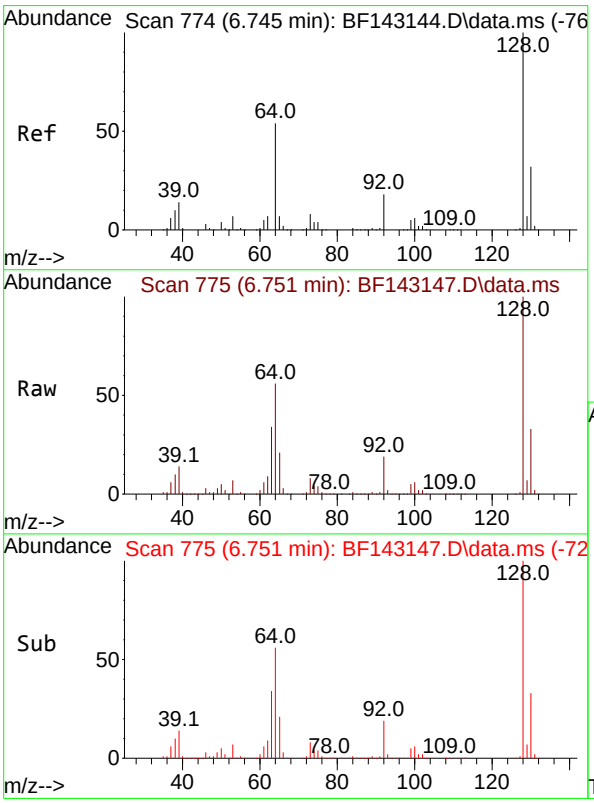

#7
Phenol-d6
Concen: 142.159 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 99 Resp: 1639937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.1 | 17.0 | 25.6 |
| 71 | 35.0 | 27.7 | 41.5 |

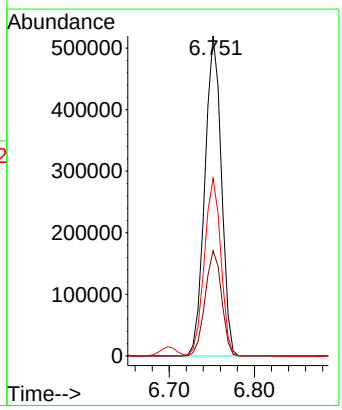


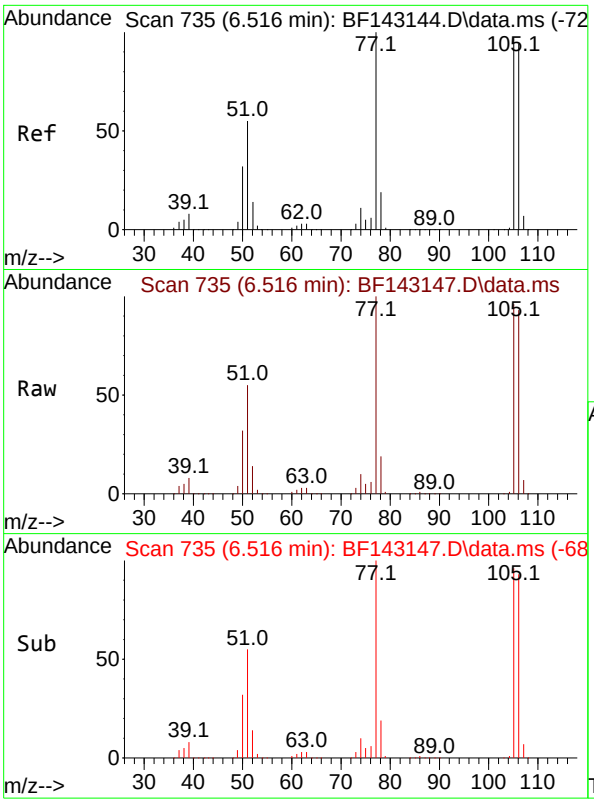




#8
2-Chlorophenol
Concen: 72.781 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:128 Resp: 699193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 55.5 | 35.9 | 75.9 |



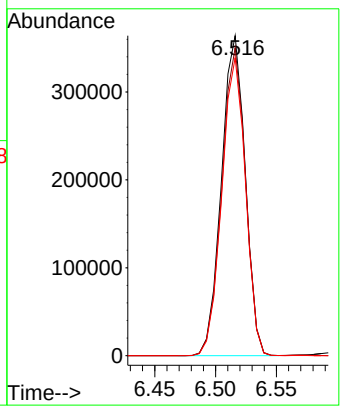


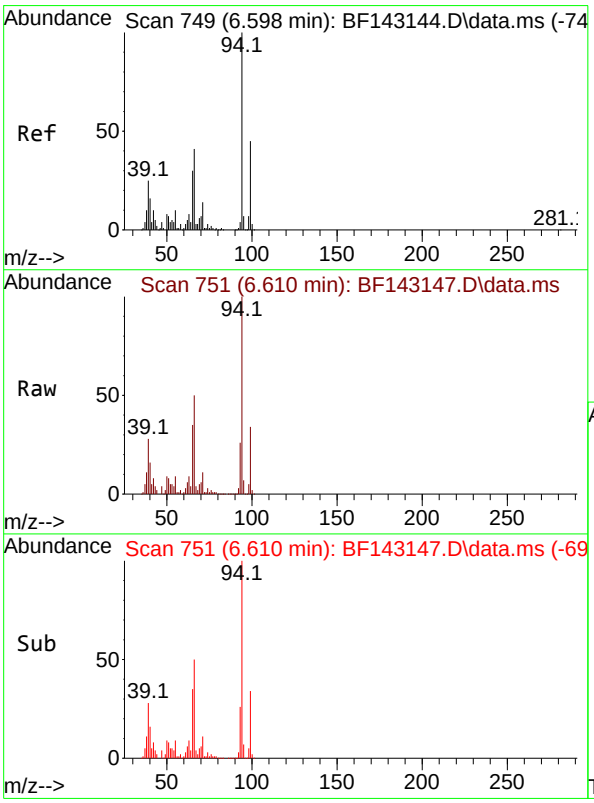

#9
Benzaldehyde
Concen: 57.055 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 493544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.2 | 76.8 | 116.8 |
| 106 | 93.1 | 74.4 | 114.4 |

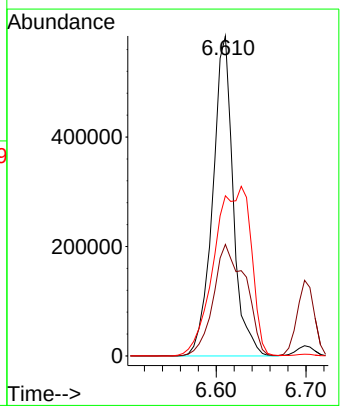


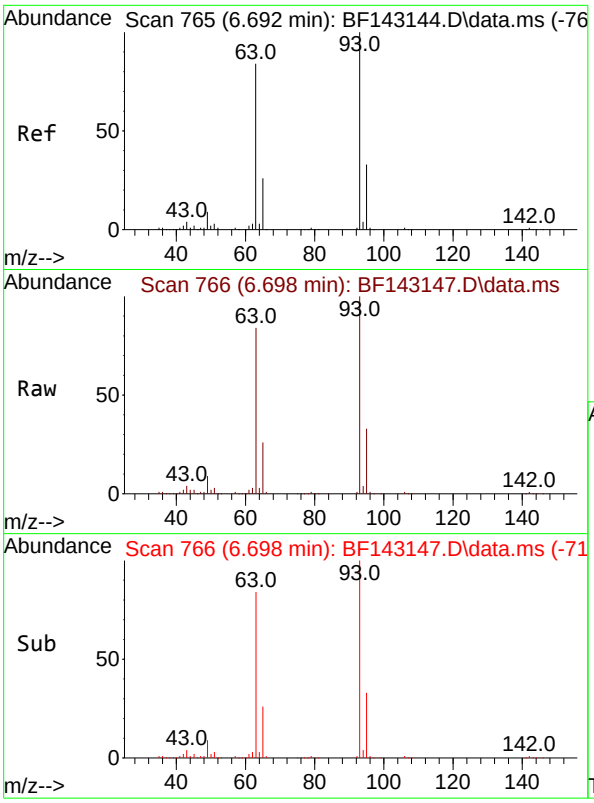




#10
Phenol
Concen: 73.783 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 94 Resp: 927252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.9 | 10.0 | 50.0 |
| 66 | 50.1 | 20.8 | 60.8 |



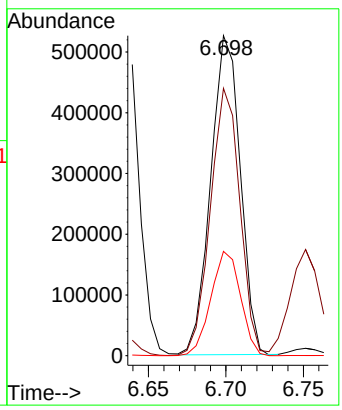


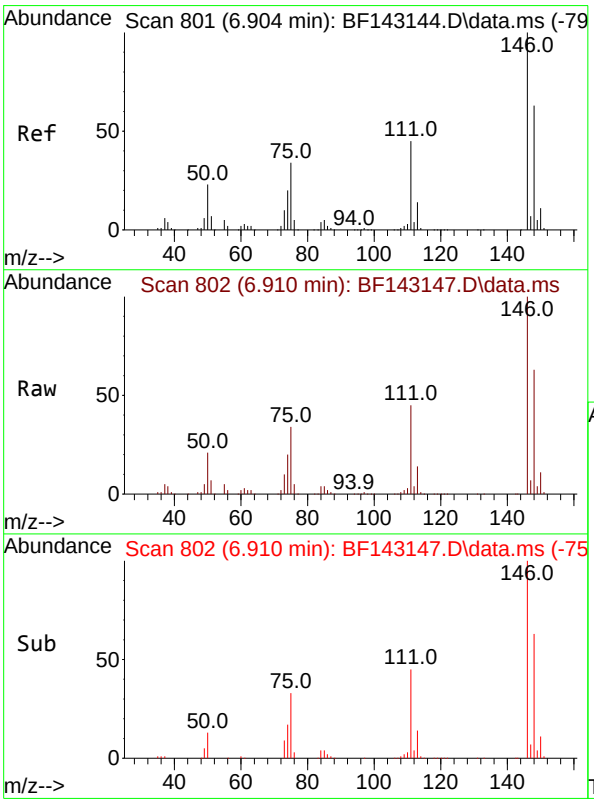

#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 93 Resp: 697645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.6 | 63.4 | 103.4 |
| 95 | 32.6 | 12.4 | 52.4 |

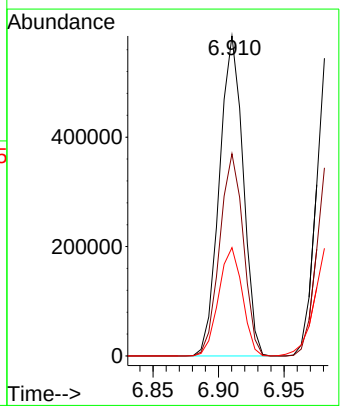


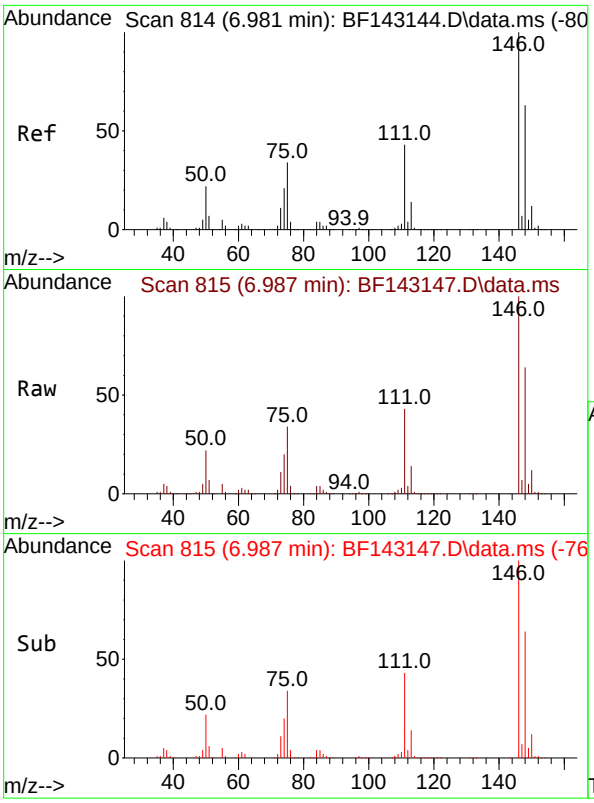




#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 734699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.6 | 76.0 |
| 75 | 33.9 | 27.4 | 41.2 |



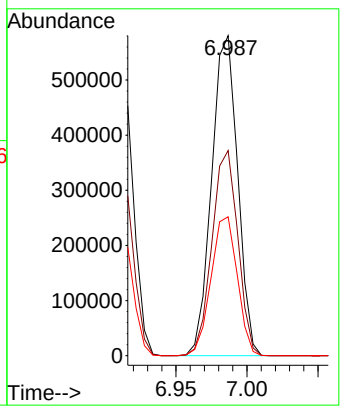


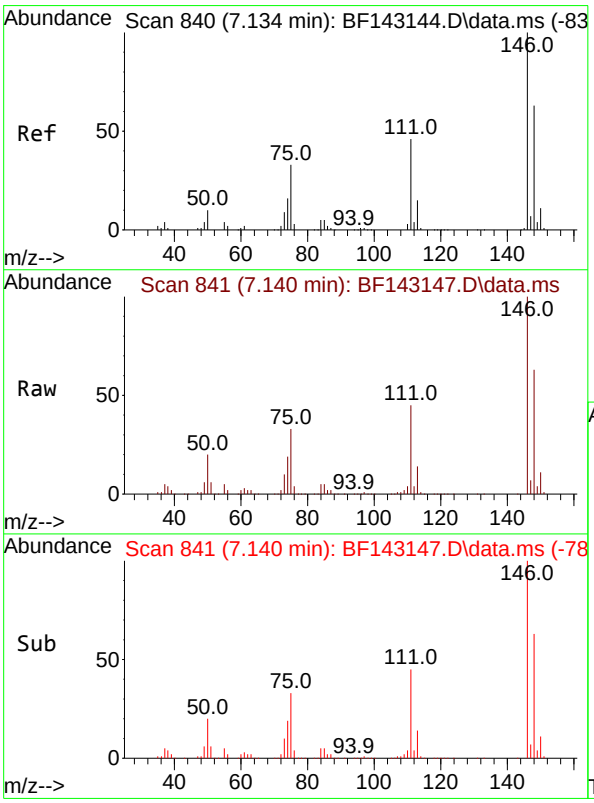

#13
1,4-Dichlorobenzene
Concen: 70.360 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:146 Resp: 739462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.3 | 75.5 |
| 111 | 43.4 | 34.4 | 51.6 |

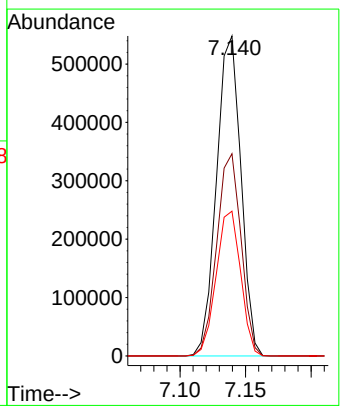


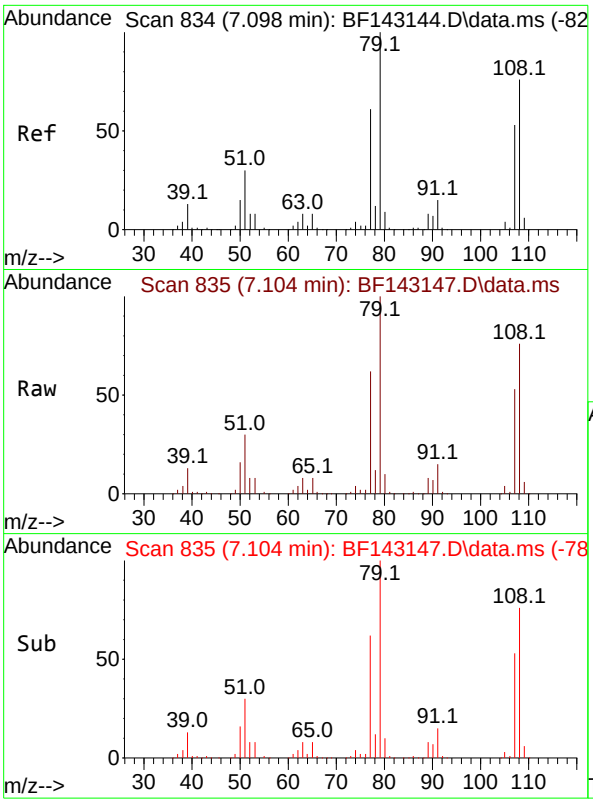




#14
1,2-Dichlorobenzene
Concen: 70.958 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:146 Resp: 709300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.7 | 76.1 |
| 111 | 45.3 | 36.6 | 54.8 |



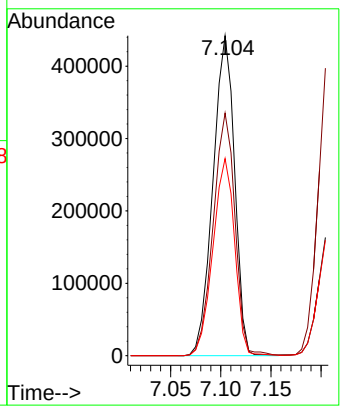


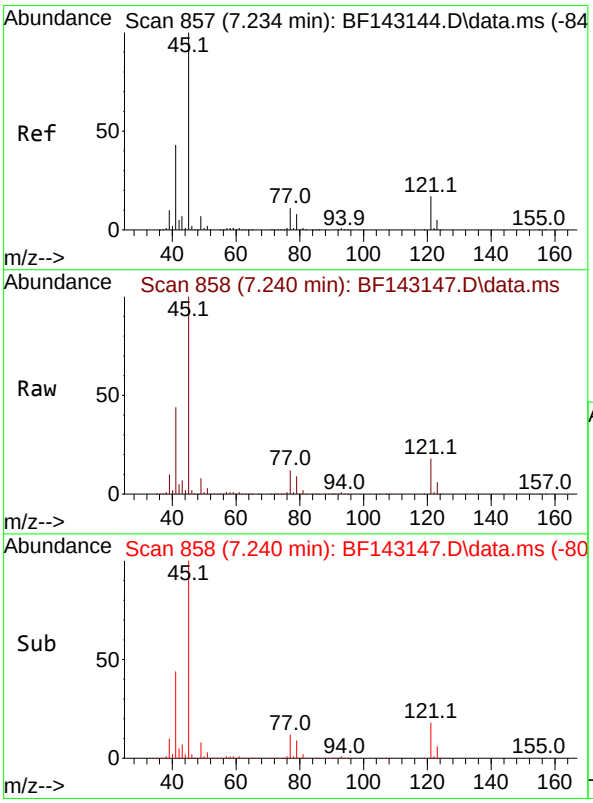

#15
Benzyl Alcohol
Concen: 75.139 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 661847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.8 | 61.1 | 91.7 |
| 77 | 61.6 | 48.9 | 73.3 |

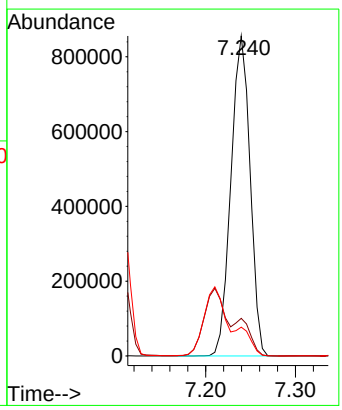


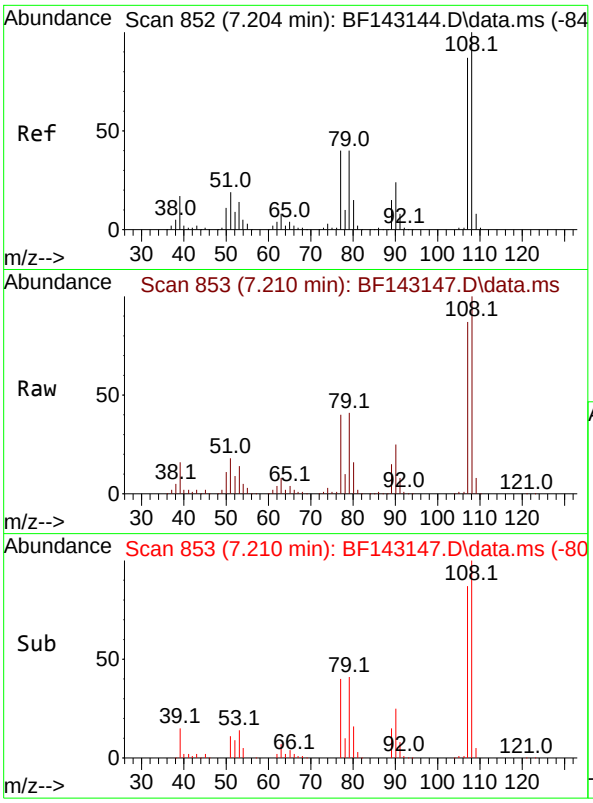




#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.902 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 45 Resp: 1265589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.8 | 0.0 | 31.2 |
| 79 | 9.0 | 0.0 | 28.5 |



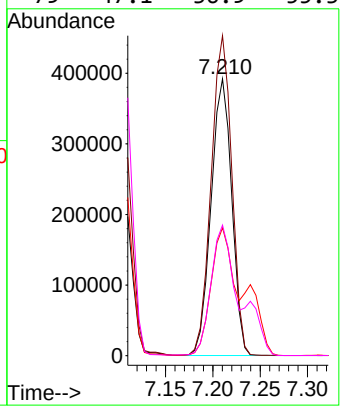


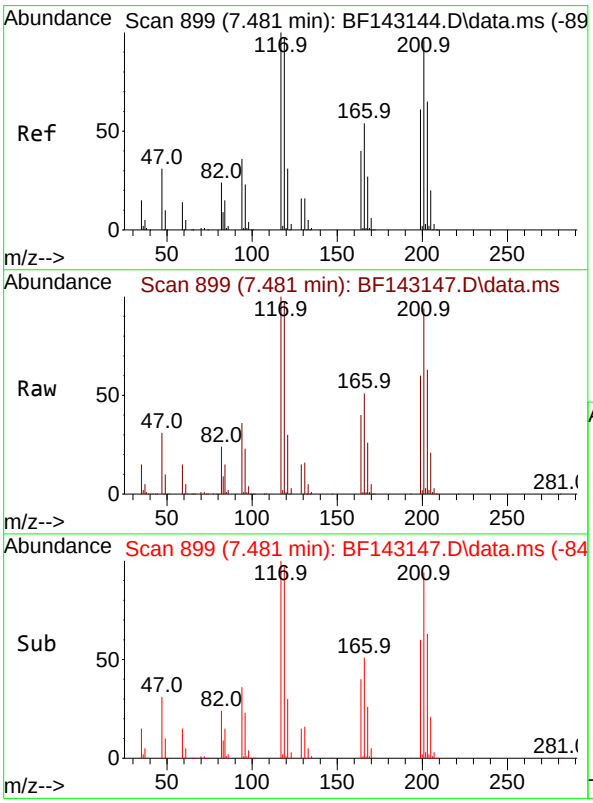

#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:107 Resp: 595477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 91.8 | 137.6 |
| 77 | 46.2 | 37.0 | 55.6 |
| 79 | 47.1 | 36.9 | 55.3 |

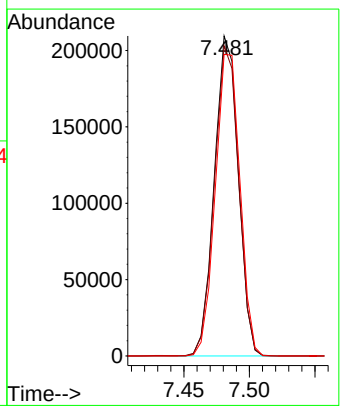


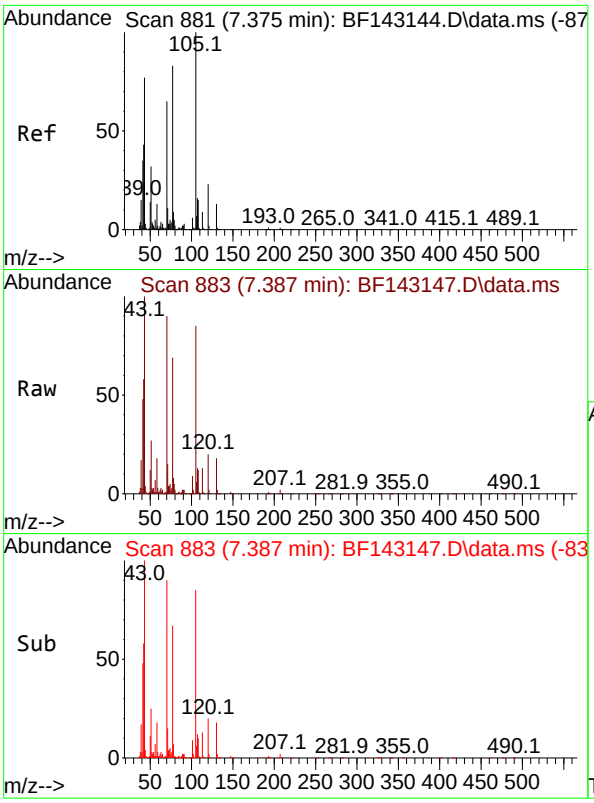




#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.8 | 116.8 |
| 201 | 94.3 | 77.0 | 115.4 |



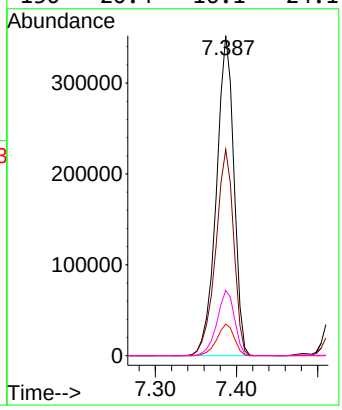


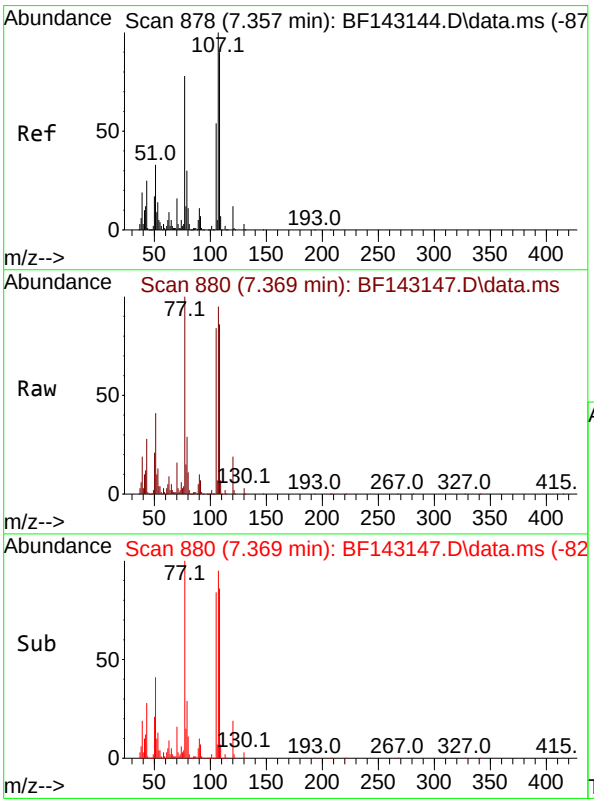

#19
n-Nitroso-di-n-propylamine
Concen: 71.452 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 70 Resp: 528820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.4 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.4 | 16.1 | 24.1 |

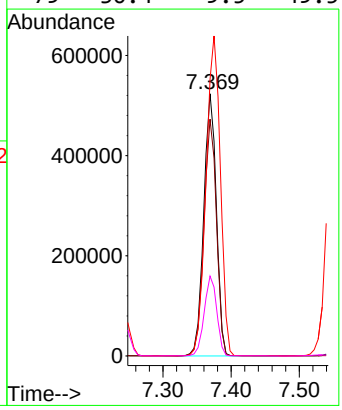


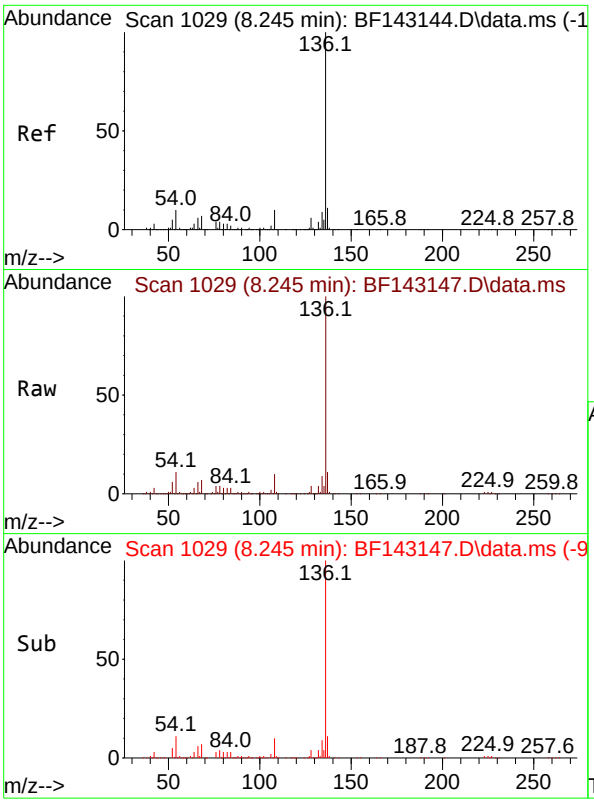




#20
3+4-Methylphenols
Concen: 68.763 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 70.0 | 110.0 |
| 77 | 105.4 | 57.8 | 97.8# |
| 79 | 30.4 | 9.5 | 49.5 |



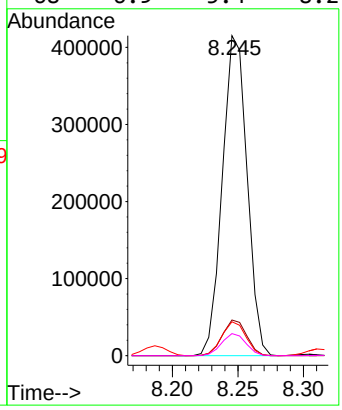


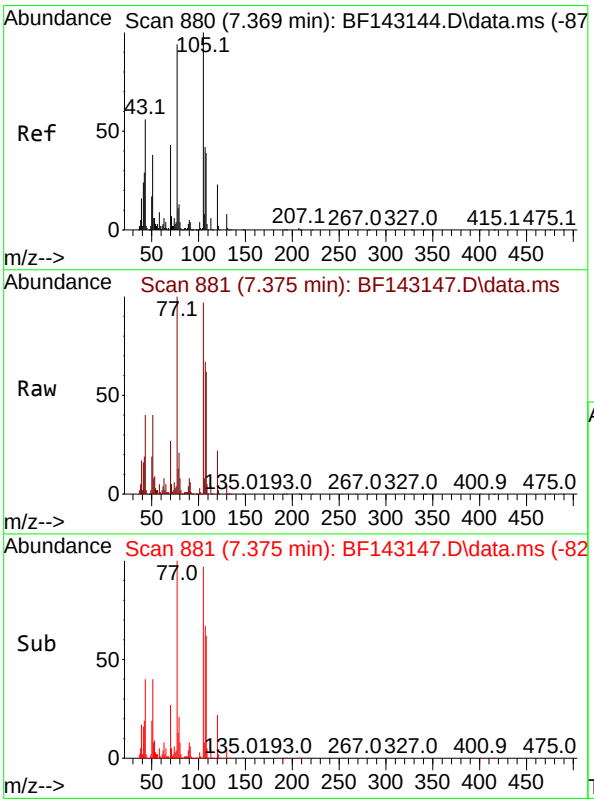

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:136 Resp: 544516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |

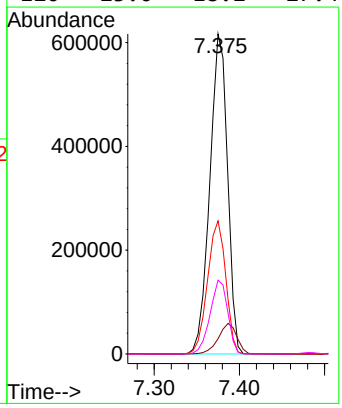


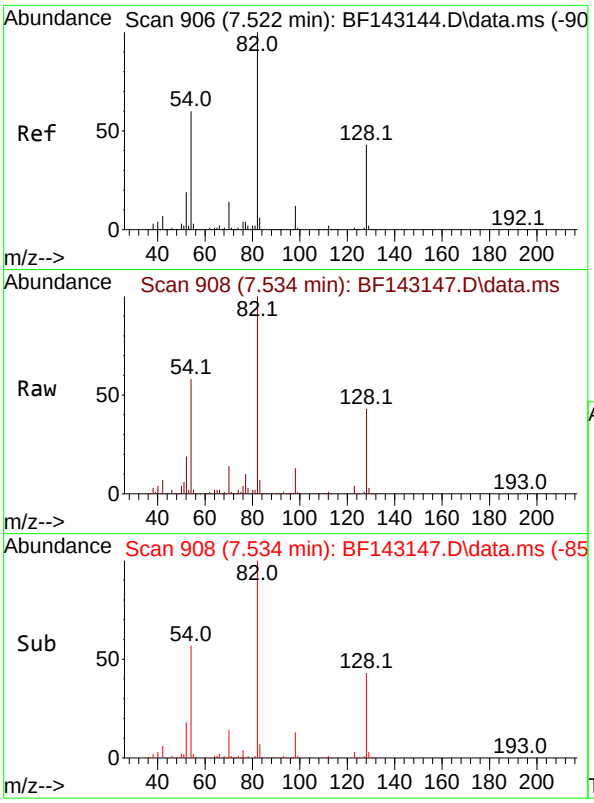




#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 5.8 | 8.6# |
| 51 | 41.6 | 30.2 | 45.2 |
| 120 | 23.0 | 18.2 | 27.4 |



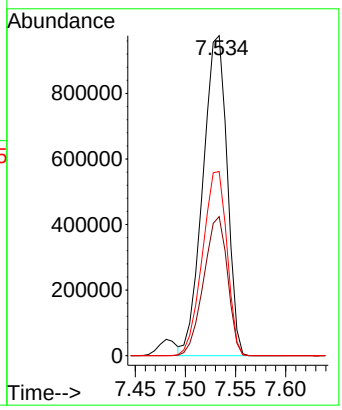


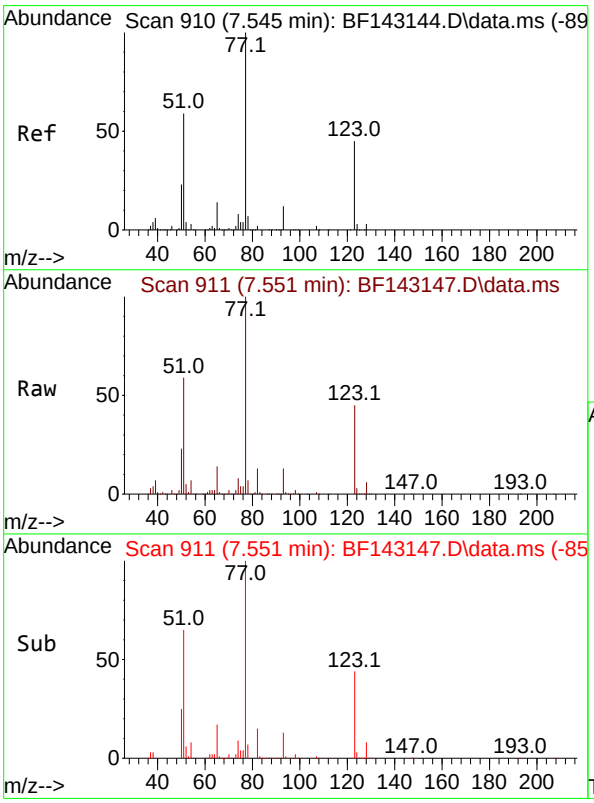

#23
Nitrobenzene-d5
Concen: 150.551 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 1644581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 33.6 | 50.4 |
| 54 | 57.5 | 47.1 | 70.7 |

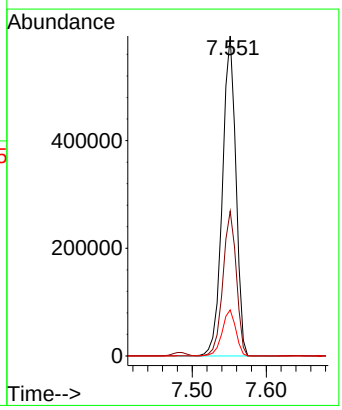


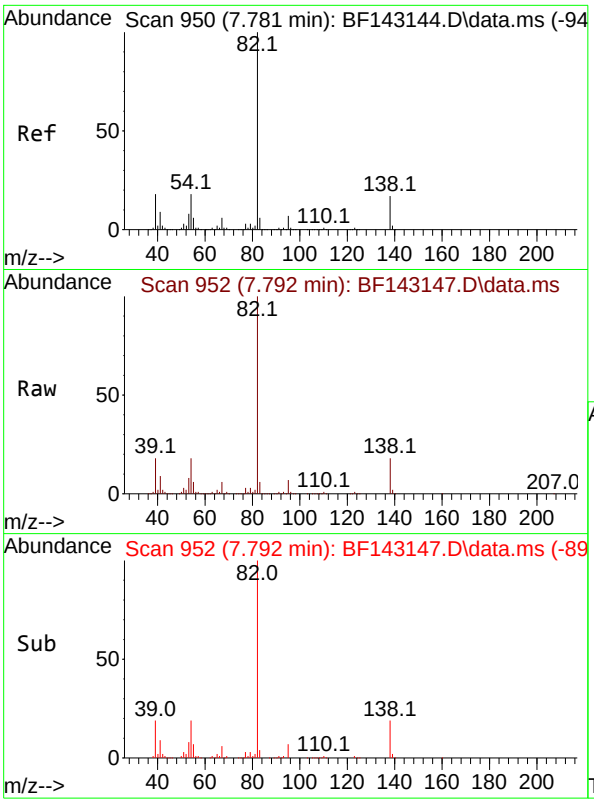




#24
Nitrobenzene
Concen: 73.836 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 77 Resp: 751964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.2 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |



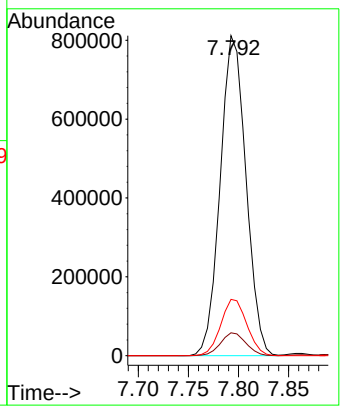


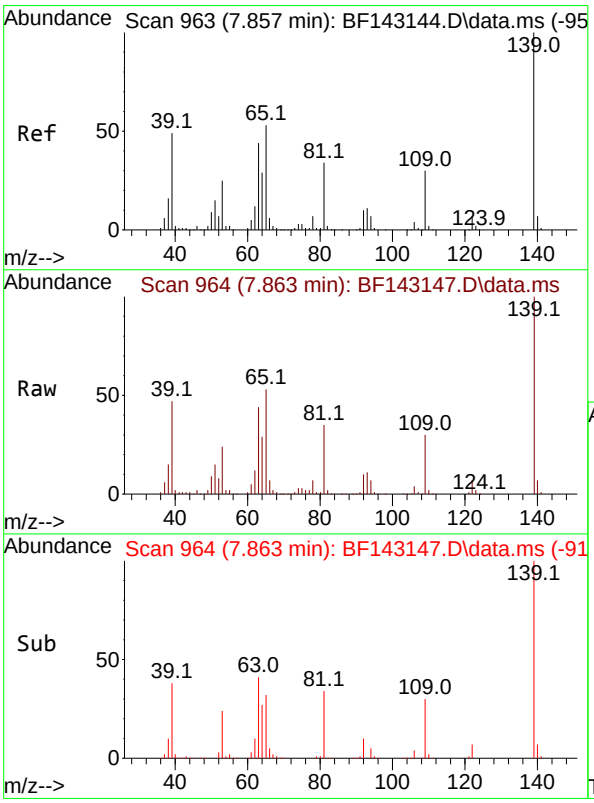

#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 1453353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |

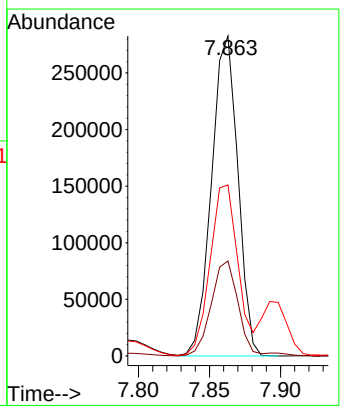


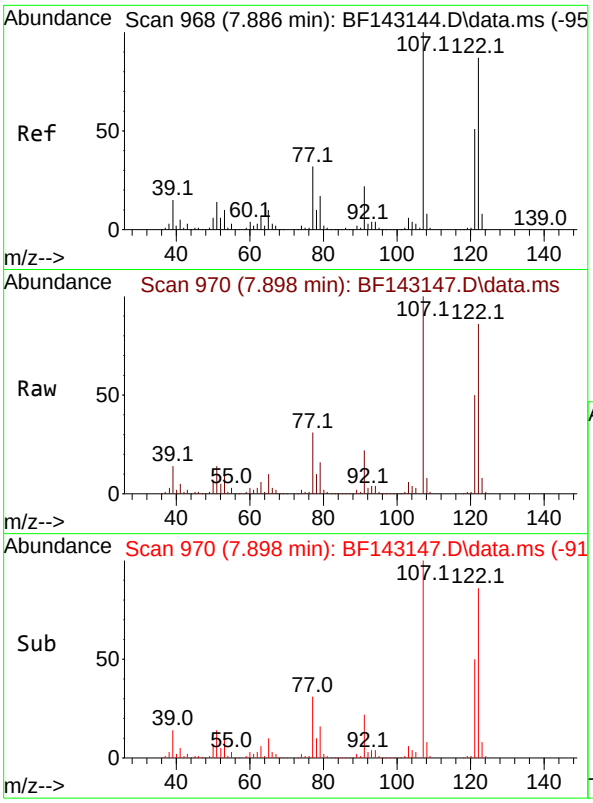




#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.7 | 23.6 | 35.4 |
| 65 | 53.4 | 42.6 | 64.0 |



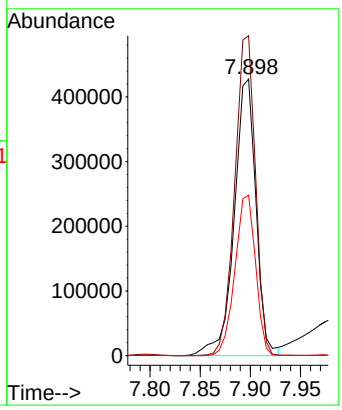


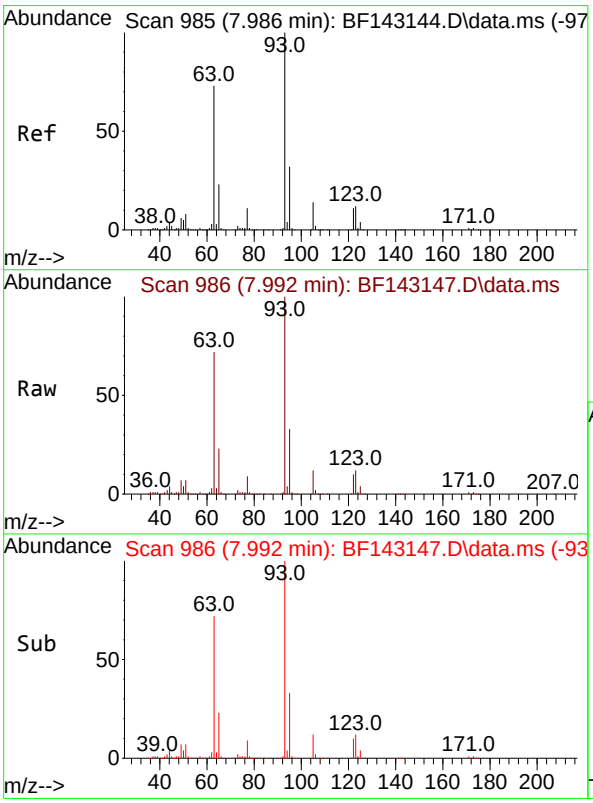

#27
2,4-Dimethylphenol
Concen: 72.050 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:122 Resp: 649144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 91.8 | 137.6 |
| 121 | 58.0 | 46.3 | 69.5 |

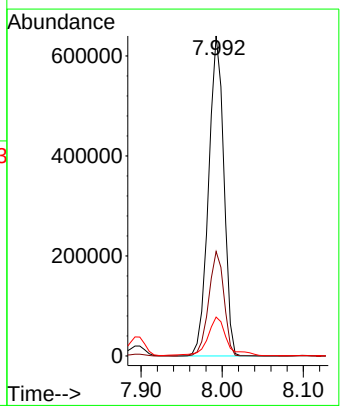


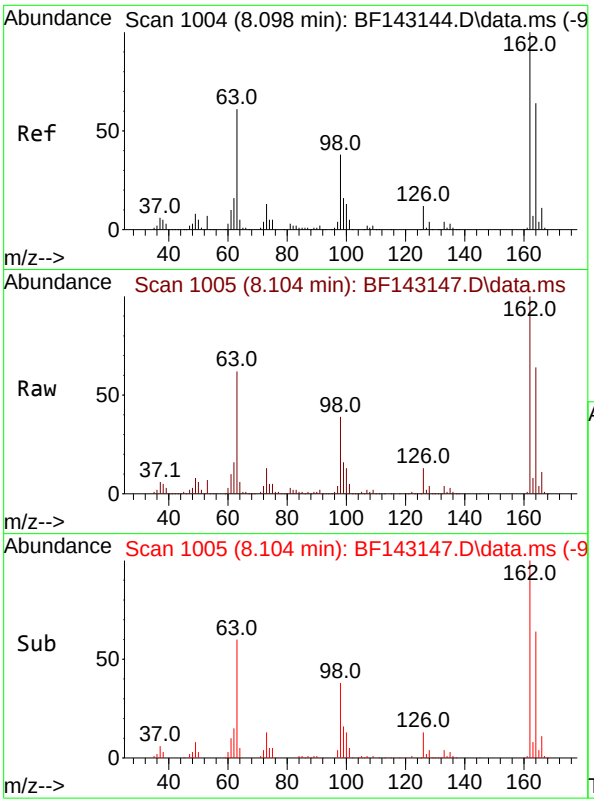




#28
bis(2-Chloroethoxy)methane
Concen: 72.134 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 834021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |



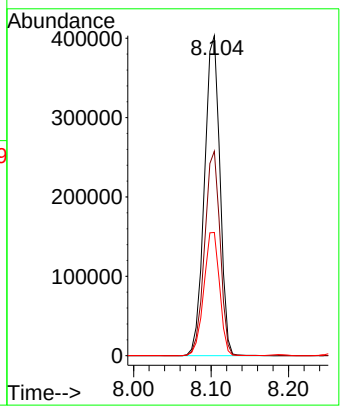


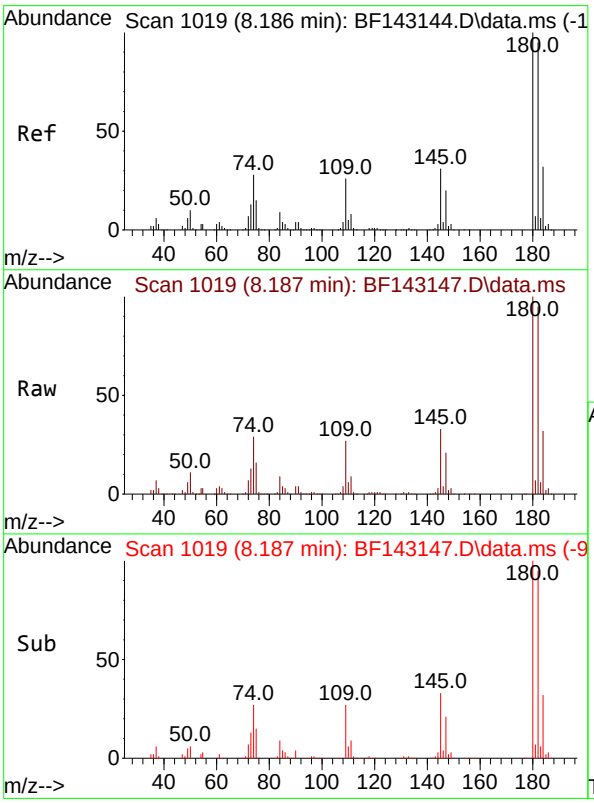

#29
2,4-Dichlorophenol
Concen: 73.527 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 558665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.9 | 44.2 | 84.2 |
| 98 | 38.5 | 17.9 | 57.9 |

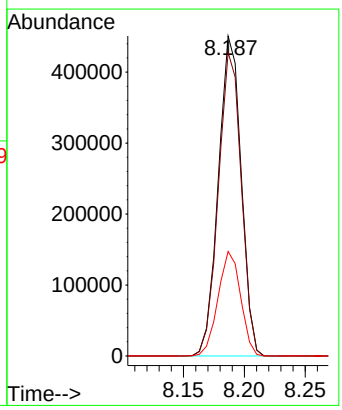


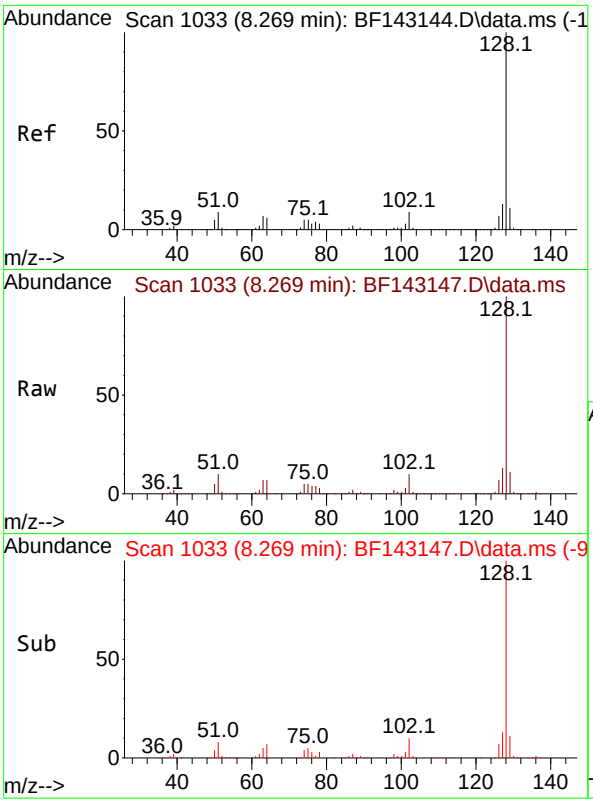




#30
1,2,4-Trichlorobenzene
Concen: 71.673 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:180 Resp: 588333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 76.2 | 114.2 |
| 145 | 32.7 | 25.0 | 37.6 |



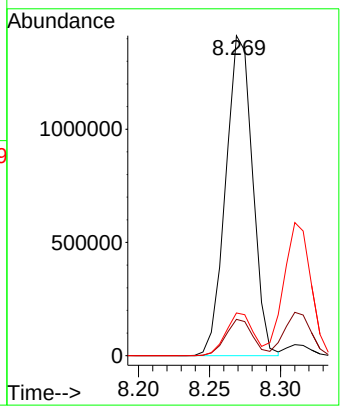


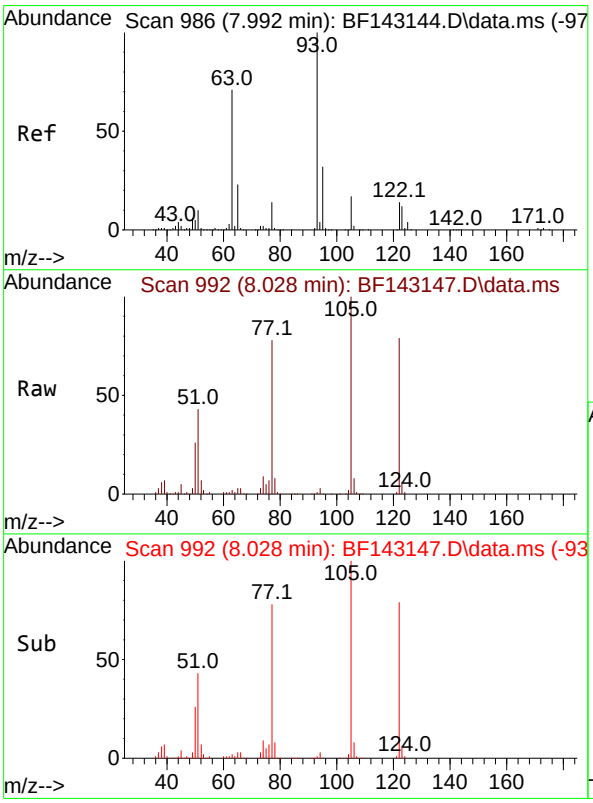

#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:128 Resp: 1854387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

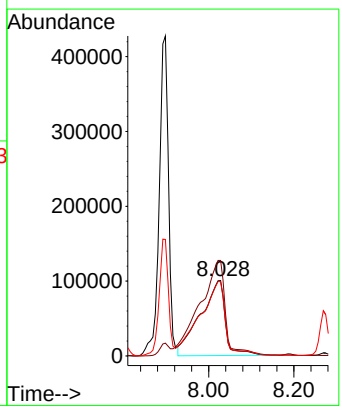


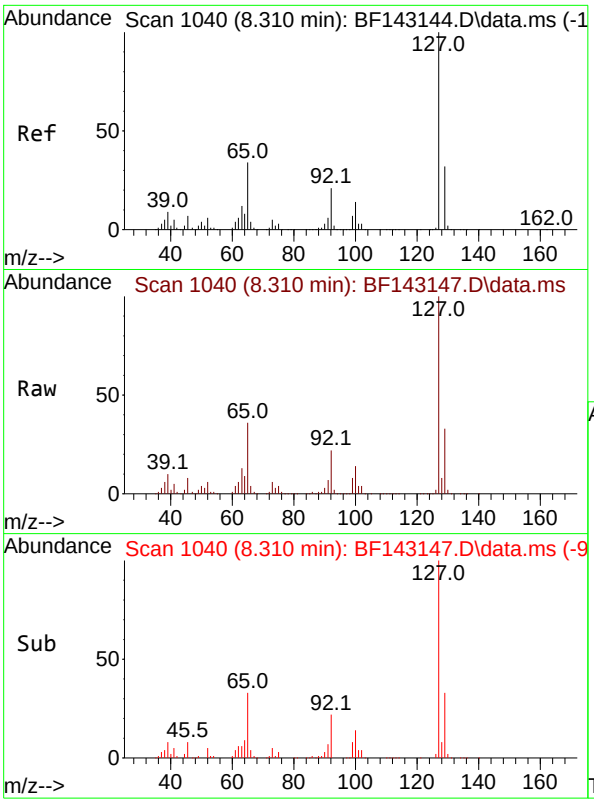




#32
Benzoic acid
Concen: 77.395 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:122 Resp: 409976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.7 | 104.8 | 144.8 |
| 77 | 98.6 | 77.6 | 117.6 |



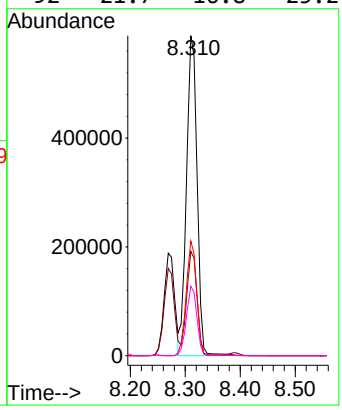


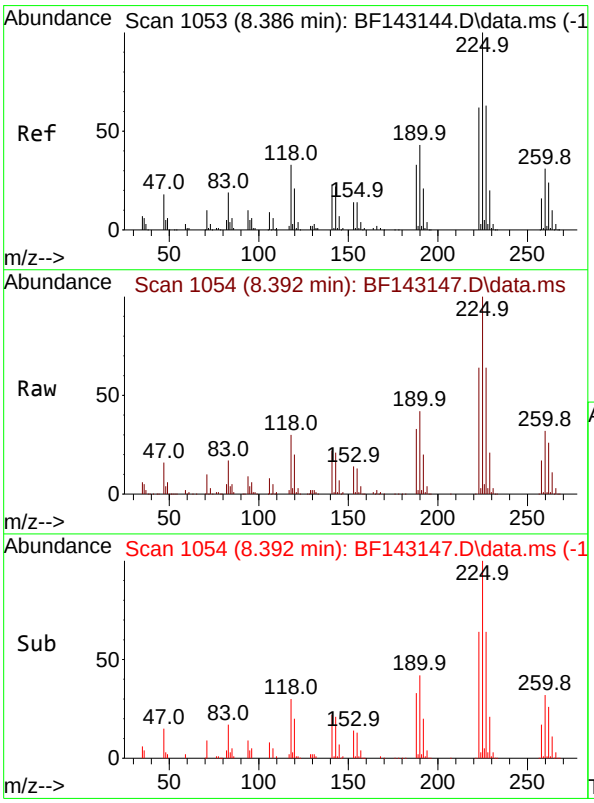

#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:127 Resp: 787243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 35.9 | 27.4 | 41.2 |
| 92 | 21.7 | 16.8 | 25.2 |

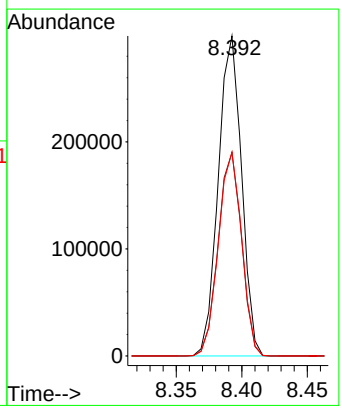


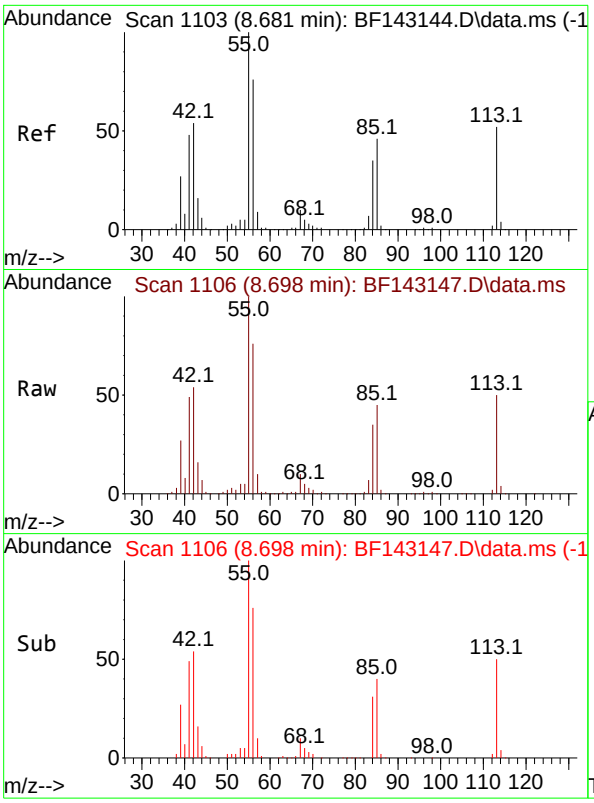




#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:225 Resp: 368327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |



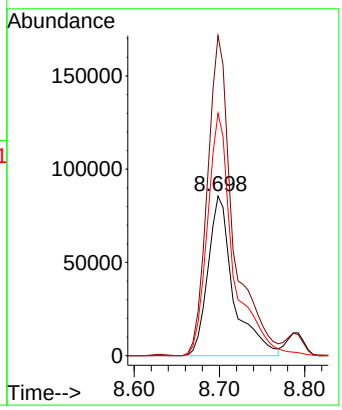


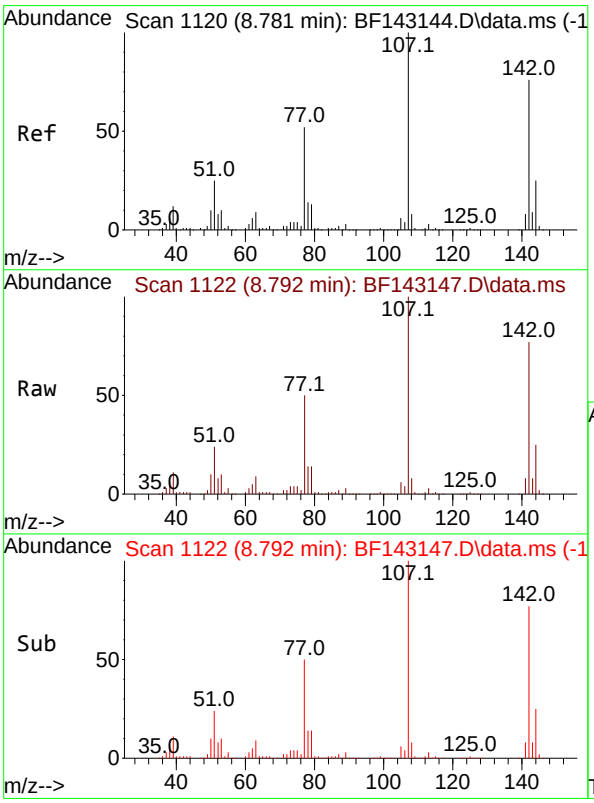

#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:113 Resp: 178271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.6 | 174.0 | 214.0 |
| 56 | 152.0 | 126.6 | 166.6 |

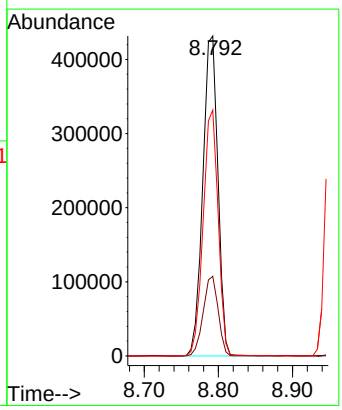


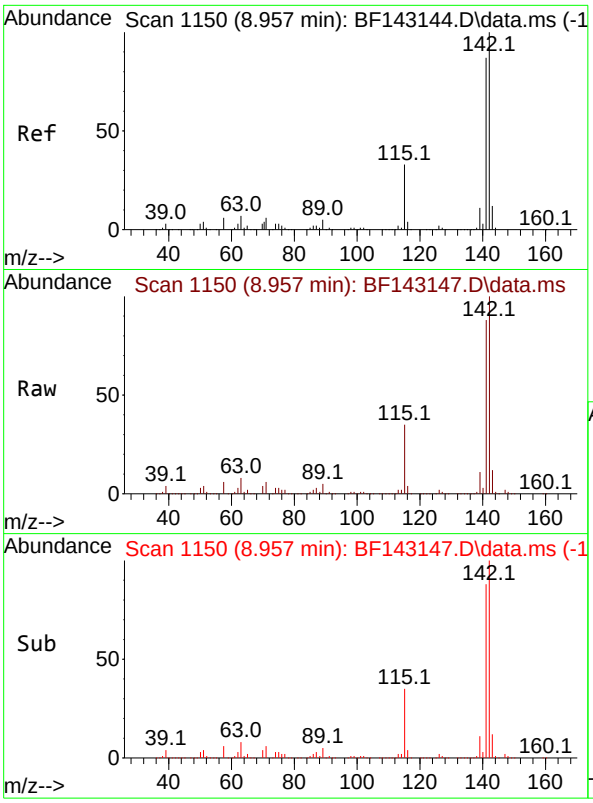




#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 614048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.9 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |



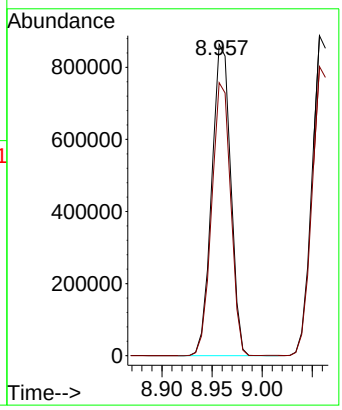


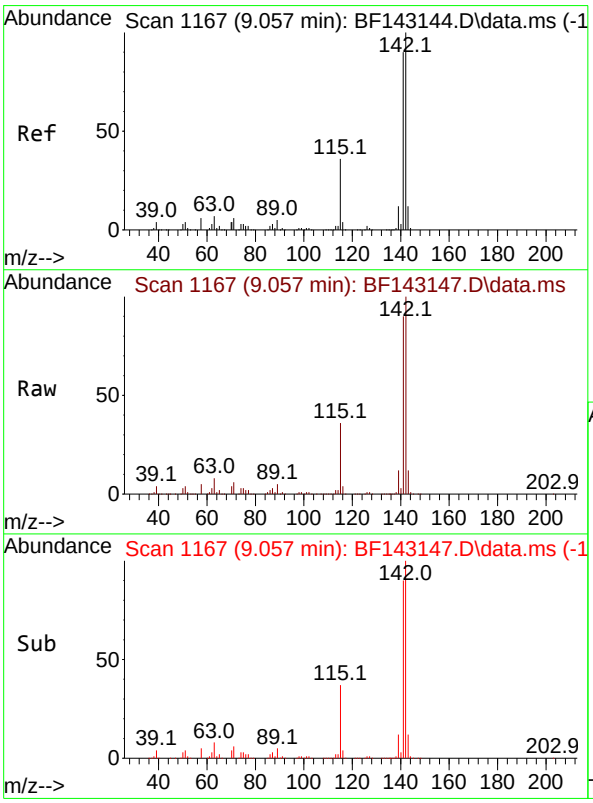

#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:142 Resp: 1137176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 69.9 | 104.9 |

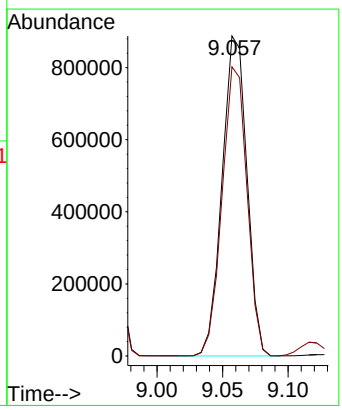


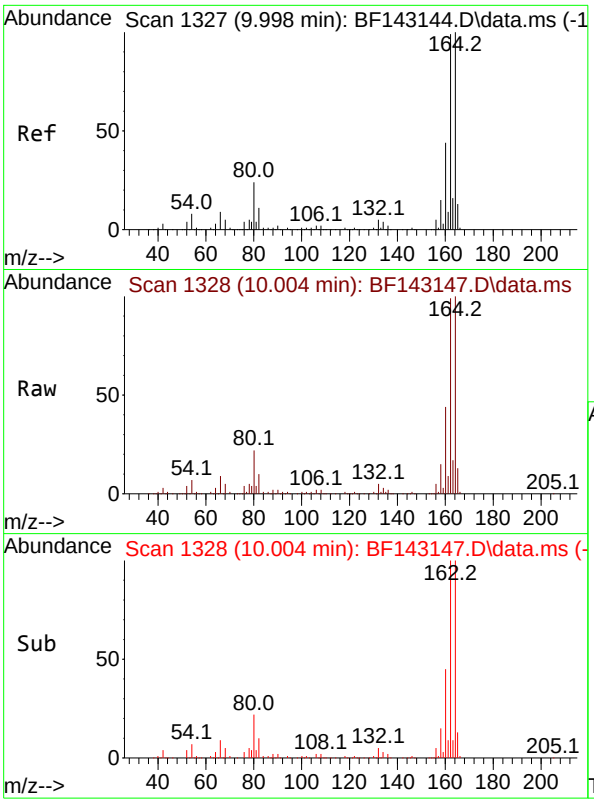




#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.3 | 108.5 |



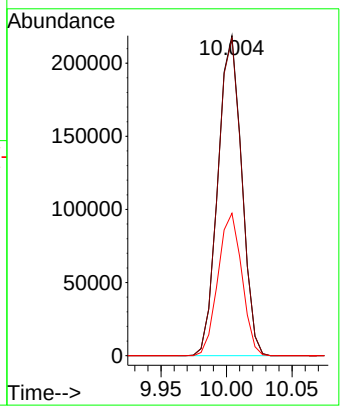


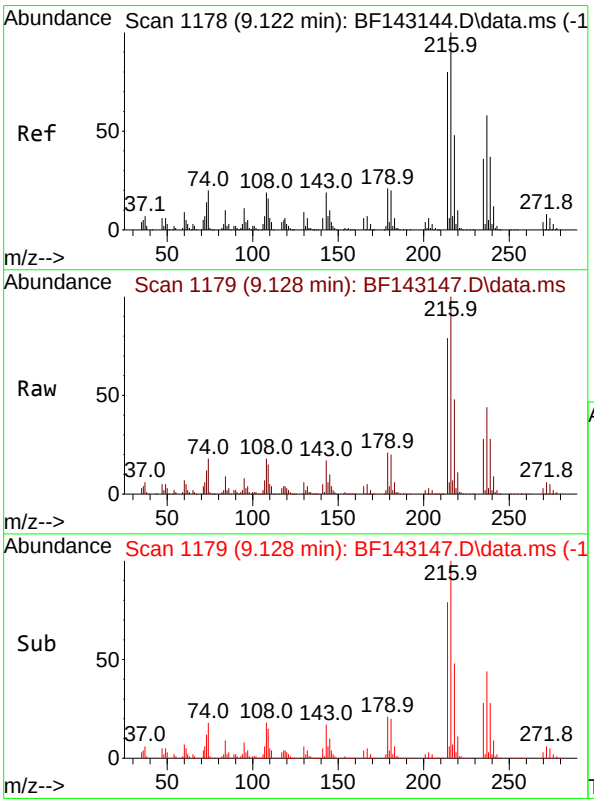

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:164 Resp: 275619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 79.0 | 118.6 |
| 160 | 44.5 | 35.1 | 52.7 |

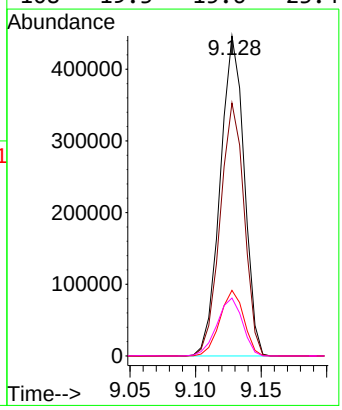


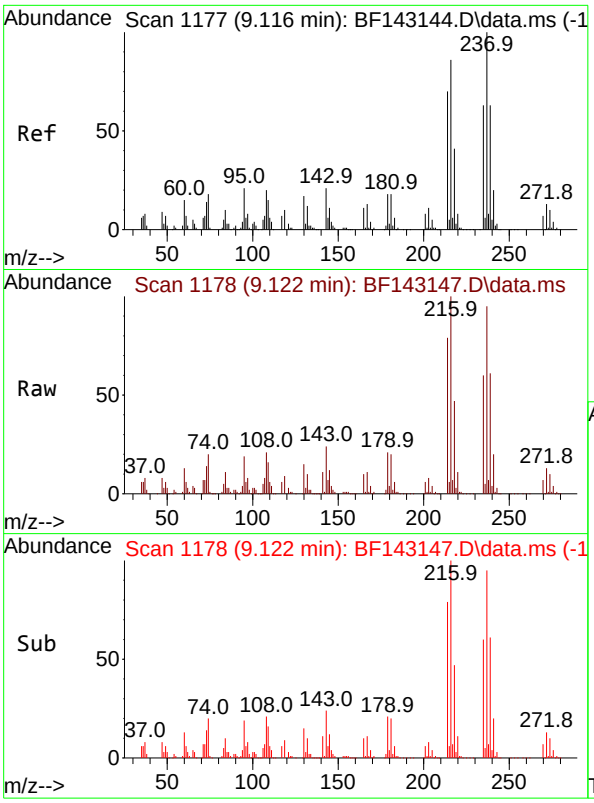




#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.389 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 63.8 | 95.8 |
| 179 | 20.4 | 16.4 | 24.6 |
| 108 | 19.3 | 15.6 | 23.4 |



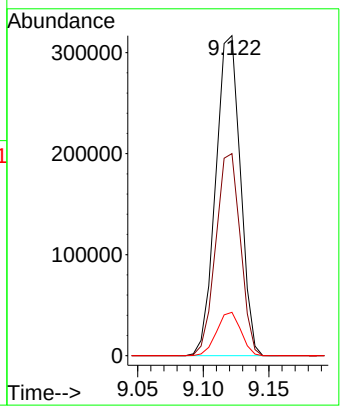


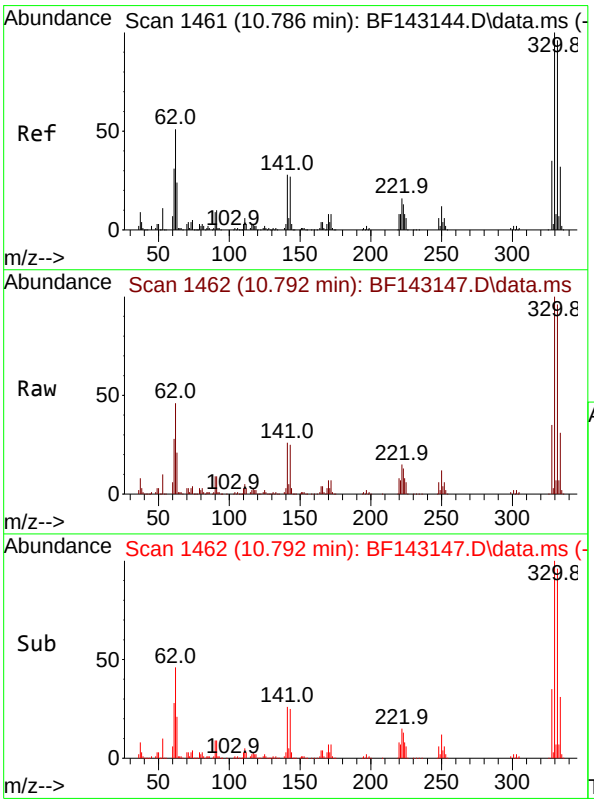

#41
Hexachlorocyclopentadiene
Concen: 79.719 ng
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:237 Resp: 412756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.6 | 0.0 | 33.3 |

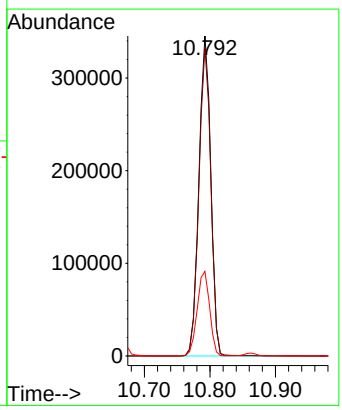


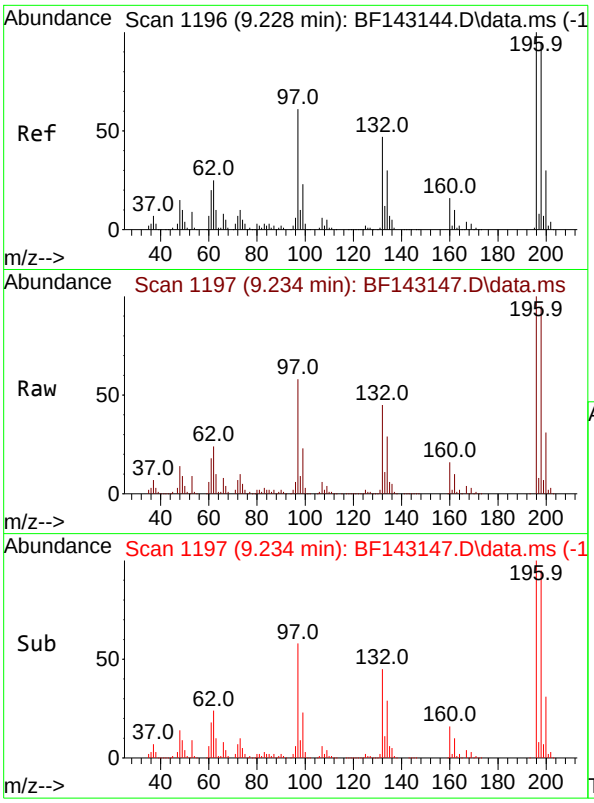




#42
2,4,6-Tribromophenol
Concen: 153.498 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:330 Resp: 437054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.7 | 115.1 |
| 141 | 27.7 | 23.3 | 34.9 |



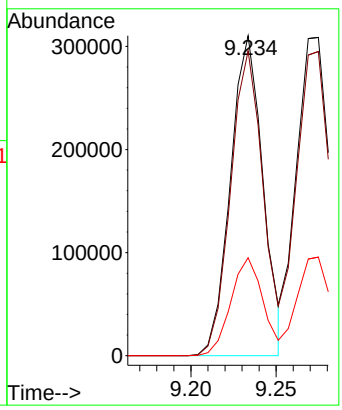


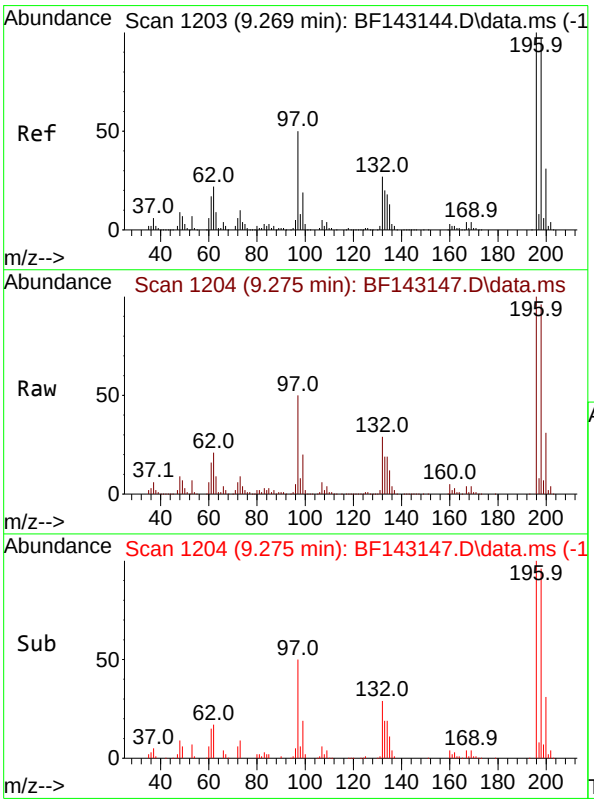

#43
2,4,6-Trichlorophenol
Concen: 74.838 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:196 Resp: 412148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 76.2 | 114.2 |
| 200 | 30.6 | 23.9 | 35.9 |

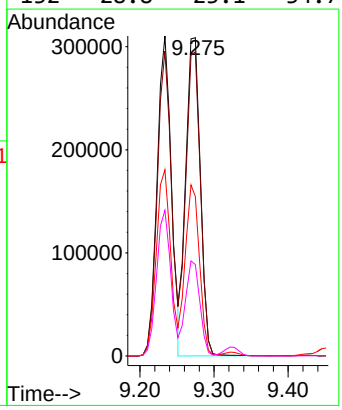


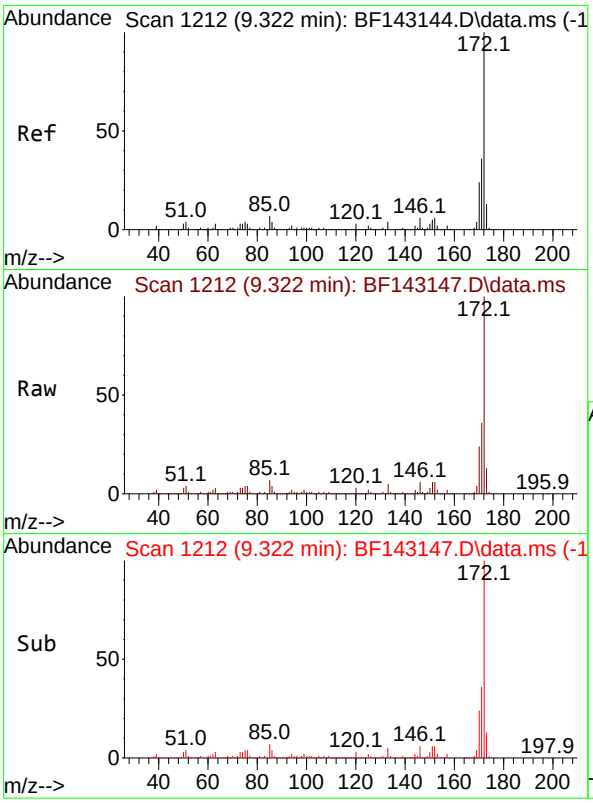




#44
2,4,5-Trichlorophenol
Concen: 76.888 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:196 Resp: 423565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 77.3 | 115.9 |
| 97 | 50.1 | 40.3 | 60.5 |
| 132 | 28.8 | 23.1 | 34.7 |



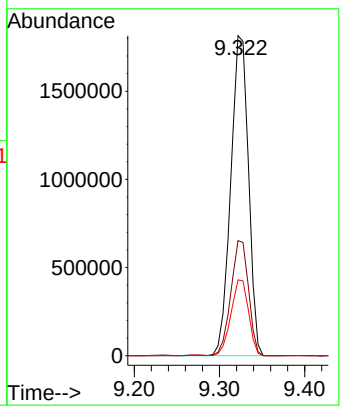


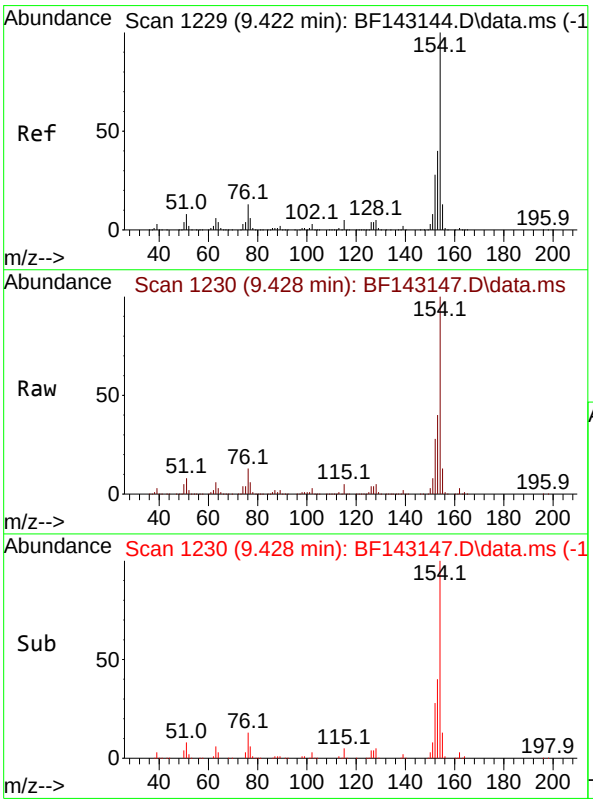

#45
2-Fluorobiphenyl
Concen: 130.157 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:172 Resp: 2623071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.6 | 42.8 |
| 170 | 23.7 | 18.8 | 28.2 |

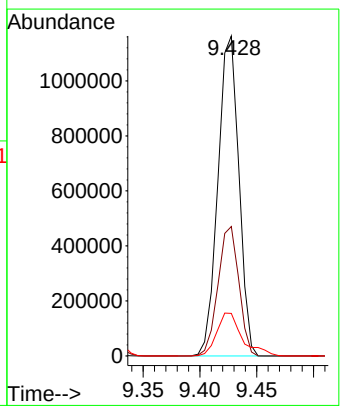


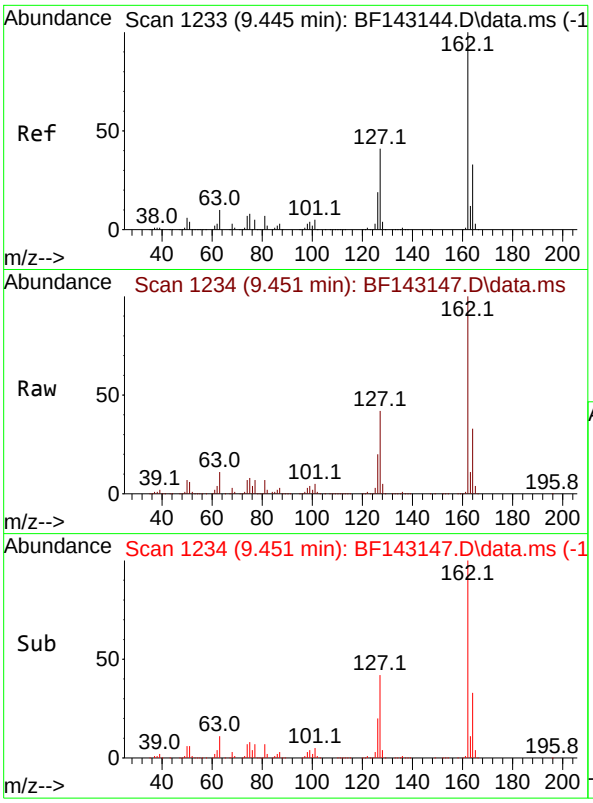




#46
1,1'-Biphenyl
Concen: 69.388 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1492094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.3 | 0.0 | 33.3 |



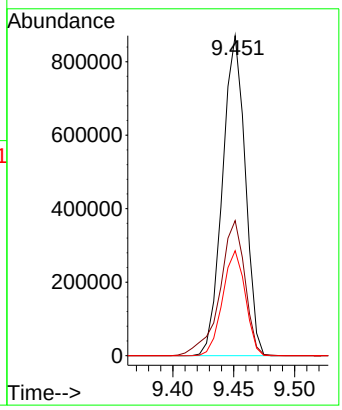


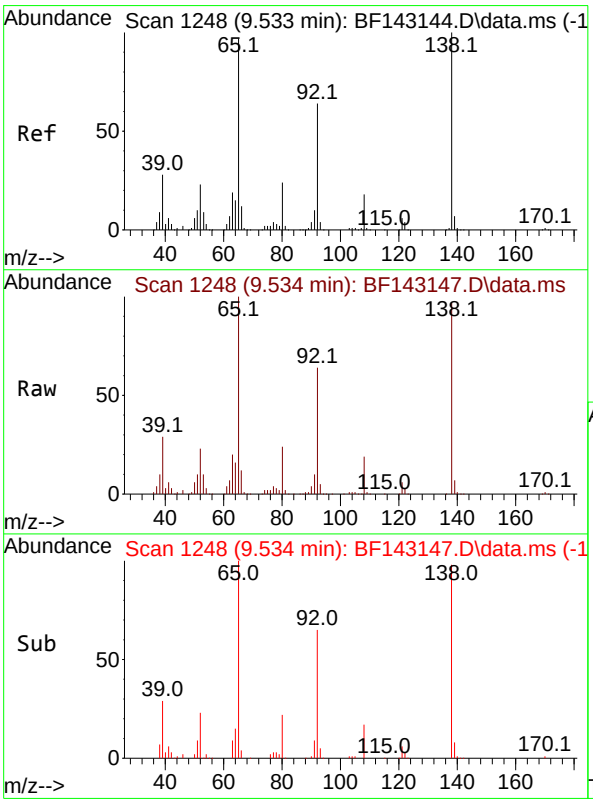

#47
2-Chloronaphthalene
Concen: 71.122 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 1131626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.2 | 33.4 | 50.2 |
| 164 | 32.8 | 26.2 | 39.2 |

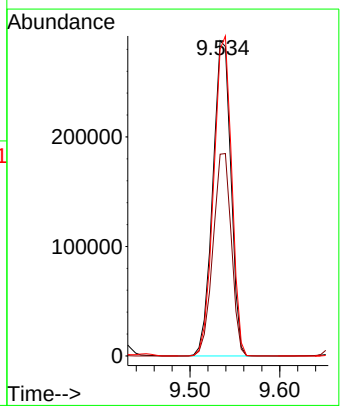


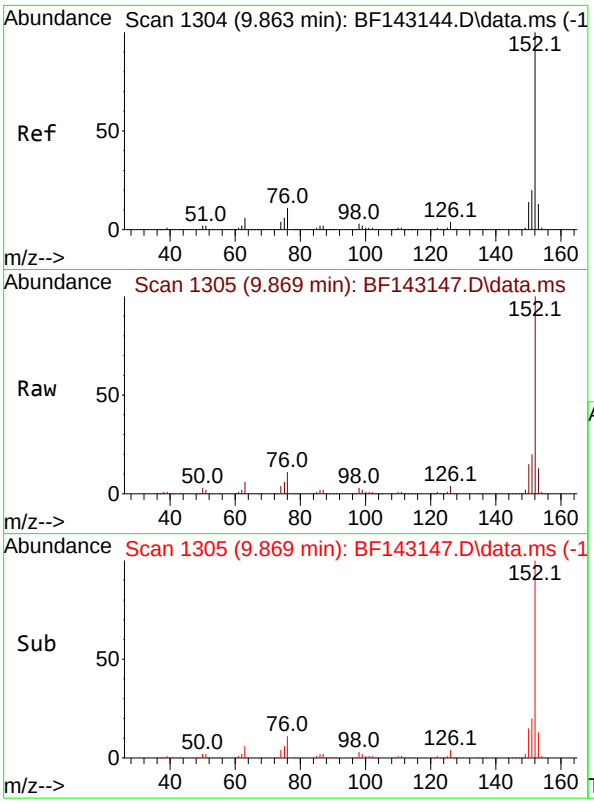




#48
2-Nitroaniline
Concen: 80.971 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 65 Resp: 404023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.0 | 52.4 | 78.6 |
| 138 | 97.3 | 82.3 | 123.5 |



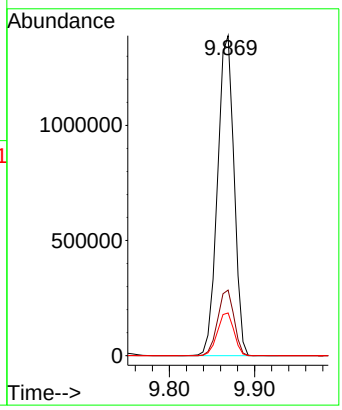


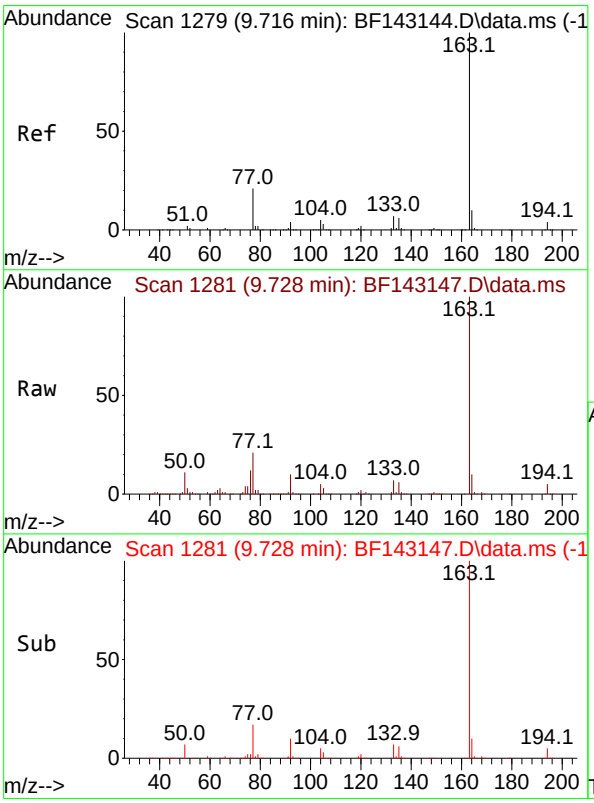

#49
Acenaphthylene
Concen: 70.057 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp: 1868062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 16.0 |

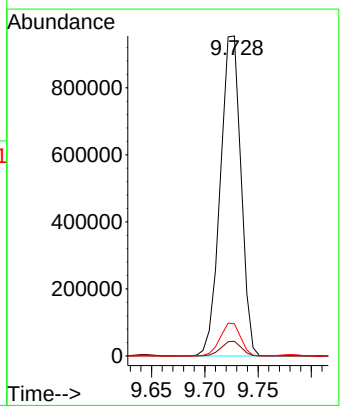


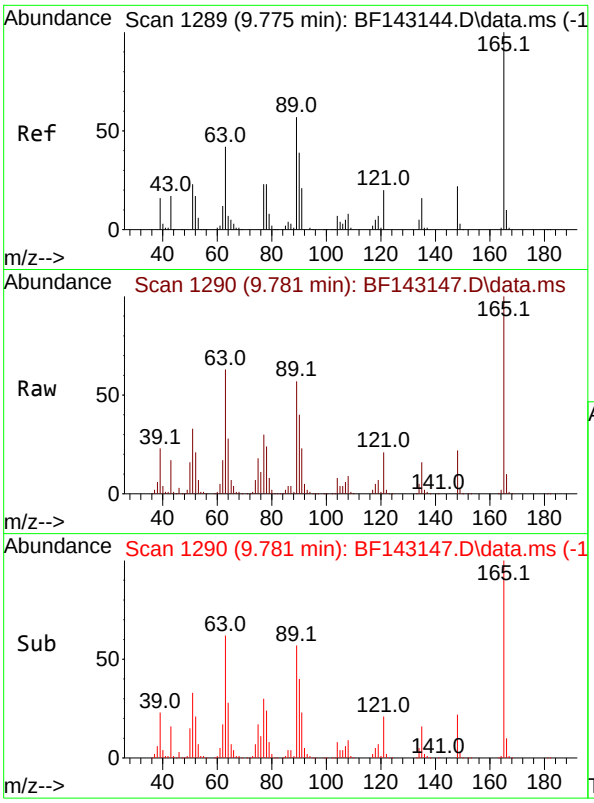




#50
Dimethylphthalate
Concen: 71.723 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:163 Resp: 1288559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.4 | 5.2 |
| 164 | 10.0 | 8.3 | 12.5 |



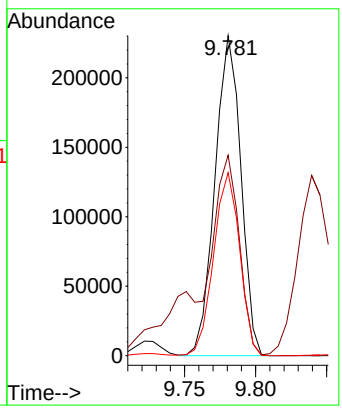


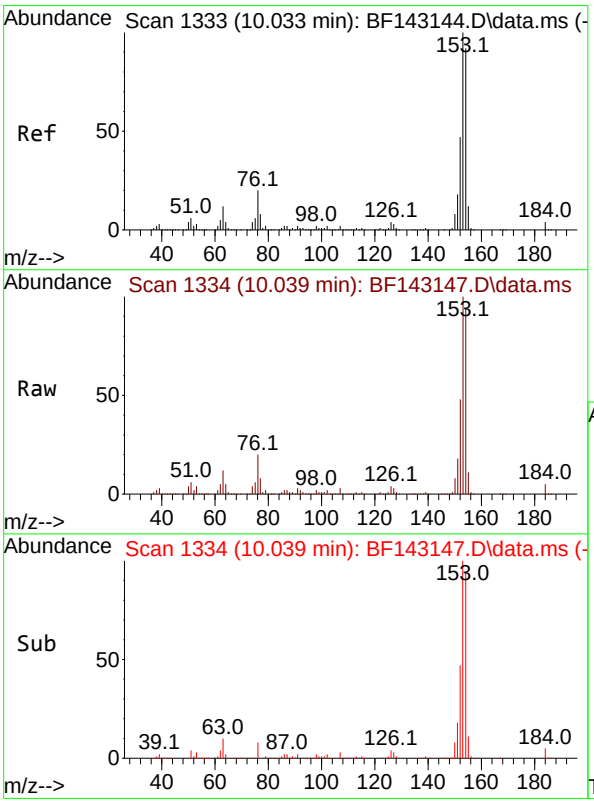

#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 292718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.6 | 49.4 | 74.2 |
| 89 | 57.2 | 46.2 | 69.2 |

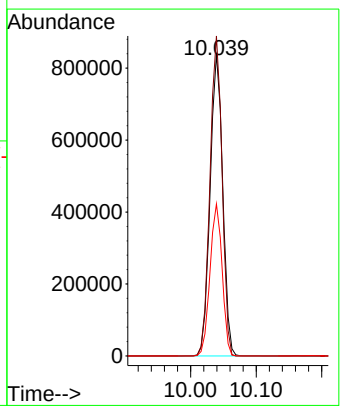


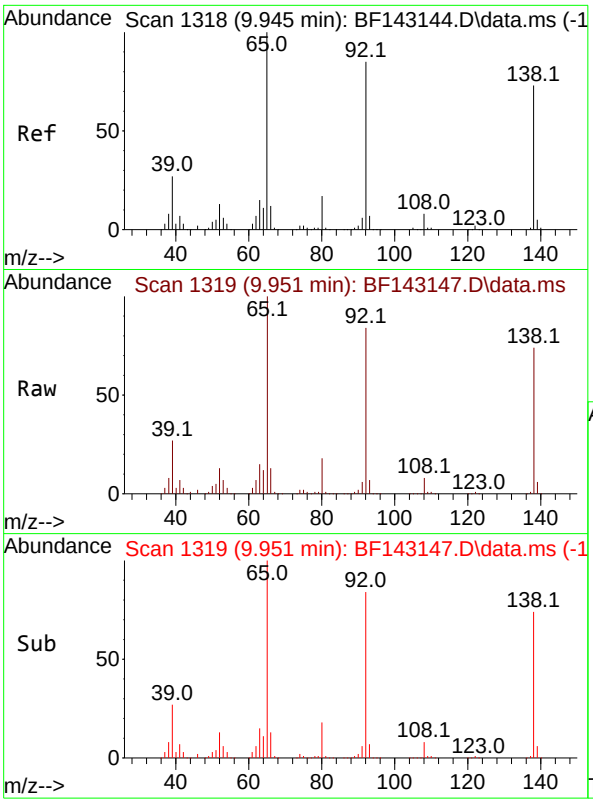




#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:154 Resp: 1120315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.1 | 86.6 | 129.8 |
| 152 | 50.4 | 40.4 | 60.6 |



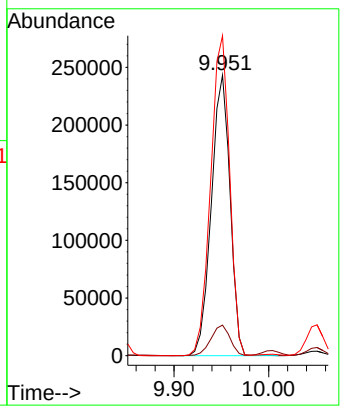


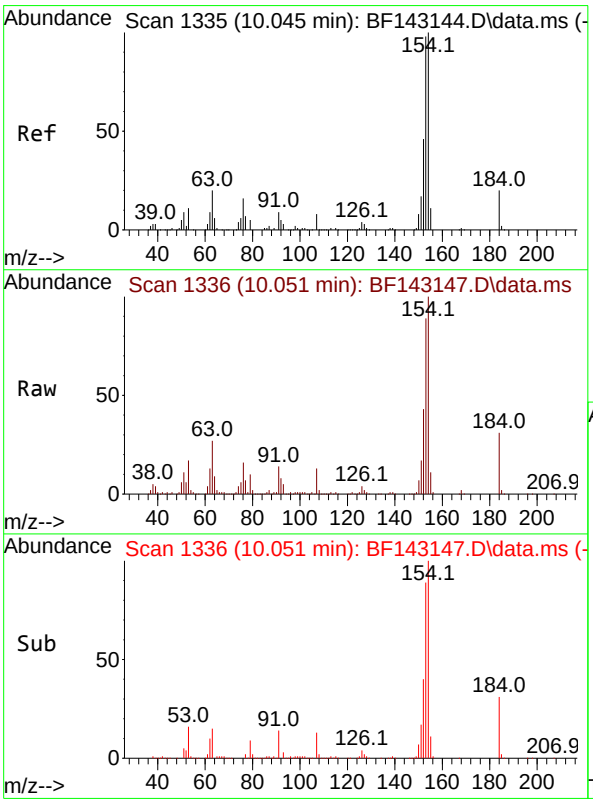

#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:138 Resp: 333980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.0 | 13.6 |
| 92 | 114.1 | 93.0 | 139.4 |

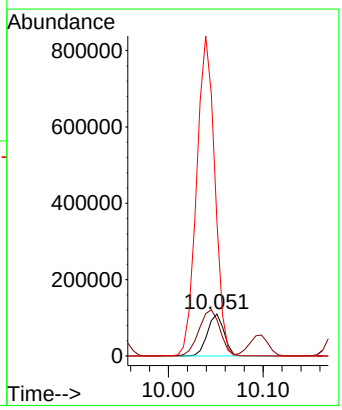


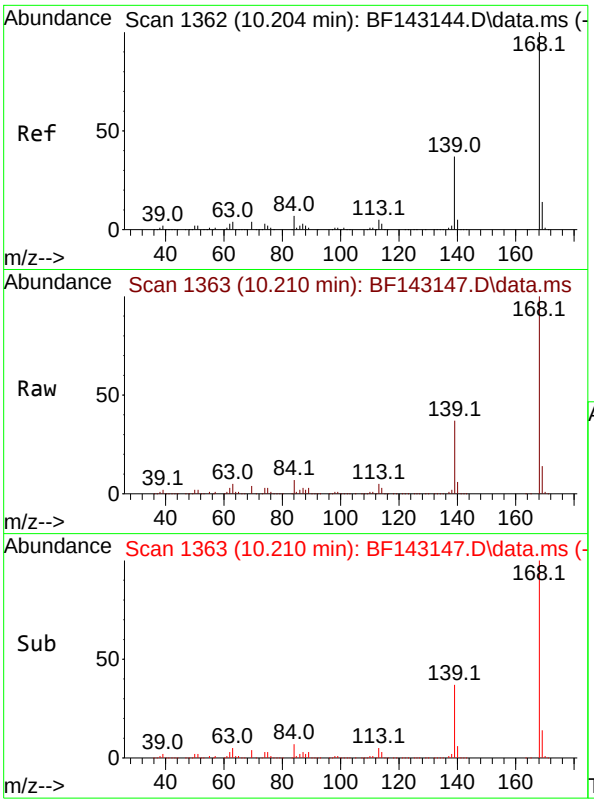




#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:184 Resp: 133446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 86.6 | 81.8 | 122.6 |
| 154 | 321.6 | 412.2 | 618.4# |



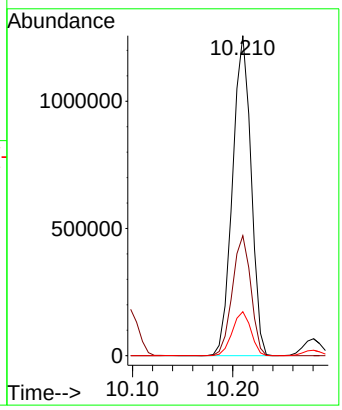


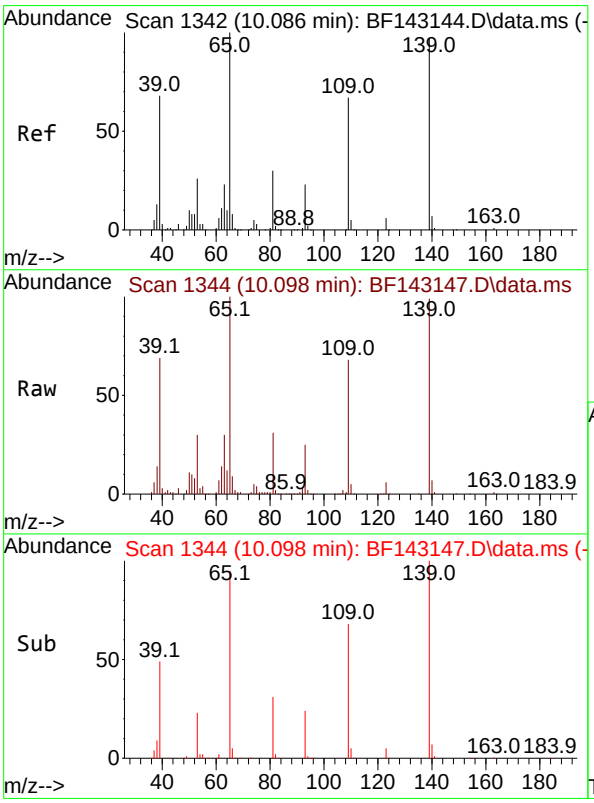

#55
Dibenzofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:168 Resp: 1615399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 29.5 | 44.3 |
| 169 | 13.8 | 10.9 | 16.3 |

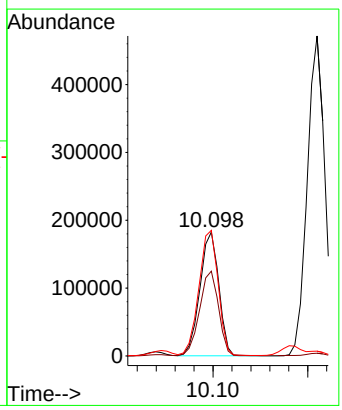


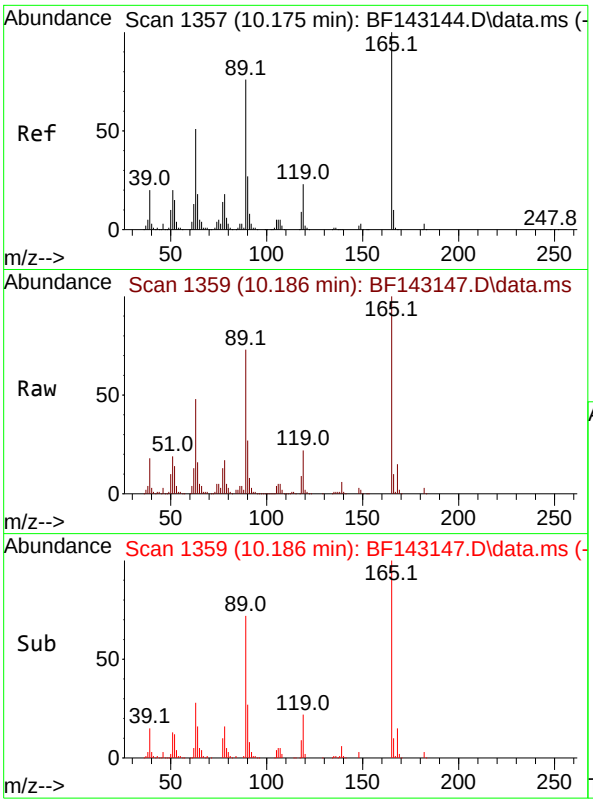




#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 252698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.4 | 48.5 | 88.5 |
| 65 | 101.3 | 83.4 | 123.4 |



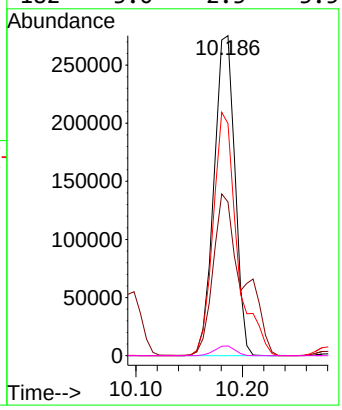


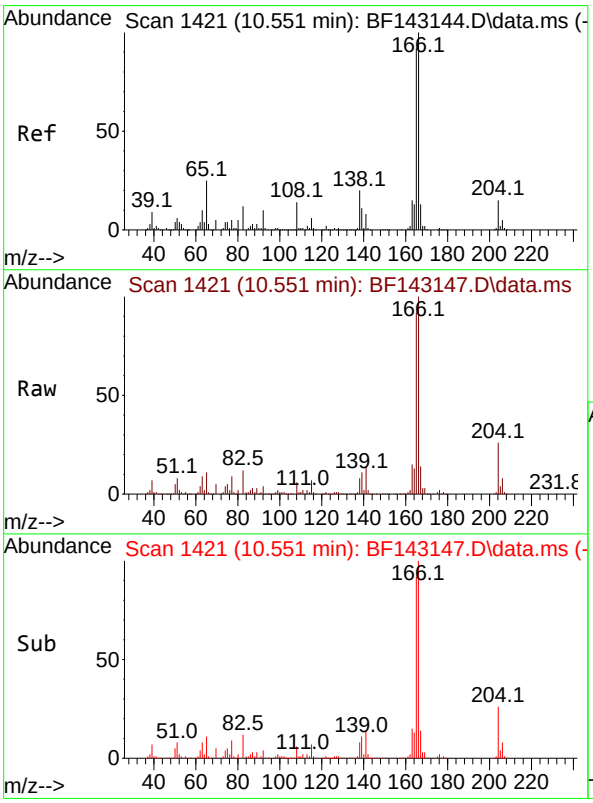

#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 376124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.1 | 41.0 | 61.4 |
| 89 | 72.5 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |

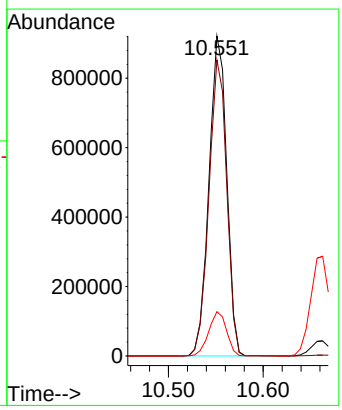


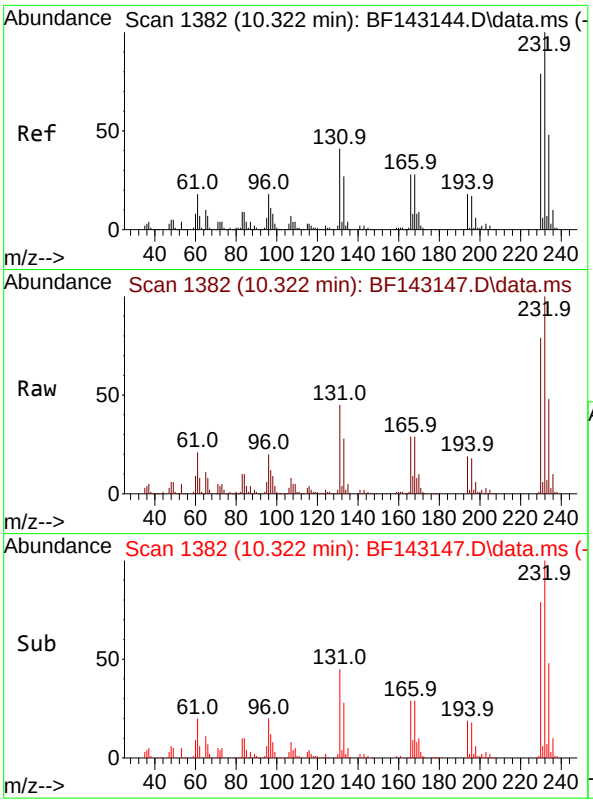




#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:166 Resp: 1197731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.5 | 73.7 | 110.5 |
| 167 | 13.8 | 10.6 | 16.0 |



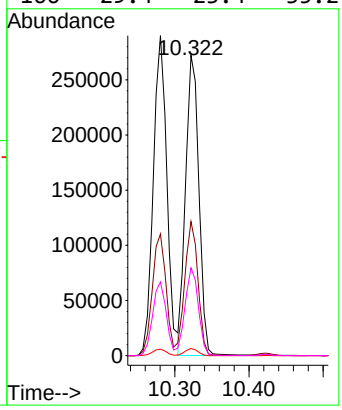


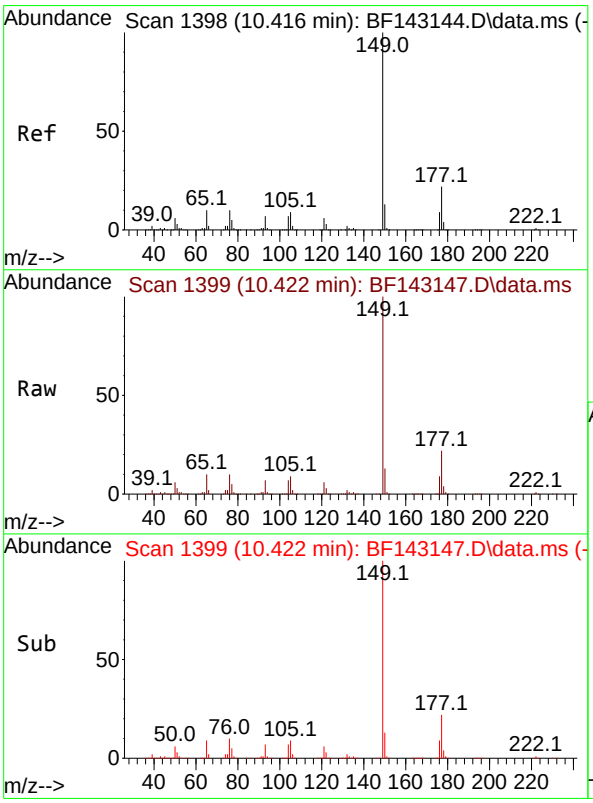

#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:232 Resp: 340118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.5 | 35.3 | 52.9 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 29.4 | 23.4 | 35.2 |

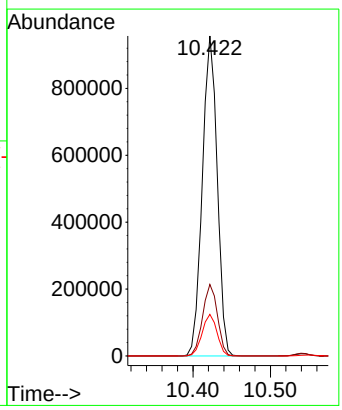


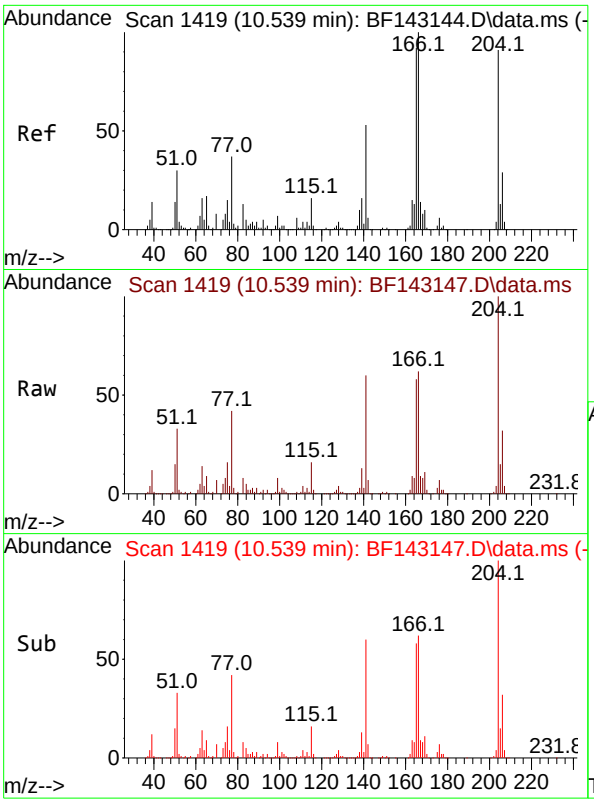




#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1276217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 17.5 | 26.3 |
| 150 | 13.0 | 10.2 | 15.2 |



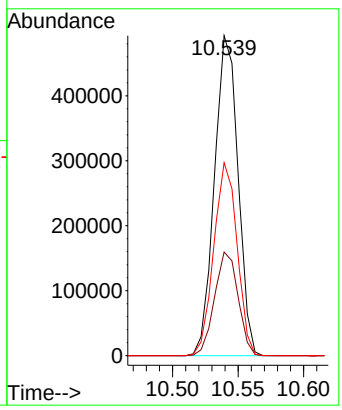


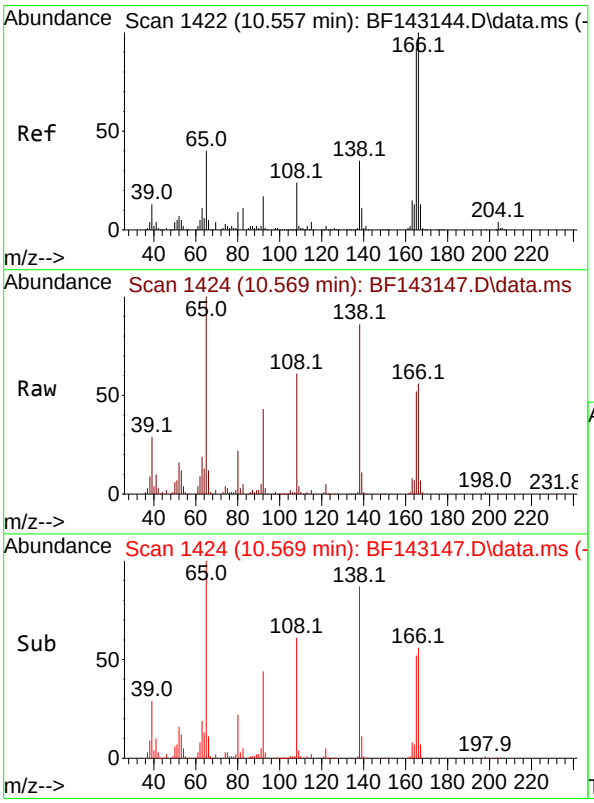

#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:204 Resp: 614962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 60.3 | 47.0 | 70.4 |

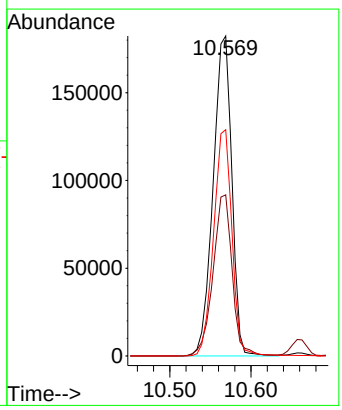


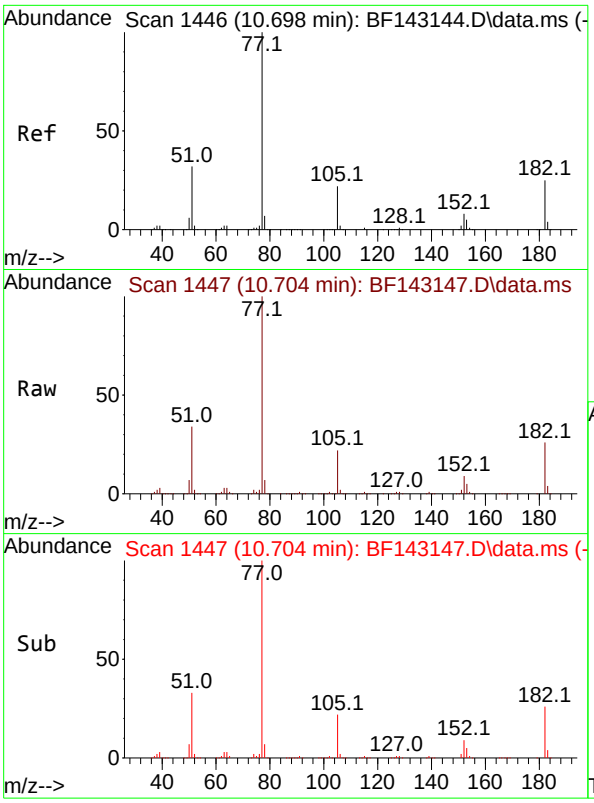




#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:138 Resp: 291926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.4 | 29.3 | 69.3 |
| 108 | 70.7 | 48.3 | 88.3 |



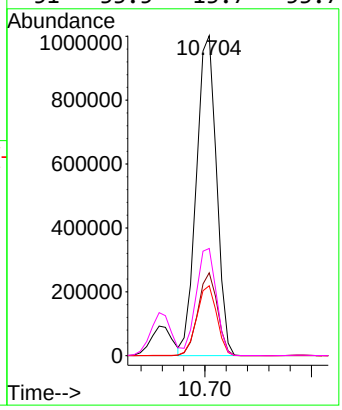


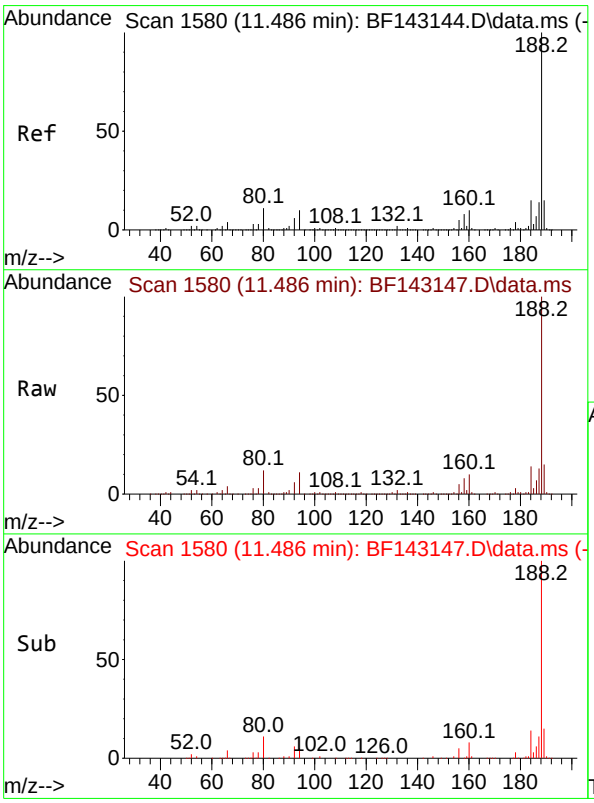

#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 1318720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.9 | 4.6 | 44.6 |
| 105 | 21.9 | 1.4 | 41.4 |
| 51 | 33.5 | 13.7 | 53.7 |

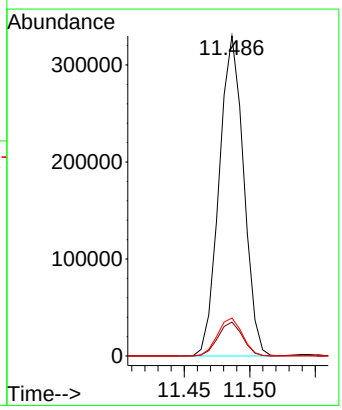


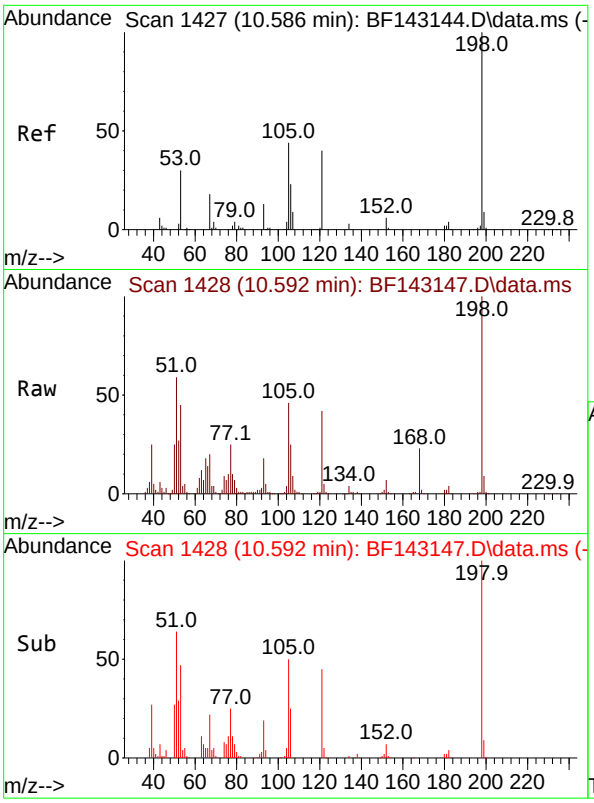




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:188 Resp: 429046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.3 | 12.5 |
| 80 | 11.8 | 9.0 | 13.6 |



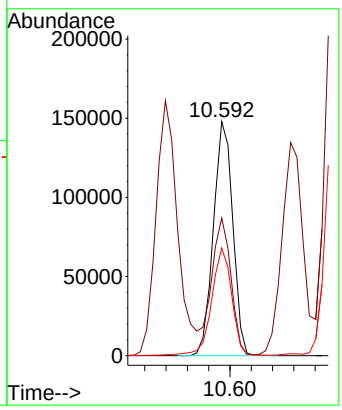


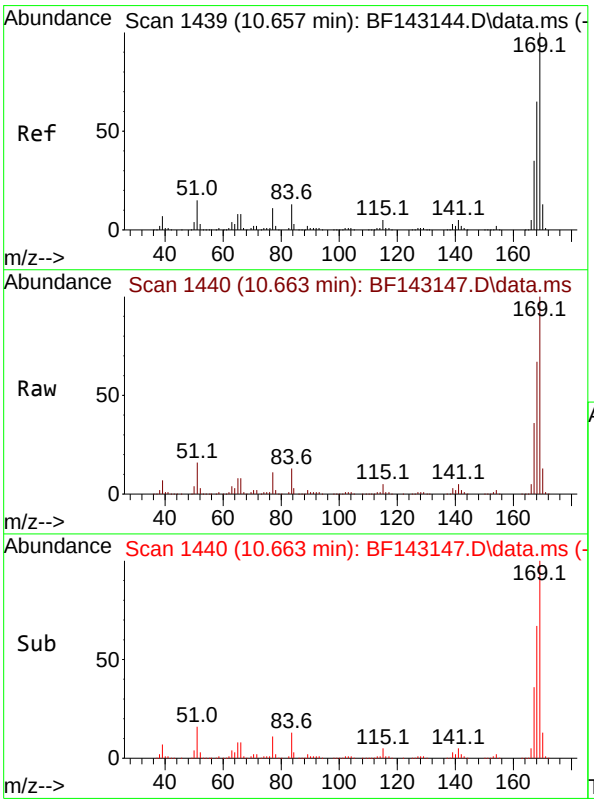

#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:198 Resp: 186415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.9 | 37.2 | 77.2 |
| 105 | 46.0 | 24.8 | 64.8 |

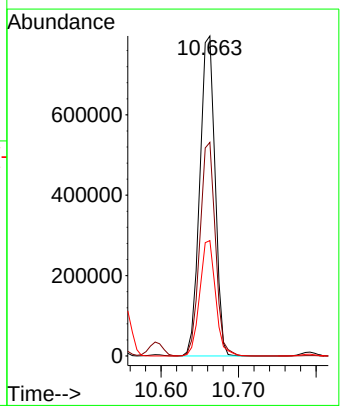


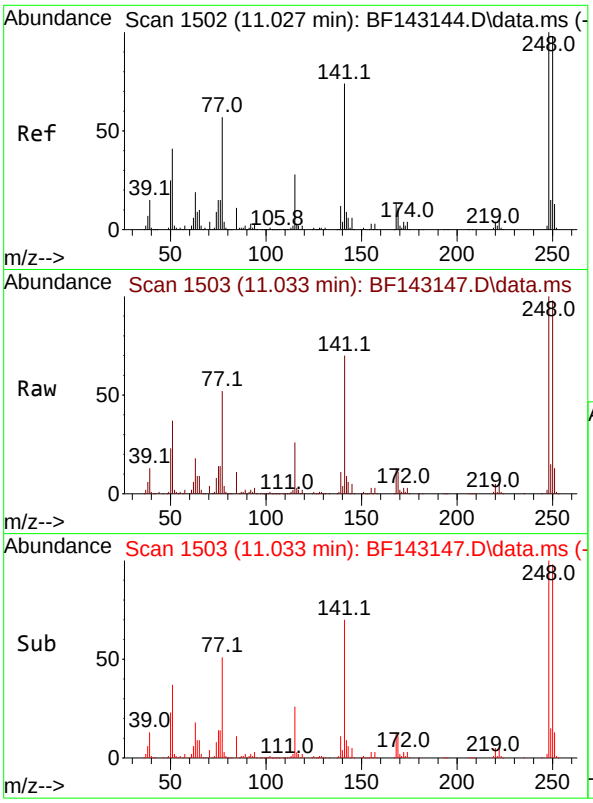




#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:169 Resp: 1087990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 52.1 | 78.1 |
| 167 | 36.1 | 28.2 | 42.2 |



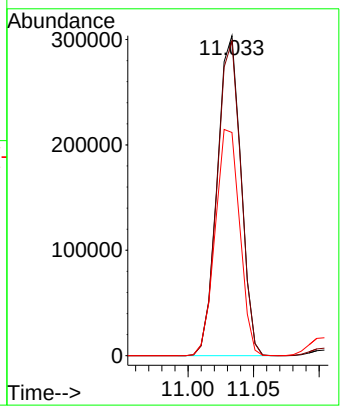


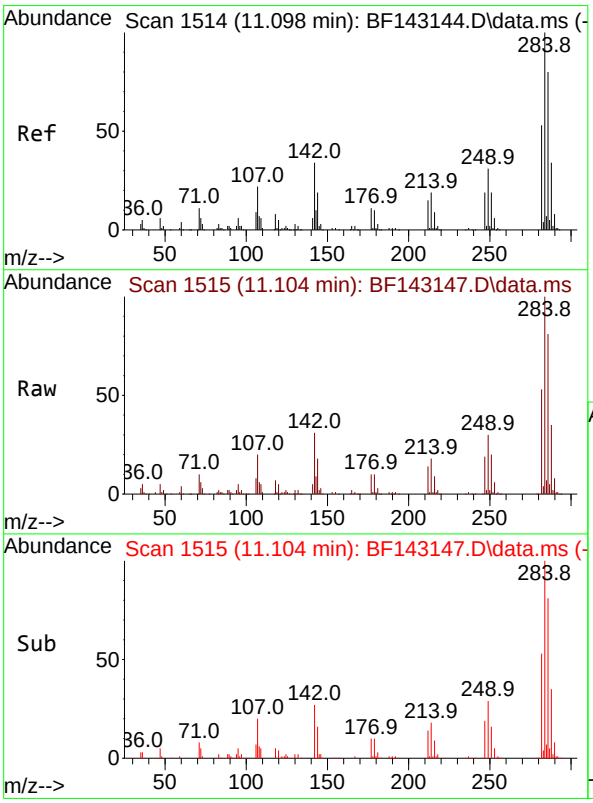

#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:248 Resp: 382122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.3 | 78.3 | 117.5 |
| 141 | 69.8 | 59.2 | 88.8 |

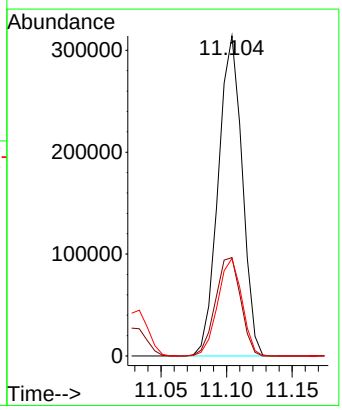


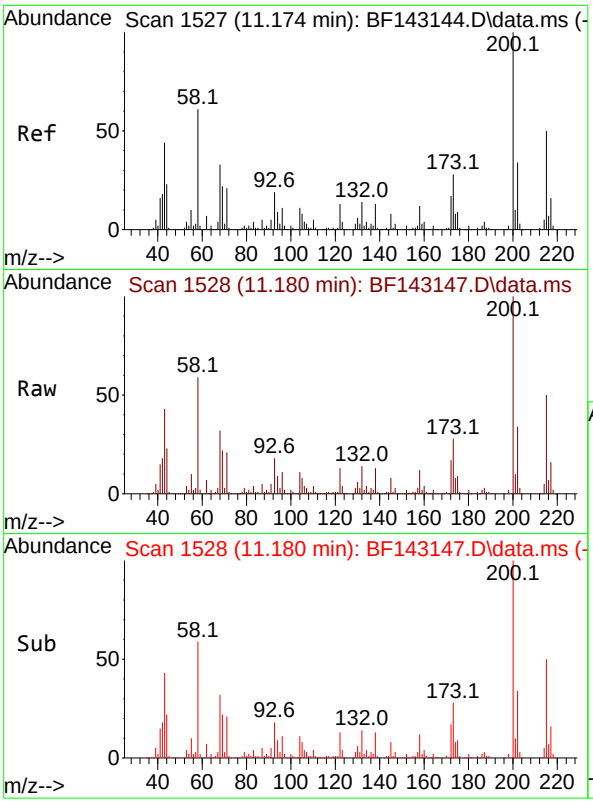




#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:284 Resp: 399107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.7 | 27.0 | 40.6 |
| 249 | 30.5 | 25.0 | 37.6 |



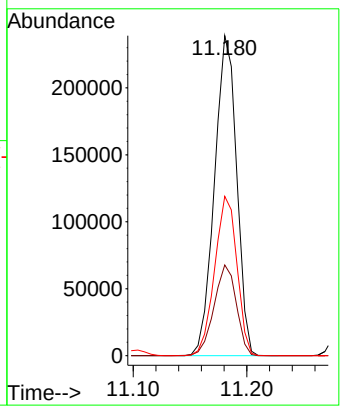


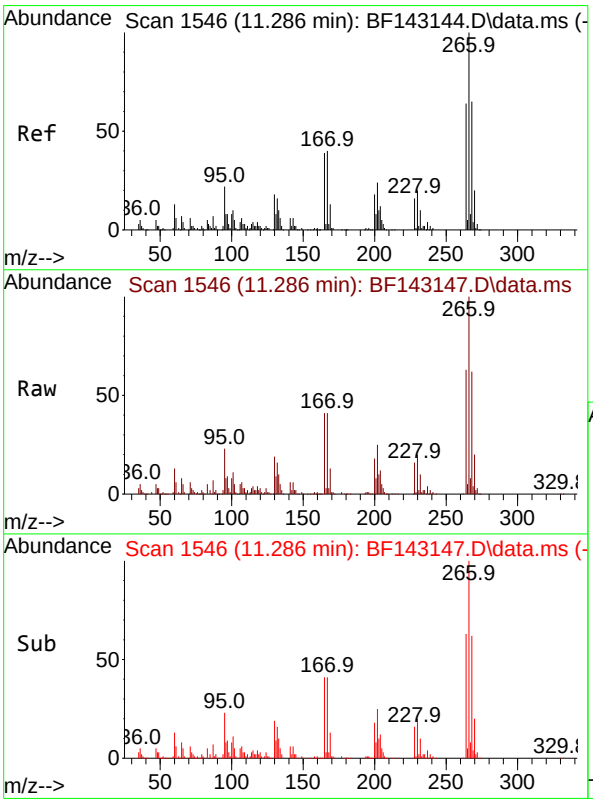

#69
Atrazine
Concen: 77.819 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:200 Resp: 324126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 49.8 | 30.1 | 70.1 |

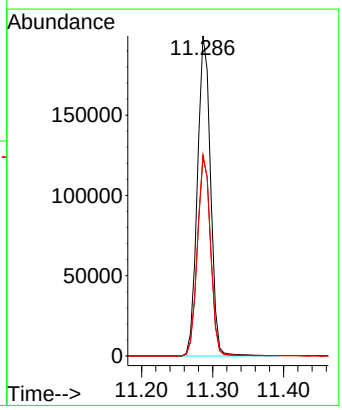


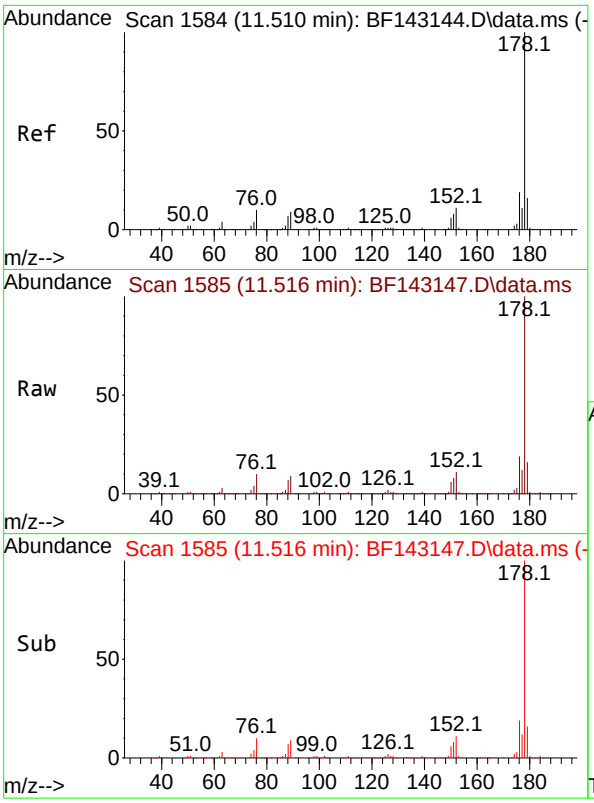




#70
Pentachlorophenol
Concen: 81.829 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:266 Resp: 257176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.2 | 51.9 | 77.9 |
| 264 | 62.9 | 51.0 | 76.6 |



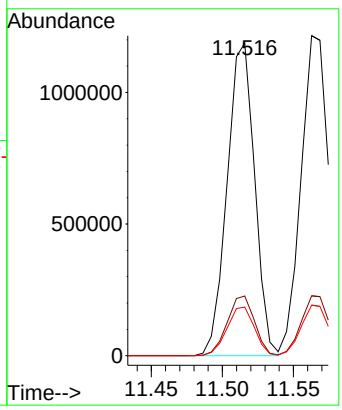


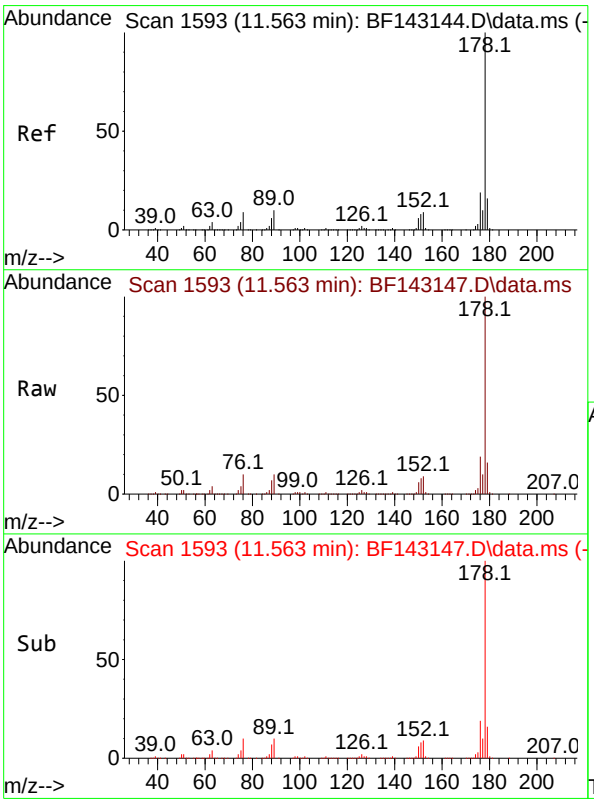

#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:178 Resp: 1602208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.5 | 12.5 | 18.7 |

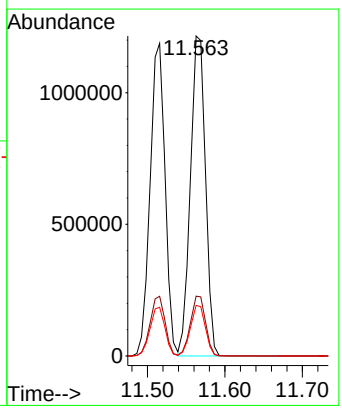


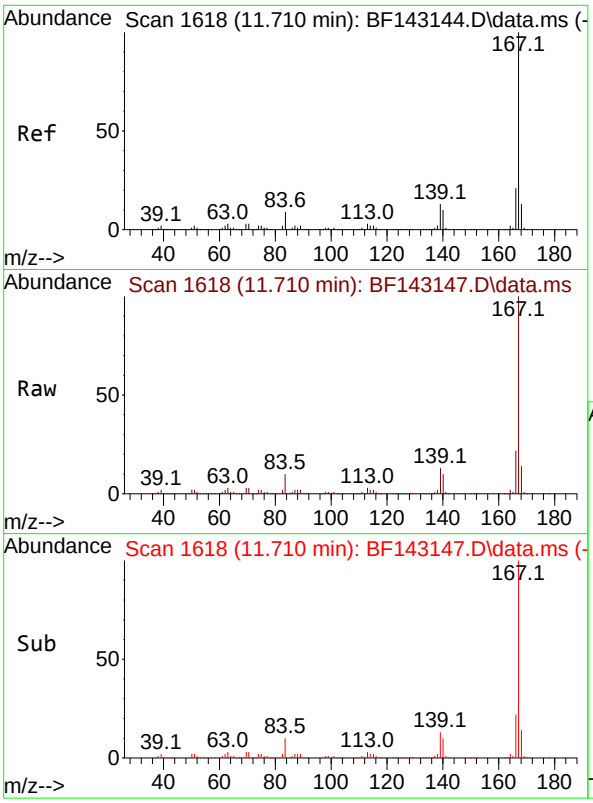




#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:178 Resp: 1641264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.8 | 12.5 | 18.7 |



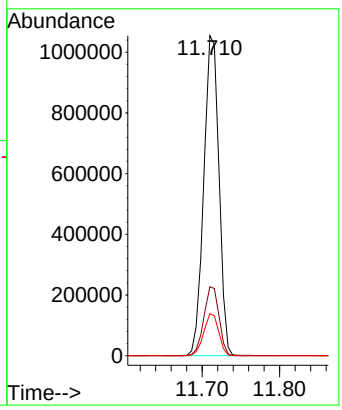


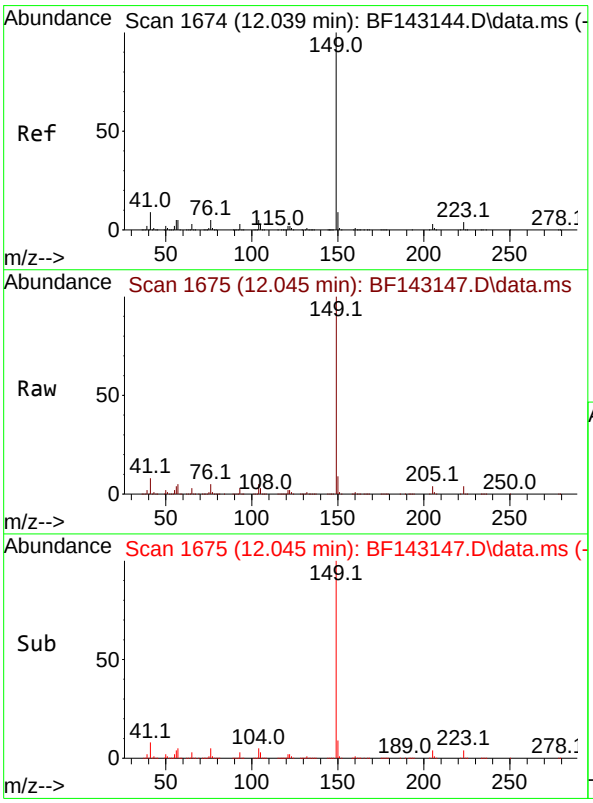

#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:167 Resp: 1435444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.0 | 25.6 |
| 139 | 13.1 | 10.0 | 15.0 |

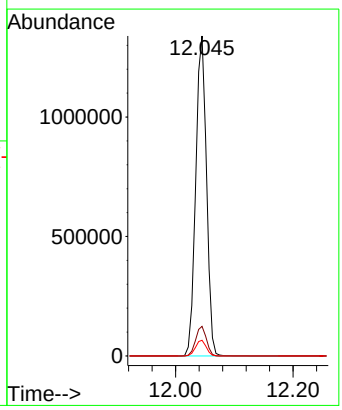


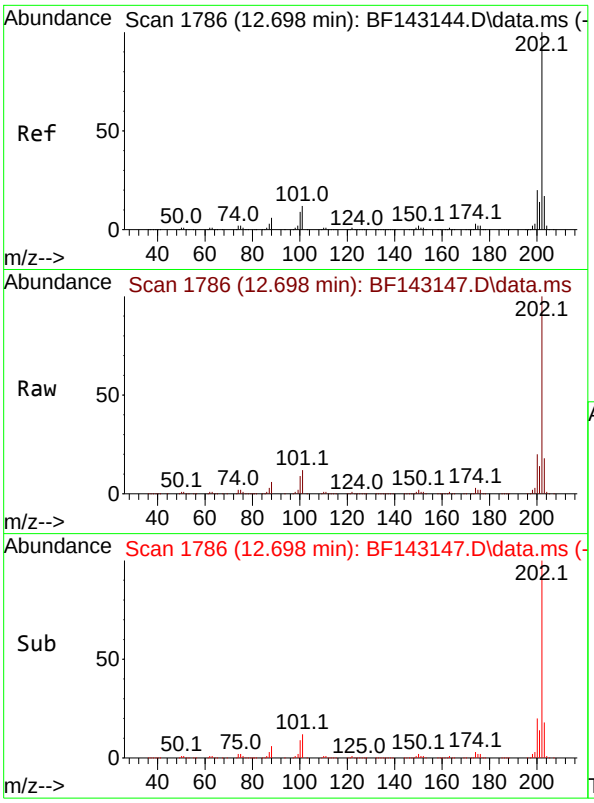




#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 1699503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |



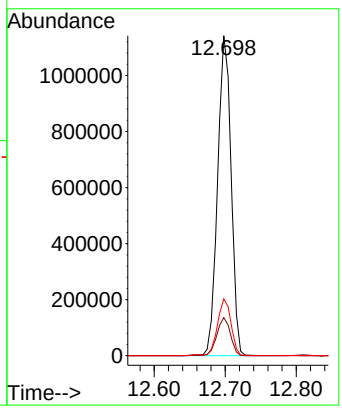


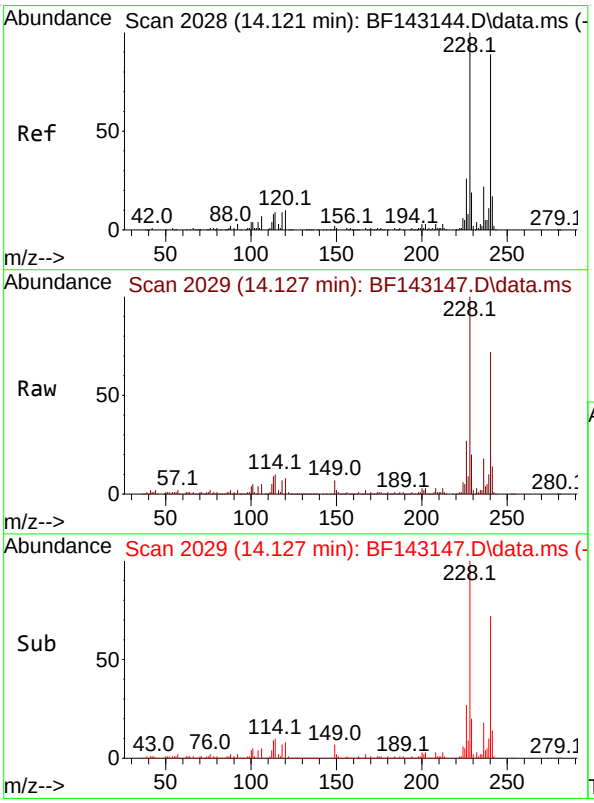

#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:202 Resp: 1498103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.9 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

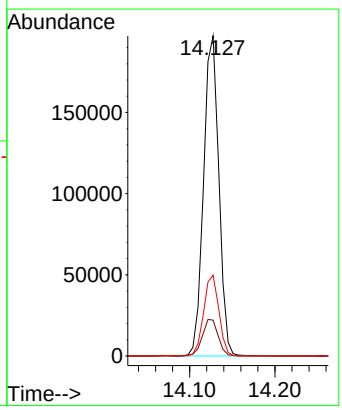


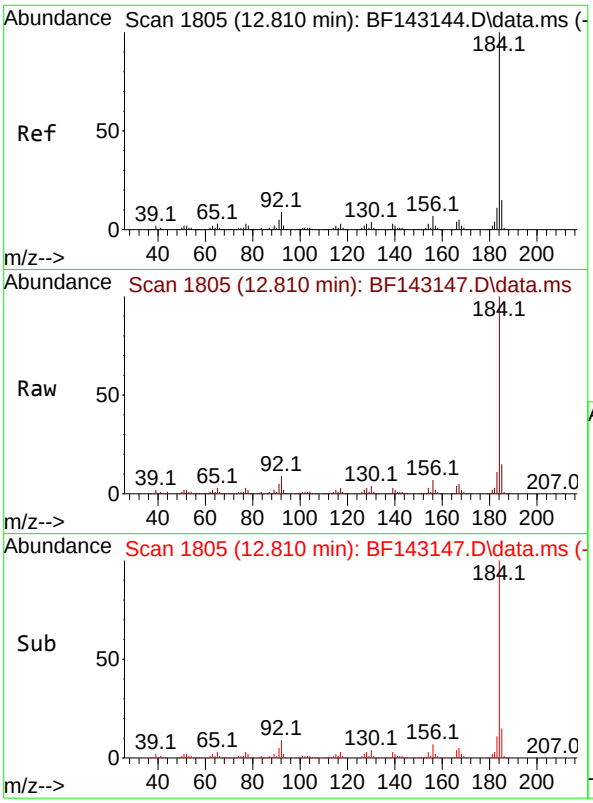




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:240 Resp: 245351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.4 | 14.2 |
| 236 | 25.2 | 20.2 | 30.4 |



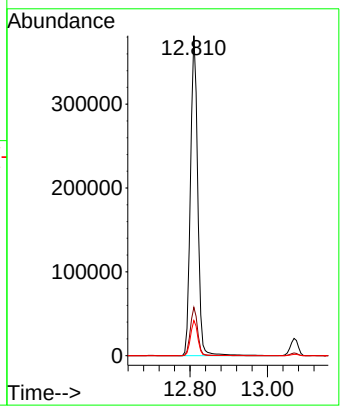


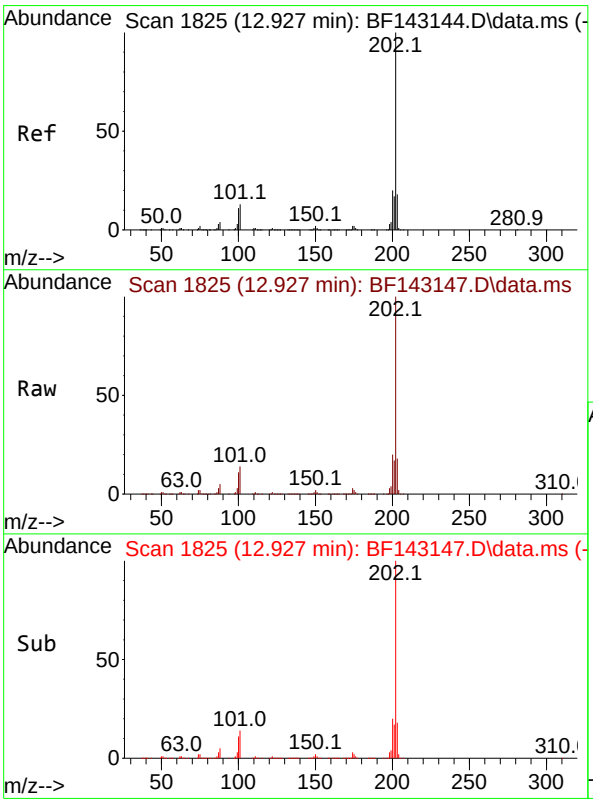

#77
Benzidine
Concen: 52.548 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:184 Resp: 496717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.2 | 18.4 |
| 183 | 11.0 | 9.0 | 13.4 |

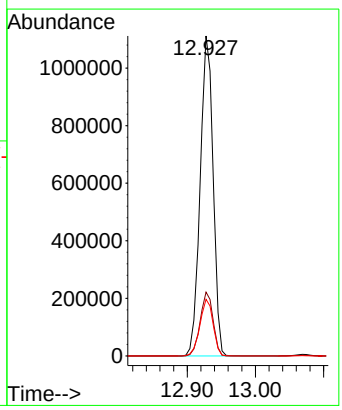


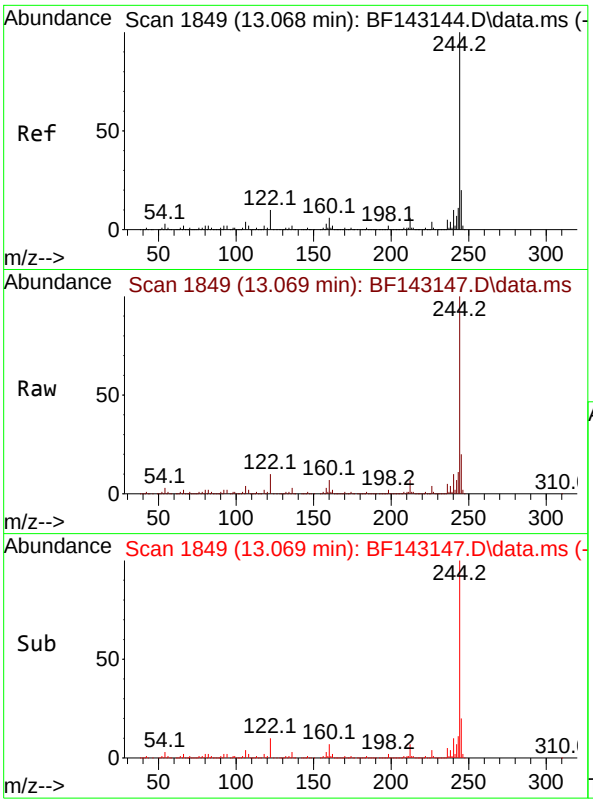




#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:202 Resp: 1466205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 15.7 | 23.5 |
| 203 | 17.7 | 14.2 | 21.2 |



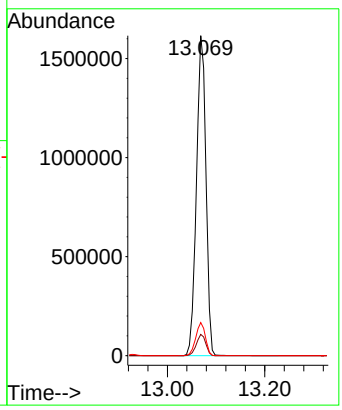


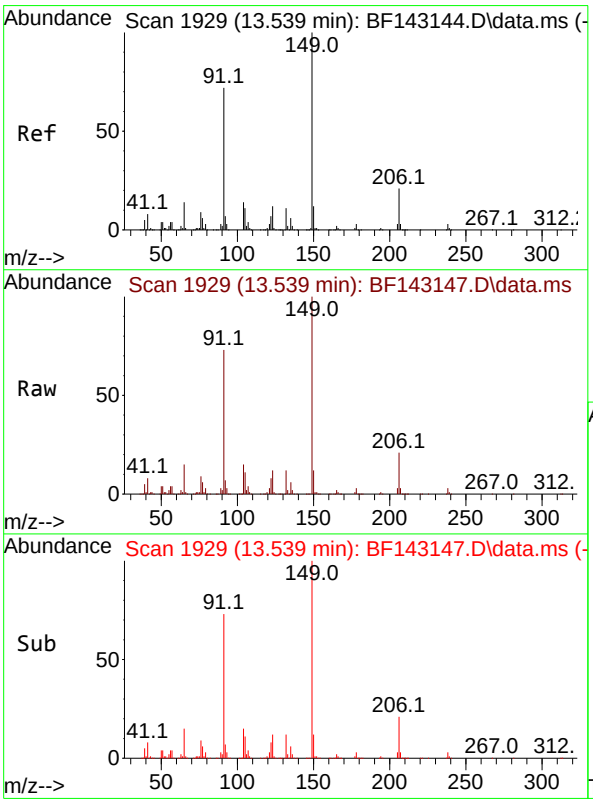

#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:244 Resp: 2202828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.4 | 8.2 | 12.2 |

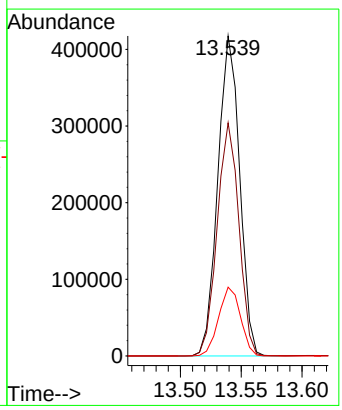


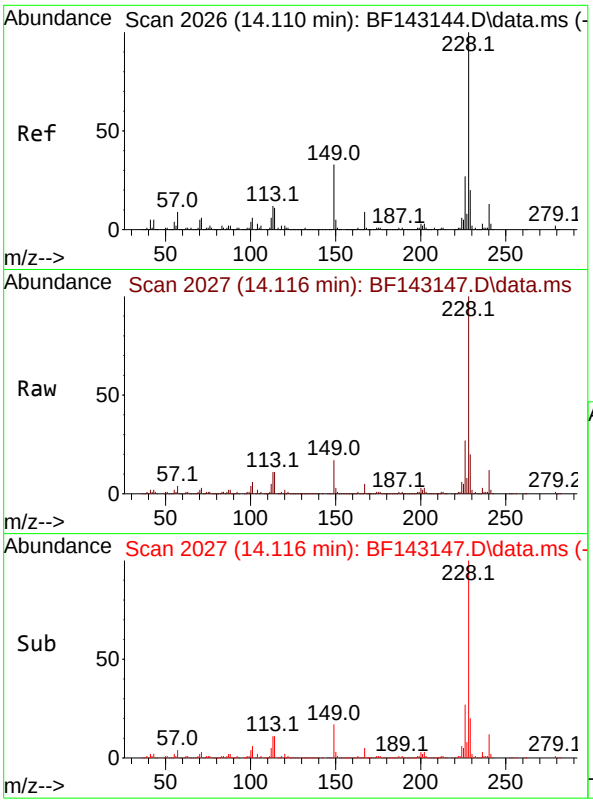




#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 521631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.9 | 57.9 | 86.9 |
| 206 | 21.5 | 17.0 | 25.4 |



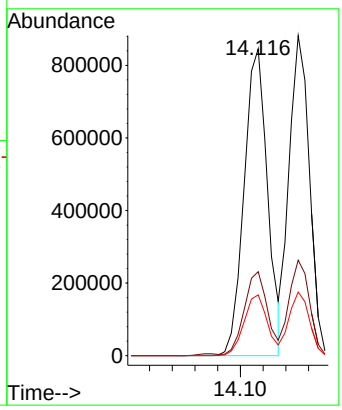


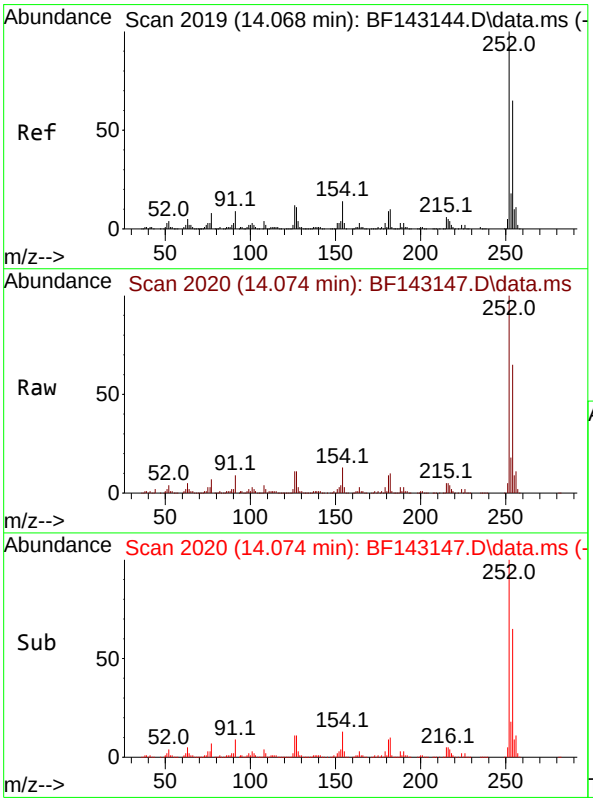

#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp: 1212056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.7 | 32.5 |
| 229 | 19.8 | 15.8 | 23.6 |

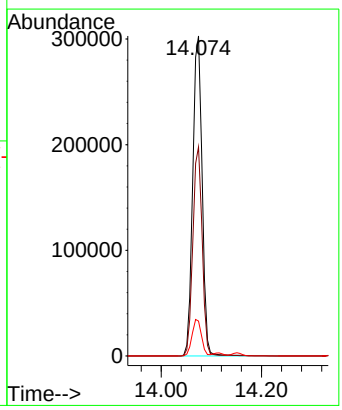


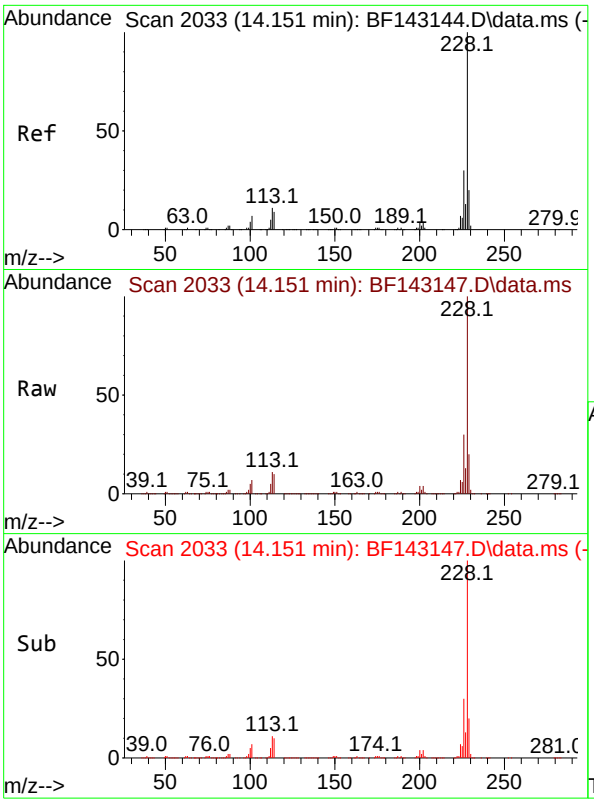




#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 393448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 51.7 | 77.5 |
| 126 | 10.9 | 9.4 | 14.0 |



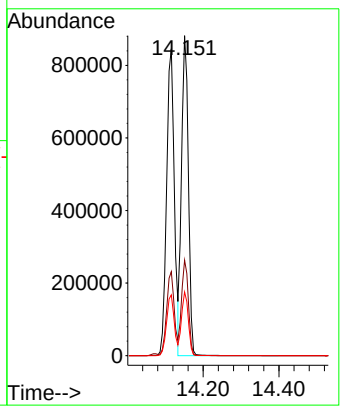


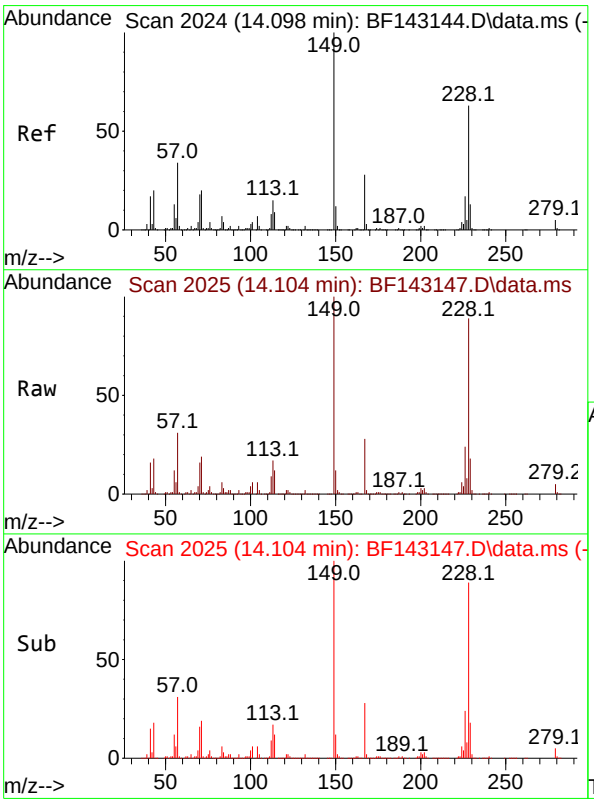

#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp: 1105636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.9 | 15.6 | 23.4 |

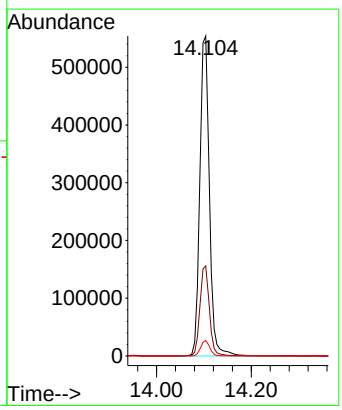


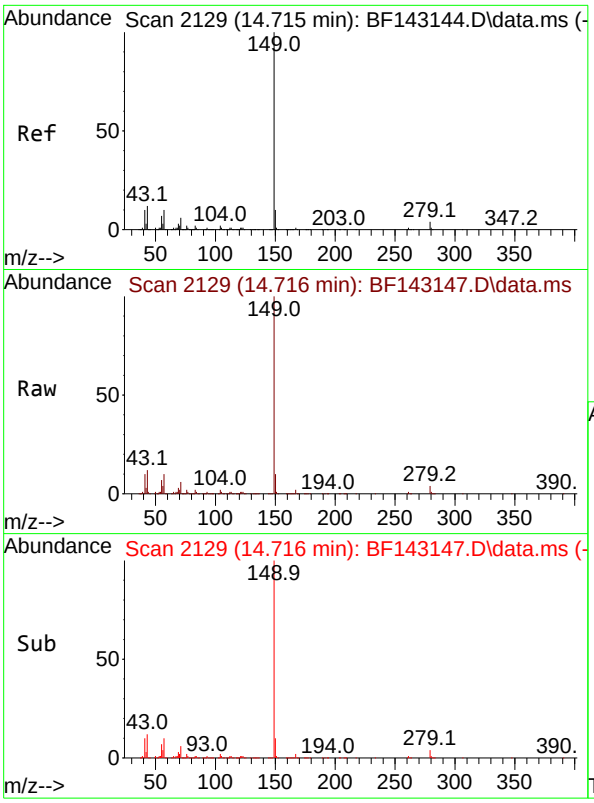




#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:149 Resp: 774366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.9 | 3.6 | 5.4 |



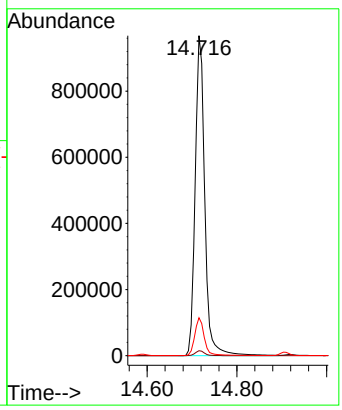


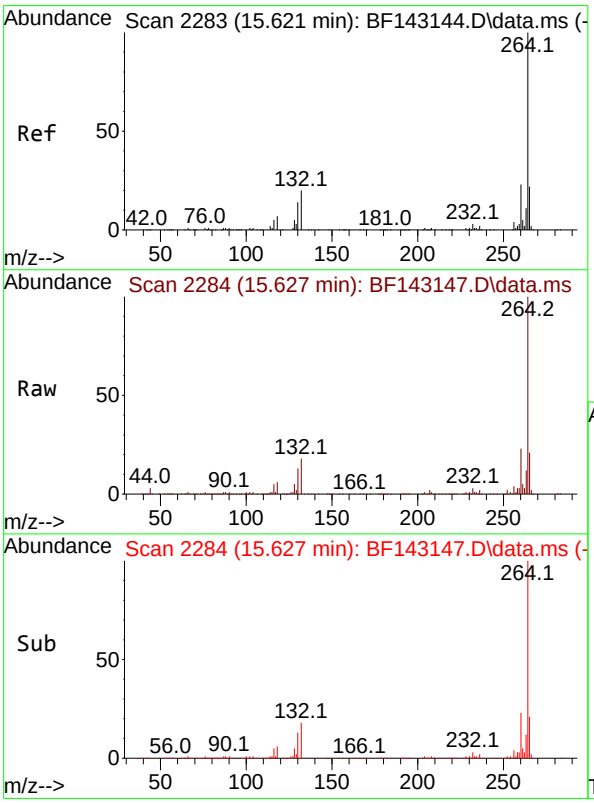

#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:149 Resp: 1434055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |

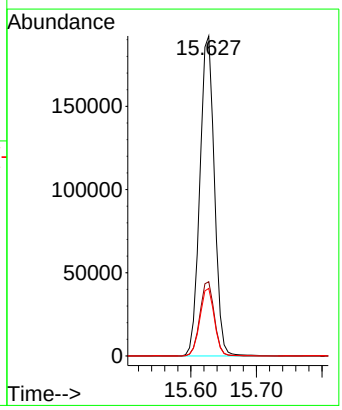


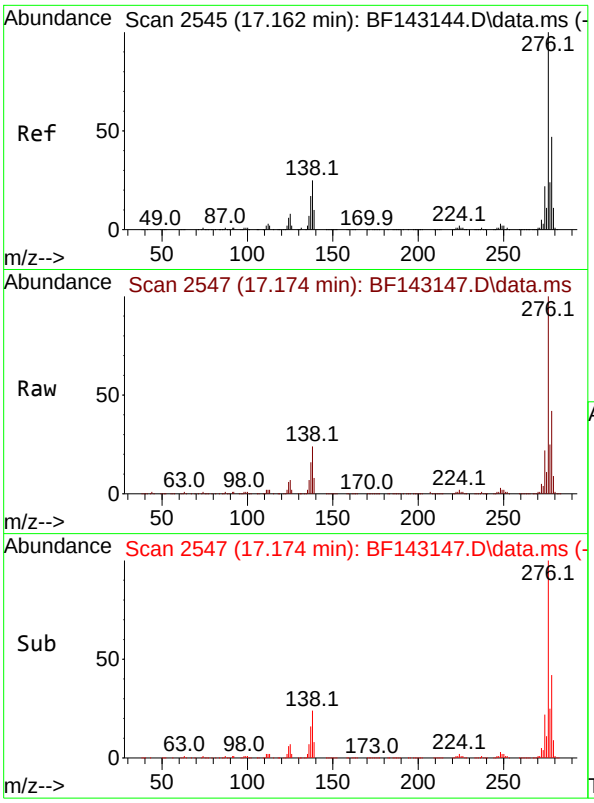




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:264 Resp: 296687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 21.1 | 17.4 | 26.2 |



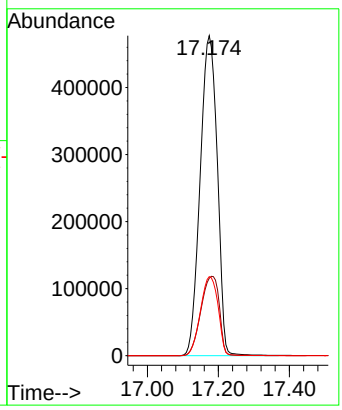


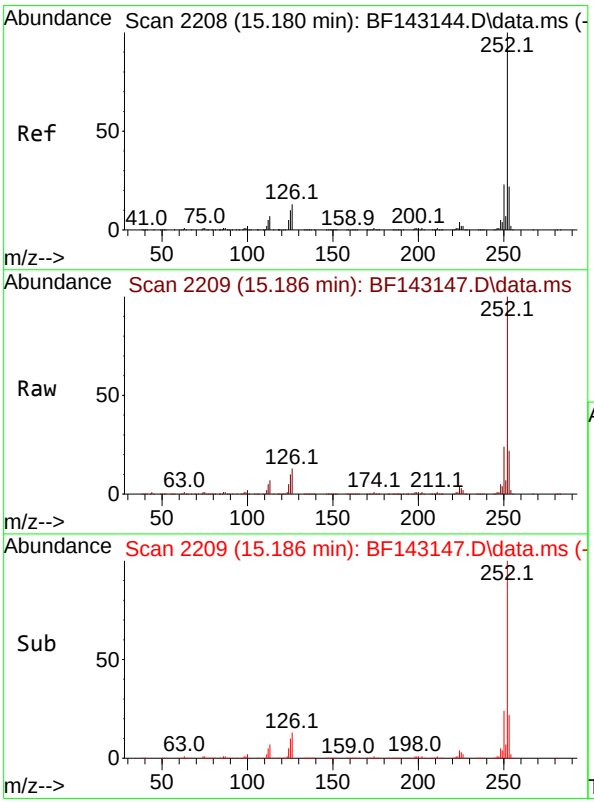

#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:276 Resp: 1604969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.5 | 21.8 | 32.6 |
| 277 | 25.5 | 20.0 | 30.0 |

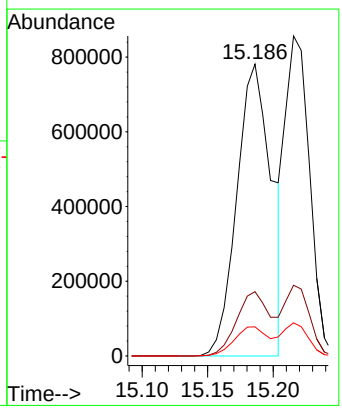


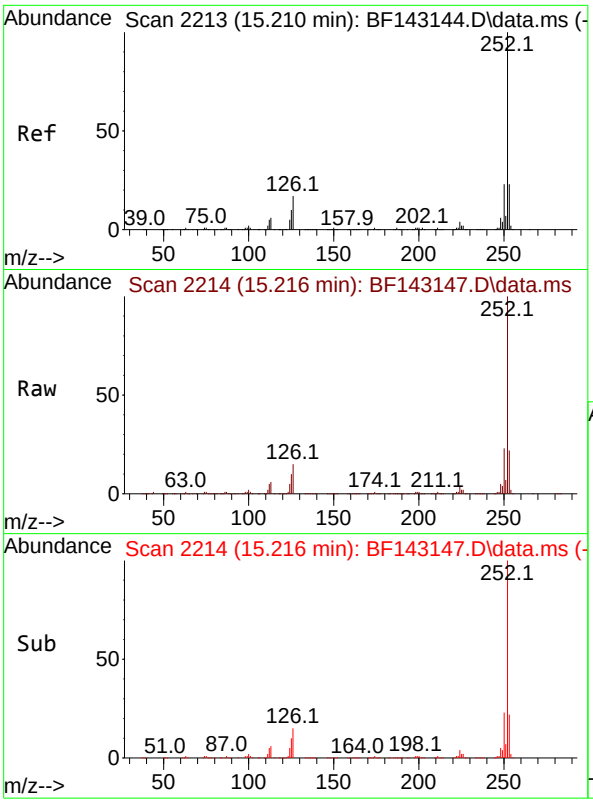




#88
Benzo(b)fluoranthene
Concen: 79.367 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1438518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.5 | 26.3 |
| 125 | 10.0 | 8.0 | 12.0 |



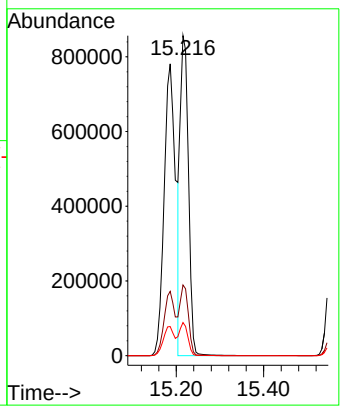


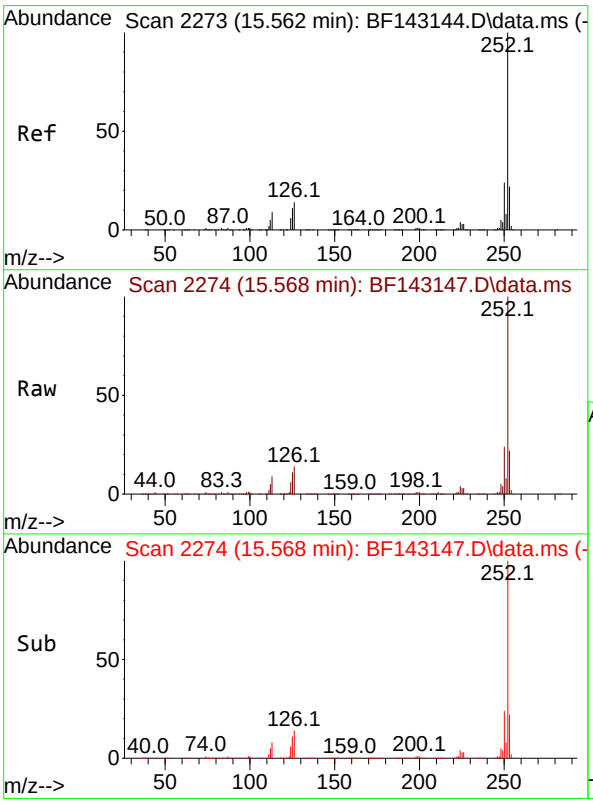

#89
Benzo(k)fluoranthene
Concen: 68.737 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:252 Resp: 1111726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.4 | 8.1 | 12.1 |

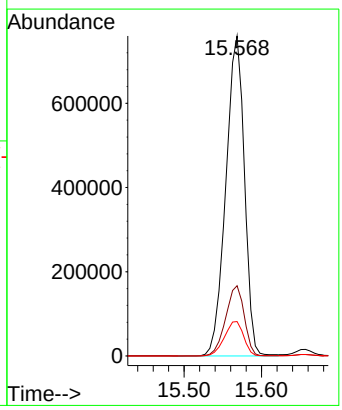


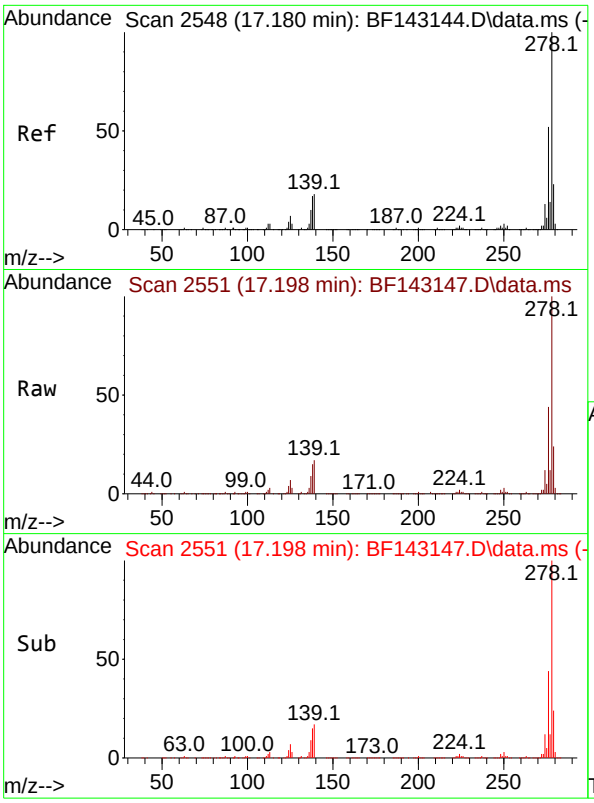




#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:252 Resp: 1269253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.3 | 25.9 |
| 125 | 10.8 | 8.6 | 13.0 |



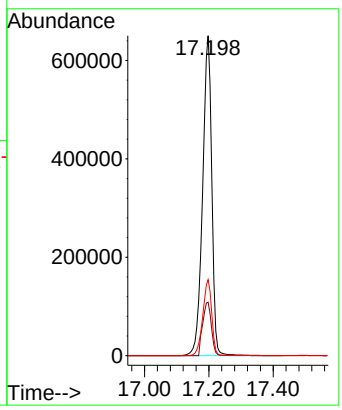


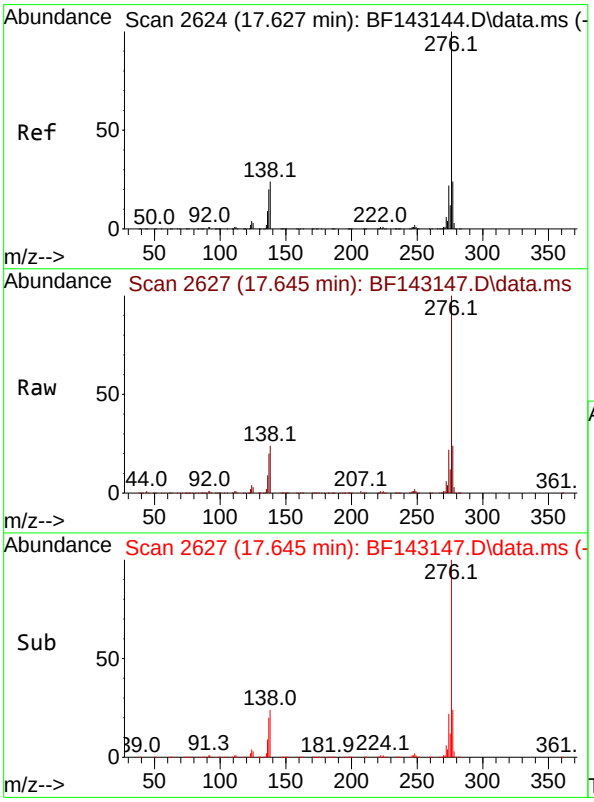

#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

Tgt Ion:278 Resp: 1289789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 14.1 | 21.1 |
| 279 | 23.8 | 18.6 | 28.0 |

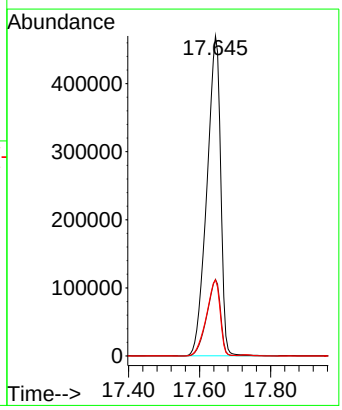



#92
Benzo(g,h,i)perylene
Concen: 76.846 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:276 Resp: 1265778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.1 | 28.7 |
| 138 | 23.7 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 143868 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 559677 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.998 | 164 | 287255 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 457098 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.121 | 240 | 265008 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.621 | 264 | 310192 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 701339 | 77.143 | ng | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 894087 | 78.133 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 811178 | 72.247 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 237309 | 79.969 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1449098 | 68.992 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 1234701 | 69.333 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 165605 | 38.496 | ng | 98 |
| 3) Pyridine | 3.569 | 79 | 453367 | 40.604 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 235215 | 40.802 | ng | 97 |
| 6) Aniline | 6.622 | 93 | 655116 | 41.078 | ng | 99 |
| 8) 2-Chlorophenol | 6.745 | 128 | 395767 | 41.530 | ng | 99 |
| 9) Benzaldehyde | 6.510 | 77 | 321269 | 37.441 | ng | 98 |
| 10) Phenol | 6.598 | 94 | 542809 | 43.542 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 387791 | 40.628 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 418232 | 40.400 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 424629 | 40.731 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 411560 | 41.506 | ng | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 366608 | 41.958 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 732274 | 41.357 | ng | 100 |
| 17) 2-Methylphenol | 7.204 | 107 | 331709 | 41.398 | ng | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 151232 | 41.903 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 296171 | 40.342 | ng | 100 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 412065 | 42.387 | ng | 98 |
| 22) Acetophenone | 7.369 | 105 | 533464 | 40.260 | ng | 99 |
| 24) Nitrobenzene | 7.539 | 77 | 436834 | 41.731 | ng | 98 |
| 25) Isophorone | 7.781 | 82 | 804071 | 40.567 | ng | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 203967 | 44.896 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.886 | 122 | 377575 | 40.773 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 474637 | 39.939 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 319216 | 40.875 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 342135 | 40.551 | ng | 99 |
| 31) Naphthalene | 8.269 | 128 | 1106482 | 40.143 | ng | 100 |
| 32) Benzoic acid | 7.986 | 122 | 202337 | 39.782 | ng | 98 |
| 33) 4-Chloroaniline | 8.310 | 127 | 457742 | 40.671 | ng | 99 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 212781 | 41.284 | ng | 100 |
| 35) Caprolactam | 8.675 | 113 | 96661 | 40.959 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.780 | 107 | 344726 | 40.611 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 675594 | 40.279 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 703170 | 40.712 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 339567 | 40.944 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 231349 | 42.872 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 231043 | 40.253 | ng | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

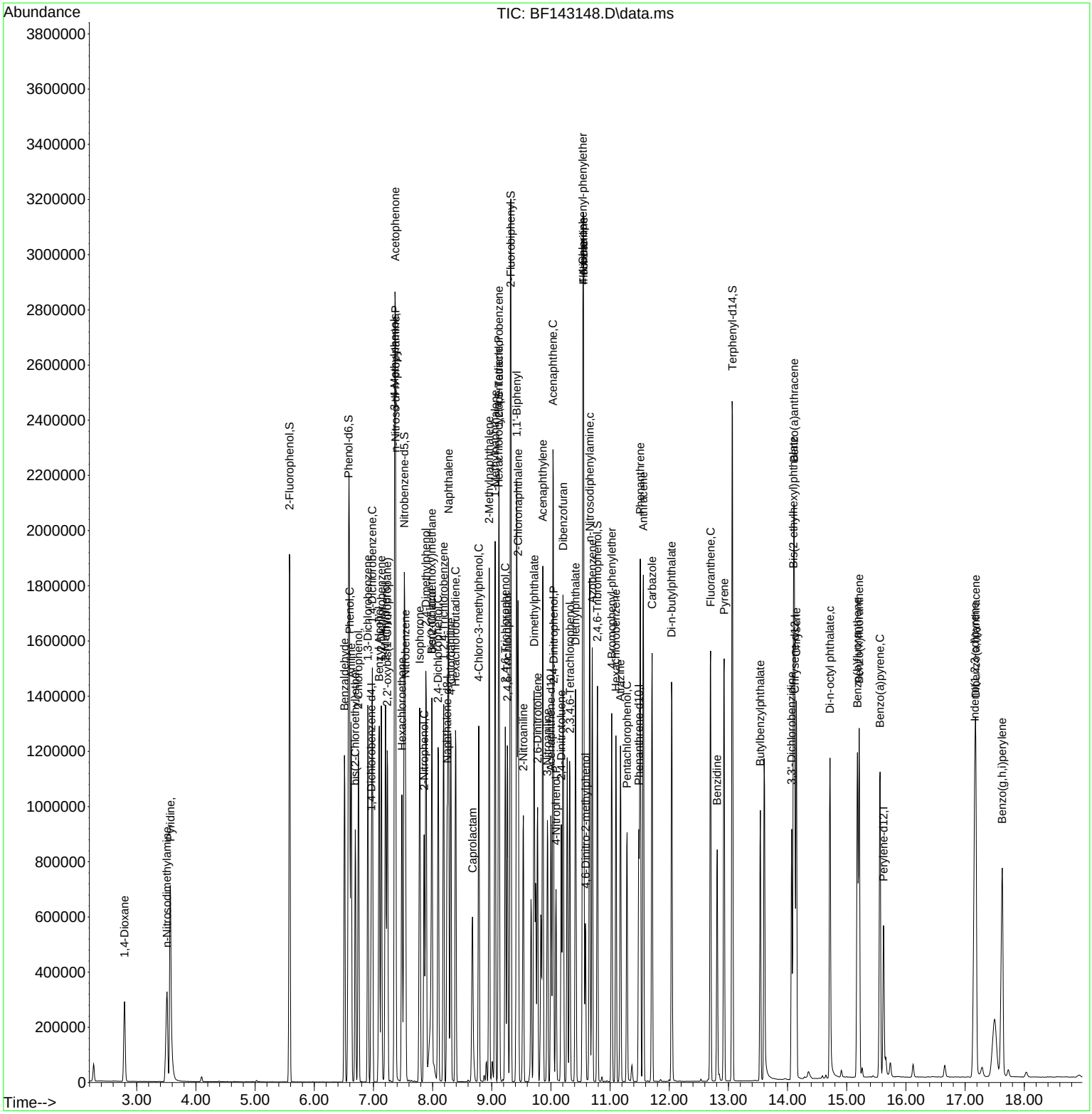
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 246820 | 42.989 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 920059 | 41.053 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 666359 | 40.184 | ng | 100 |
| 48) 2-Nitroaniline | 9.533 | 65 | 227376 | 43.723 | ng | 100 |
| 49) Acenaphthylene | 9.863 | 152 | 1111992 | 40.013 | ng | 100 |
| 50) Dimethylphthalate | 9.716 | 163 | 753041 | 40.218 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 166911 | 43.820 | ng | 98 |
| 52) Acenaphthene | 10.033 | 154 | 659908 | 40.176 | ng | 99 |
| 53) 3-Nitroaniline | 9.939 | 138 | 191512 | 42.985 | ng | 98 |
| 54) 2,4-Dinitrophenol | 10.045 | 184 | 64659 | 40.998 | ng | 98 |
| 55) Dibenzofuran | 10.204 | 168 | 974991 | 39.981 | ng | 100 |
| 56) 4-Nitrophenol | 10.086 | 139 | 140876 | 42.344 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.175 | 165 | 212369 | 44.440 | ng | 97 |
| 58) Fluorene | 10.551 | 166 | 717816 | 39.219 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 198530 | 41.743 | ng | 99 |
| 60) Diethylphthalate | 10.416 | 149 | 753774 | 40.729 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 367981 | 40.377 | ng | 99 |
| 62) 4-Nitroaniline | 10.551 | 138 | 160193 | 41.953 | ng | 98 |
| 63) Azobenzene | 10.698 | 77 | 779524 | 40.414 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198 | 98462 | 41.869 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 647855 | 40.250 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248 | 222405 | 40.828 | ng | 100 |
| 68) Hexachlorobenzene | 11.098 | 284 | 229272 | 40.268 | ng | 100 |
| 69) Atrazine | 11.174 | 200 | 189104 | 42.615 | ng | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 141608 | 42.292 | ng | 99 |
| 71) Phenanthrene | 11.510 | 178 | 971448 | 40.026 | ng | 100 |
| 72) Anthracene | 11.563 | 178 | 1003925 | 40.557 | ng | 99 |
| 73) Carbazole | 11.710 | 167 | 874867 | 40.476 | ng | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1035244 | 42.330 | ng | 100 |
| 75) Fluoranthene | 12.698 | 202 | 909717 | 40.836 | ng | 100 |
| 77) Benzidine | 12.810 | 184 | 441470 | 43.239 | ng | 100 |
| 78) Pyrene | 12.927 | 202 | 902771 | 39.916 | ng | 99 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 303528 | 43.827 | ng | 98 |
| 81) Benzo(a)anthracene | 14.110 | 228 | 708799 | 39.950 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.068 | 252 | 258837 | 43.772 | ng | 100 |
| 83) Chrysene | 14.145 | 228 | 673701 | 42.233 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 456811 | 43.578 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.715 | 149 | 818512 | 43.077 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.162 | 276 | 896404 | 40.983 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 820119 | 43.278 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.209 | 252 | 634642 | 37.531 | ng | 99 |
| 90) Benzo(a)pyrene | 15.562 | 252 | 708756 | 40.594 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 724758 | 40.710 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.627 | 276 | 712864 | 41.394 | ng | 100 |

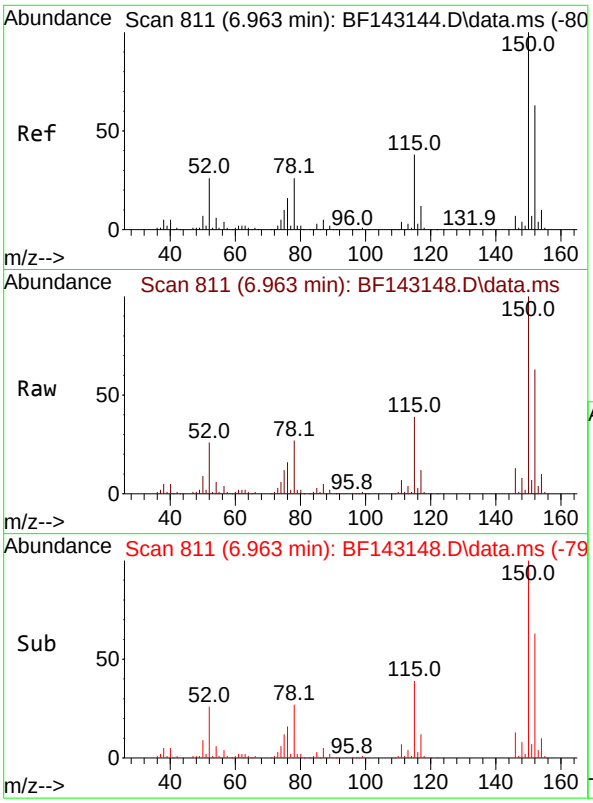
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



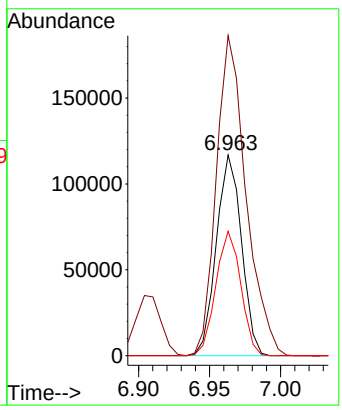


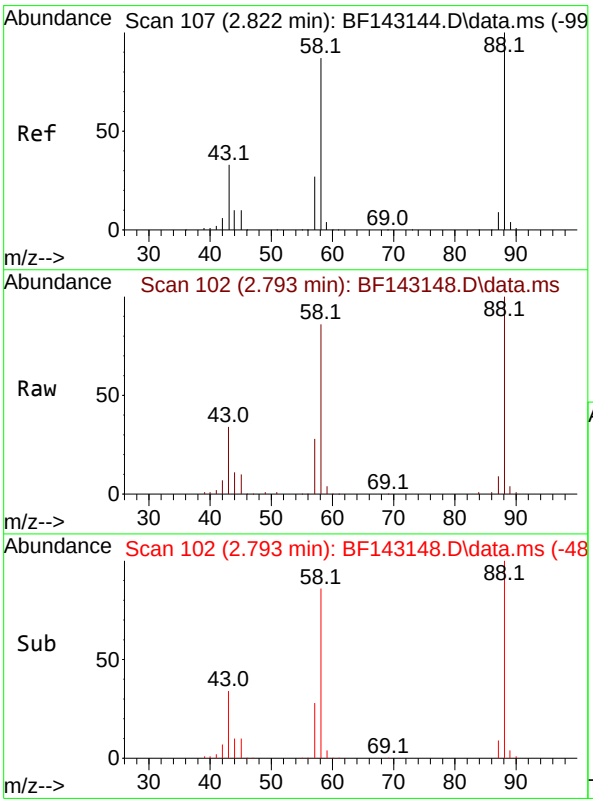

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:152 Resp: 143868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 128.2 | 192.4 |
| 115 | 62.0 | 47.9 | 71.9 |

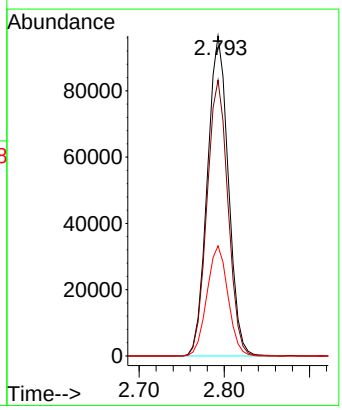


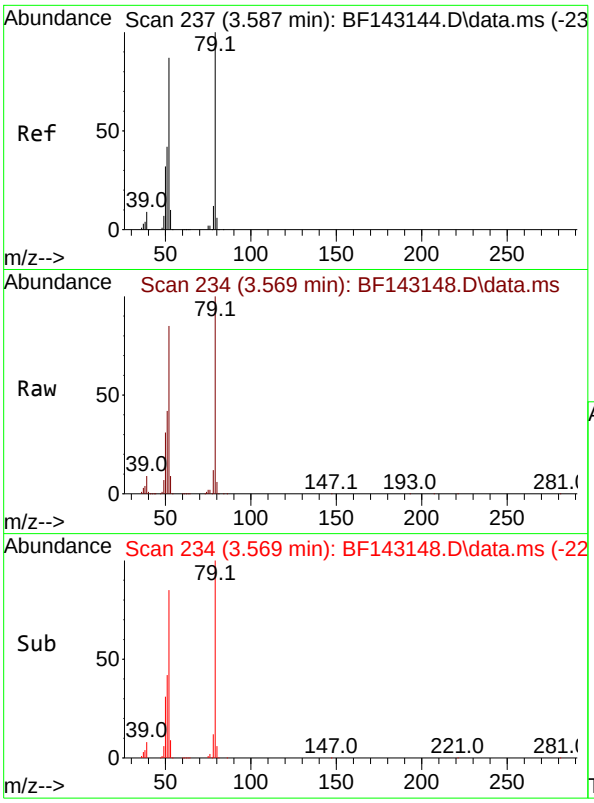




#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 88 Resp: 165605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.0 | 70.2 | 105.2 |
| 43 | 34.4 | 27.1 | 40.7 |



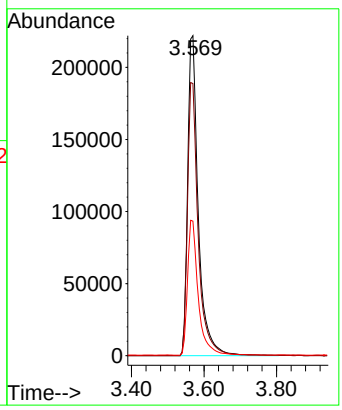


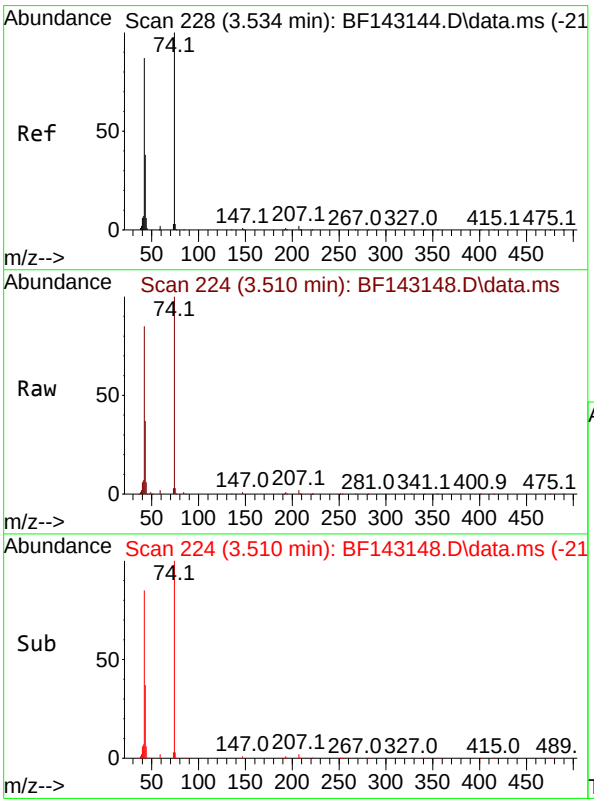

#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 79 Resp: 453367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.0 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |

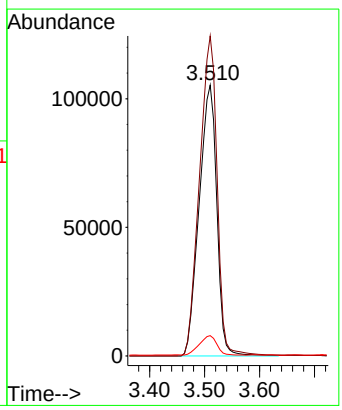


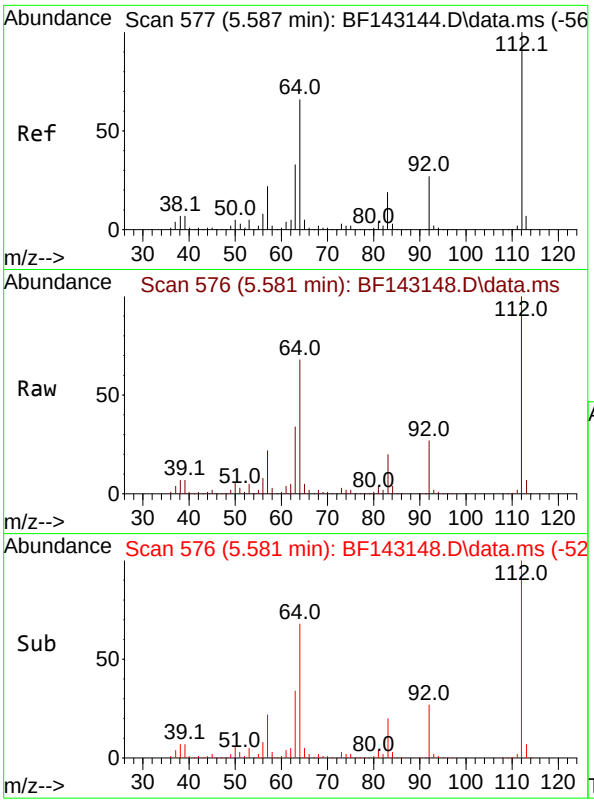




#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.1 | 91.7 | 137.5 |
| 44 | 7.5 | 5.6 | 8.4 |



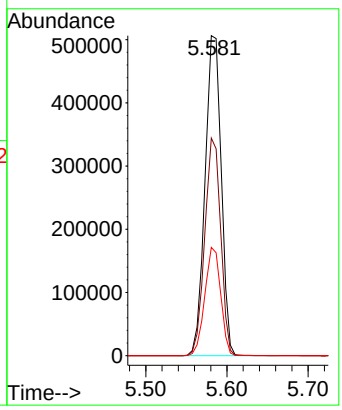


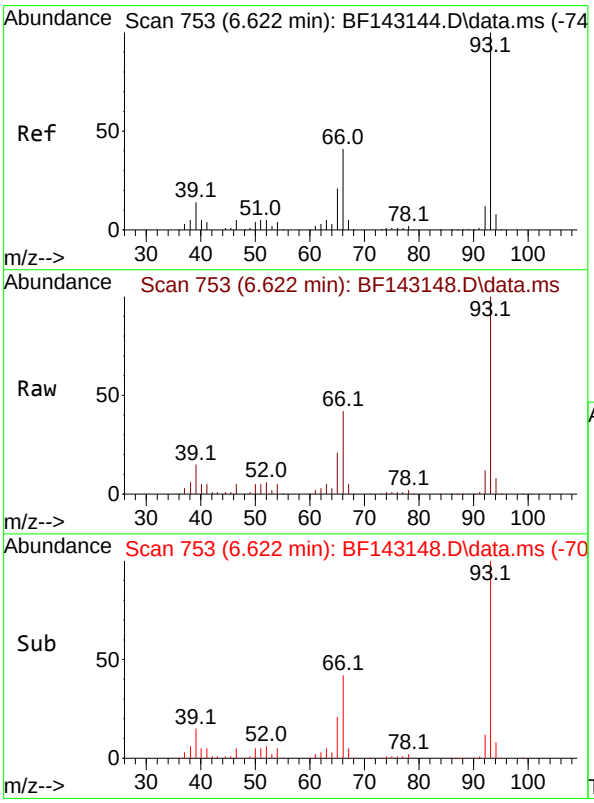

#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:112 Resp: 701339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.0 | 53.1 | 79.7 |
| 63 | 33.9 | 26.6 | 40.0 |

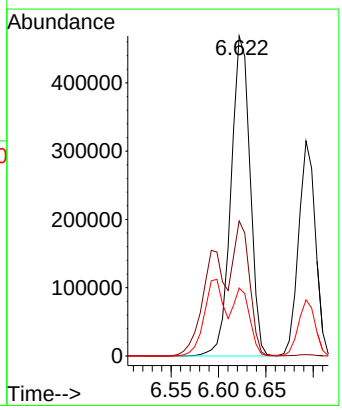


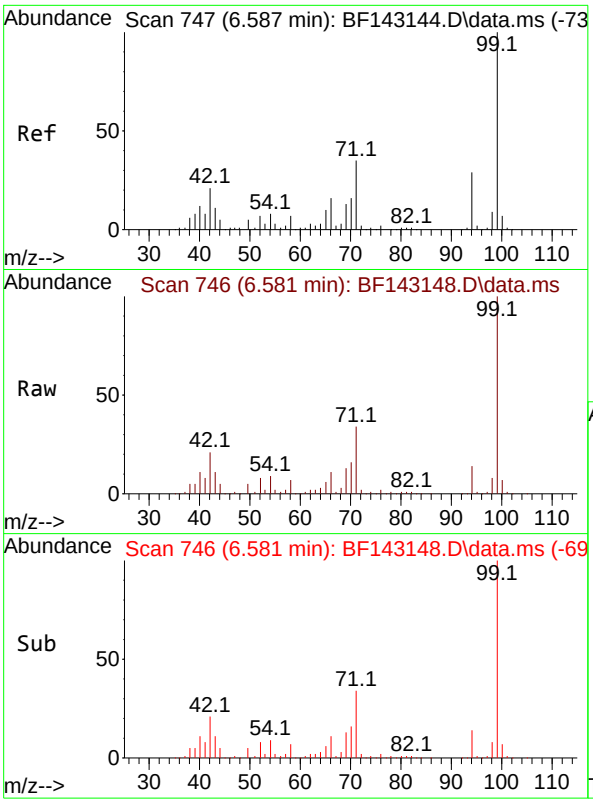




#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 655116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.2 | 33.2 | 49.8 |
| 65 | 21.3 | 16.9 | 25.3 |



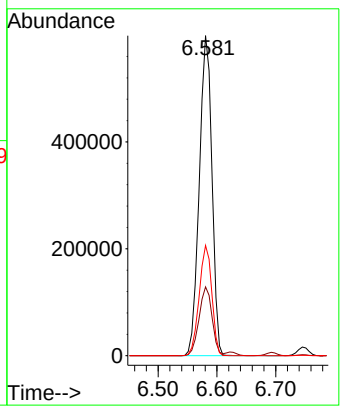


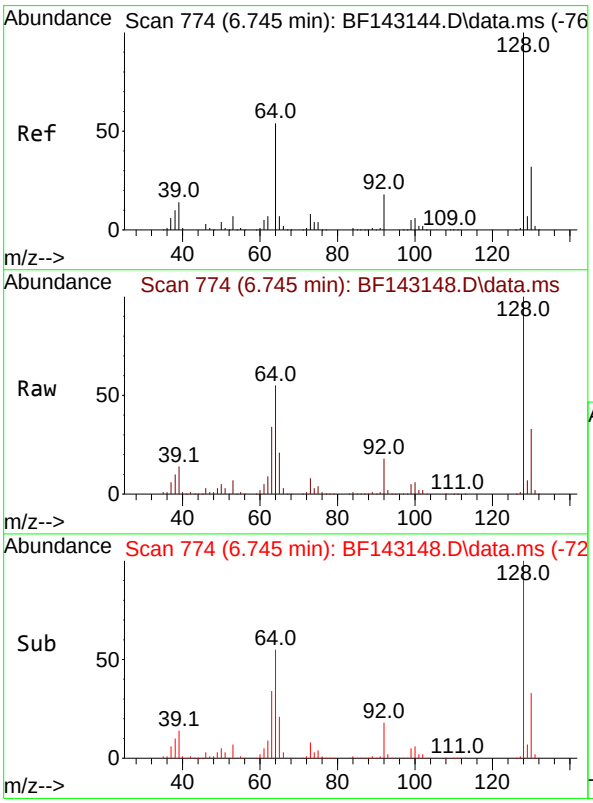

#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 99 Resp: 894087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 17.0 | 25.6 |
| 71 | 34.5 | 27.7 | 41.5 |

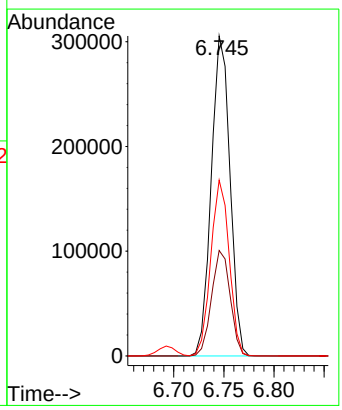


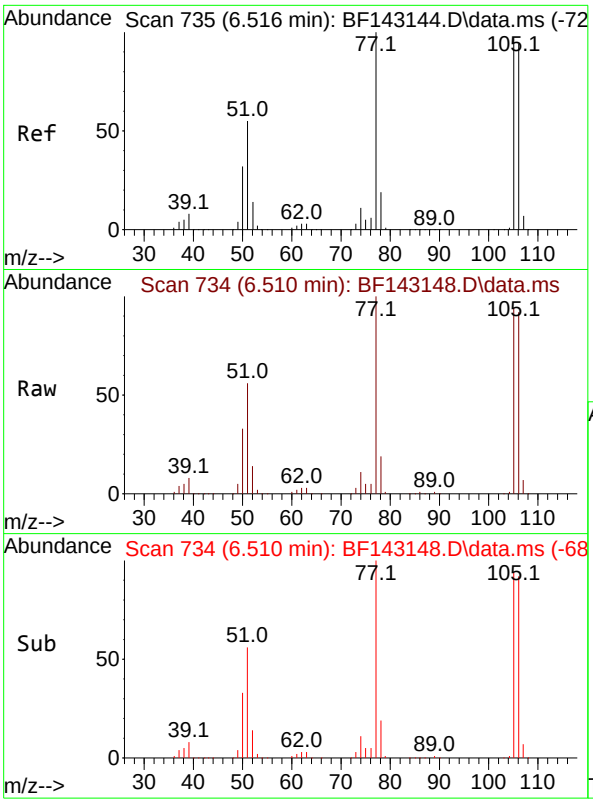




#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 54.9 | 35.9 | 75.9 |



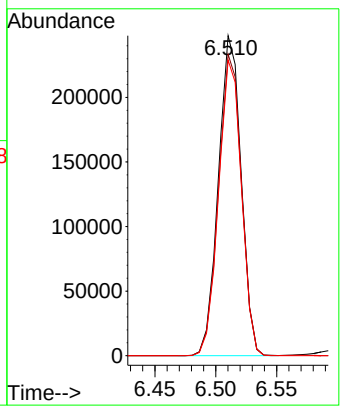


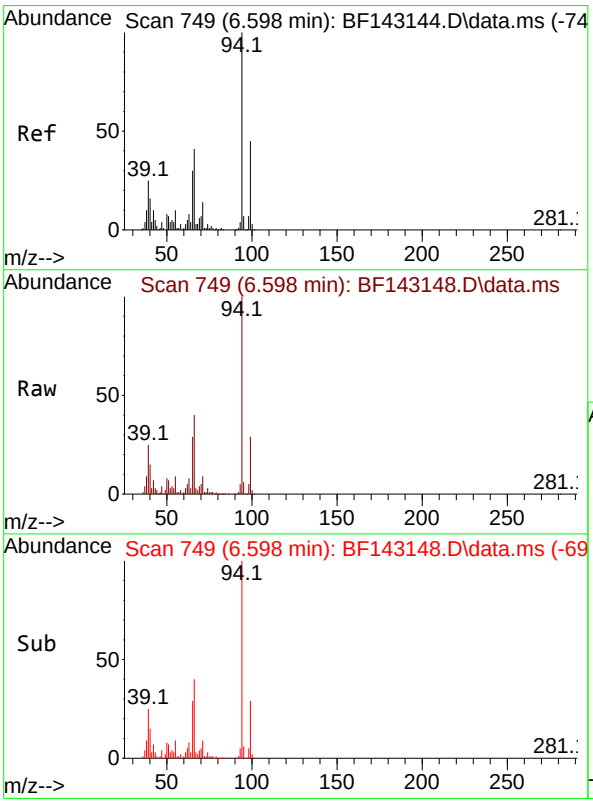

#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 77 Resp: 321269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.2 | 76.8 | 116.8 |
| 106 | 92.4 | 74.4 | 114.4 |

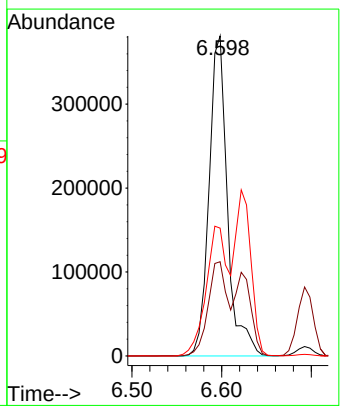


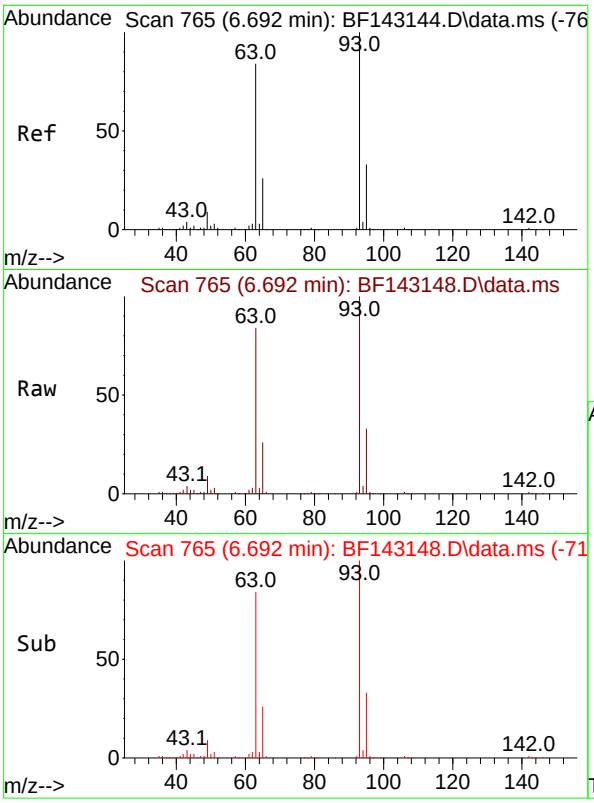




#10
Phenol
Concen: 43.542 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 542809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.0 | 50.0 |
| 66 | 40.0 | 20.8 | 60.8 |



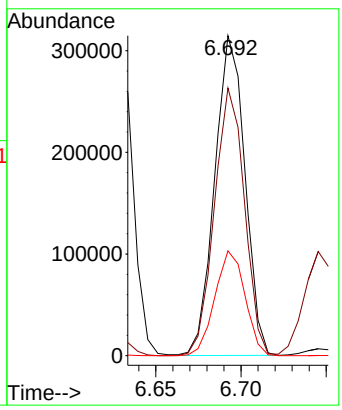


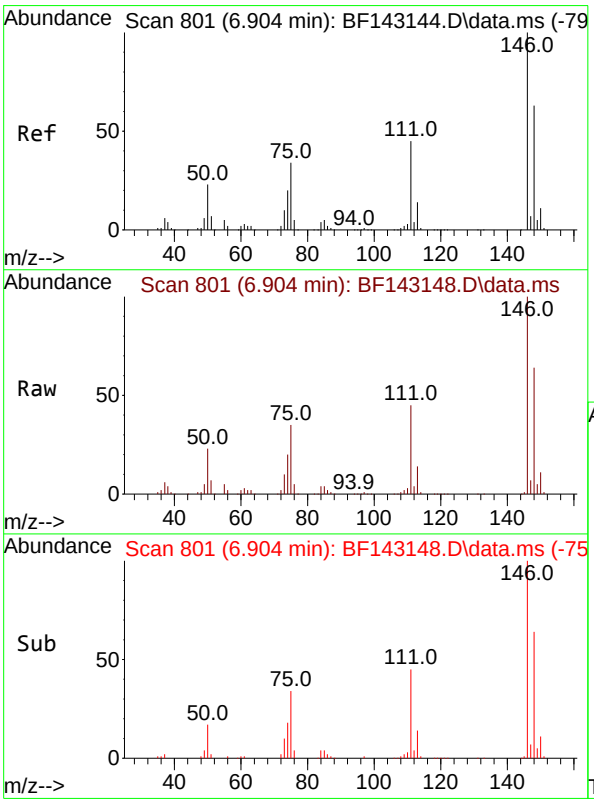

#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 93 Resp: 387791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.7 | 63.4 | 103.4 |
| 95 | 32.7 | 12.4 | 52.4 |

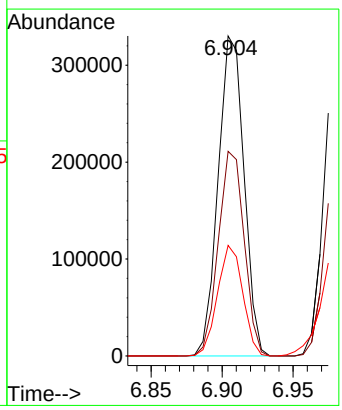


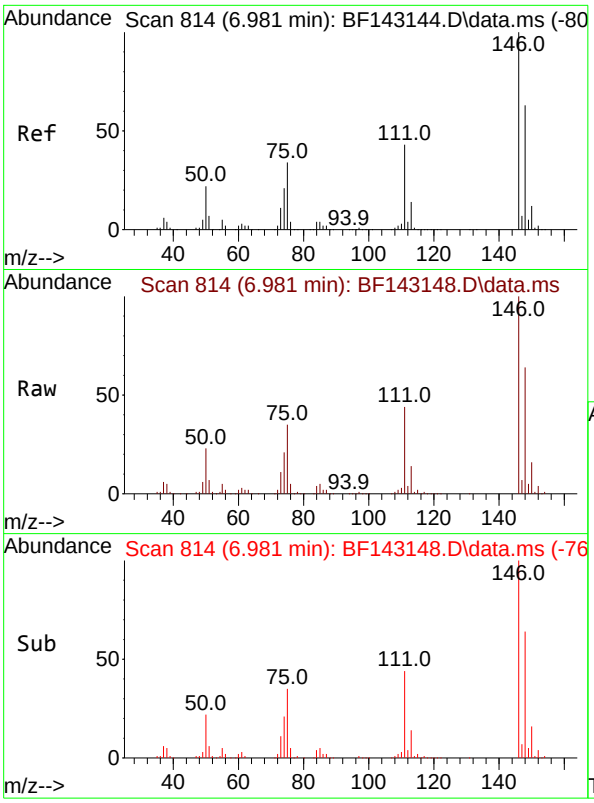




#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 50.6 | 76.0 |
| 75 | 34.6 | 27.4 | 41.2 |



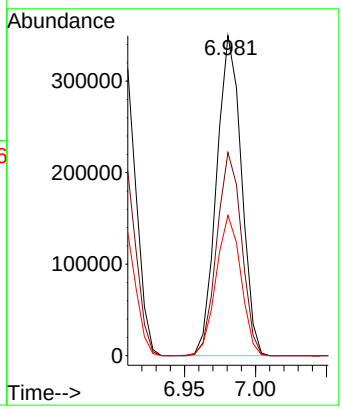


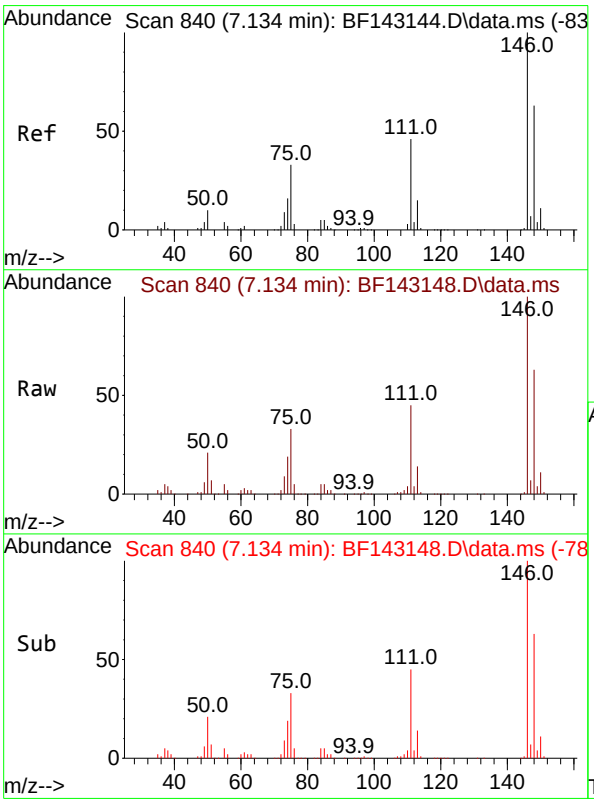

#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:146 Resp: 424629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.3 | 75.5 |
| 111 | 43.8 | 34.4 | 51.6 |

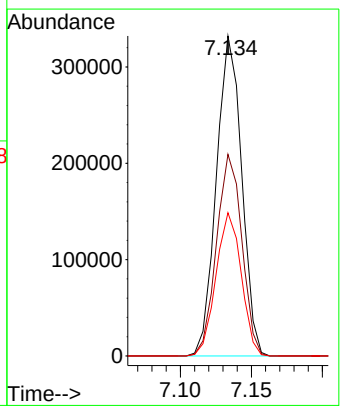


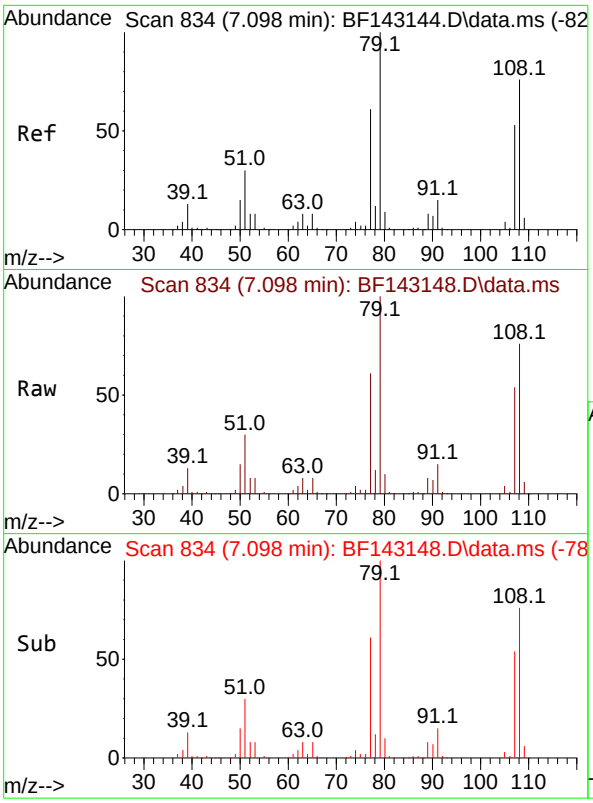




#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.7 | 76.1 |
| 111 | 44.8 | 36.6 | 54.8 |



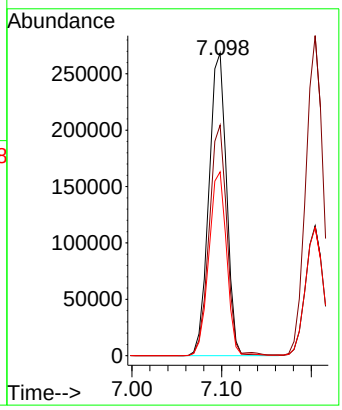


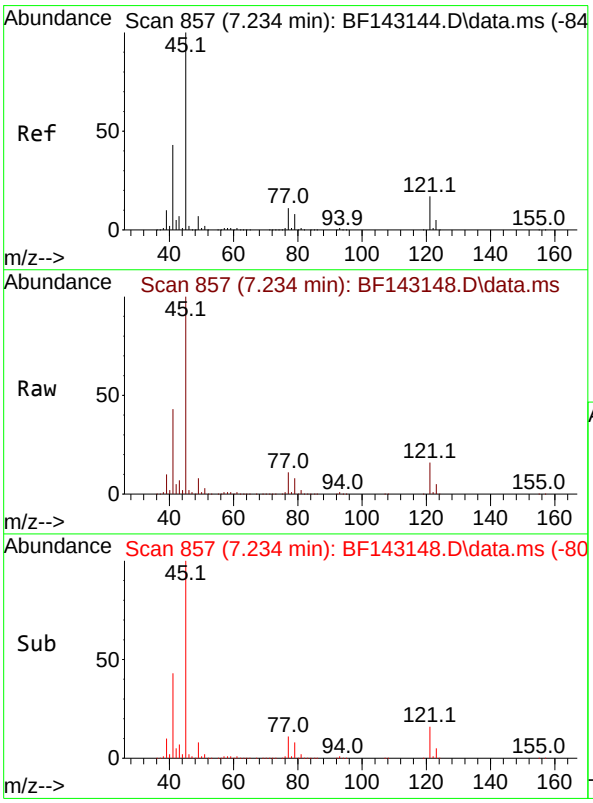

#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 79 Resp: 366608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.2 | 61.1 | 91.7 |
| 77 | 60.8 | 48.9 | 73.3 |

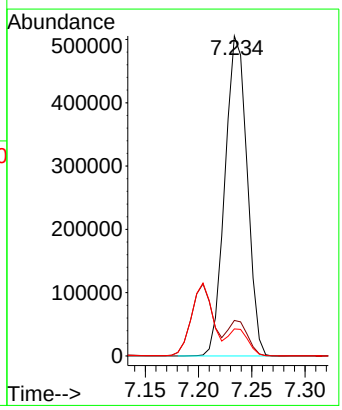


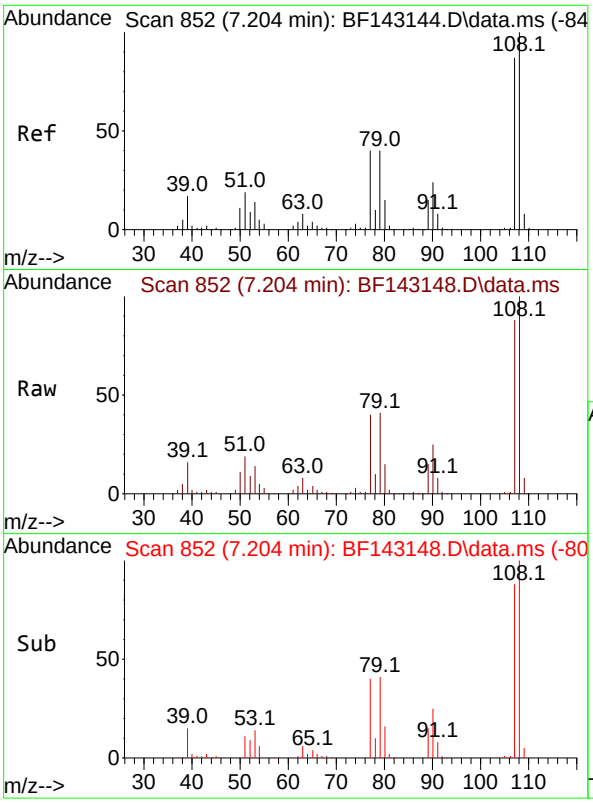




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.1 | 0.0 | 31.2 |
| 79 | 8.5 | 0.0 | 28.5 |



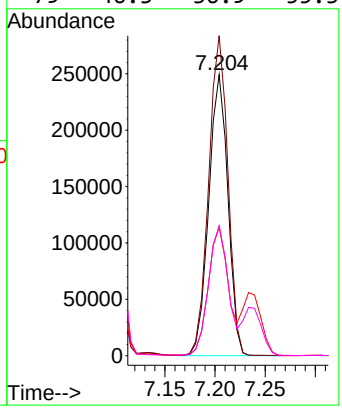


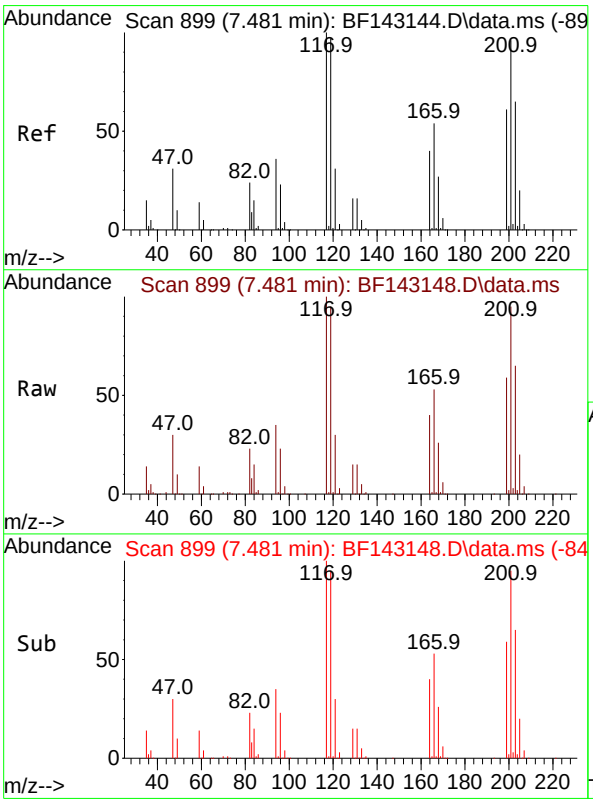

#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:107 Resp: 331709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.8 | 137.6 |
| 77 | 45.7 | 37.0 | 55.6 |
| 79 | 46.3 | 36.9 | 55.3 |

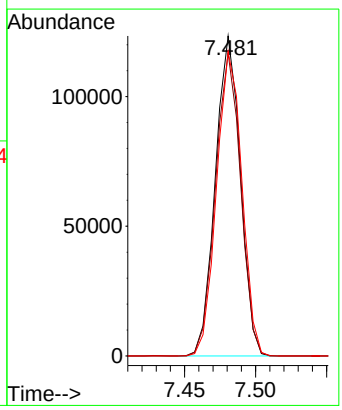


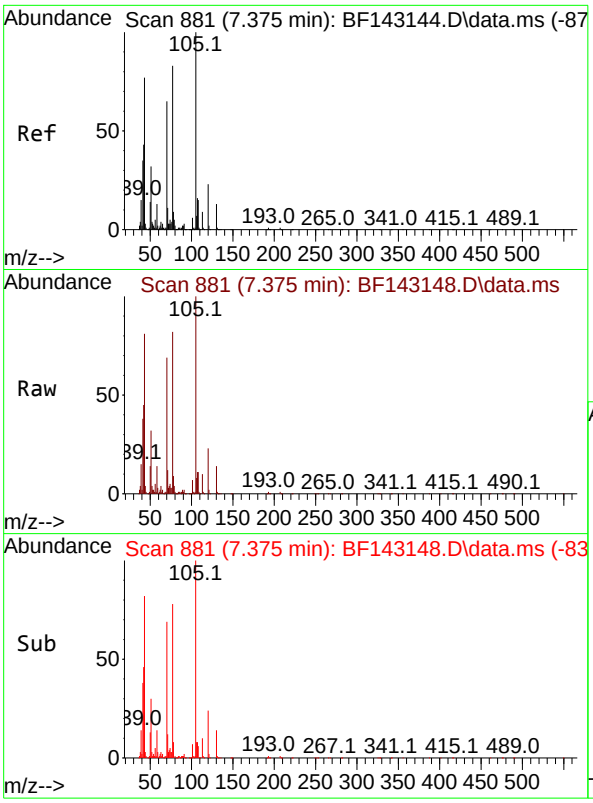




#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.8 | 116.8 |
| 201 | 95.2 | 77.0 | 115.4 |



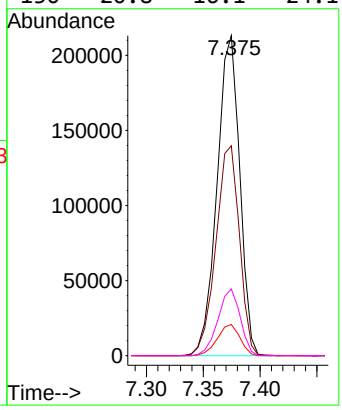


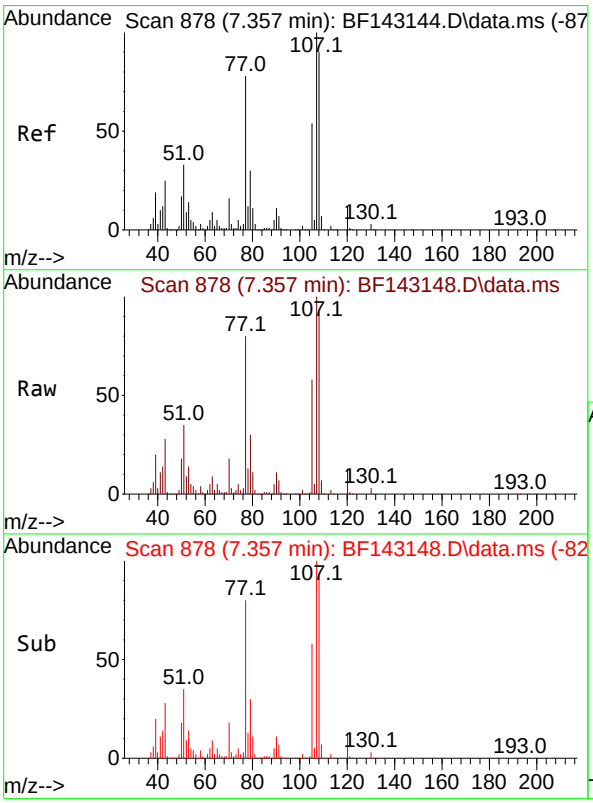

#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 70 Resp: 296171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.6 | 52.5 | 78.7 |
| 101 | 9.8 | 7.6 | 11.4 |
| 130 | 20.8 | 16.1 | 24.1 |

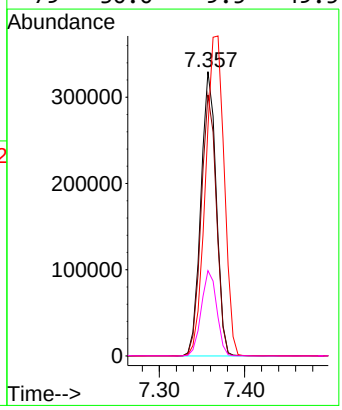


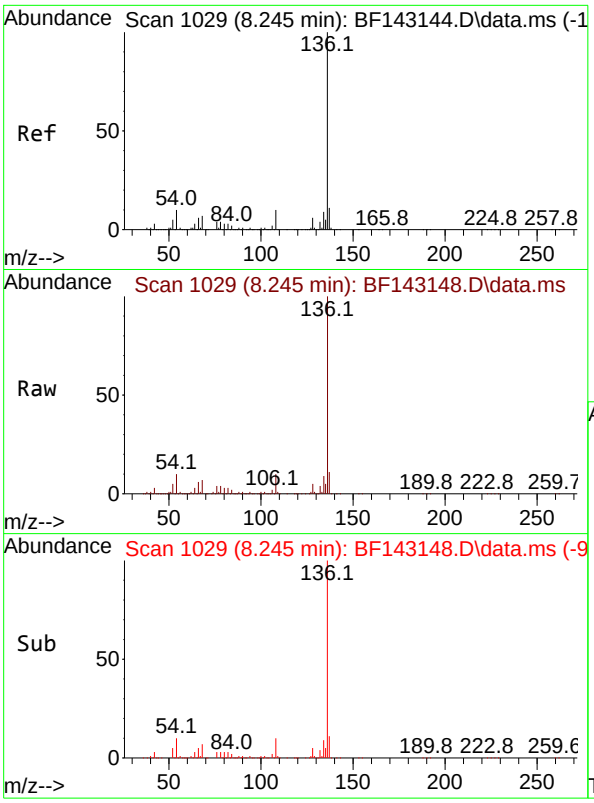




#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 412065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.8 | 70.0 | 110.0 |
| 77 | 80.5 | 57.8 | 97.8 |
| 79 | 30.0 | 9.5 | 49.5 |



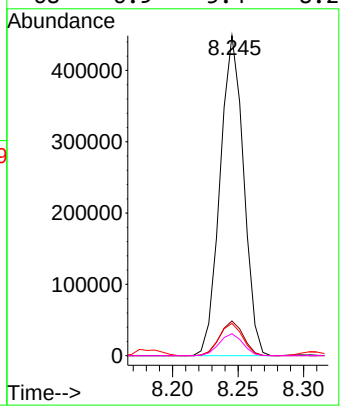


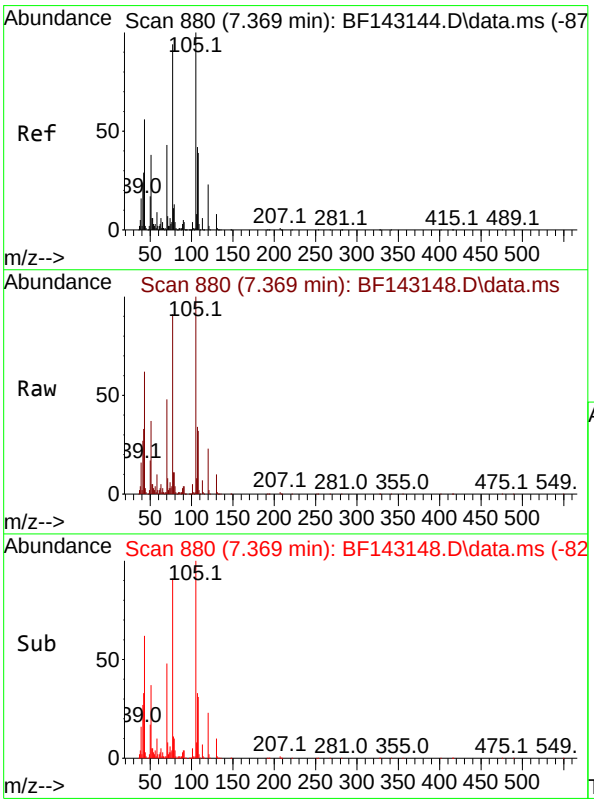

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:136 Resp: 559677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 10.1 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |

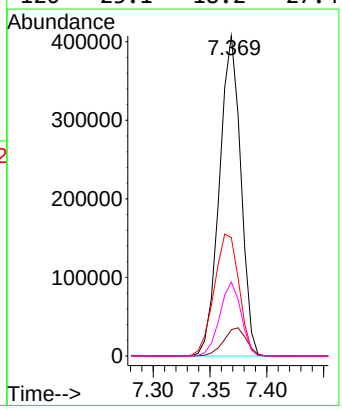


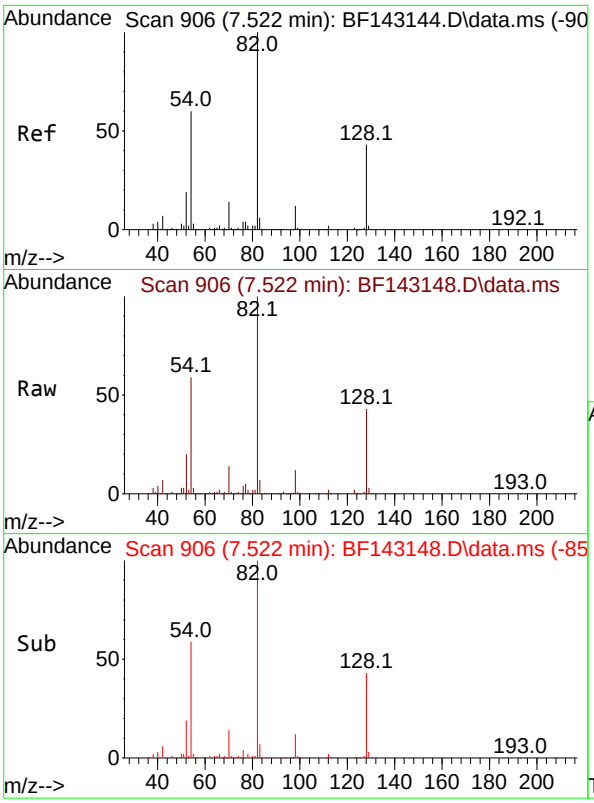




#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.2 | 5.8 | 8.6 |
| 51 | 37.0 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |



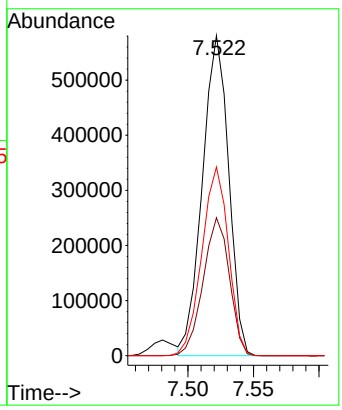


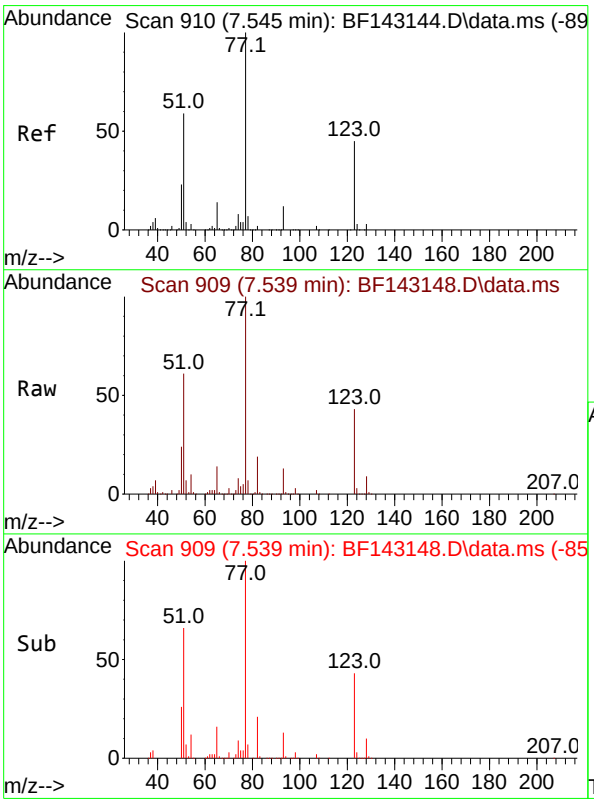

#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 82 Resp: 811178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 33.6 | 50.4 |
| 54 | 58.9 | 47.1 | 70.7 |

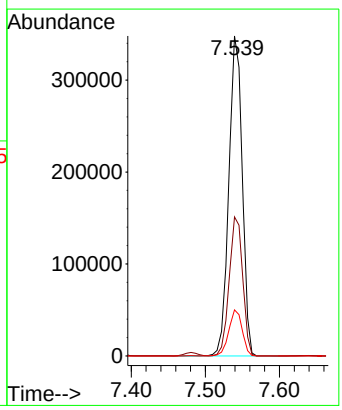


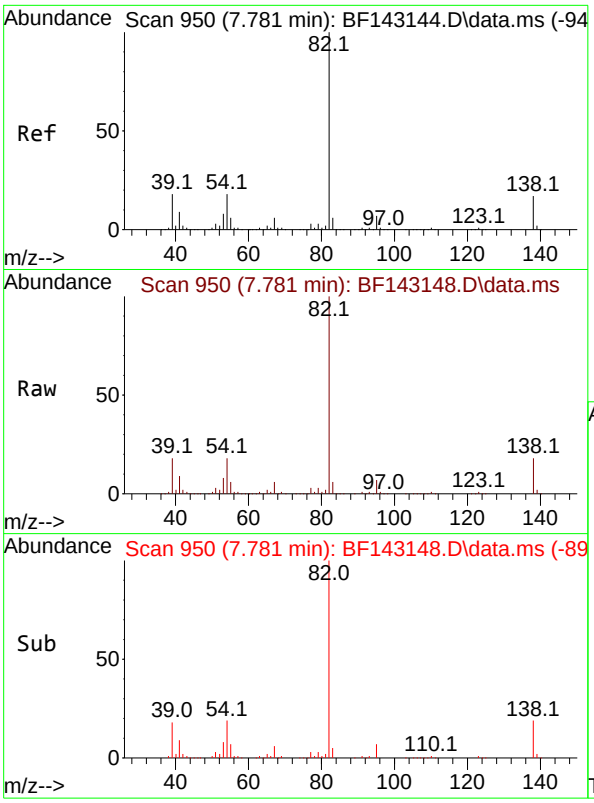




#24
Nitrobenzene
Concen: 41.731 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 77 Resp: 436834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |



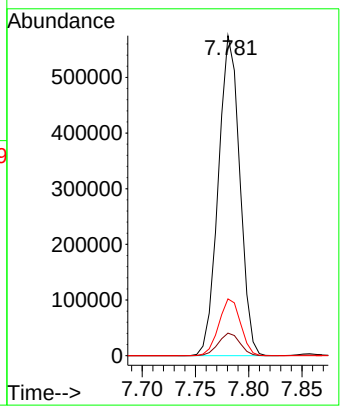


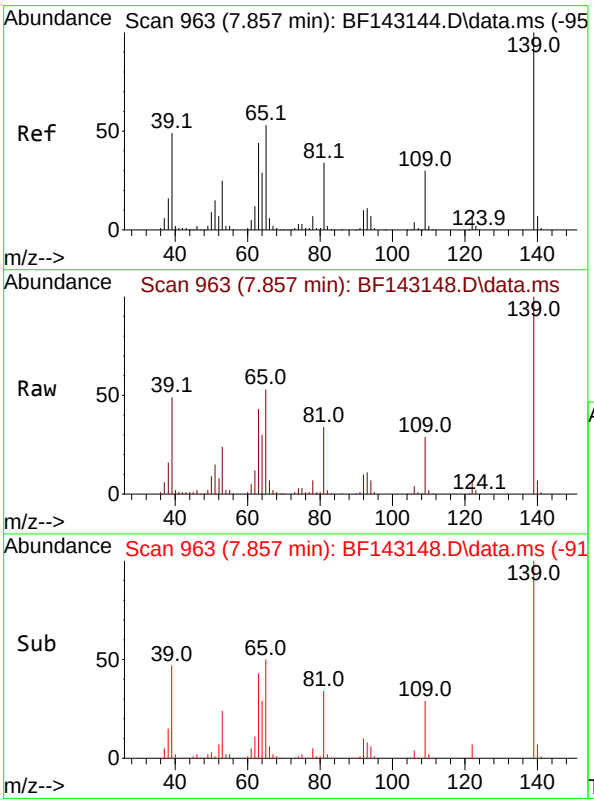

#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 82 Resp: 804071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.8 | 13.8 | 20.8 |

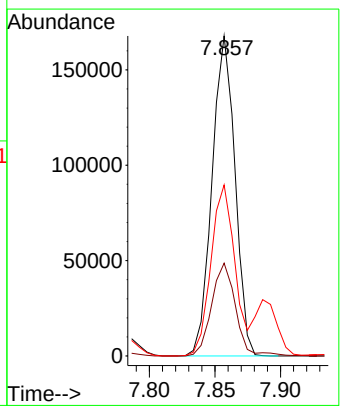


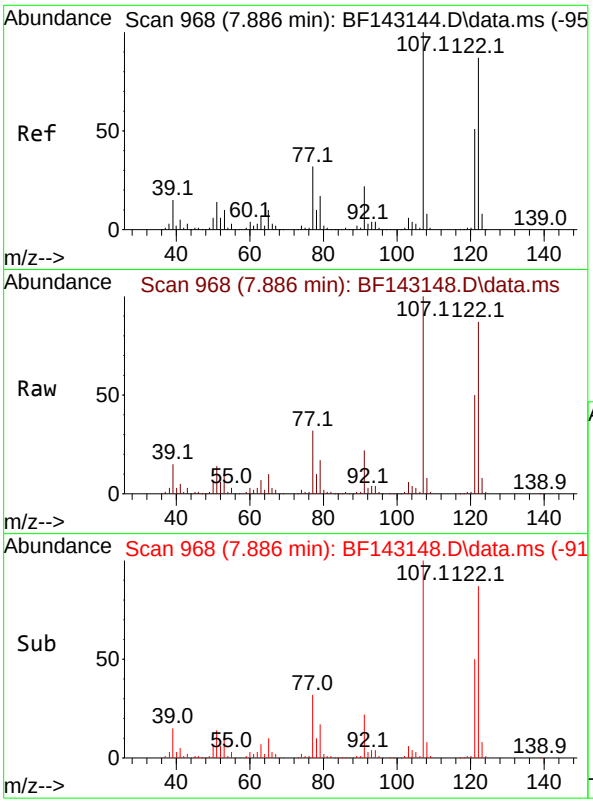




#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 23.6 | 35.4 |
| 65 | 53.4 | 42.6 | 64.0 |



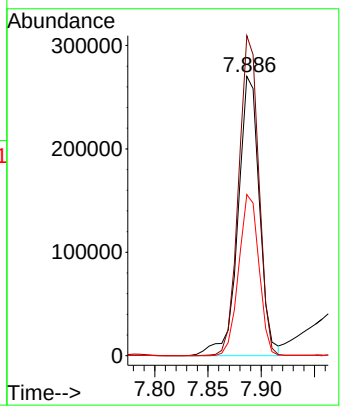


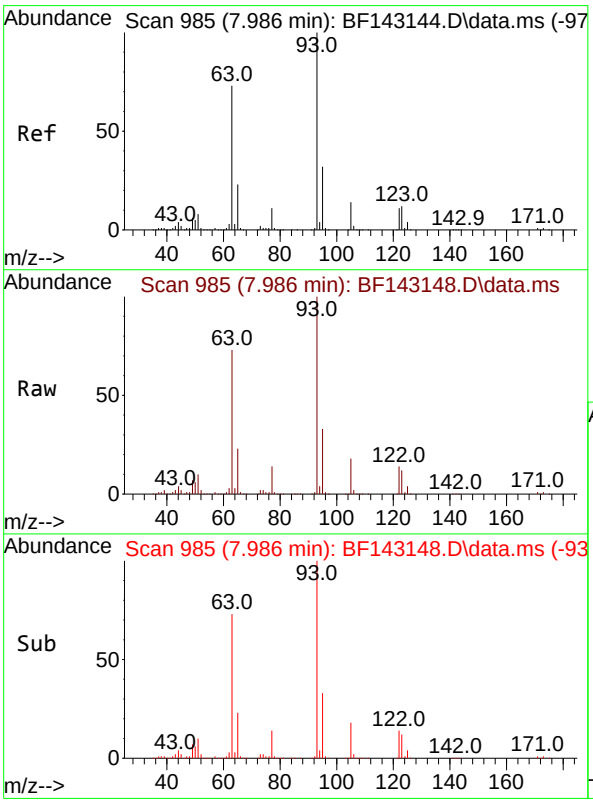

#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:122 Resp: 377575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.6 | 91.8 | 137.6 |
| 121 | 57.7 | 46.3 | 69.5 |

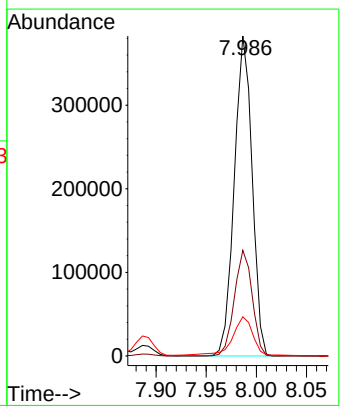


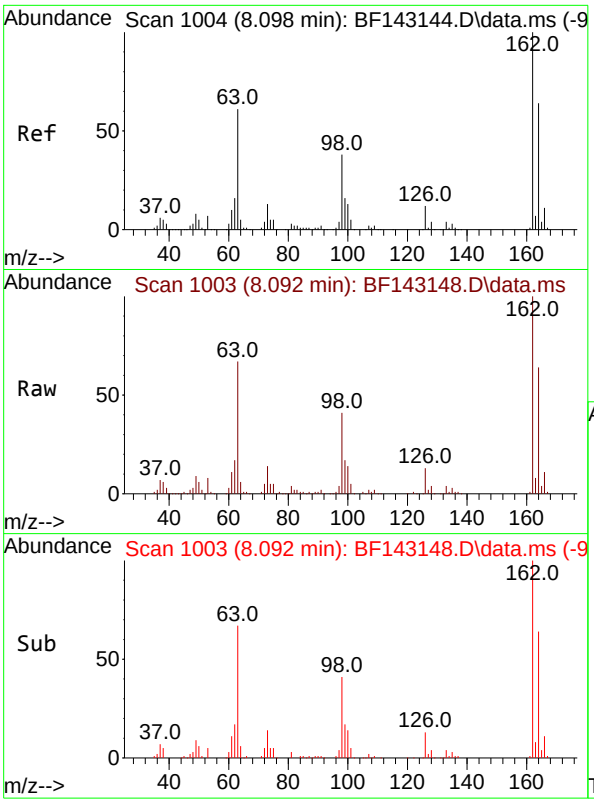




#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |



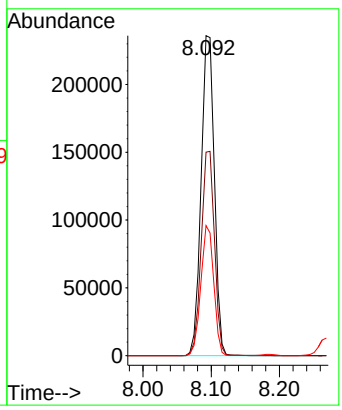


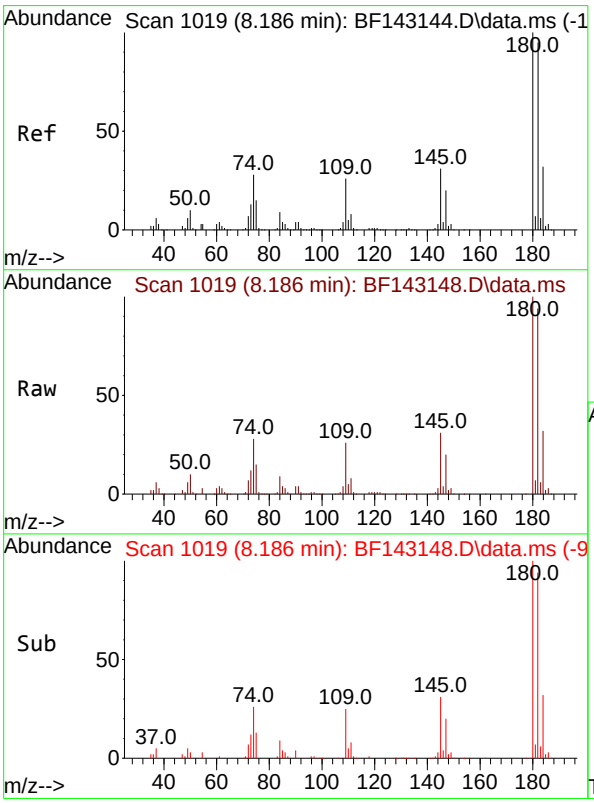

#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:162 Resp: 319216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 44.2 | 84.2 |
| 98 | 40.7 | 17.9 | 57.9 |

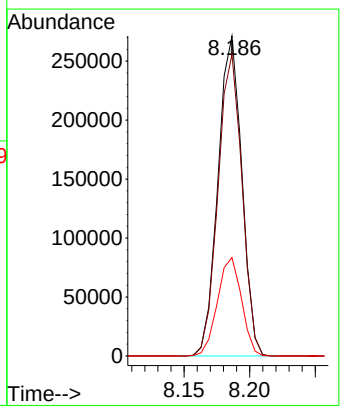


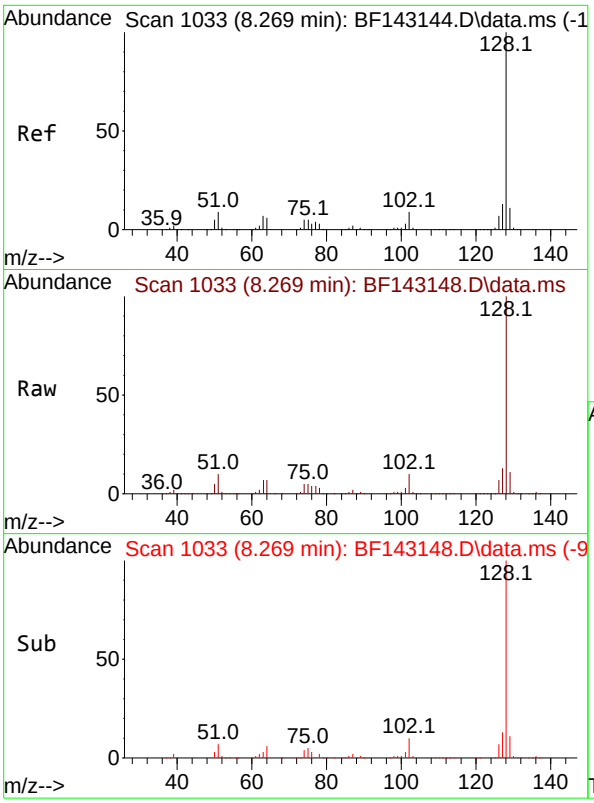




#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 30.8 | 25.0 | 37.6 |



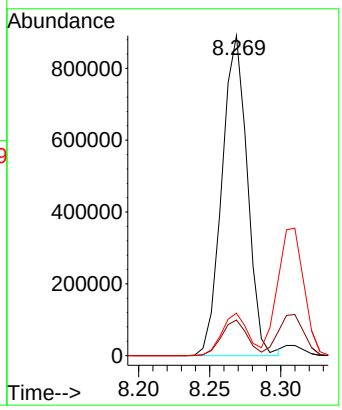


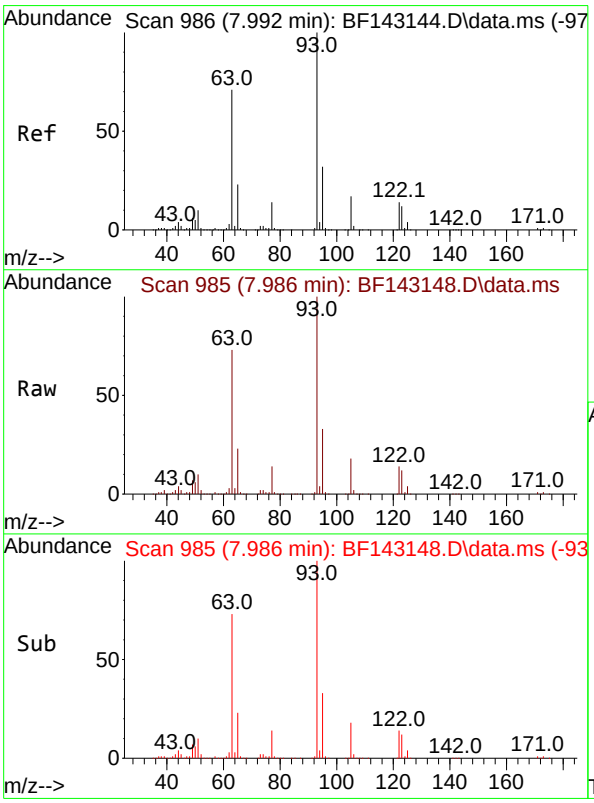

#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:128 Resp: 1106482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

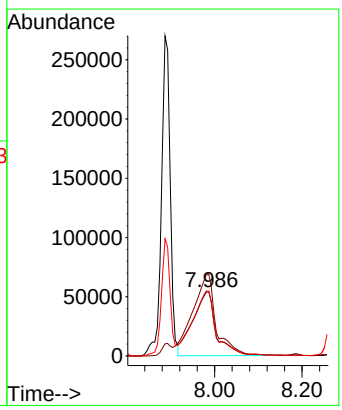


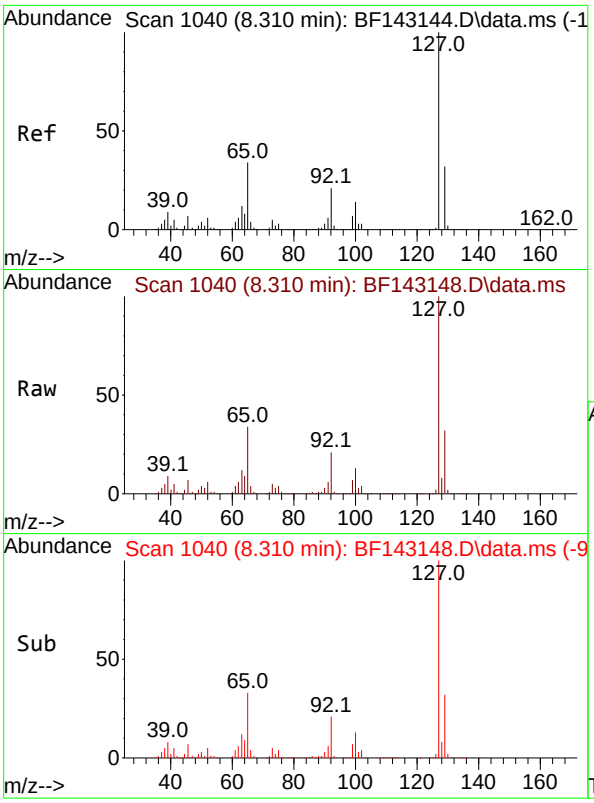




#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.2 | 104.8 | 144.8 |
| 77 | 100.3 | 77.6 | 117.6 |



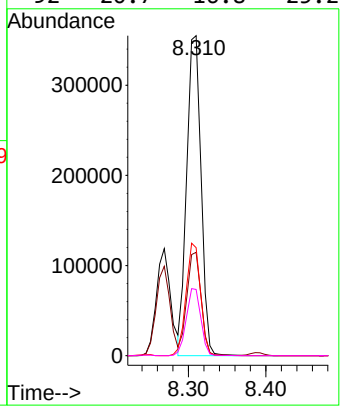


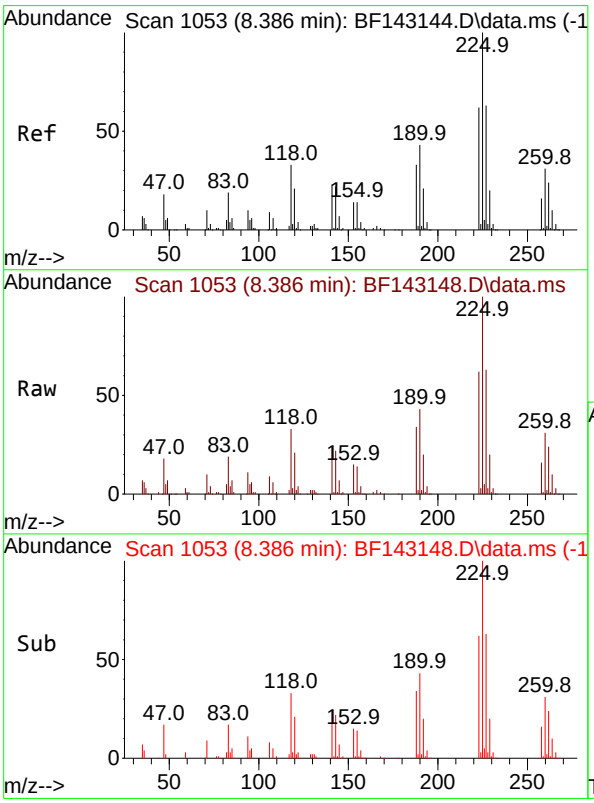

#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:127 Resp: 457742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.0 | 39.0 |
| 65 | 33.8 | 27.4 | 41.2 |
| 92 | 20.7 | 16.8 | 25.2 |

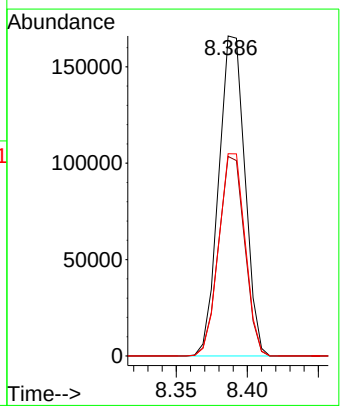


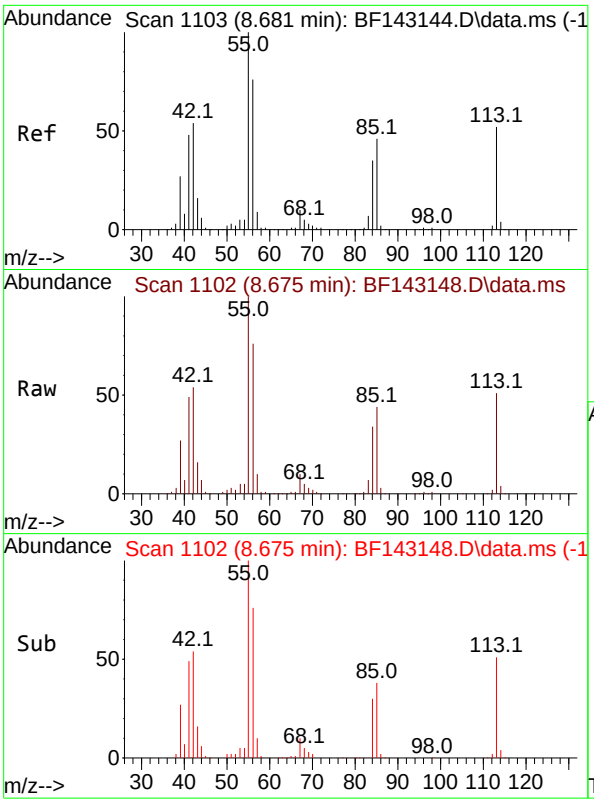




#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:225 Resp: 212781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 49.8 | 74.6 |
| 227 | 63.2 | 50.2 | 75.4 |



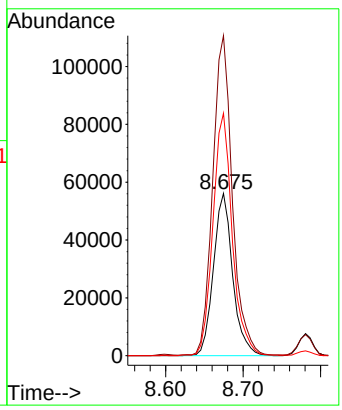


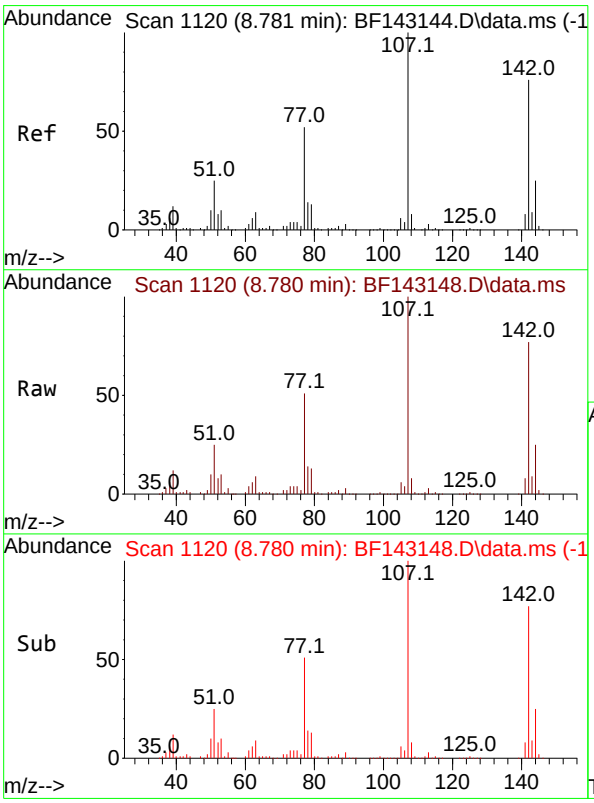

#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:113 Resp: 96661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 197.3 | 174.0 | 214.0 |
| 56 | 149.4 | 126.6 | 166.6 |

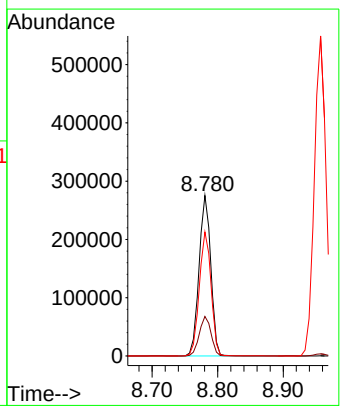


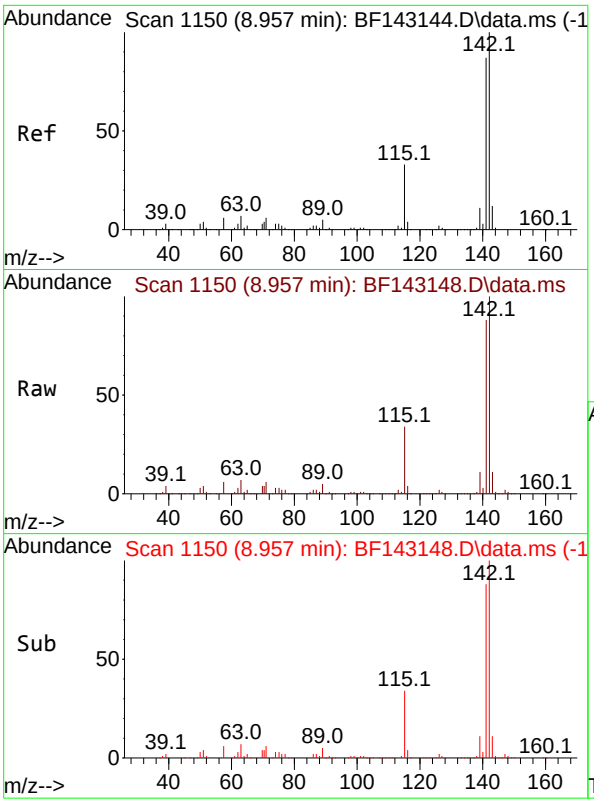




#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:107 Resp: 344726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 19.8 | 29.6 |
| 142 | 77.3 | 60.6 | 90.8 |



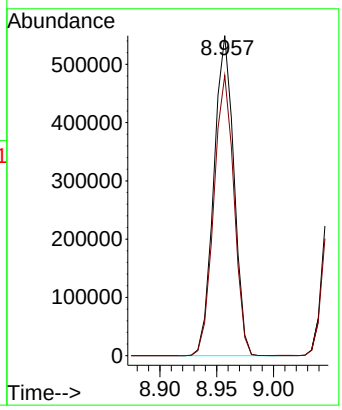


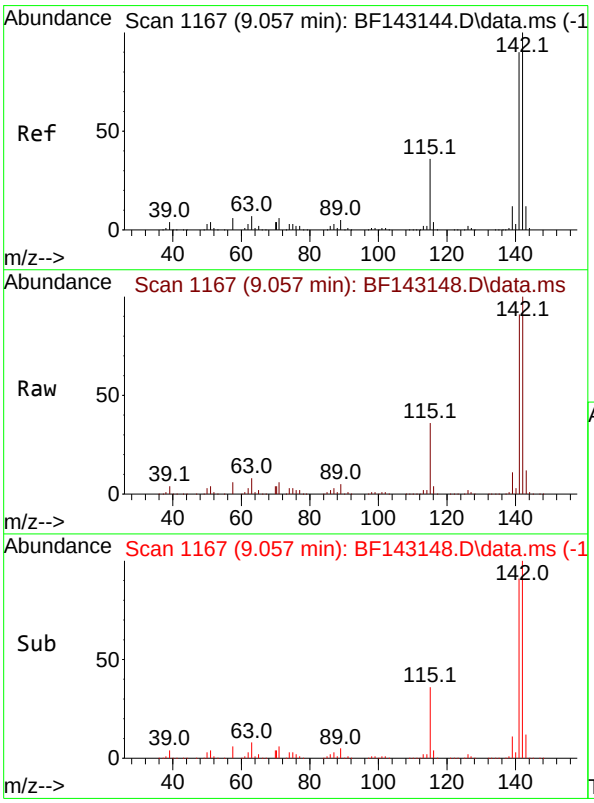

#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:142 Resp: 675594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 69.9 | 104.9 |

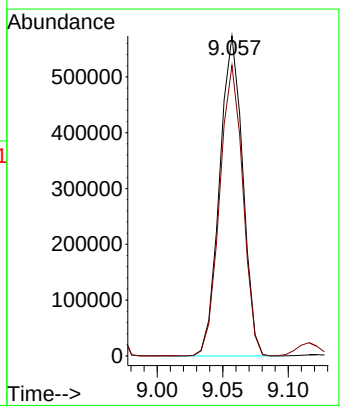


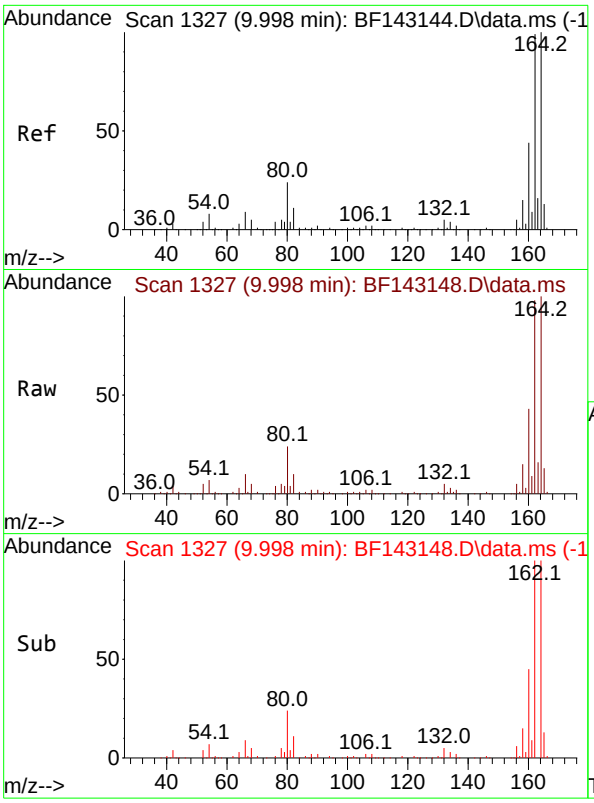




#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 72.3 | 108.5 |



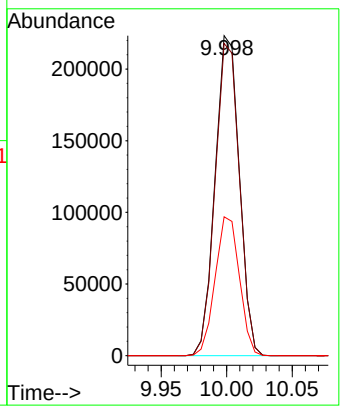


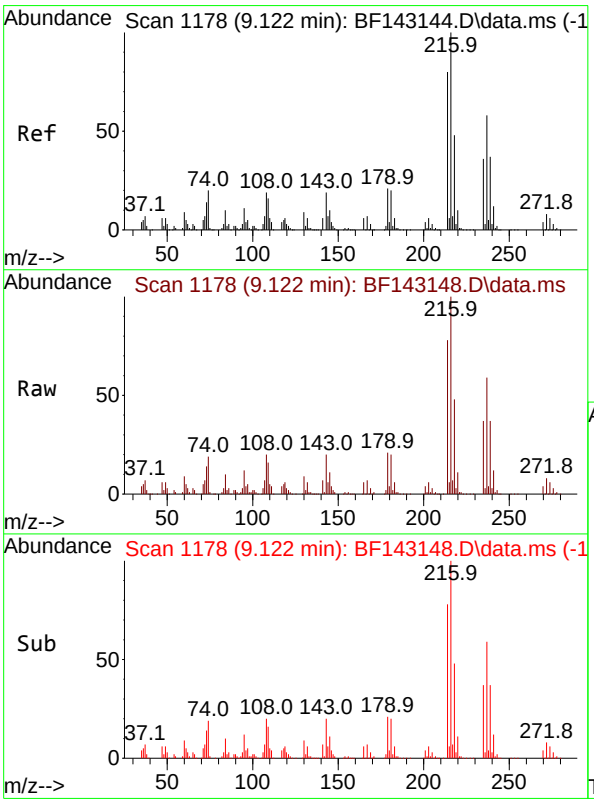

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:164 Resp: 287255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 79.0 | 118.6 |
| 160 | 43.4 | 35.1 | 52.7 |

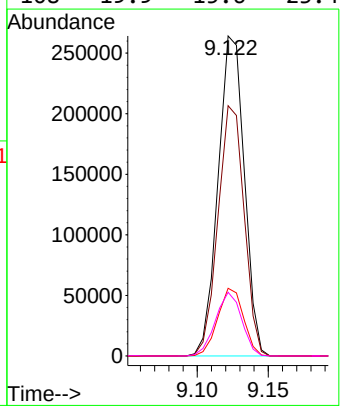


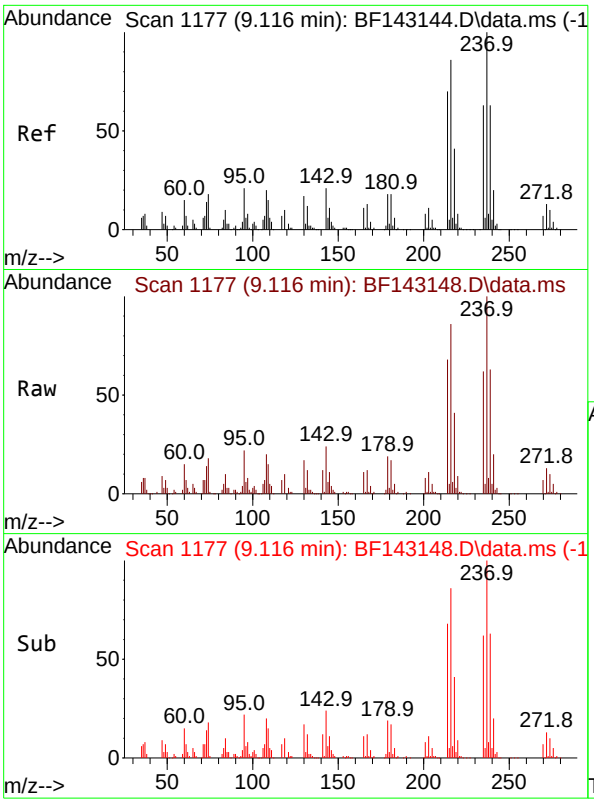




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:216 Resp: 339567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.8 | 63.8 | 95.8 |
| 179 | 20.8 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |



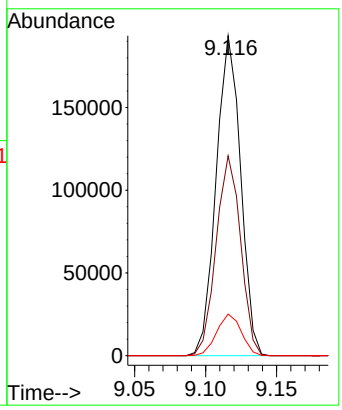


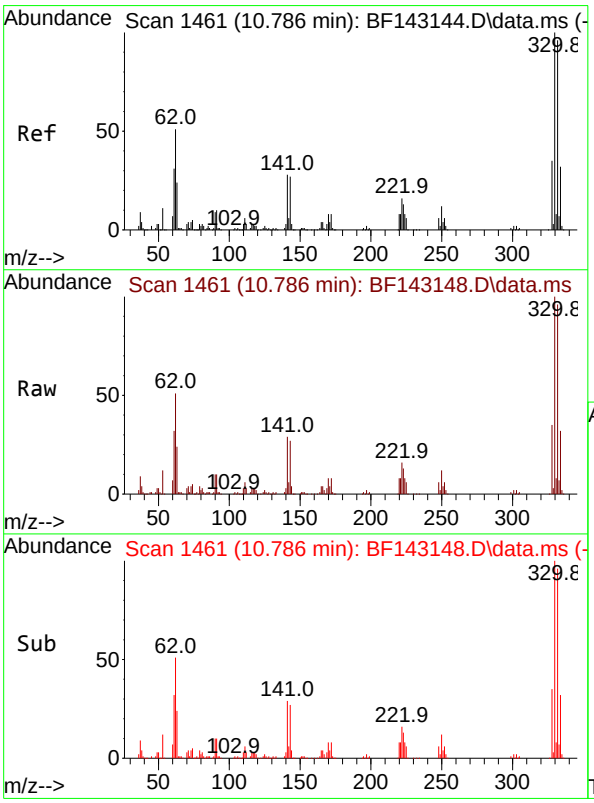

#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:237 Resp: 231349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 43.0 | 83.0 |
| 272 | 13.0 | 0.0 | 33.3 |

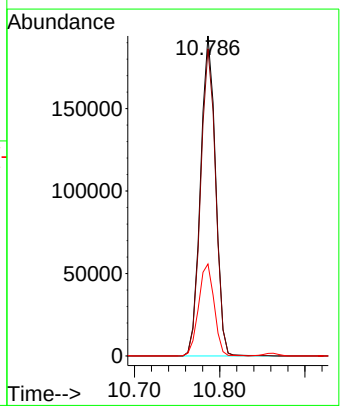


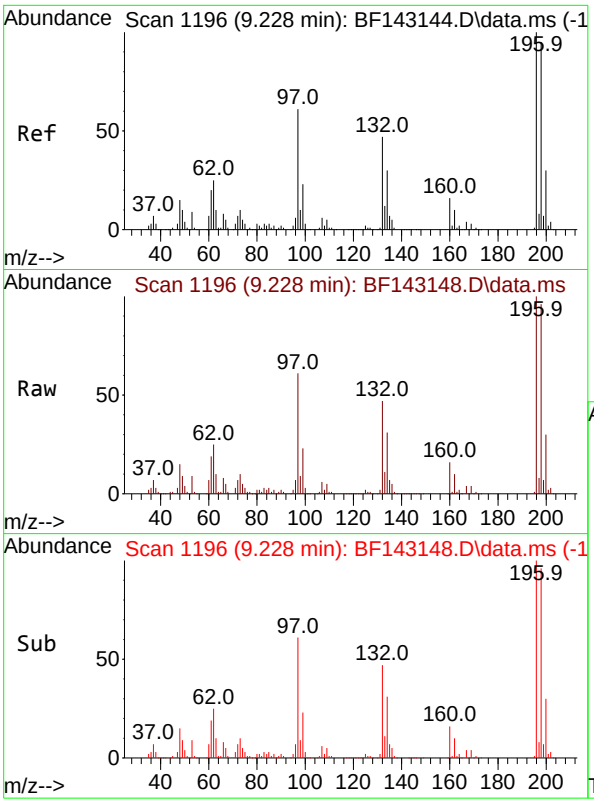




#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:330 Resp: 237309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.7 | 115.1 |
| 141 | 29.8 | 23.3 | 34.9 |



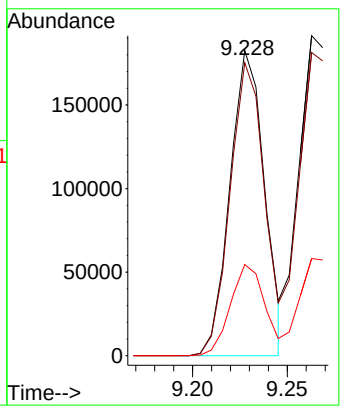


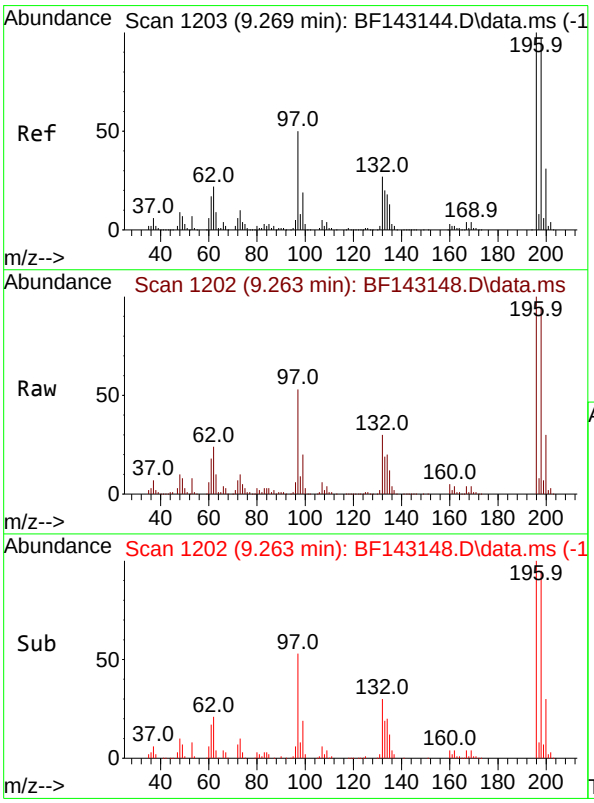

#43
2,4,6-Trichlorophenol
Concen: 40.253 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:196 Resp: 231043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.2 | 114.2 |
| 200 | 29.9 | 23.9 | 35.9 |

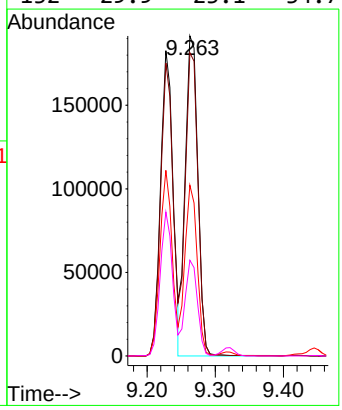


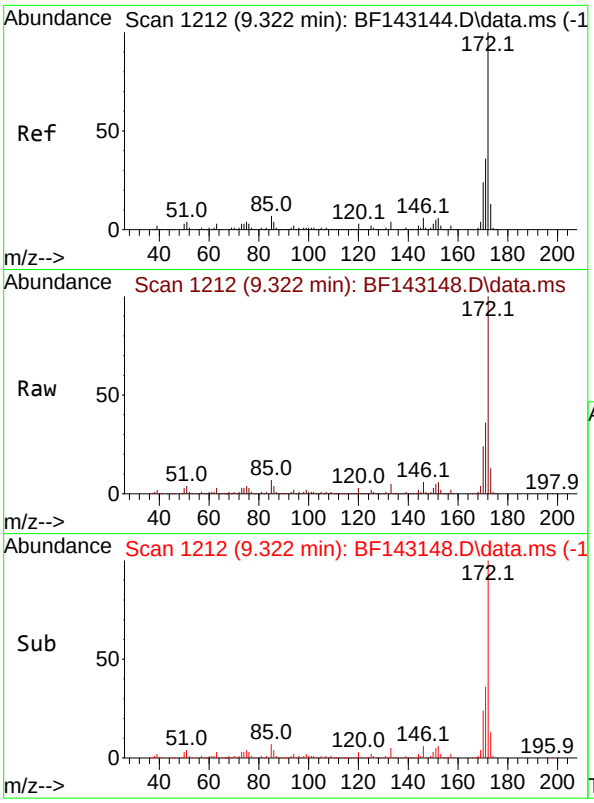




#44
2,4,5-Trichlorophenol
Concen: 42.989 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 77.3 | 115.9 |
| 97 | 53.3 | 40.3 | 60.5 |
| 132 | 29.9 | 23.1 | 34.7 |



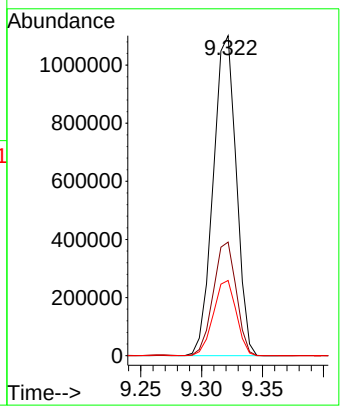


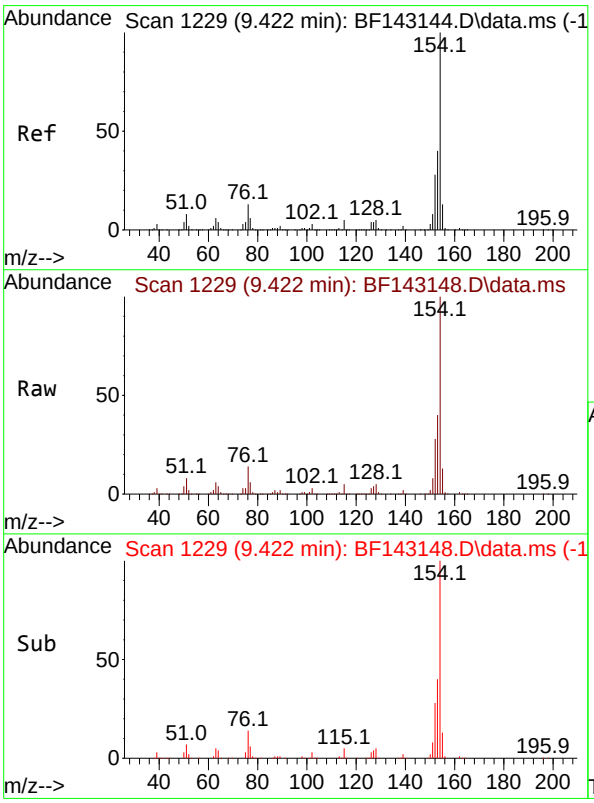

#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:172 Resp: 1449098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.6 | 42.8 |
| 170 | 23.5 | 18.8 | 28.2 |

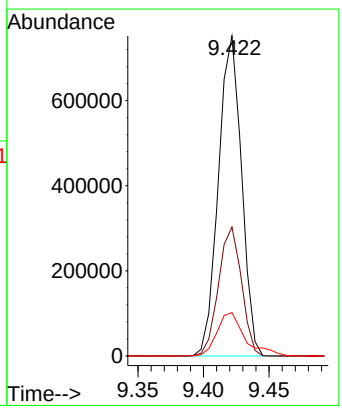


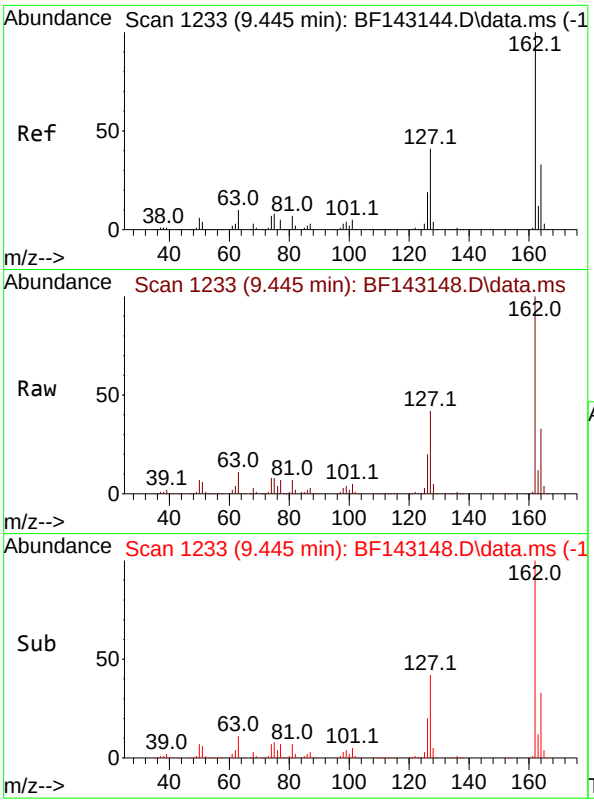




#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 920059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.3 | 60.3 |
| 76 | 13.5 | 0.0 | 33.3 |



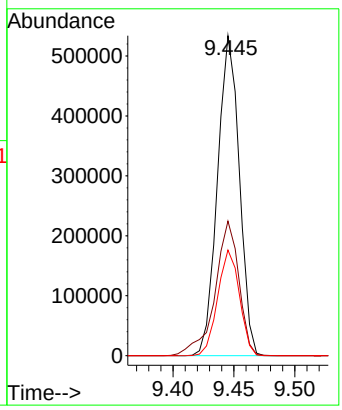


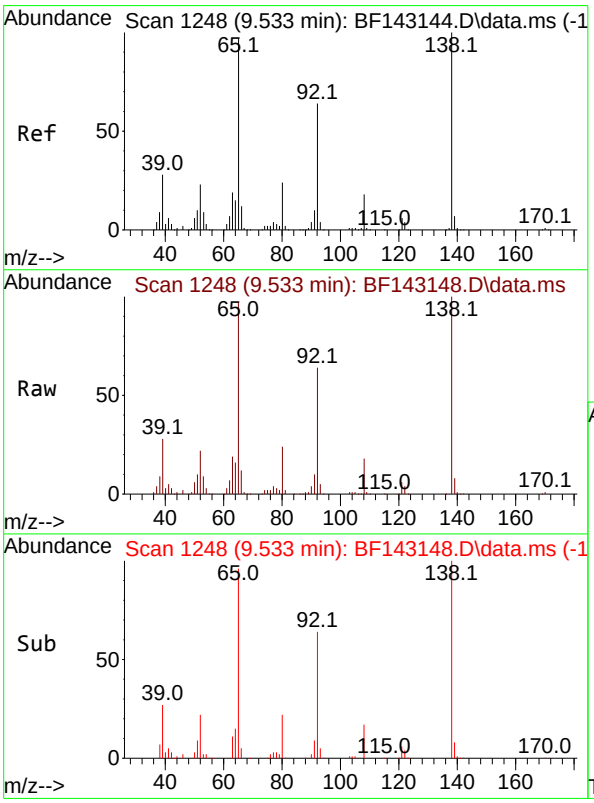

#47
2-Chloronaphthalene
Concen: 40.184 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:162 Resp: 666359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.0 | 33.4 | 50.2 |
| 164 | 33.0 | 26.2 | 39.2 |

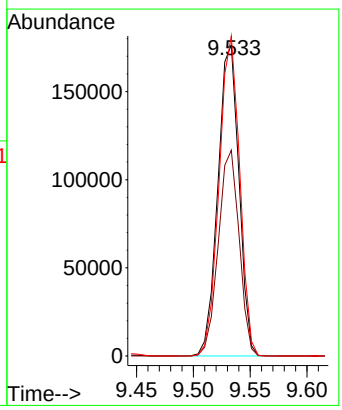


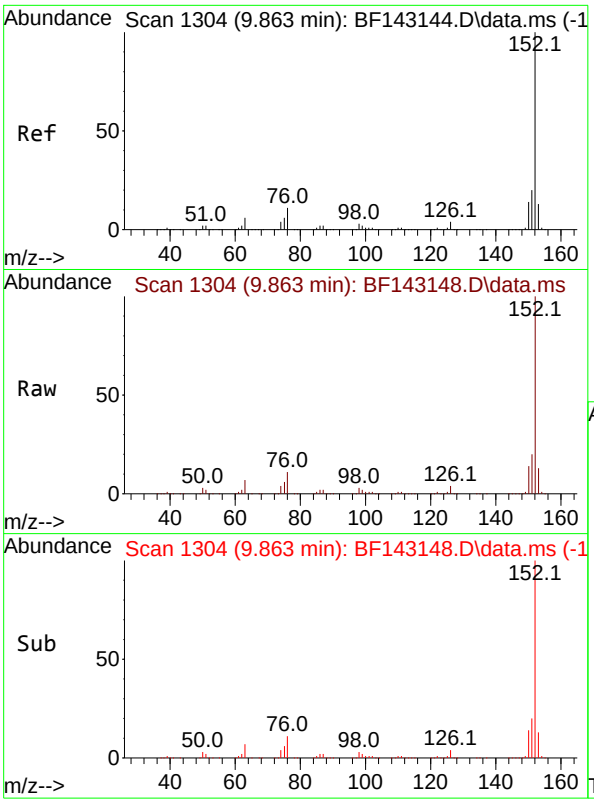




#48
2-Nitroaniline
Concen: 43.723 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 65 Resp: 227376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.2 | 52.4 | 78.6 |
| 138 | 102.9 | 82.3 | 123.5 |



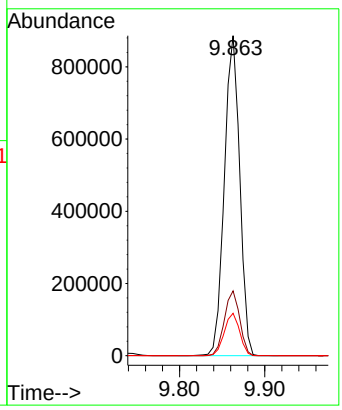


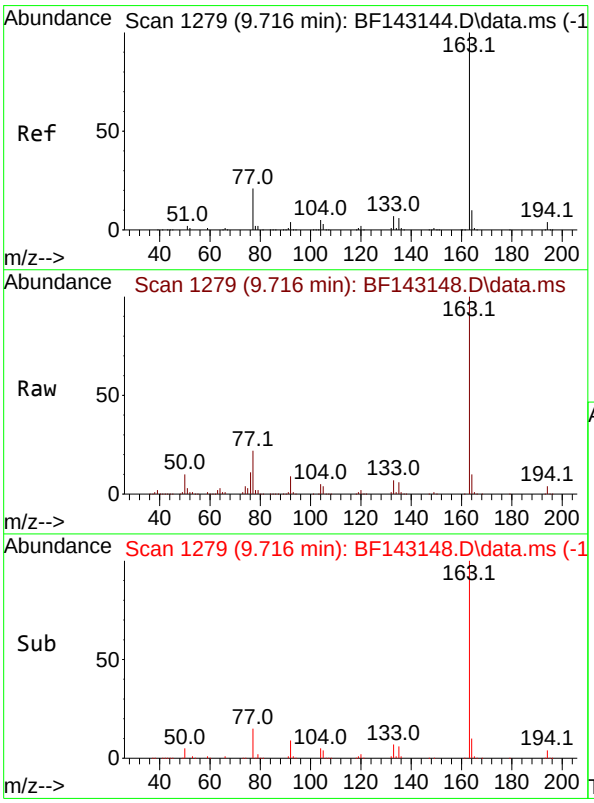

#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:152 Resp: 1111992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 16.0 |

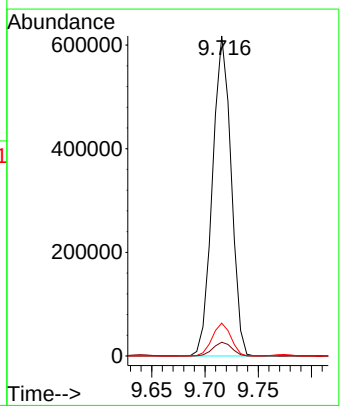


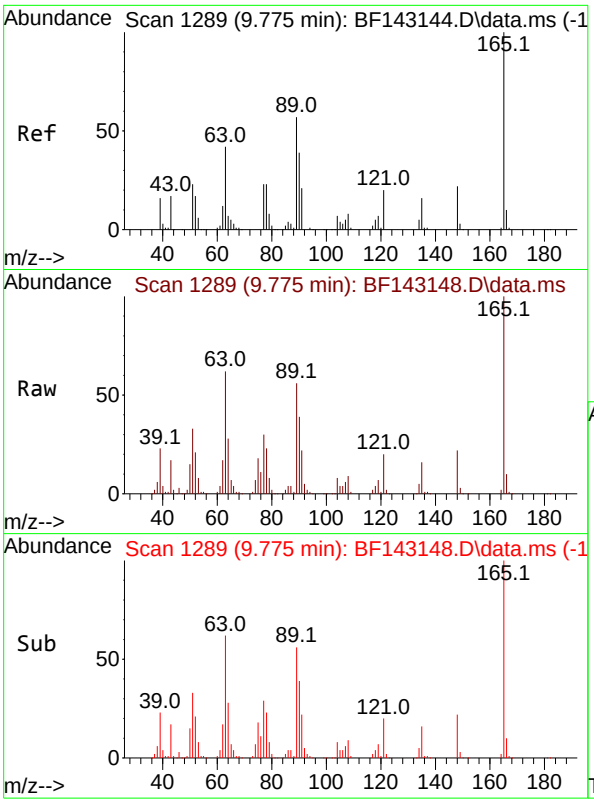




#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:163 Resp: 753041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.2 | 8.3 | 12.5 |



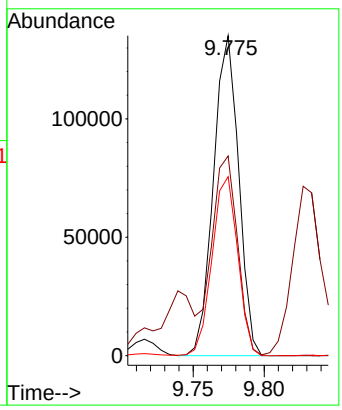


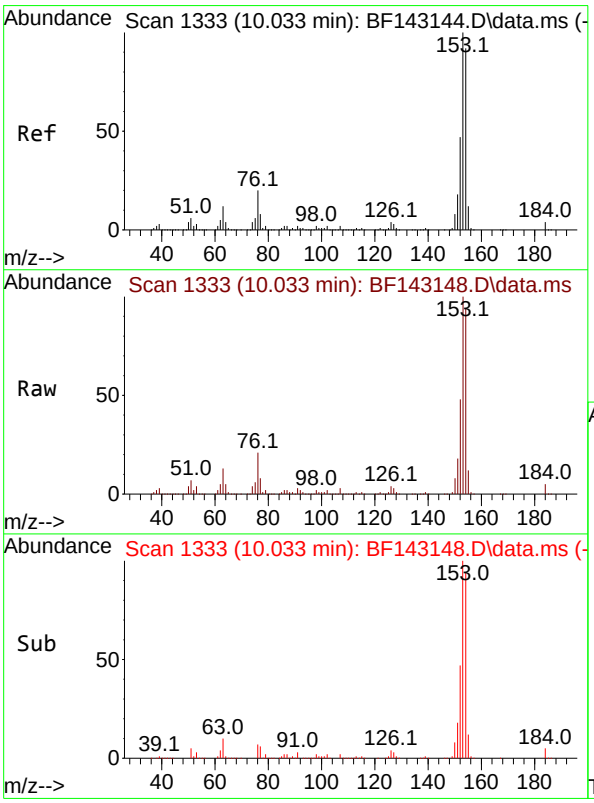

#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:165 Resp: 166911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.4 | 49.4 | 74.2 |
| 89 | 56.0 | 46.2 | 69.2 |

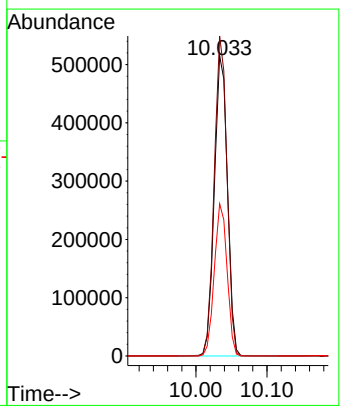


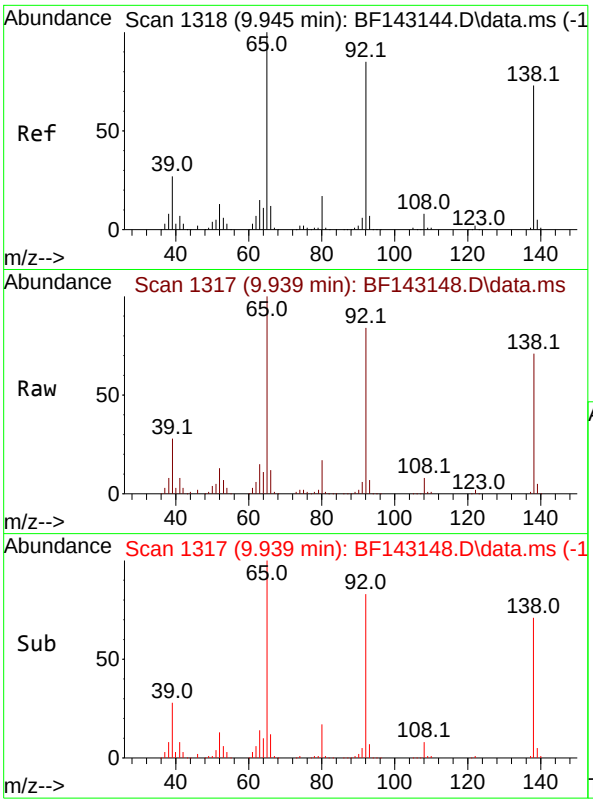




#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.6 | 86.6 | 129.8 |
| 152 | 50.7 | 40.4 | 60.6 |



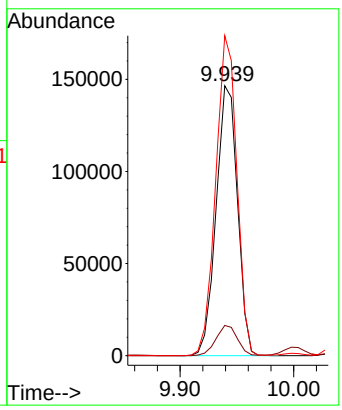


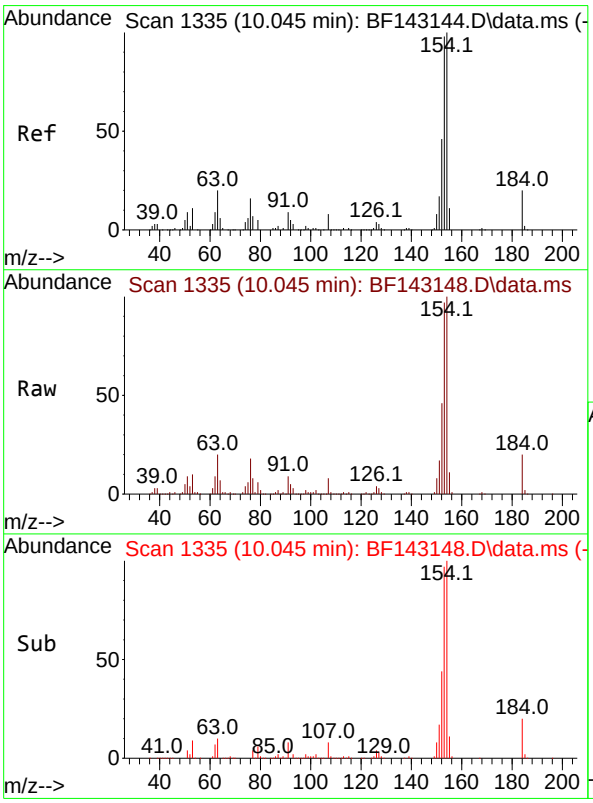

#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:138 Resp: 191512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.0 | 13.6 |
| 92 | 118.6 | 93.0 | 139.4 |

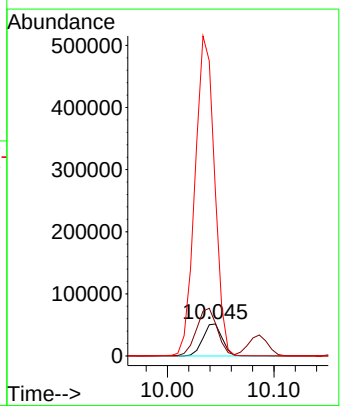


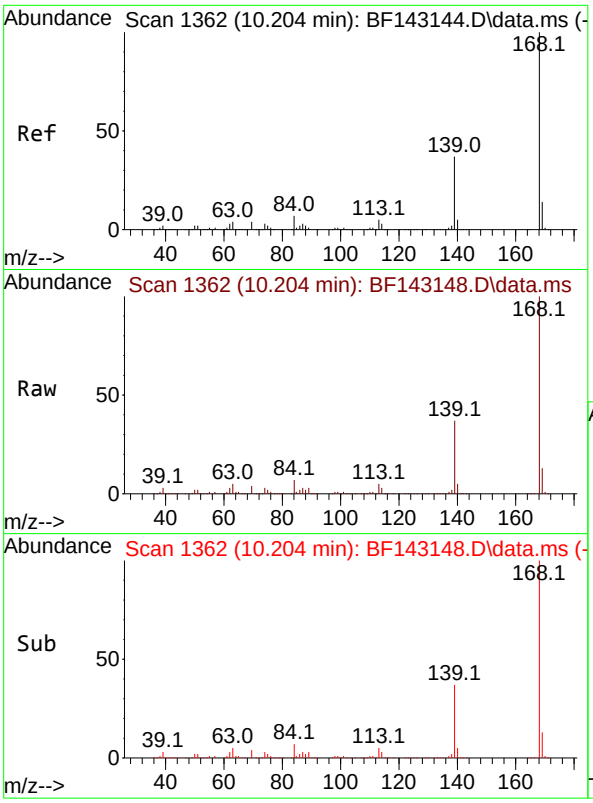




#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 102.3 | 81.8 | 122.6 |
| 154 | 509.4 | 412.2 | 618.4 |



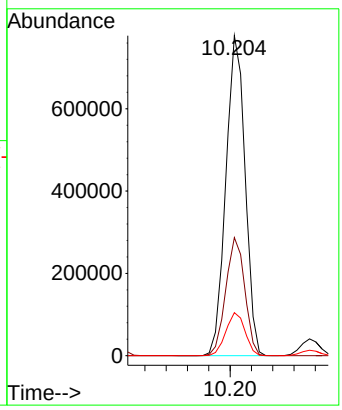


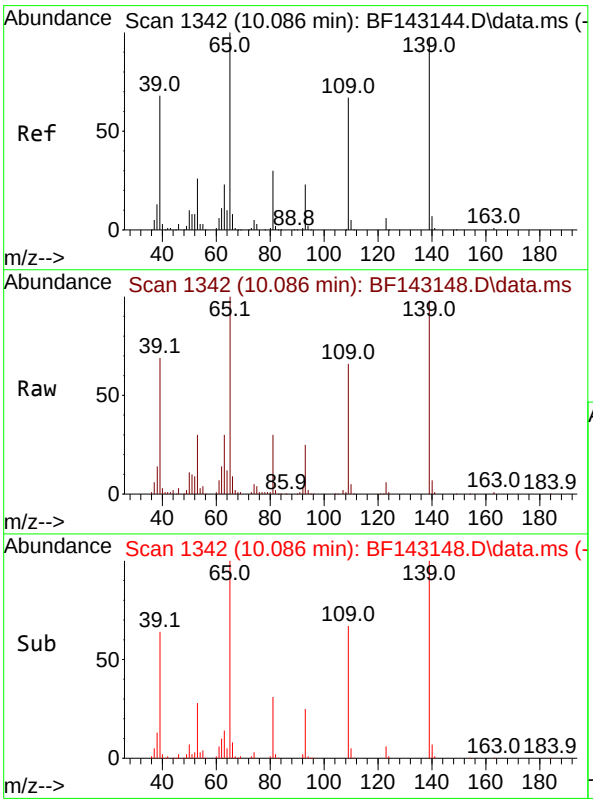

#55
Dibenzofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:168 Resp: 974991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.5 | 10.9 | 16.3 |

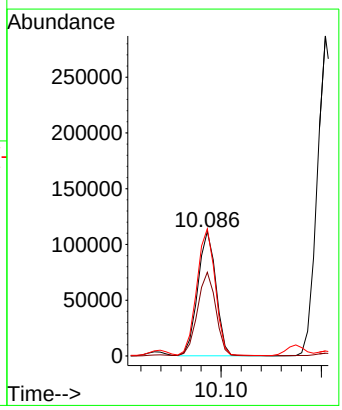


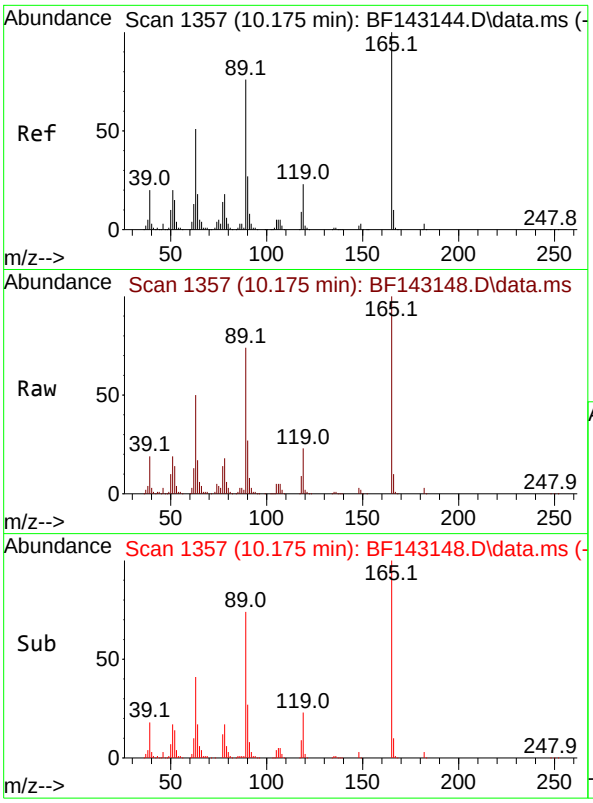




#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 140876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.2 | 48.5 | 88.5 |
| 65 | 102.1 | 83.4 | 123.4 |



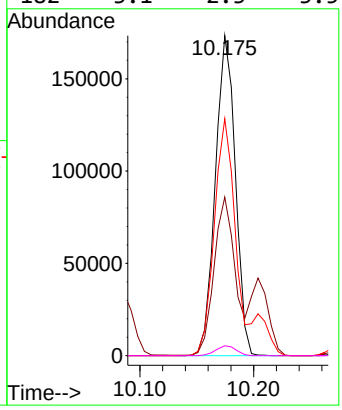


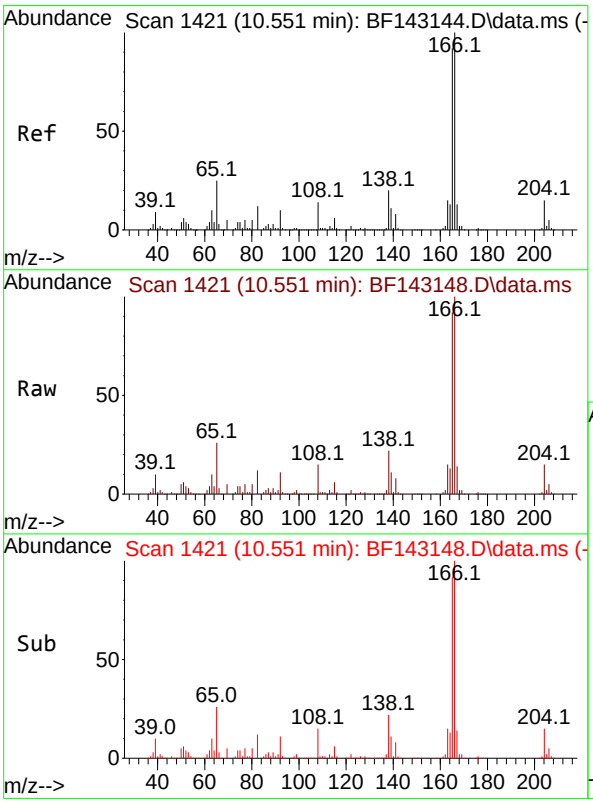

#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:165 Resp: 212369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.5 | 41.0 | 61.4 |
| 89 | 74.0 | 61.1 | 91.7 |
| 182 | 3.1 | 2.3 | 3.5 |

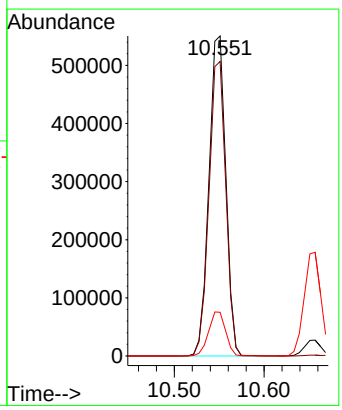


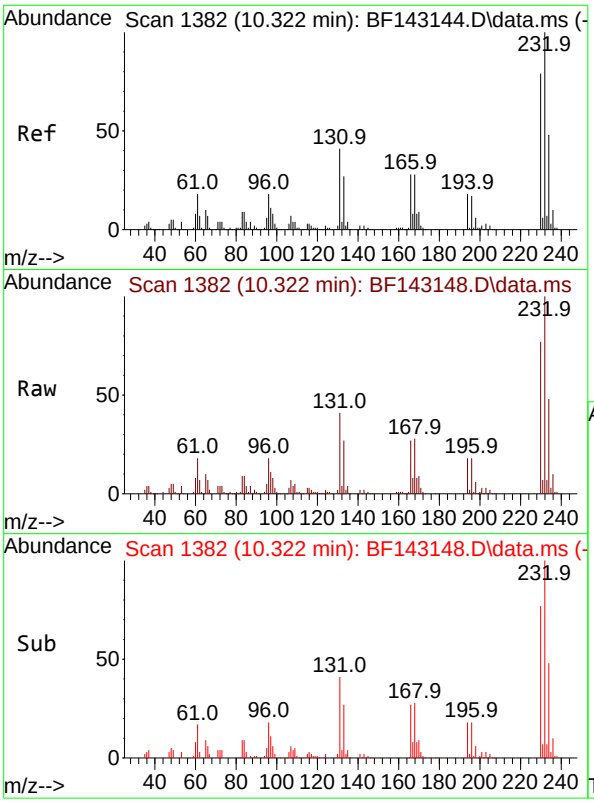




#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:166 Resp: 717816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.1 | 73.7 | 110.5 |
| 167 | 13.7 | 10.6 | 16.0 |



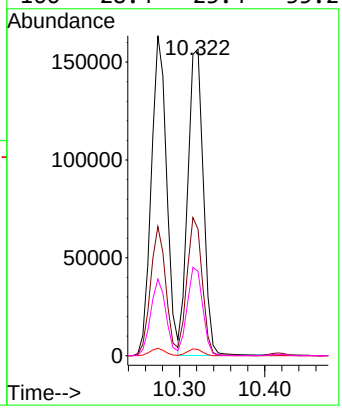


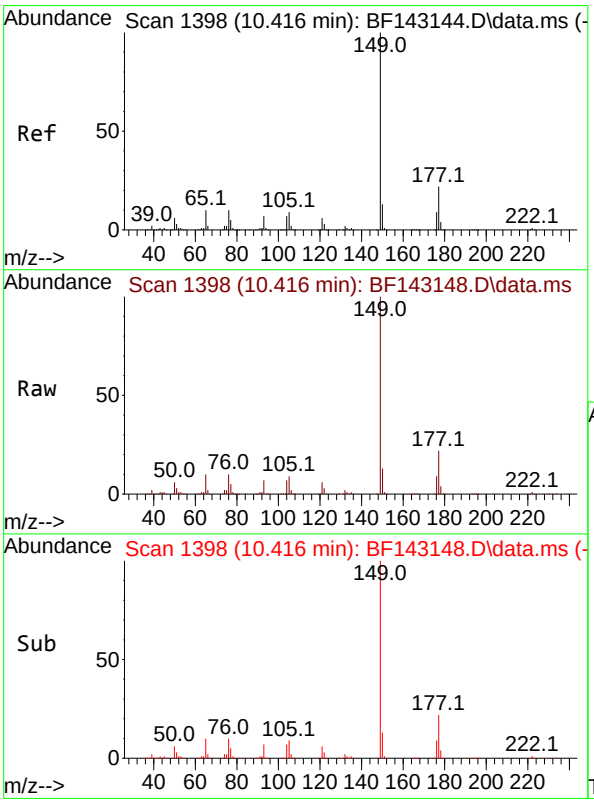

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:232 Resp: 198530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.9 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.4 | 23.4 | 35.2 |

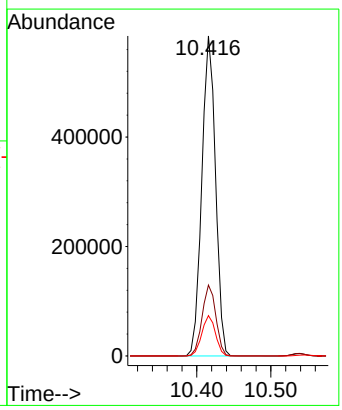


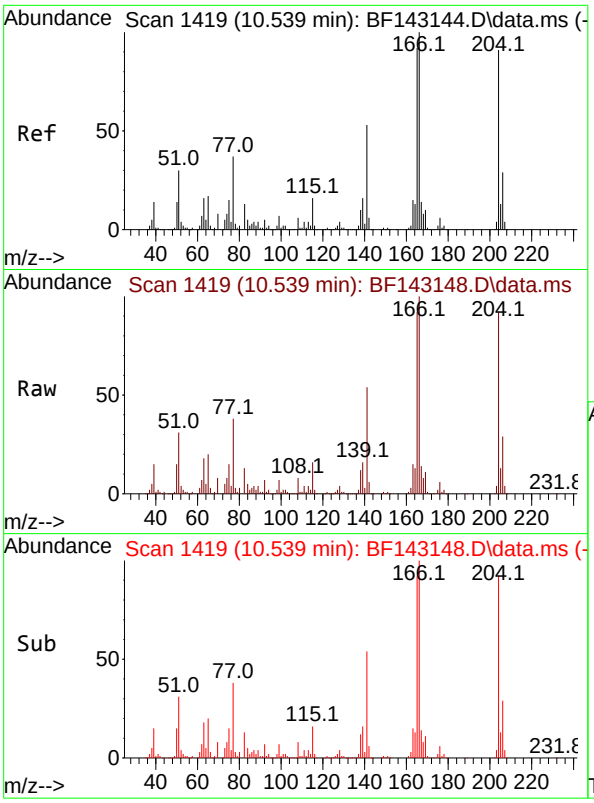




#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 753774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.5 | 26.3 |
| 150 | 12.6 | 10.2 | 15.2 |



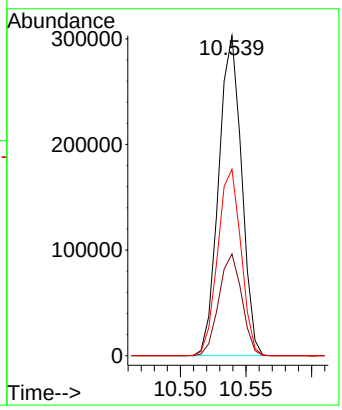


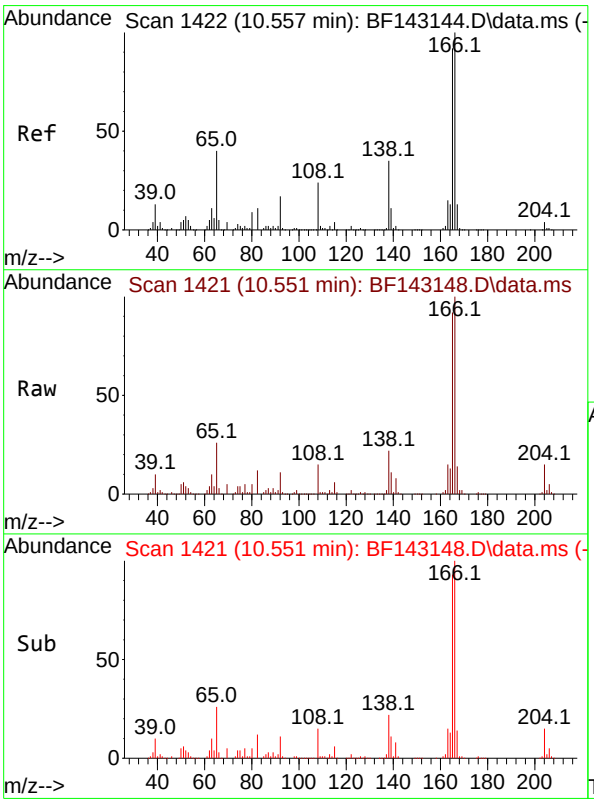

#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:204 Resp: 367981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 25.8 | 38.8 |
| 141 | 58.3 | 47.0 | 70.4 |

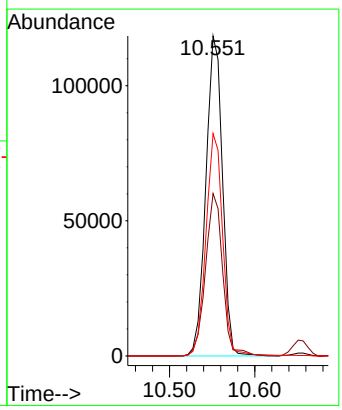


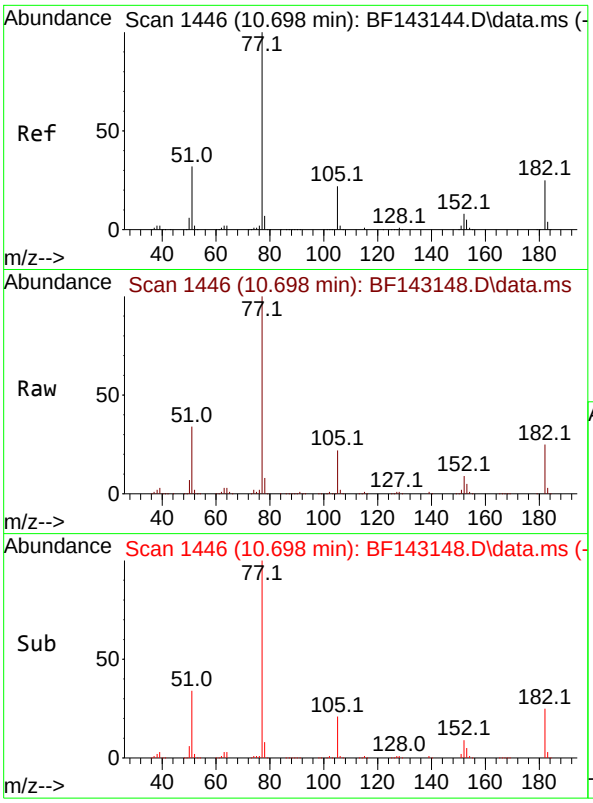




#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 29.3 | 69.3 |
| 108 | 69.5 | 48.3 | 88.3 |



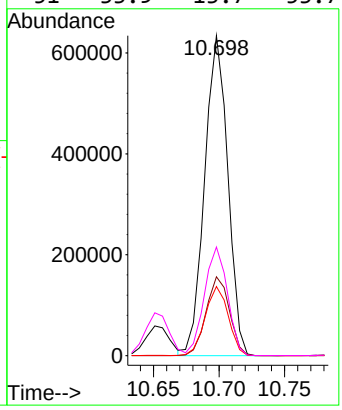


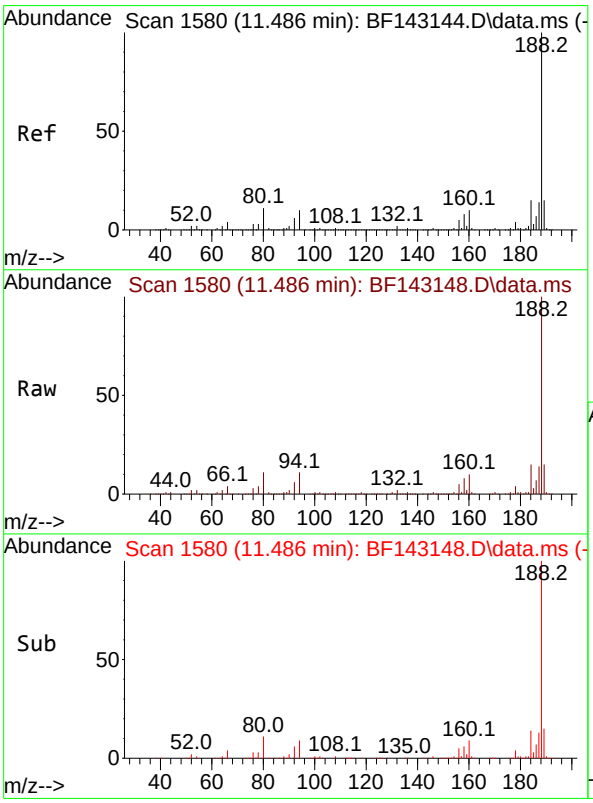

#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion: 77 Resp: 779524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 4.6 | 44.6 |
| 105 | 21.6 | 1.4 | 41.4 |
| 51 | 33.9 | 13.7 | 53.7 |

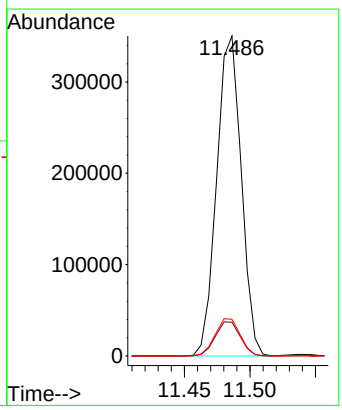


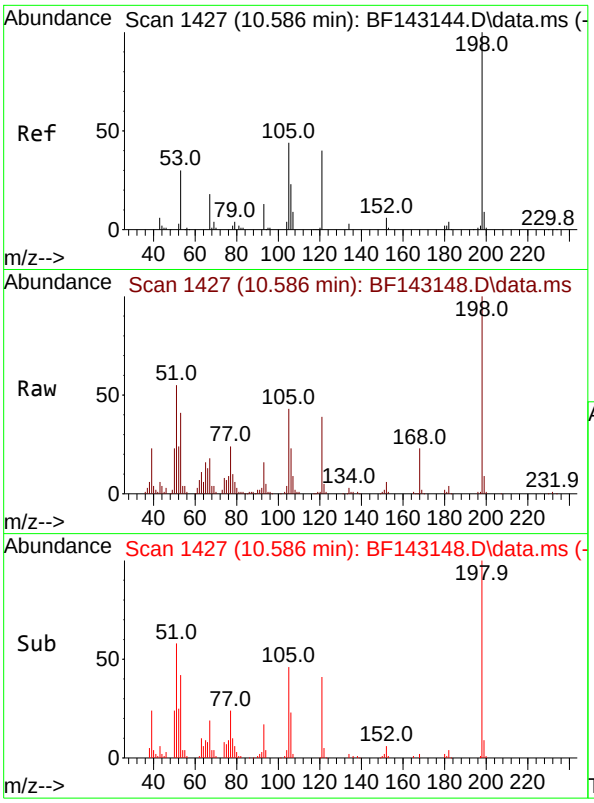




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:188 Resp: 457098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 8.3 | 12.5 |
| 80 | 11.4 | 9.0 | 13.6 |



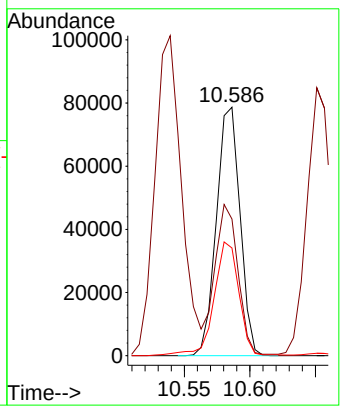


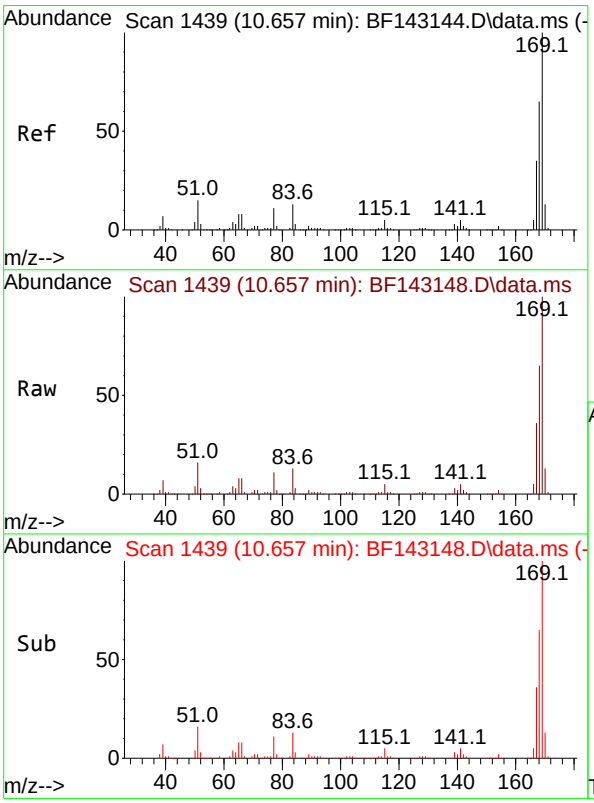

#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:198 Resp: 98462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.0 | 37.2 | 77.2 |
| 105 | 43.3 | 24.8 | 64.8 |

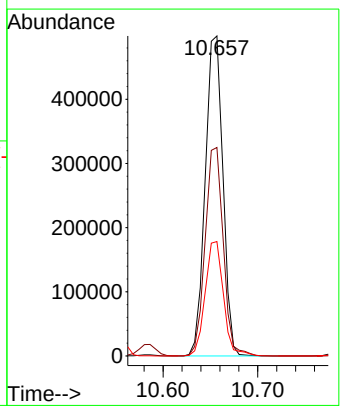


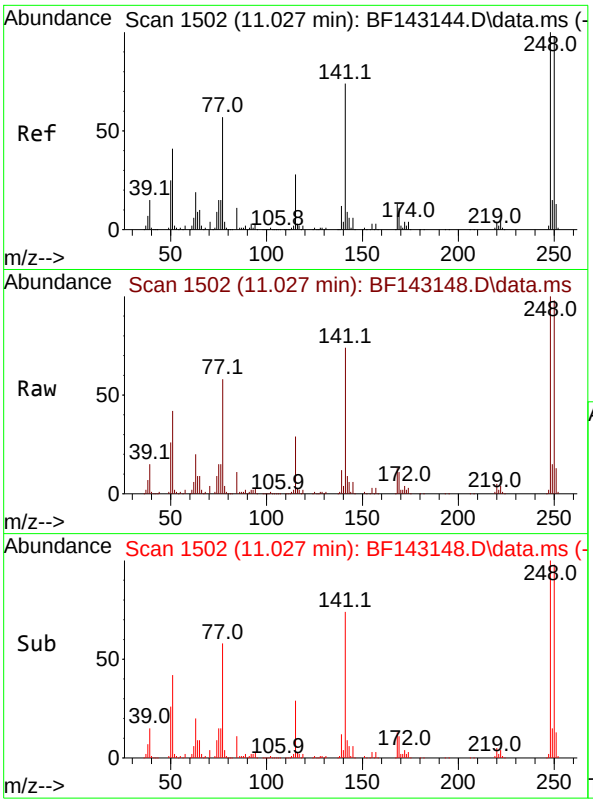




#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:169 Resp: 647855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 52.1 | 78.1 |
| 167 | 35.8 | 28.2 | 42.2 |



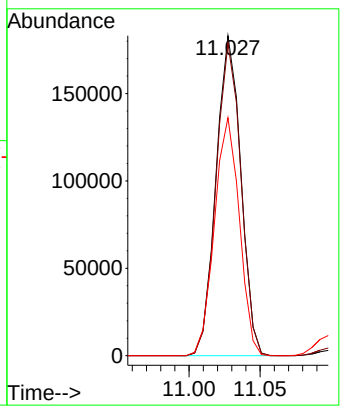


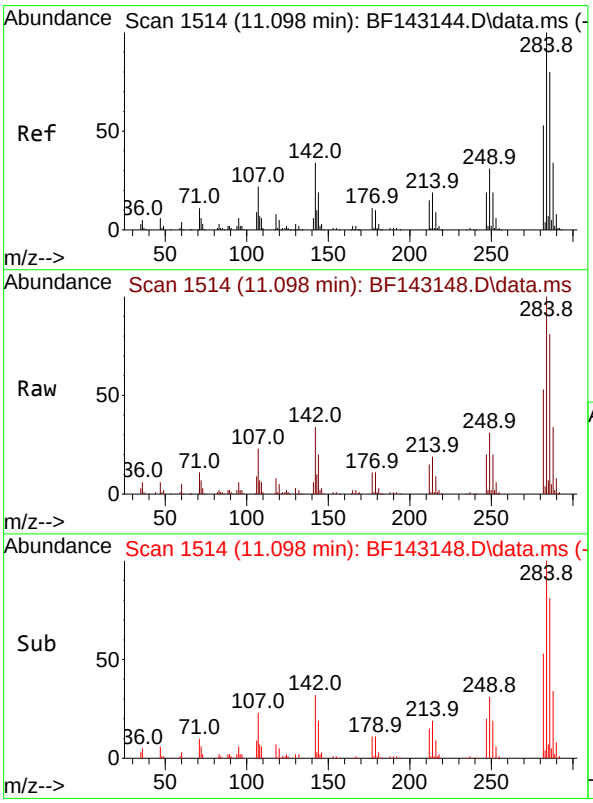

#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:248 Resp: 222405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 78.3 | 117.5 |
| 141 | 74.3 | 59.2 | 88.8 |

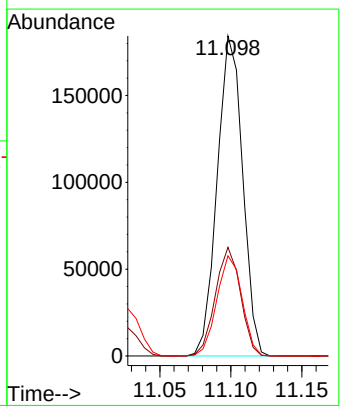


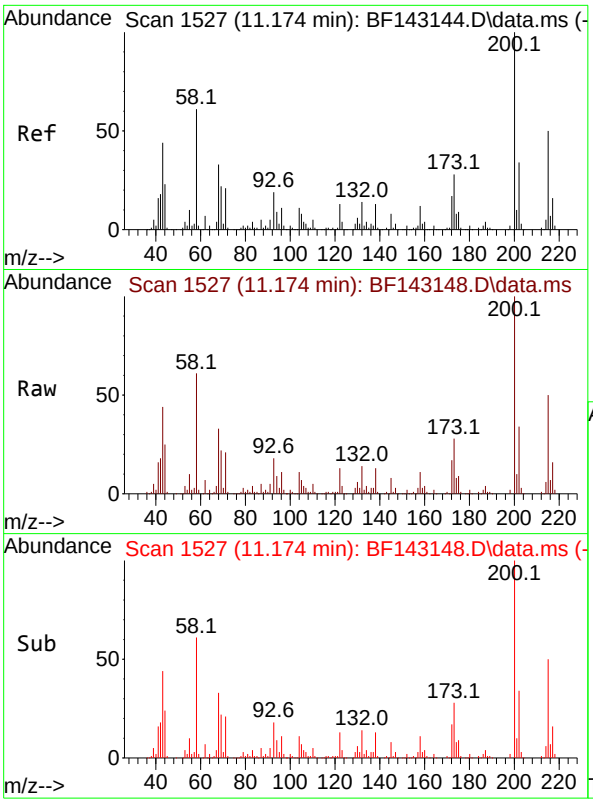




#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.0 | 27.0 | 40.6 |
| 249 | 31.3 | 25.0 | 37.6 |



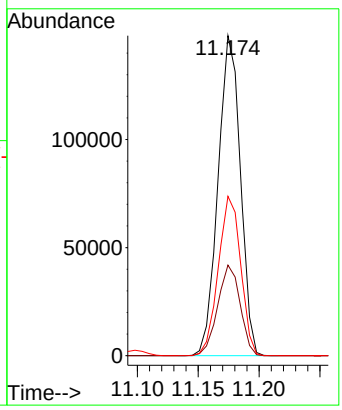


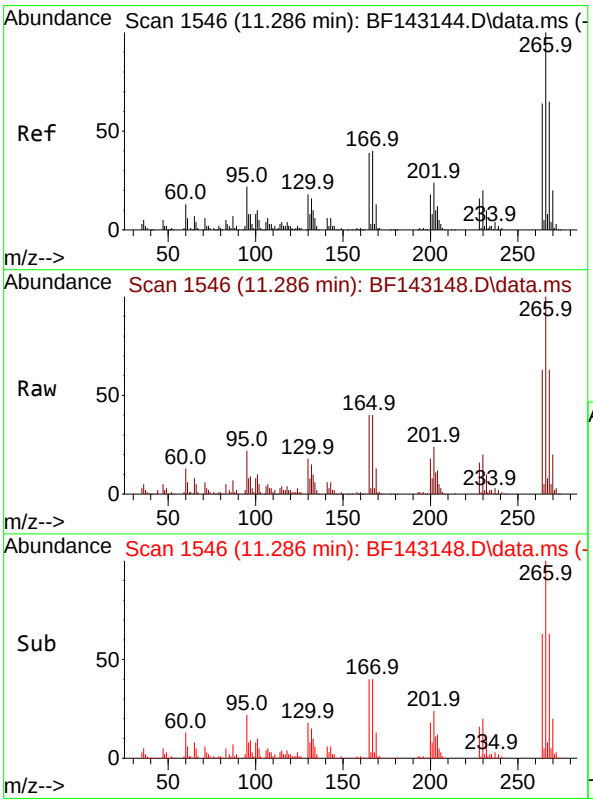

#69
Atrazine
Concen: 42.615 ng
RT: 11.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:200 Resp: 189104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 49.8 | 30.1 | 70.1 |

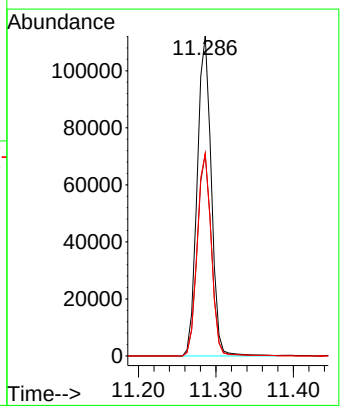


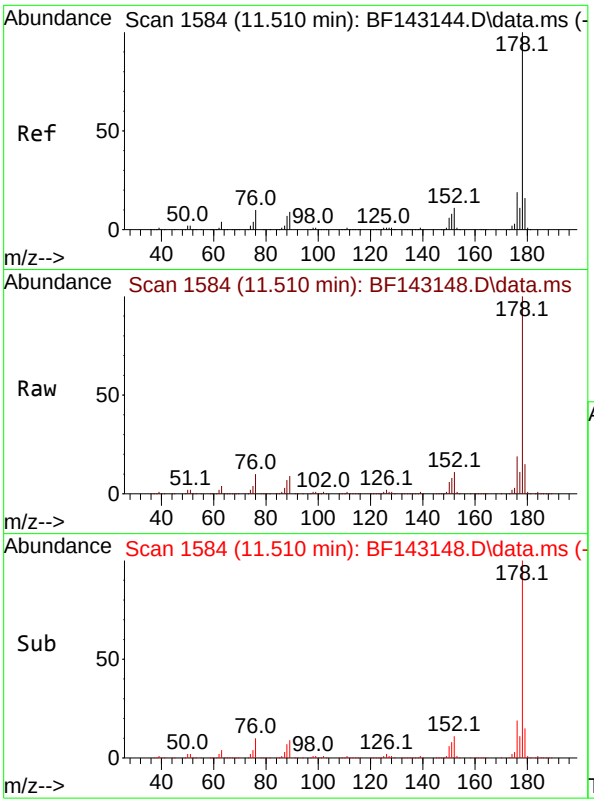




#70
Pentachlorophenol
Concen: 42.292 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:266 Resp: 141608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.9 | 77.9 |
| 264 | 63.3 | 51.0 | 76.6 |



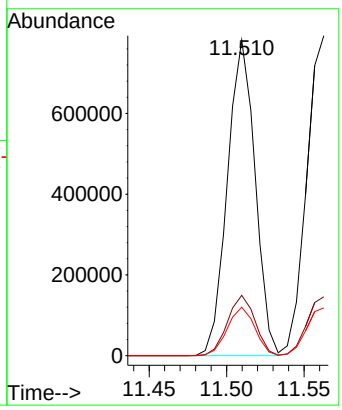


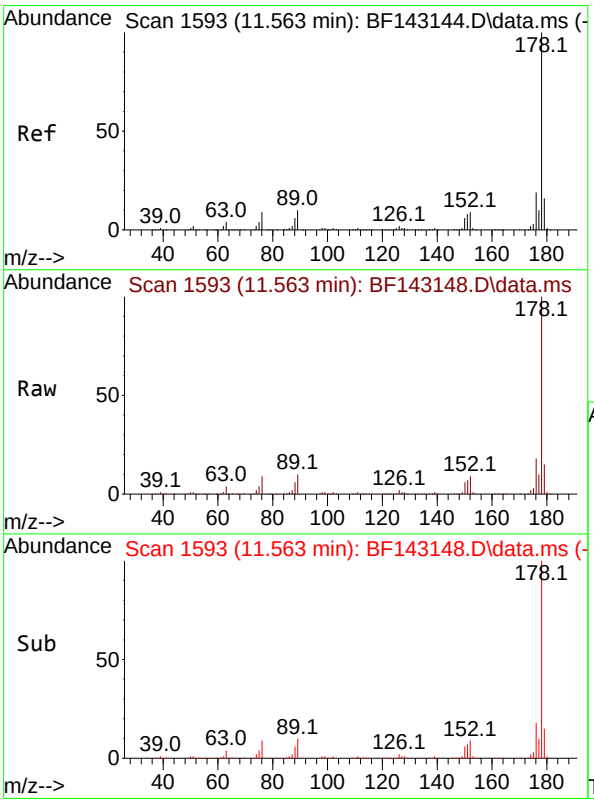

#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:178 Resp: 971448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.3 | 12.5 | 18.7 |

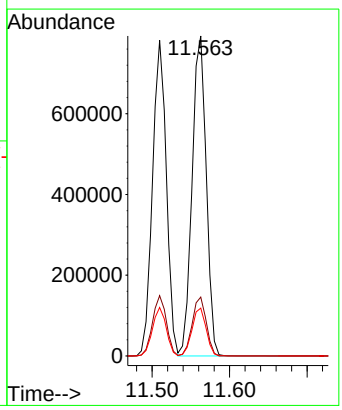


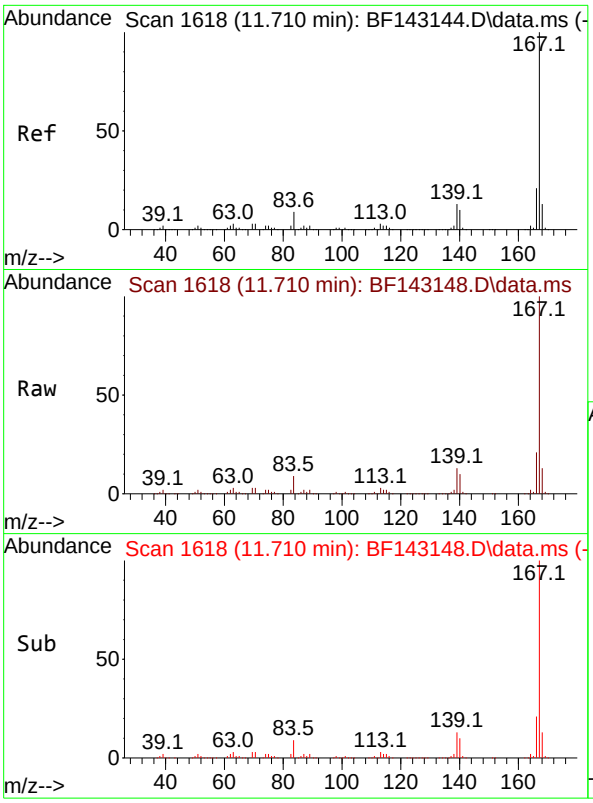




#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:178 Resp: 1003925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 15.0 | 12.5 | 18.7 |



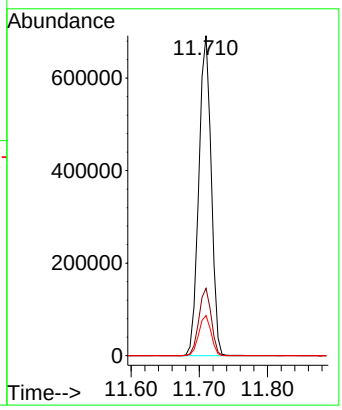


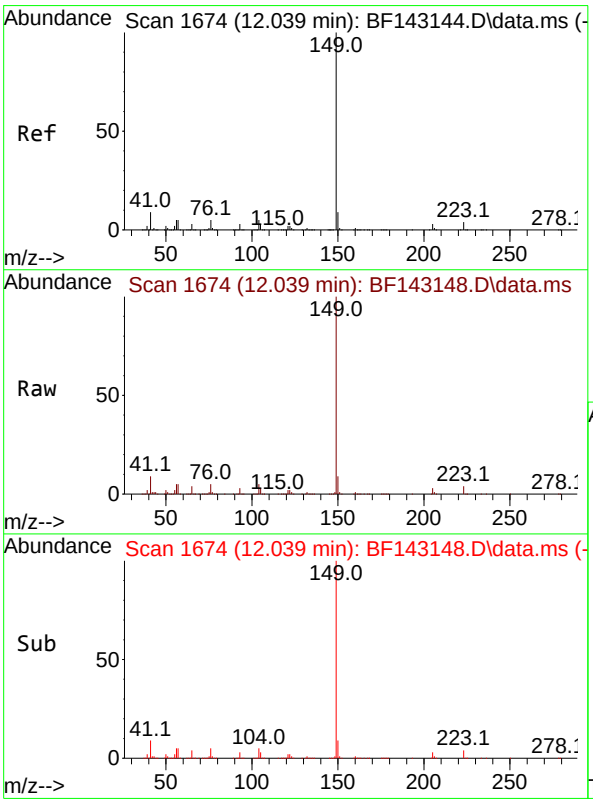

#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:167 Resp: 874867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.0 | 25.6 |
| 139 | 12.5 | 10.0 | 15.0 |

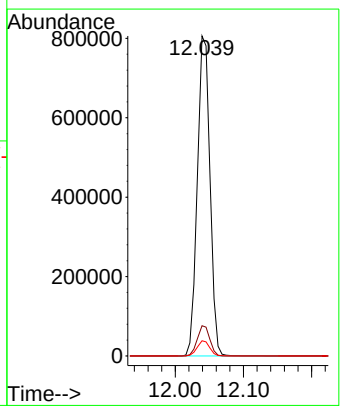


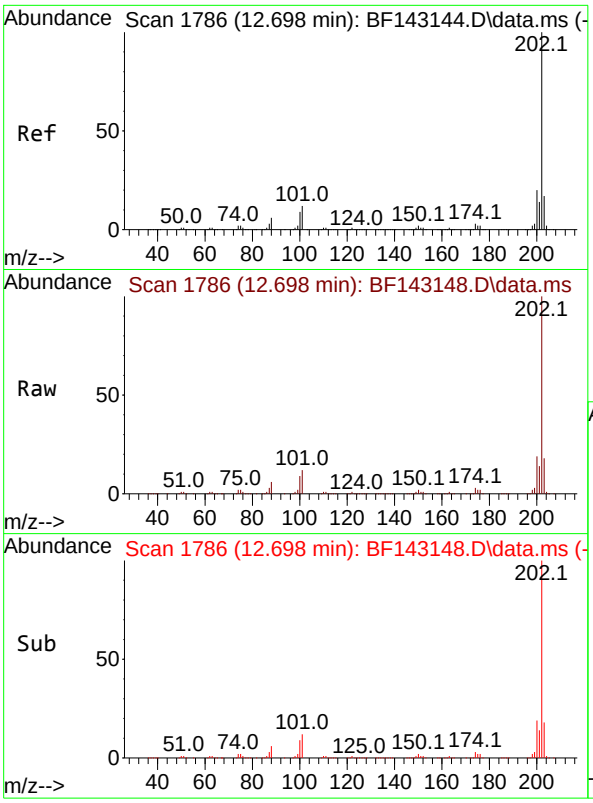




#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 1035244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.2 |
| 104 | 4.7 | 3.8 | 5.8 |



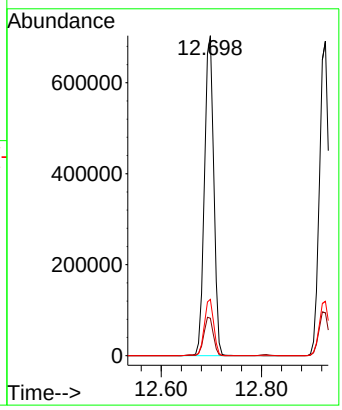


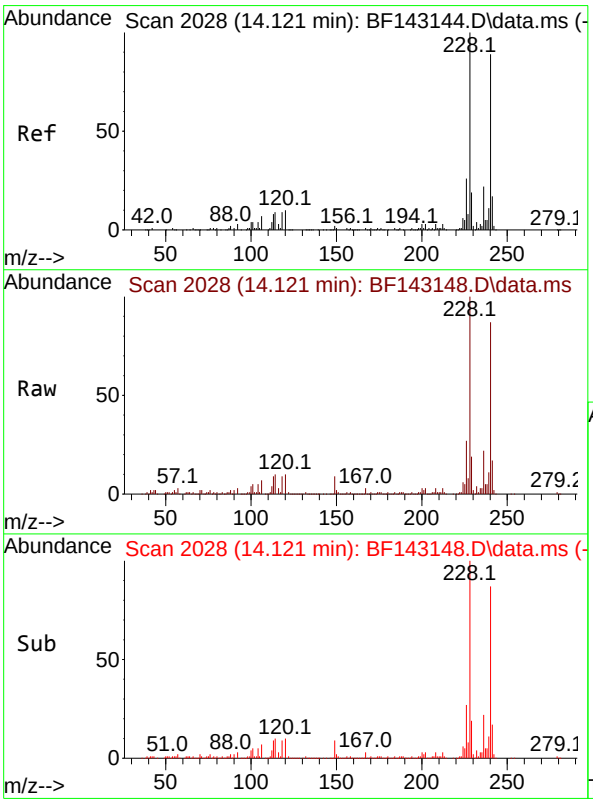

#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:202 Resp: 909717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 17.6 | 0.0 | 37.4 |

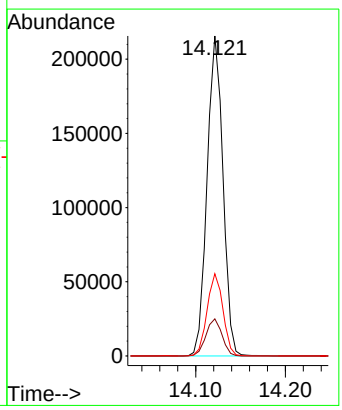


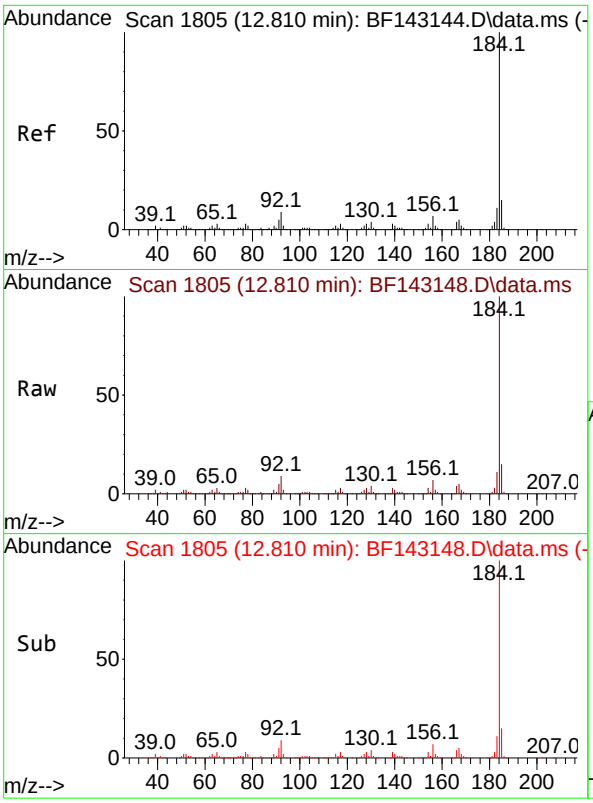




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:240 Resp: 265008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 9.4 | 14.2 |
| 236 | 25.7 | 20.2 | 30.4 |



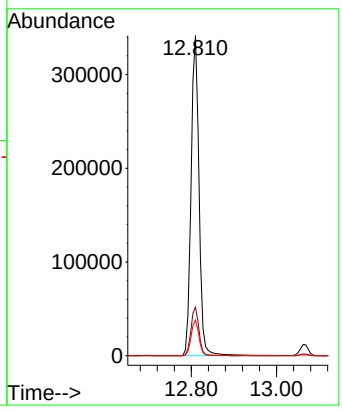


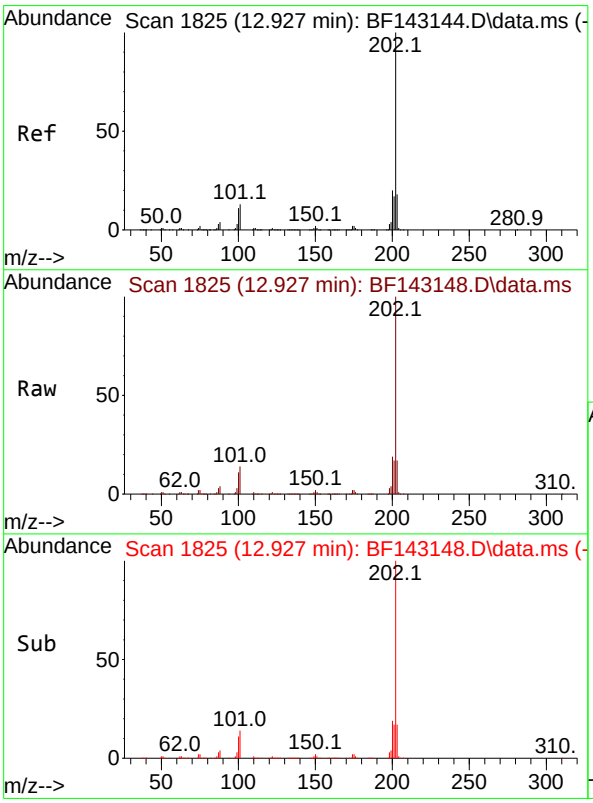

#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:184 Resp: 441470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.2 | 18.4 |
| 183 | 11.1 | 9.0 | 13.4 |

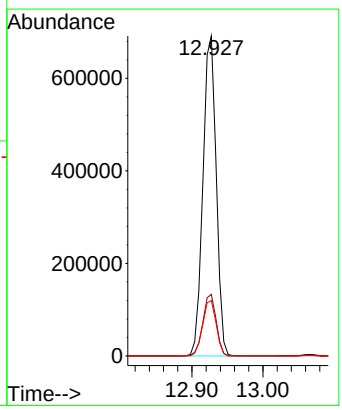


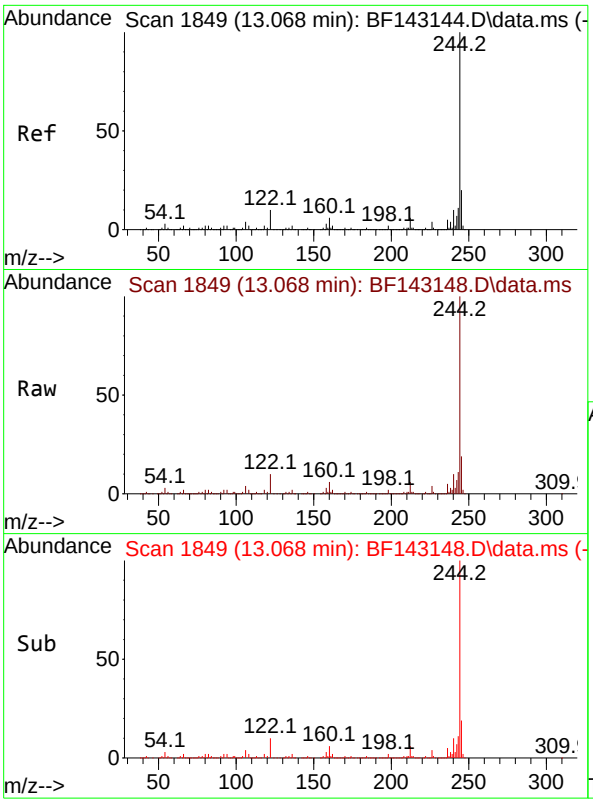




#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.3 | 15.7 | 23.5 |
| 203 | 17.3 | 14.2 | 21.2 |



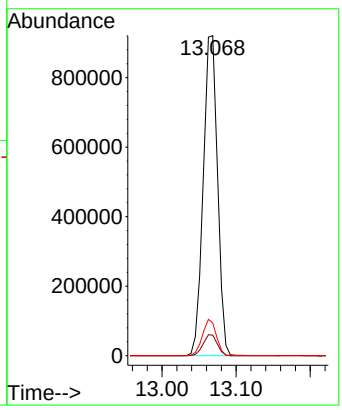


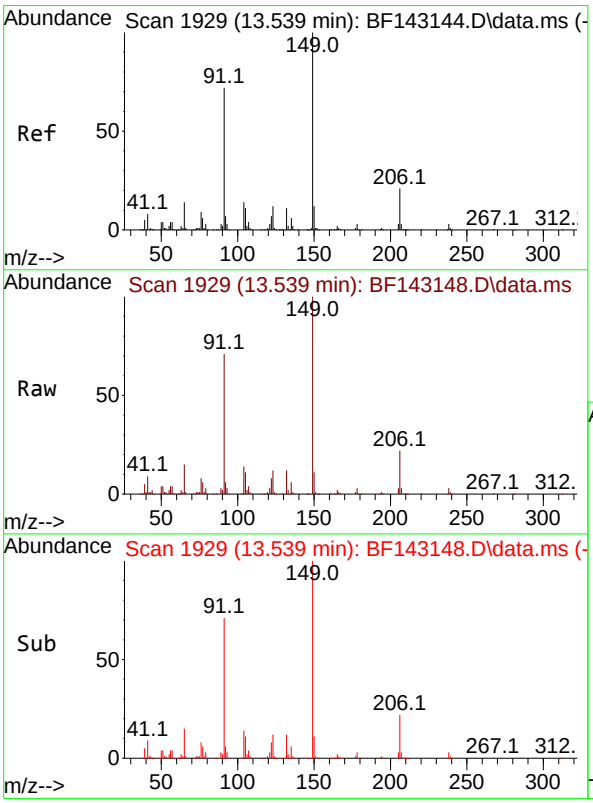

#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:244 Resp: 1234701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |

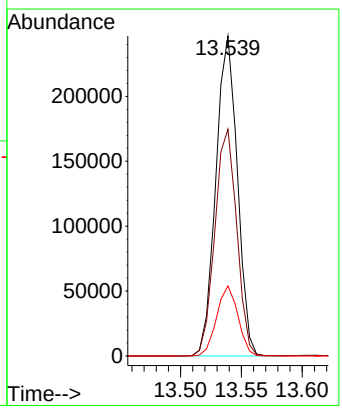


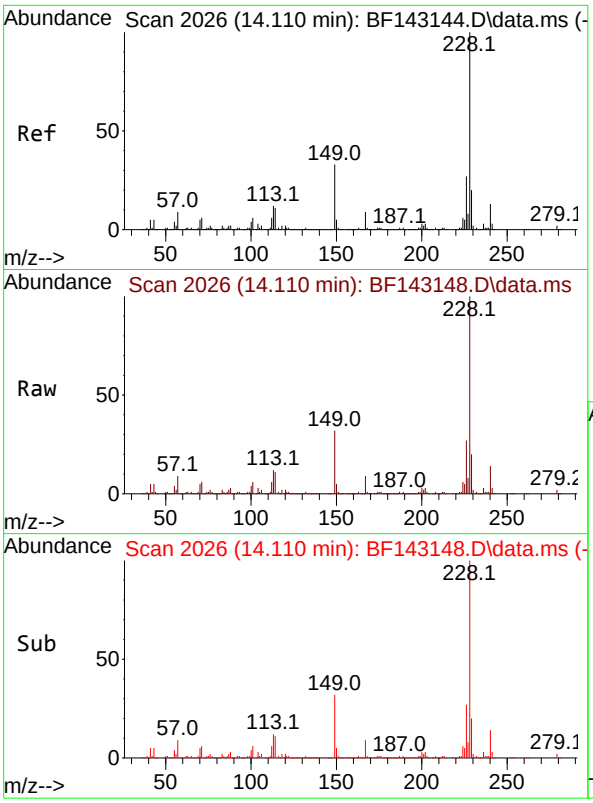




#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.9 | 57.9 | 86.9 |
| 206 | 21.9 | 17.0 | 25.4 |



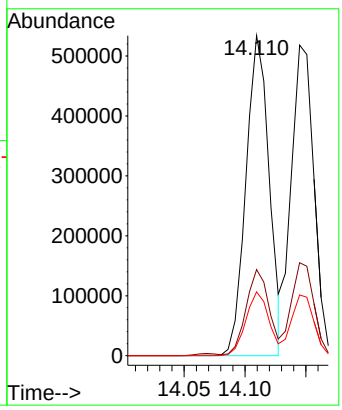


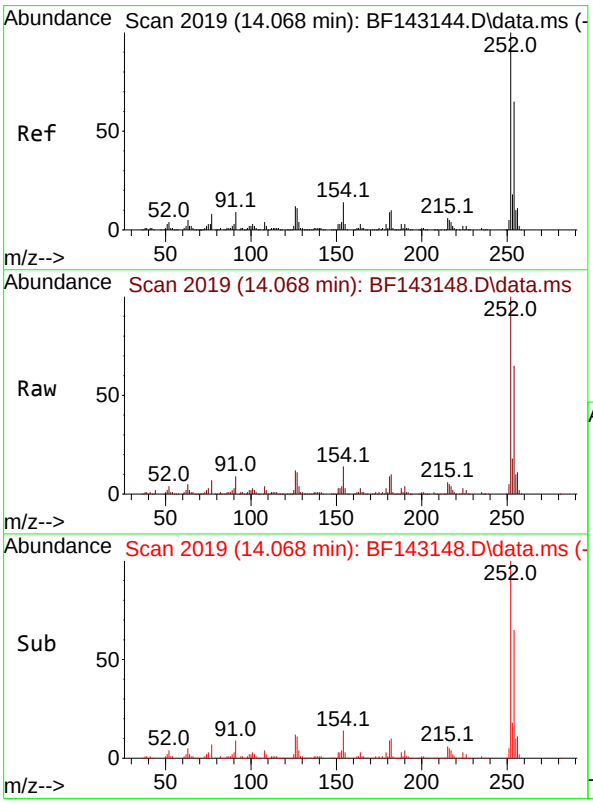

#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:228 Resp: 708799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.7 | 32.5 |
| 229 | 20.0 | 15.8 | 23.6 |

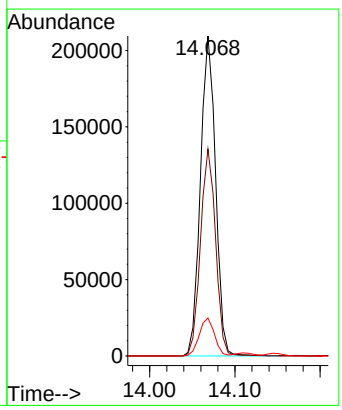


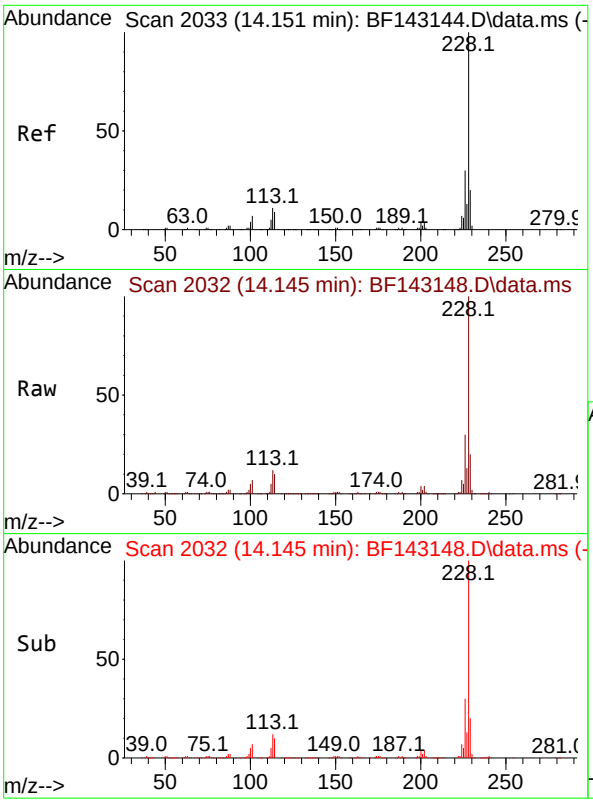




#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 11.9 | 9.4 | 14.0 |



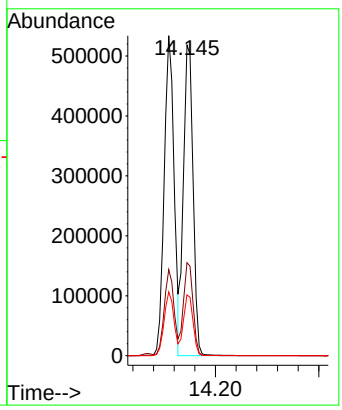


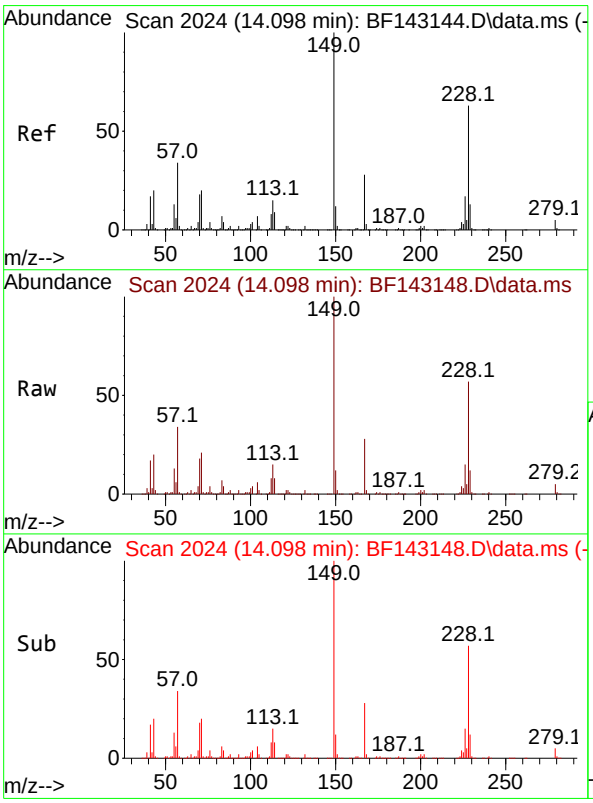

#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:228 Resp: 673701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.8 | 35.8 |
| 229 | 19.6 | 15.6 | 23.4 |

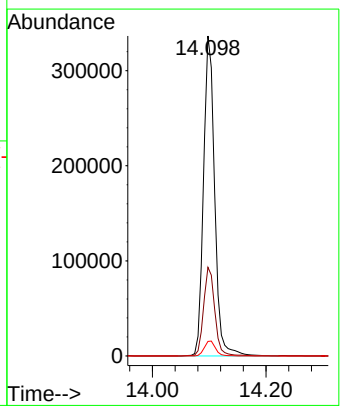


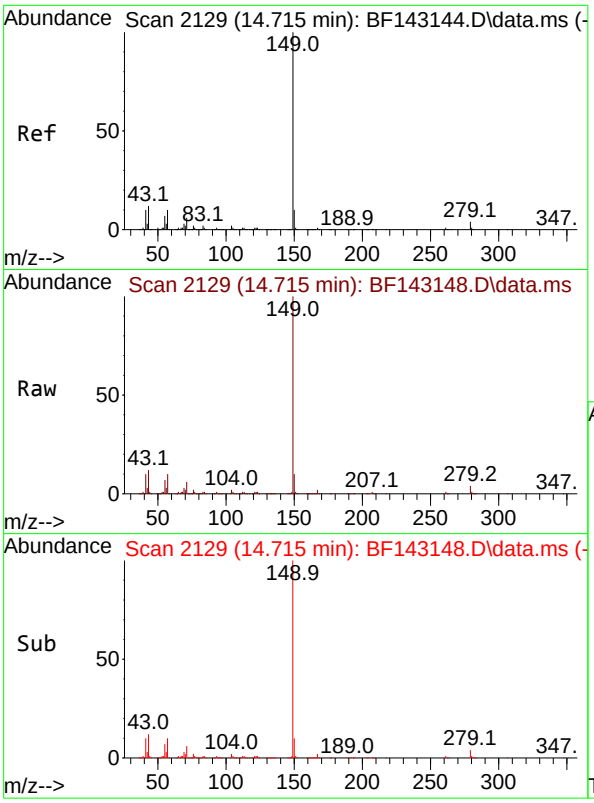




#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 456811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.3 | 33.5 |
| 279 | 4.6 | 3.6 | 5.4 |



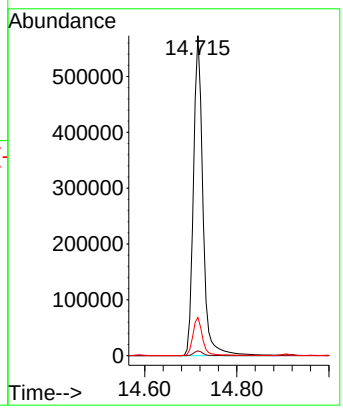


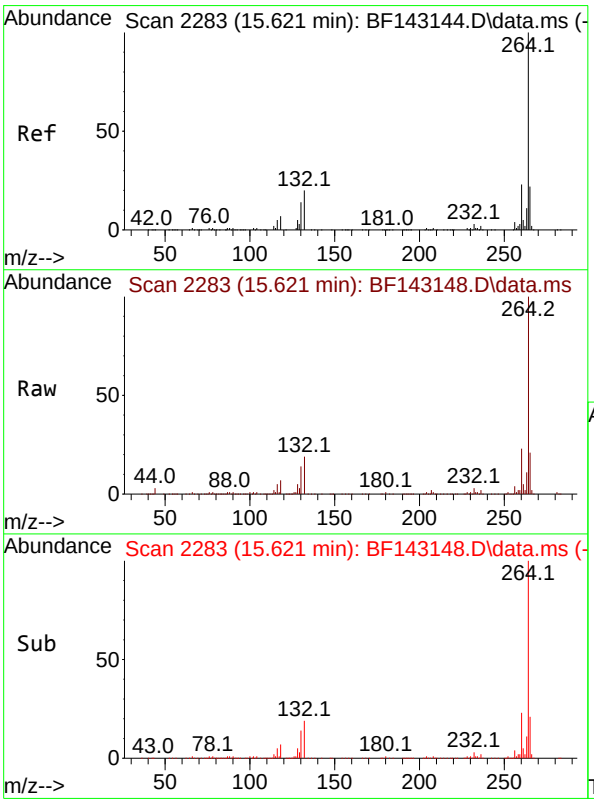

#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:149 Resp: 818512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 12.2 | 9.7 | 14.5 |

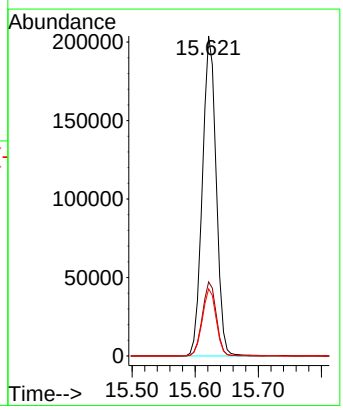


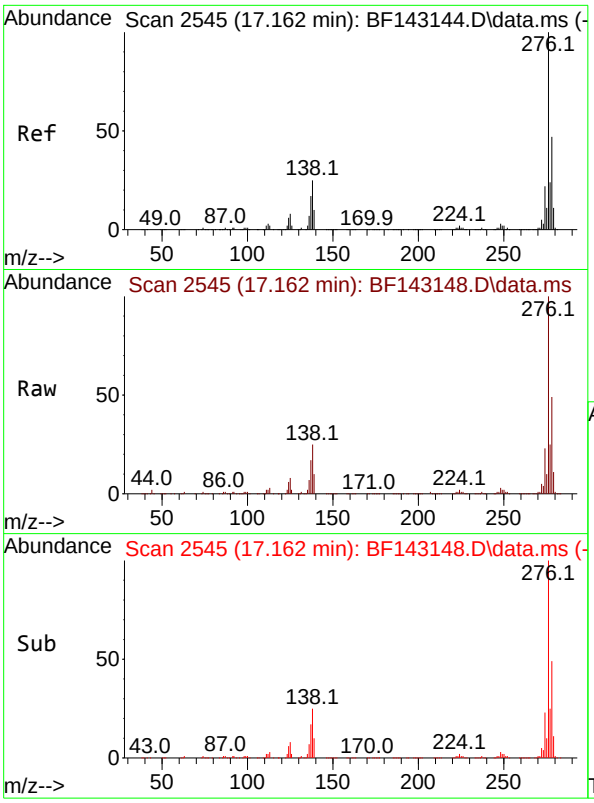




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 20.9 | 17.4 | 26.2 |



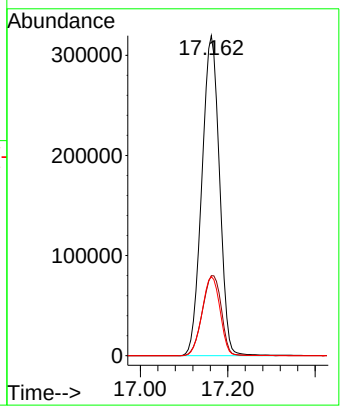


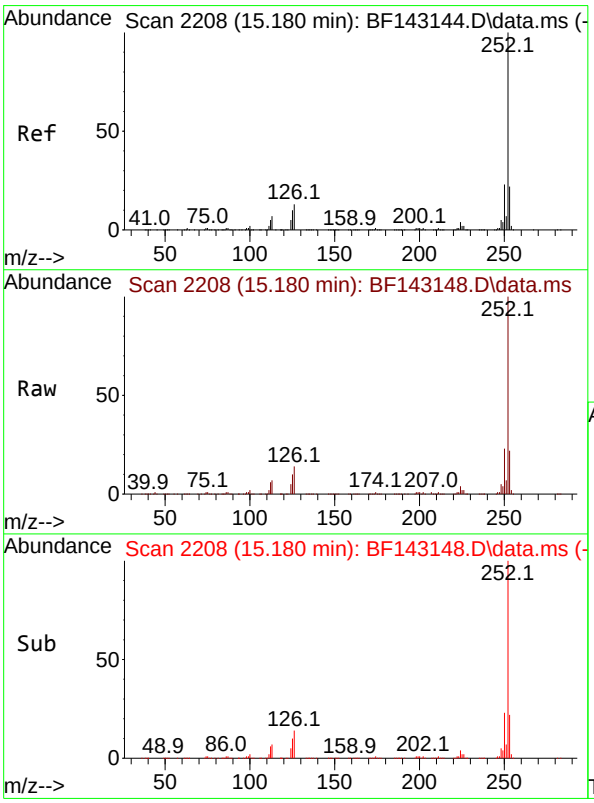

#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:276 Resp: 896404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.8 | 32.6 |
| 277 | 25.2 | 20.0 | 30.0 |

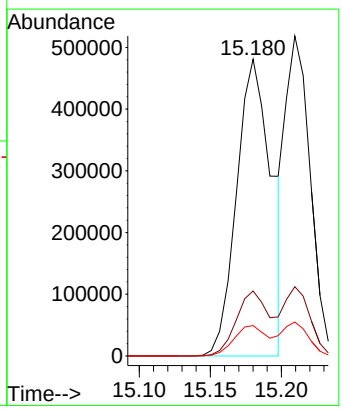


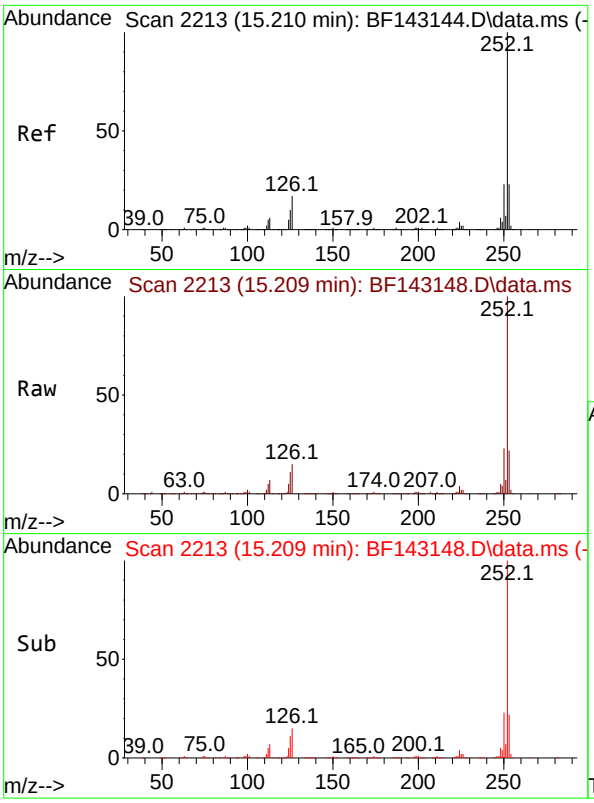




#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.3 | 8.0 | 12.0 |



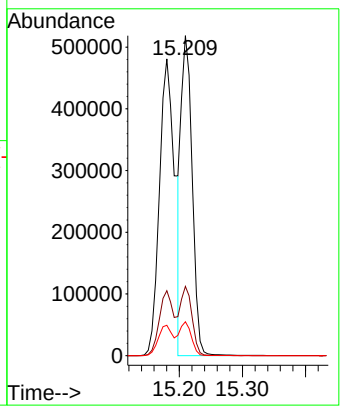


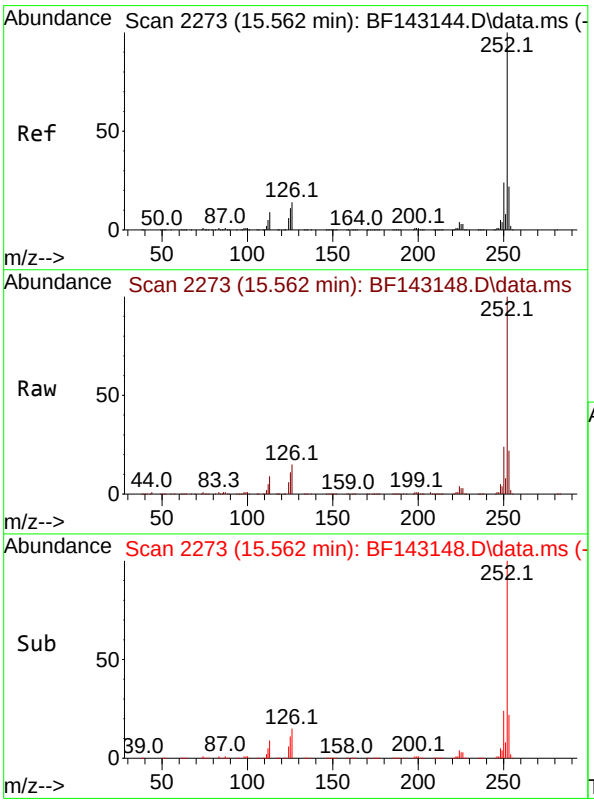

#89
Benzo(k)fluoranthene
Concen: 37.531 ng
RT: 15.209 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:252 Resp: 634642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.8 | 26.6 |
| 125 | 10.6 | 8.1 | 12.1 |

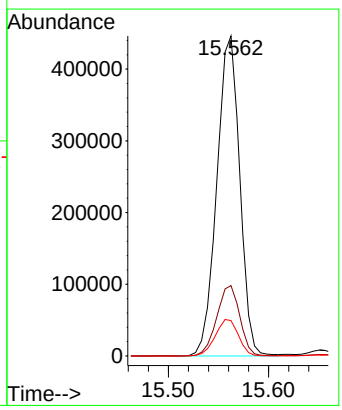


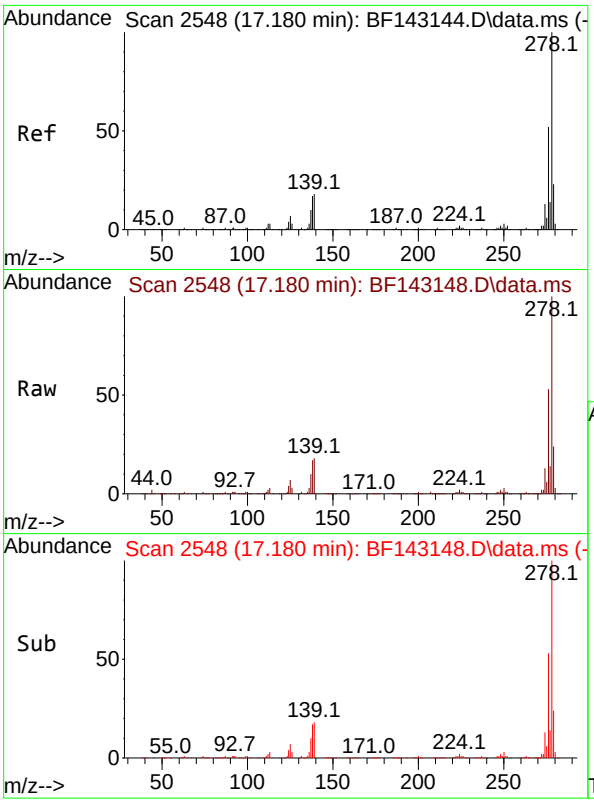




#90
Benzo(a)pyrene
Concen: 40.594 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 708756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.3 | 25.9 |
| 125 | 11.1 | 8.6 | 13.0 |



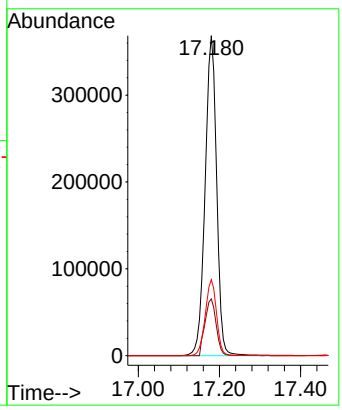


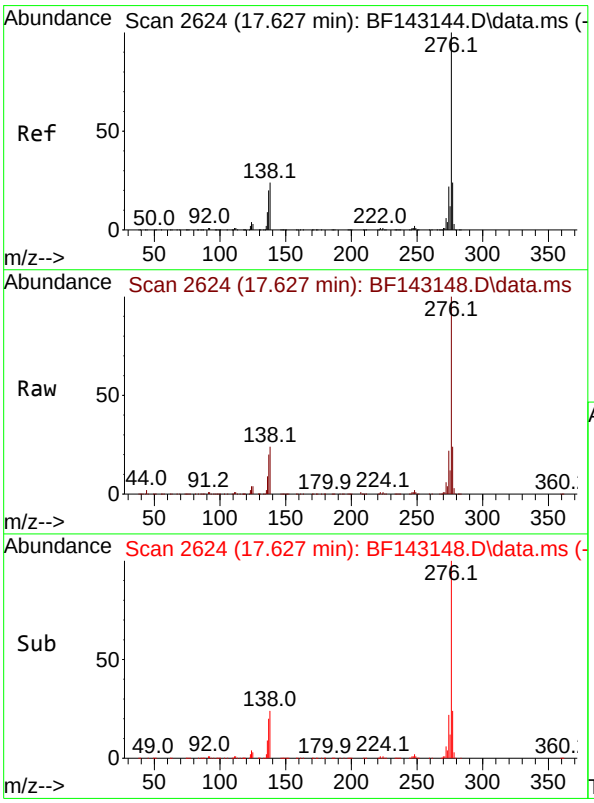

#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF071725

Tgt Ion:278 Resp: 724758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 14.1 | 21.1 |
| 279 | 23.8 | 18.6 | 28.0 |

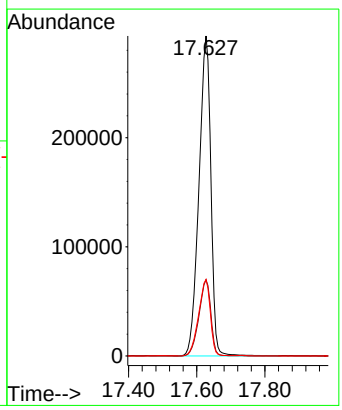



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.1 | 28.7 |
| 138 | 23.9 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 122637 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 483164 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 258898 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.492 | 188 | 420723 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.133 | 240 | 277520 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 15.633 | 264 | 250625 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.592 | 112 | 656921 | 84.767 | ng | | 0.00 |
| 7) Phenol-d6 | 6.586 | 99 | 860079 | 88.173 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 547489 | 56.483 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 245931 | 91.952 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 984221 | 51.991 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 824200 | 44.195 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.840 | 88 | 130984 | 35.720 | ng | | 99 |
| 3) Pyridine | 3.610 | 79 | 355037 | 37.302 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.546 | 42 | 205539 | 41.826 | ng | | 99 |
| 6) Aniline | 6.628 | 93 | 319279 | 23.486 | ng | | 99 |
| 8) 2-Chlorophenol | 6.751 | 128 | 348702 | 42.926 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 239190 | 32.701 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 470154 | 44.243 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 345925 | 42.516 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 356842 | 40.438 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 362700 | 40.813 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.133 | 146 | 347469 | 41.109 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 331244 | 44.474 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 624571 | 41.381 | ng | | 100 |
| 17) 2-Methylphenol | 7.210 | 107 | 297538 | 43.562 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 131497 | 42.743 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 257035 | 41.072 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 367283 | 44.321 | ng | # | 78 |
| 22) Acetophenone | 7.369 | 105 | 473405 | 41.385 | ng | # | 98 |
| 24) Nitrobenzene | 7.539 | 77 | 393741 | 43.571 | ng | | 99 |
| 25) Isophorone | 7.781 | 82 | 722769 | 42.240 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 184391 | 47.015 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 336155 | 42.048 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 424559 | 41.383 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 295634 | 43.850 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 300326 | 41.233 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1043768 | 43.865 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 242290 | 53.176 | ng | | 97 |
| 33) 4-Chloroaniline | 8.310 | 127 | 115901 | 11.929 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 180230 | 40.506 | ng | | 100 |
| 35) Caprolactam | 8.680 | 113 | 111637 | 54.796 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.786 | 107 | 337664 | 46.079 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 632605 | 43.689 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 654760 | 43.913 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.127 | 216 | 307216 | 41.101 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 269158 | 55.342 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 225706 | 43.631 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 226021 | 43.678 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 845751 | 41.871 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 622529 | 41.652 | ng | | 99 |
| 48) 2-Nitroaniline | 9.533 | 65 | 228188 | 48.685 | ng | | 97 |
| 49) Acenaphthylene | 9.863 | 152 | 1074389 | 42.895 | ng | | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 739486 | 43.820 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.780 | 165 | 162636 | 47.374 | ng | | 98 |
| 52) Acenaphthene | 10.039 | 154 | 702409 | 47.447 | ng | | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 150223 | 37.411 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 161630 | 101.891 | ng | # | 1 |
| 55) Dibenzofuran | 10.210 | 168 | 958909 | 43.628 | ng | | 100 |
| 56) 4-Nitrophenol | 10.104 | 139 | 290208 | 96.784 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.180 | 165 | 222639 | 51.692 | ng | | 98 |
| 58) Fluorene | 10.551 | 166 | 735293 | 44.574 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.327 | 232 | 194167 | 45.297 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 770106 | 46.169 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 350275 | 42.644 | ng | | 98 |
| 62) 4-Nitroaniline | 10.563 | 138 | 162531 | 47.227 | ng | | 97 |
| 63) Azobenzene | 10.704 | 77 | 806940 | 46.418 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 106177 | 48.125 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 640269 | 43.218 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 215047 | 42.890 | ng | | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 221260 | 42.221 | ng | | 99 |
| 69) Atrazine | 11.186 | 200 | 192717 | 47.184 | ng | | 98 |
| 70) Pentachlorophenol | 11.292 | 266 | 273917 | 88.880 | ng | | 99 |
| 71) Phenanthrene | 11.516 | 178 | 1252082 | 56.049 | ng | | 99 |
| 72) Anthracene | 11.569 | 178 | 1059941 | 46.522 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 866665 | 43.563 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1089699 | 48.409 | ng | | 100 |
| 75) Fluoranthene | 12.704 | 202 | 1341747 | 65.437 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 257059 | 24.042 | ng | | 99 |
| 78) Pyrene | 12.933 | 202 | 1405043 | 59.322 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 372649 | 51.381 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.121 | 228 | 1055813 | 56.825 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 136903 | 22.108 | ng | | 99 |
| 83) Chrysene | 14.157 | 228 | 926475 | 55.460 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 512026 | 46.643 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 880873 | 44.269 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 632228 | 35.775 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.192 | 252 | 1015390 | 66.318 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 712098 | 52.120 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.574 | 252 | 800603 | 56.754 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.198 | 278 | 444650 | 30.912 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 504925 | 36.288 | ng | | 99 |

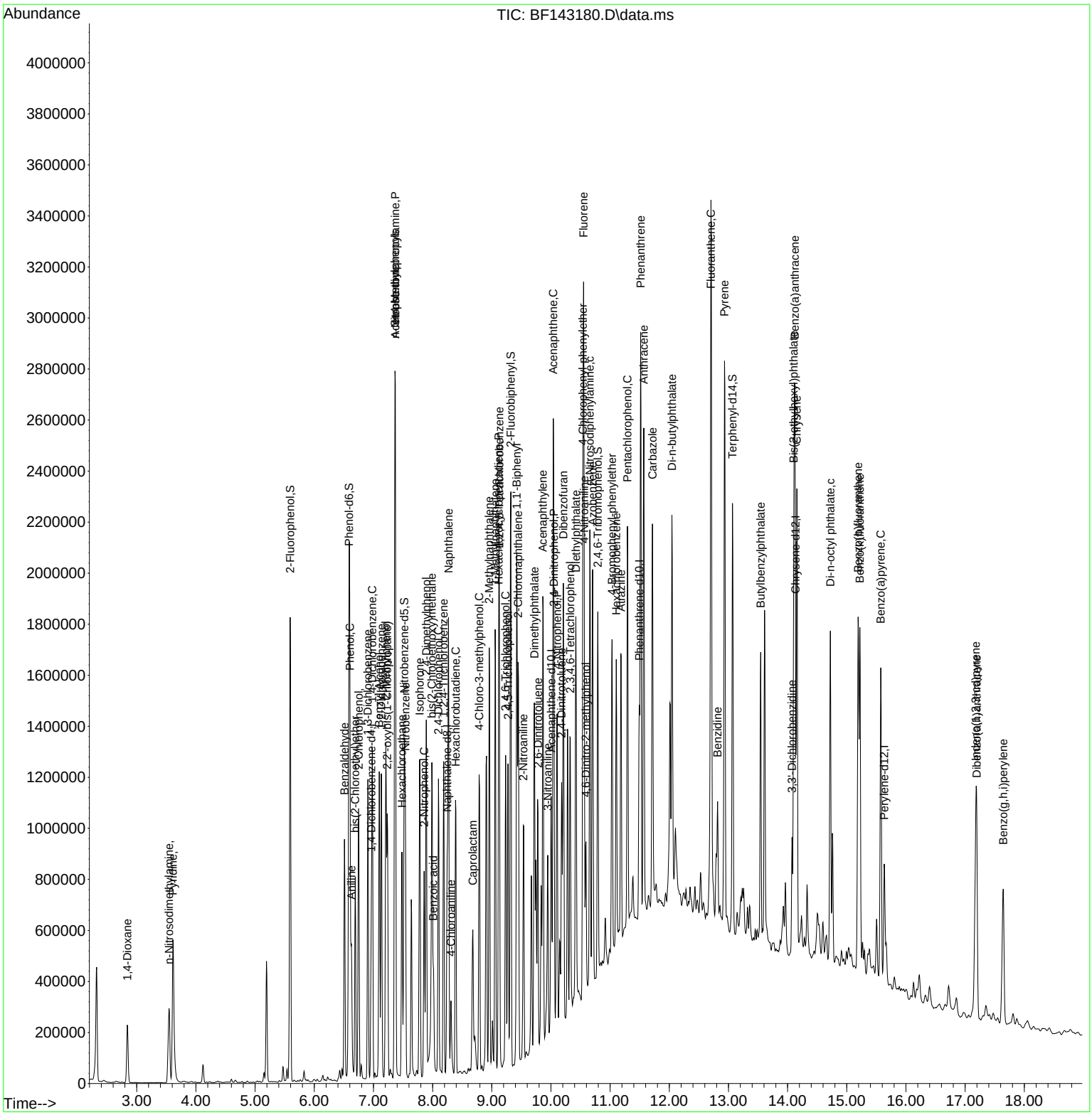
(#) = qualifier out of range (m) = manual integration (+) = signals summed

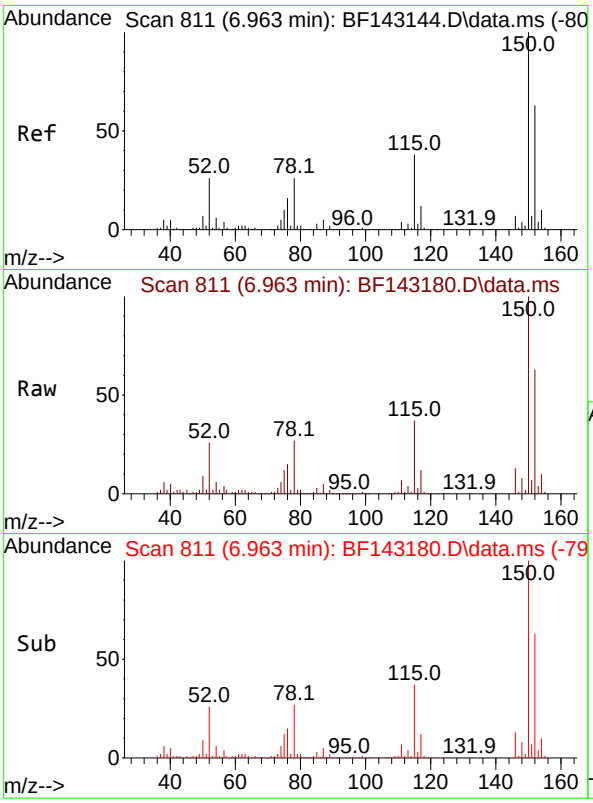
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143180.D
Acq On : 22 Jul 2025 10:26
Operator : RC/JU
Sample : Q2635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Quant Time: Jul 22 11:17:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



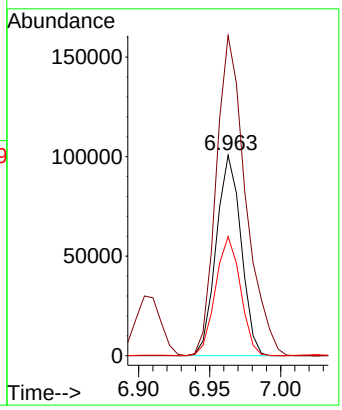


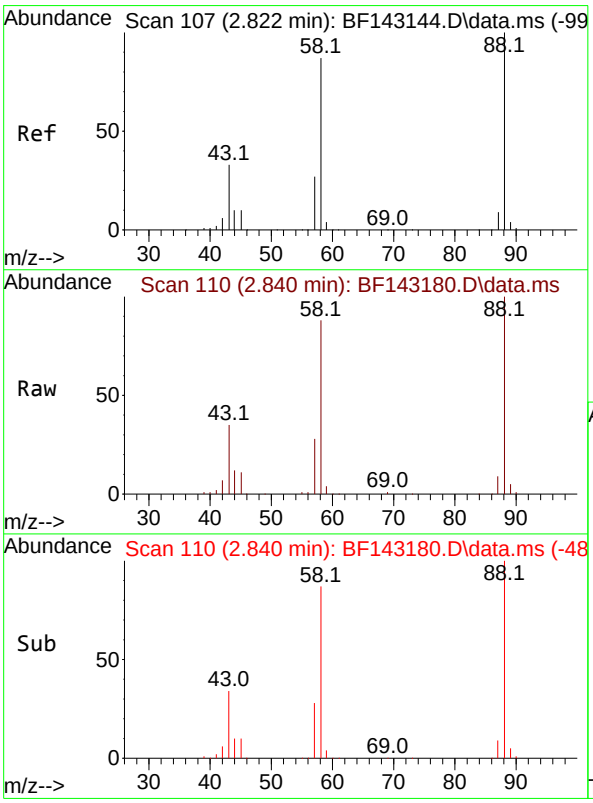

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:152 Resp: 122637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.7 | 128.2 | 192.4 |
| 115 | 59.4 | 47.9 | 71.9 |

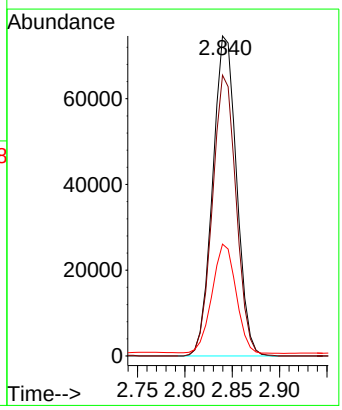


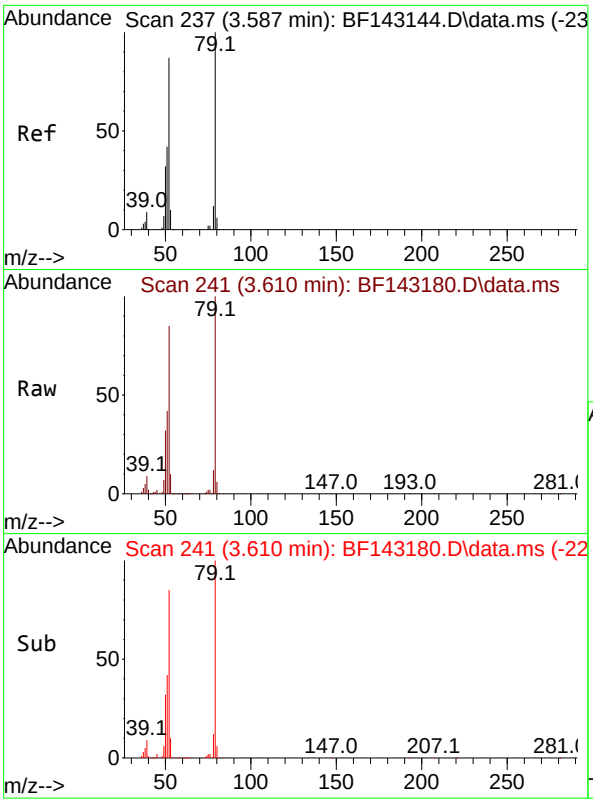




#2
1,4-Dioxane
Concen: 35.720 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 88 Resp: 130984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.3 | 70.2 | 105.2 |
| 43 | 34.4 | 27.1 | 40.7 |



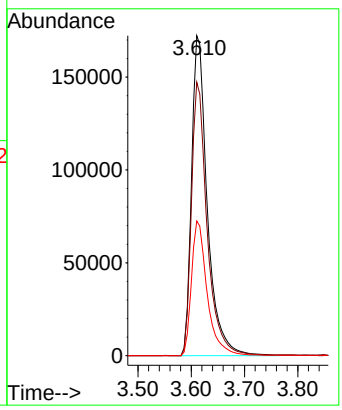


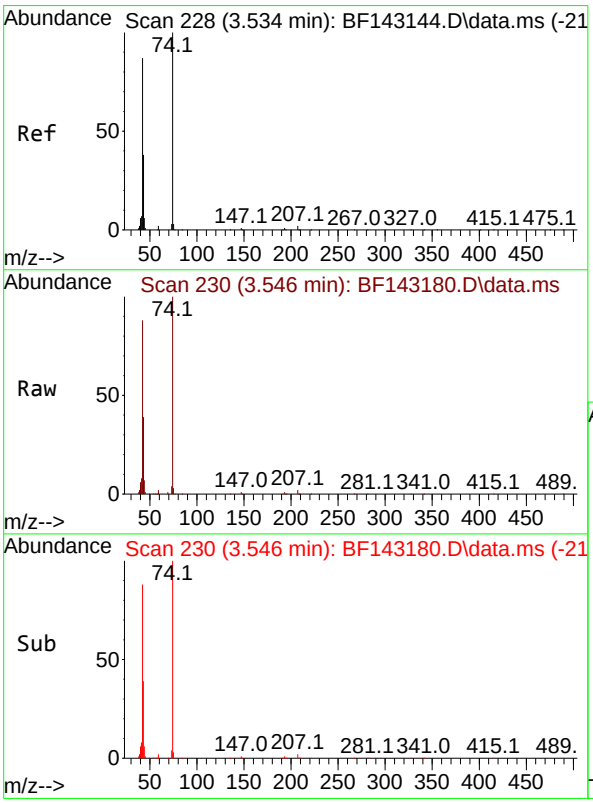

#3
Pyridine
Concen: 37.302 ng
RT: 3.610 min Scan# 24
Delta R.T. 0.023 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 79 Resp: 355037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.5 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |

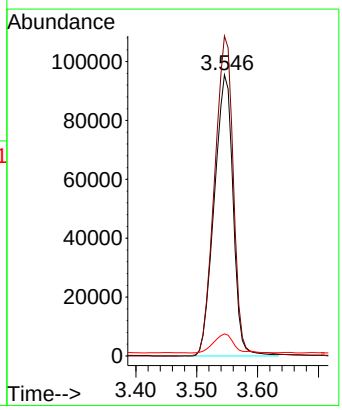


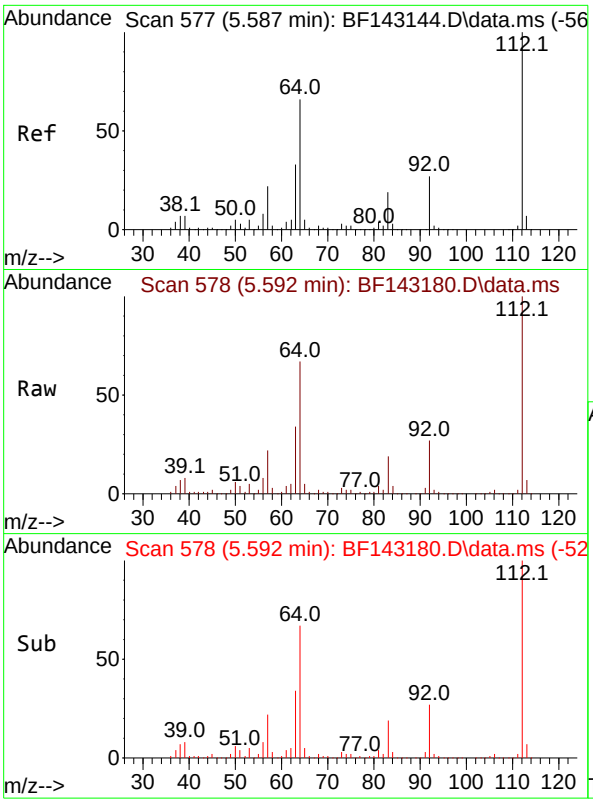




#4
n-Nitrosodimethylamine
Concen: 41.826 ng
RT: 3.546 min Scan# 230
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 42 Resp: 205539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.8 | 91.7 | 137.5 |
| 44 | 7.9 | 5.6 | 8.4 |



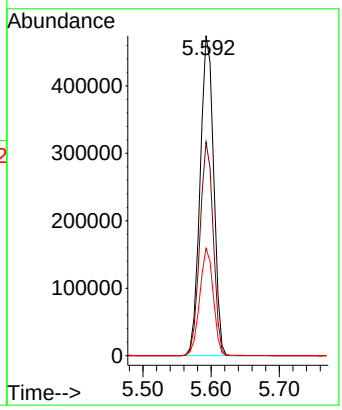


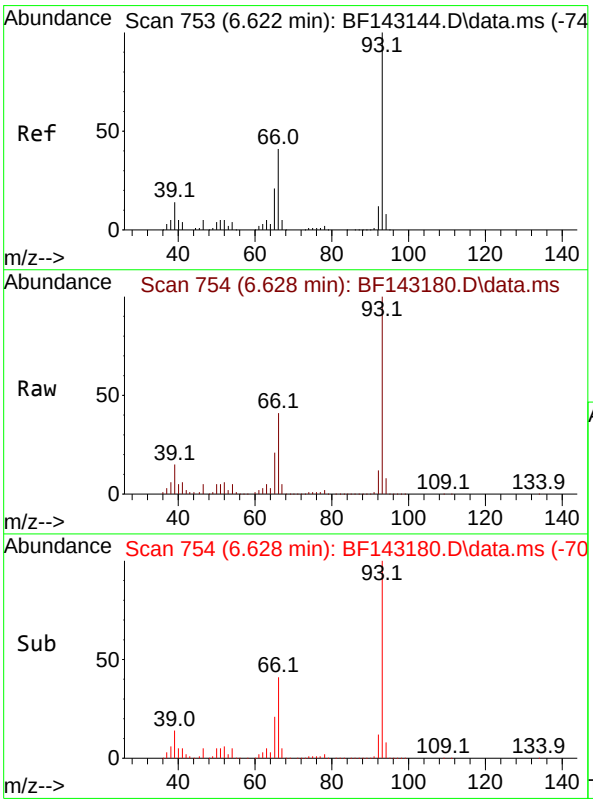

#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.592 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:112 Resp: 656921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 53.1 | 79.7 |
| 63 | 33.5 | 26.6 | 40.0 |

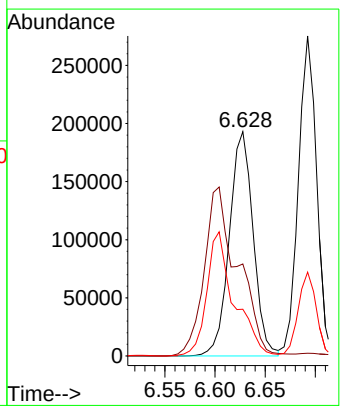


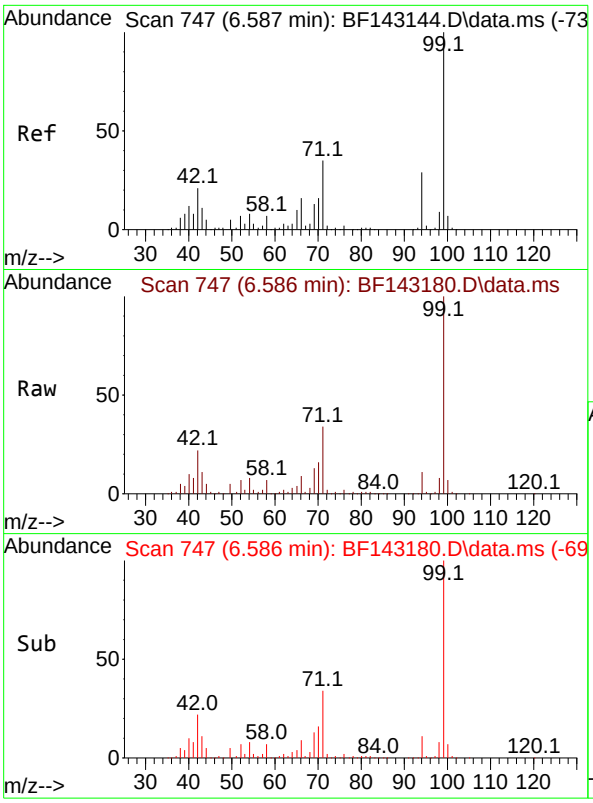




#6
Aniline
Concen: 23.486 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 319279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 33.2 | 49.8 |
| 65 | 20.8 | 16.9 | 25.3 |



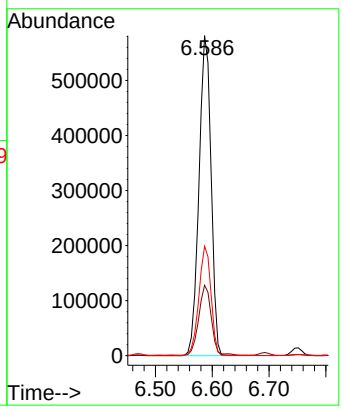


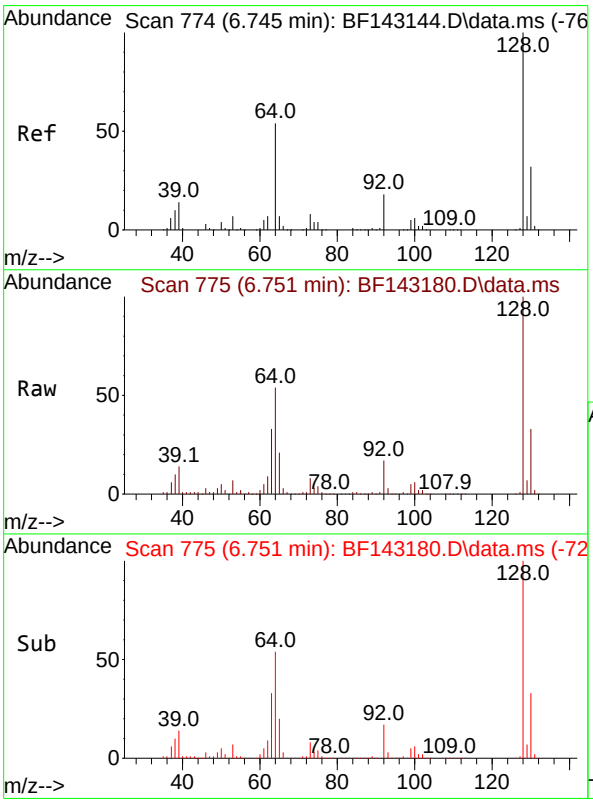

#7
Phenol-d6
Concen: 88.173 ng
RT: 6.586 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 99 Resp: 860079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.0 | 17.0 | 25.6 |
| 71 | 34.2 | 27.7 | 41.5 |

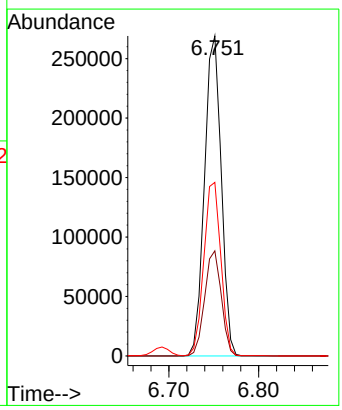


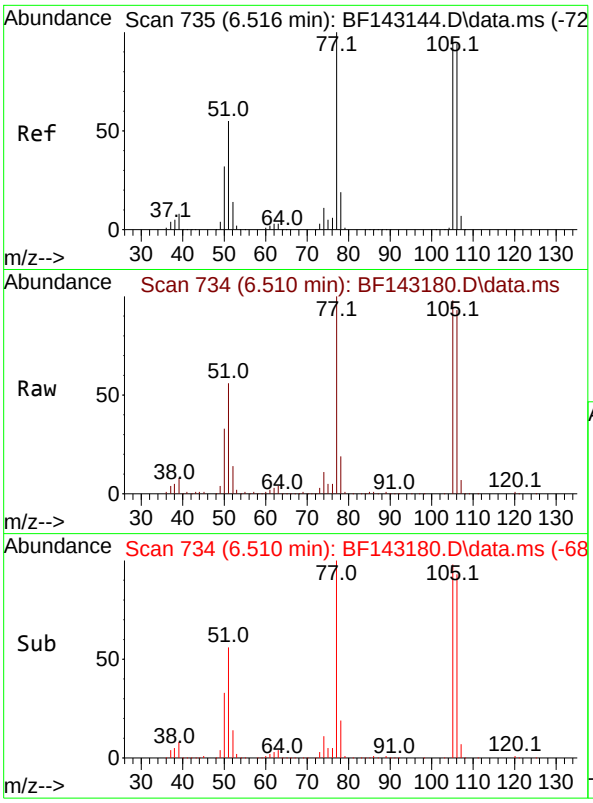




#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:128 Resp: 348702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.3 | 52.3 |
| 64 | 54.2 | 35.9 | 75.9 |



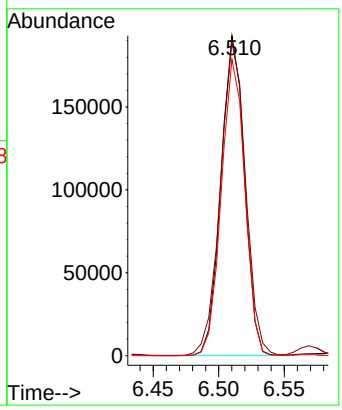


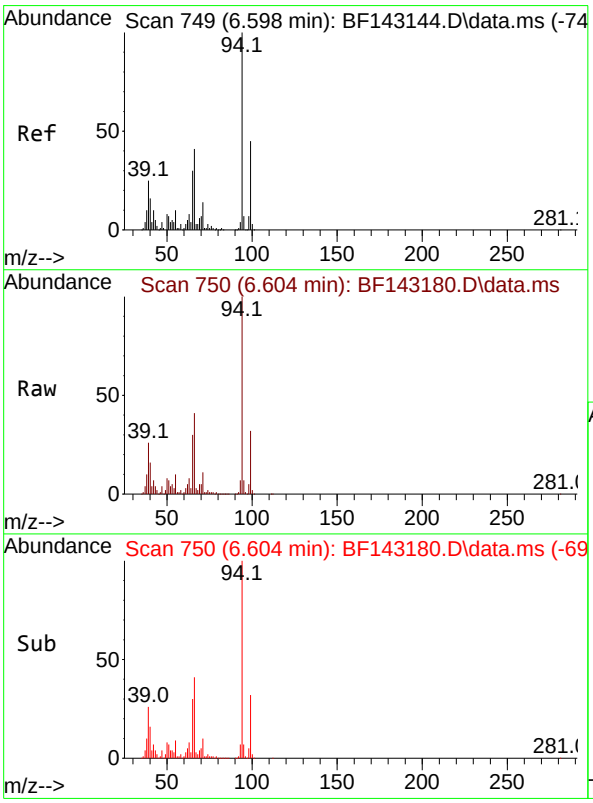

#9
Benzaldehyde
Concen: 32.701 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 77 Resp: 239190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.0 | 76.8 | 116.8 |
| 106 | 92.5 | 74.4 | 114.4 |

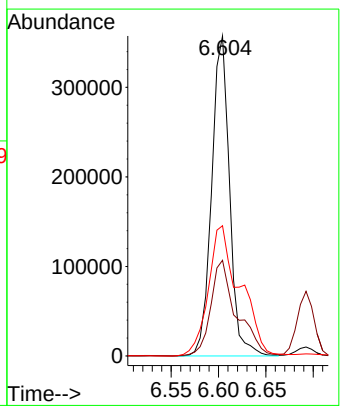


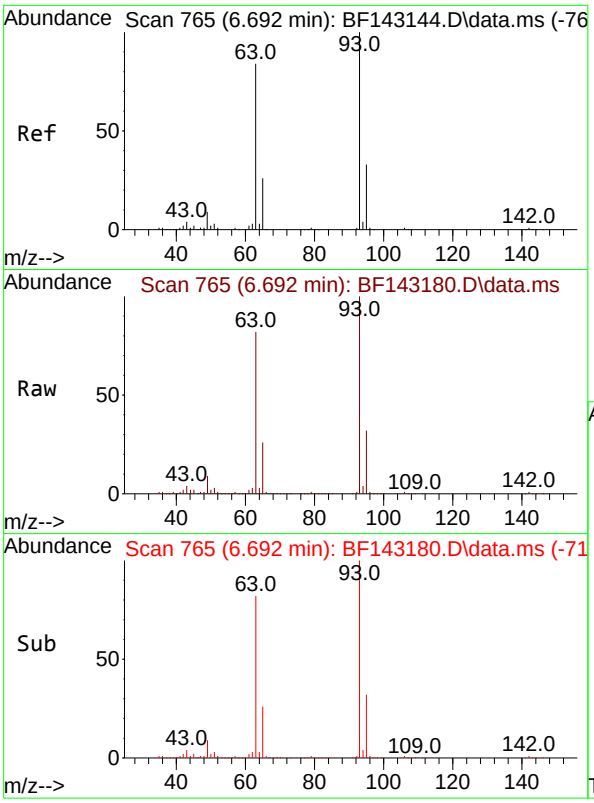




#10
Phenol
Concen: 44.243 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 94 Resp: 470154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 10.0 | 50.0 |
| 66 | 40.7 | 20.8 | 60.8 |



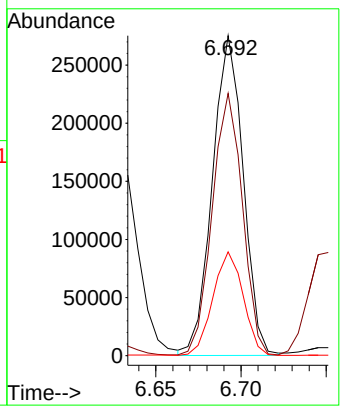


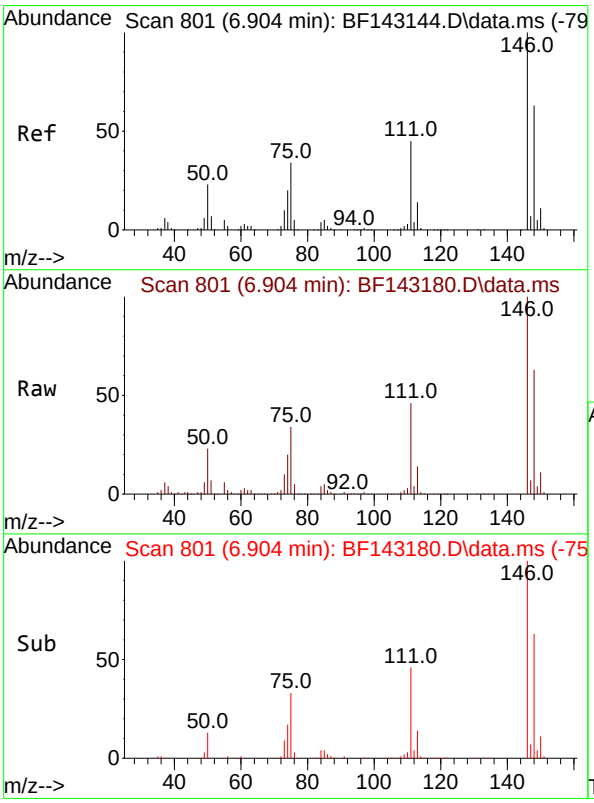

#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 93 Resp: 345925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.9 | 63.4 | 103.4 |
| 95 | 32.5 | 12.4 | 52.4 |

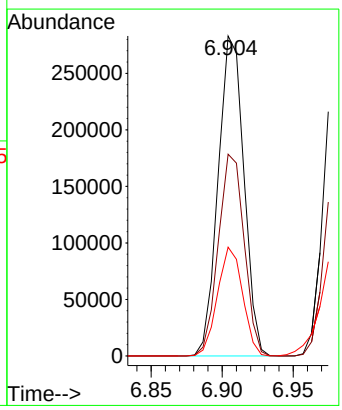


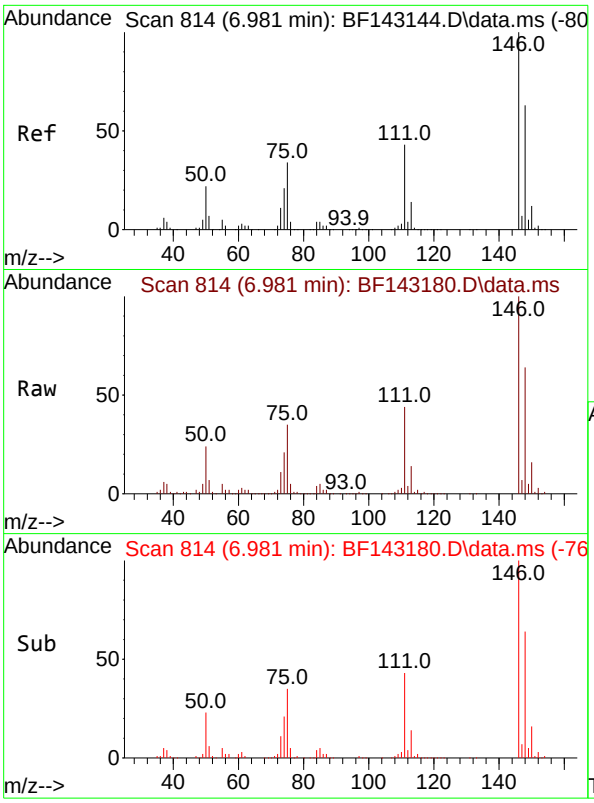




#12
1,3-Dichlorobenzene
Concen: 40.438 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 356842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 75 | 34.0 | 27.4 | 41.2 |



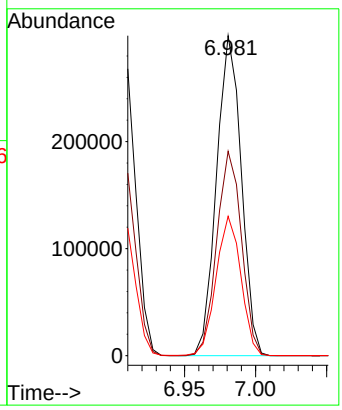


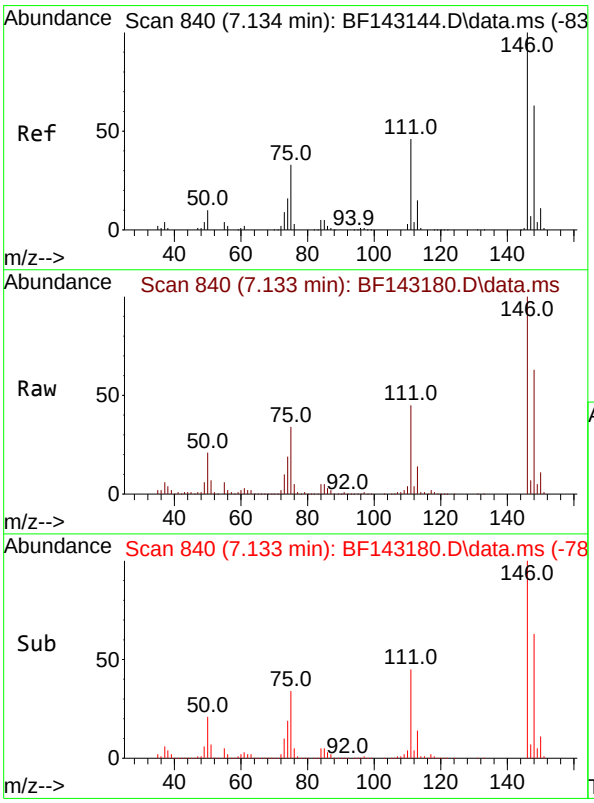

#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:146 Resp: 362700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 50.3 | 75.5 |
| 111 | 43.6 | 34.4 | 51.6 |

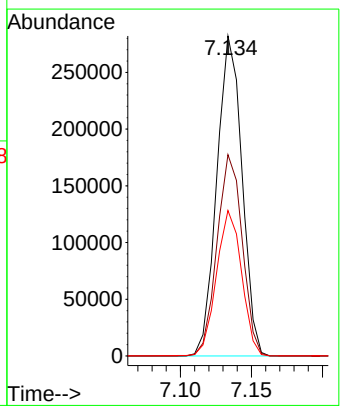


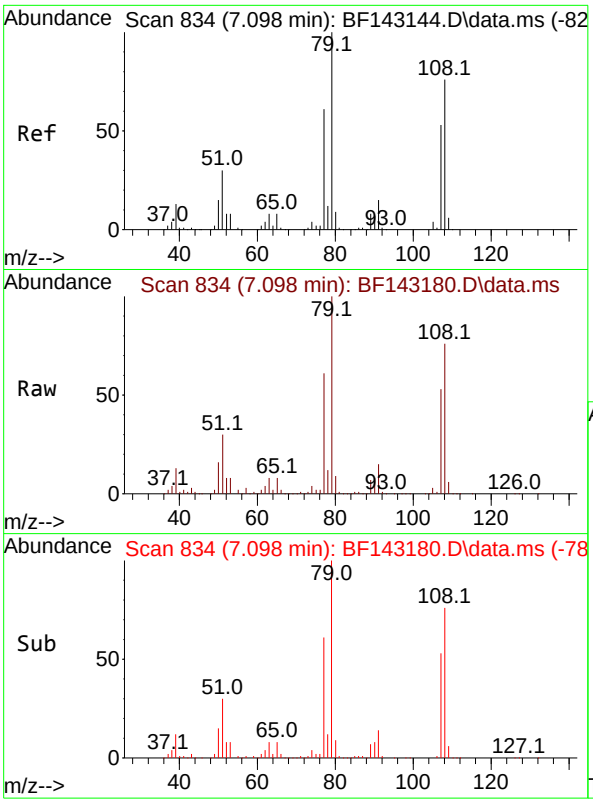




#14
1,2-Dichlorobenzene
Concen: 41.109 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:146 Resp: 347469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 50.7 | 76.1 |
| 111 | 45.5 | 36.6 | 54.8 |



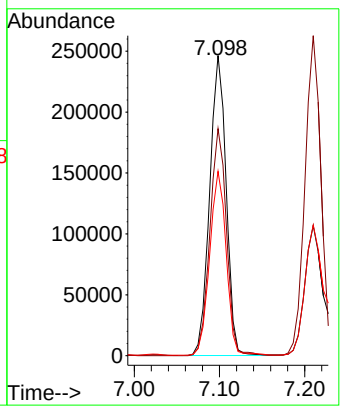


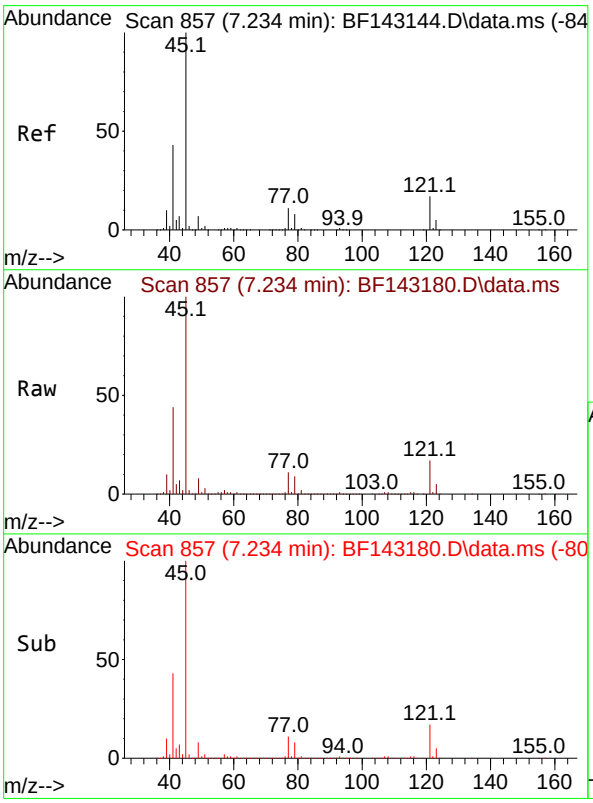

#15
Benzyl Alcohol
Concen: 44.474 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 79 Resp: 331244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.6 | 61.1 | 91.7 |
| 77 | 61.4 | 48.9 | 73.3 |

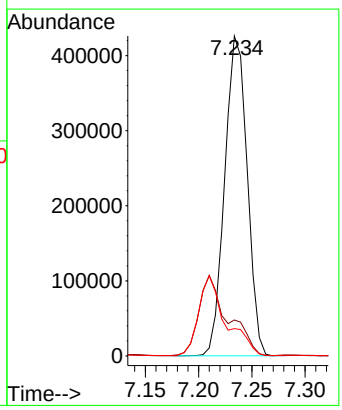


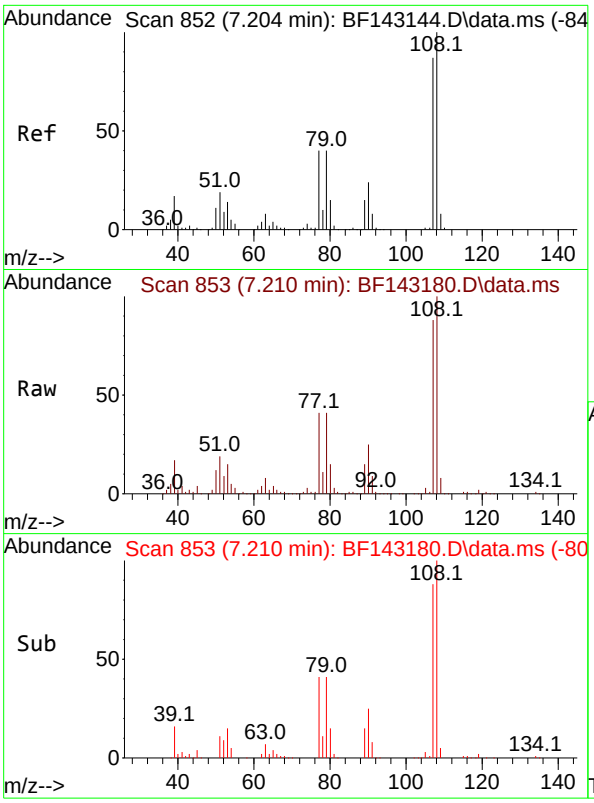




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.381 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 45 Resp: 624571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.2 | 0.0 | 31.2 |
| 79 | 8.6 | 0.0 | 28.5 |



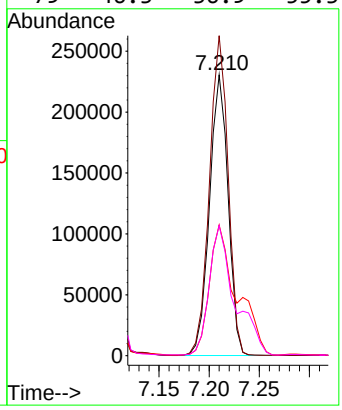


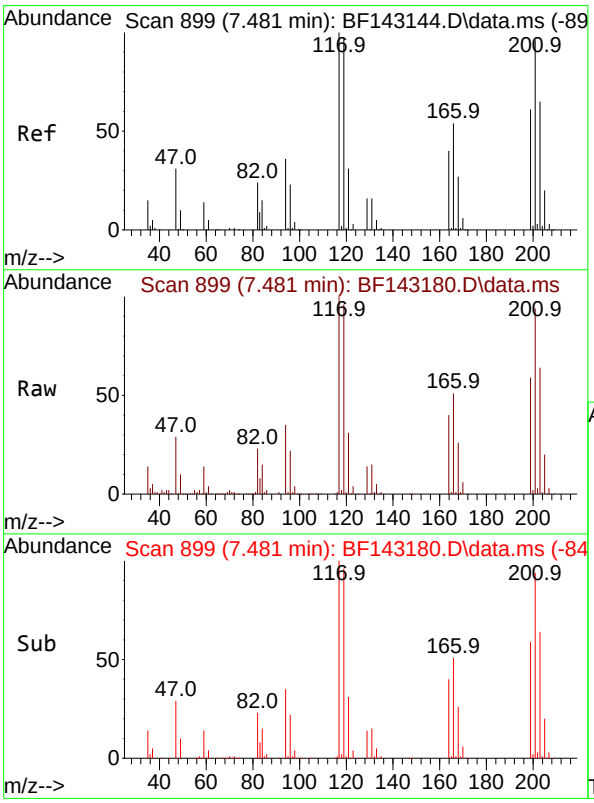

#17
2-Methylphenol
Concen: 43.562 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:107 Resp: 297538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.8 | 137.6 |
| 77 | 46.6 | 37.0 | 55.6 |
| 79 | 46.3 | 36.9 | 55.3 |

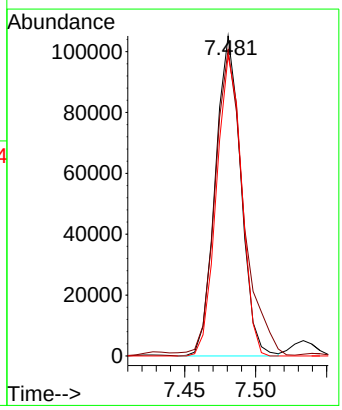


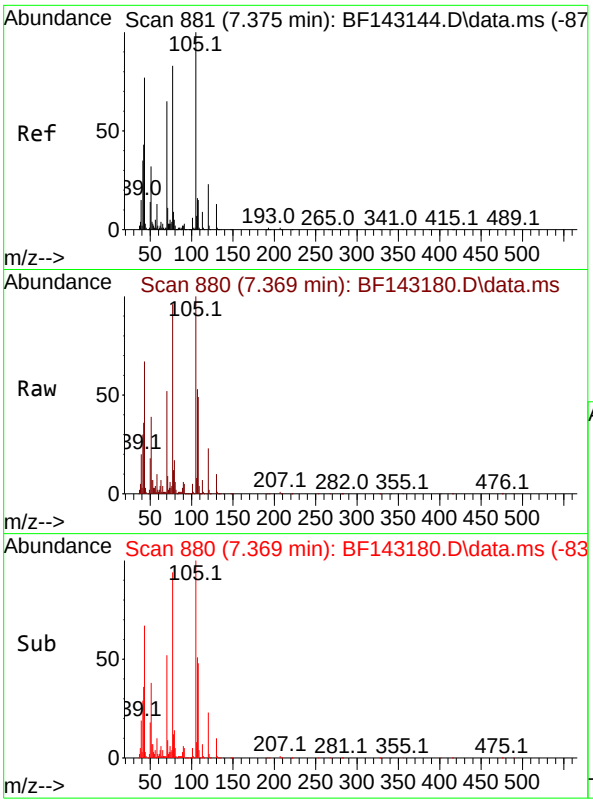




#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:117 Resp: 131497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 77.8 | 116.8 |
| 201 | 94.0 | 77.0 | 115.4 |



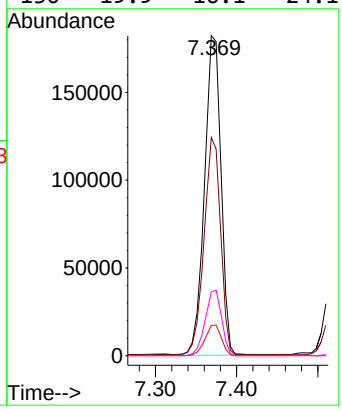


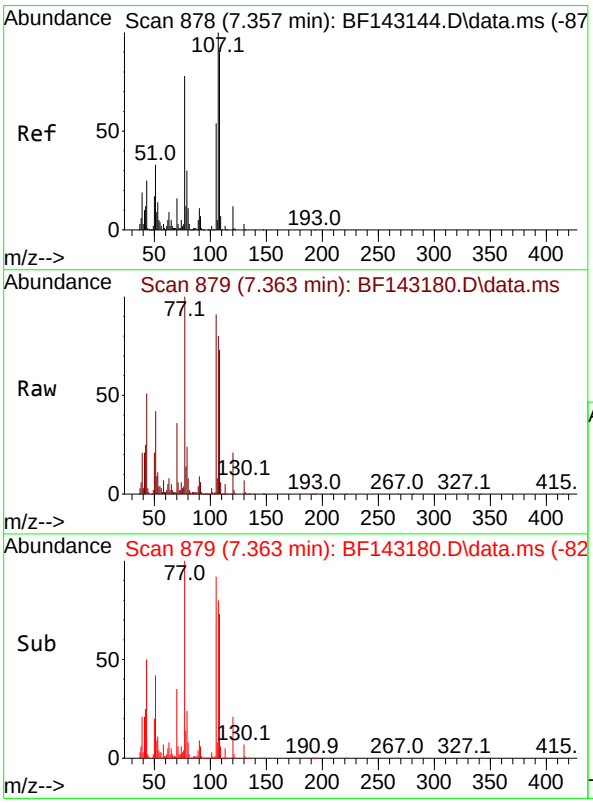

#19
n-Nitroso-di-n-propylamine
Concen: 41.072 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 70 Resp: 257035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.2 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |

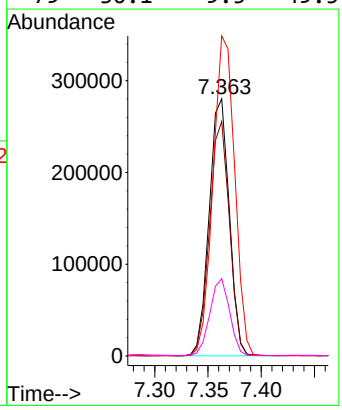


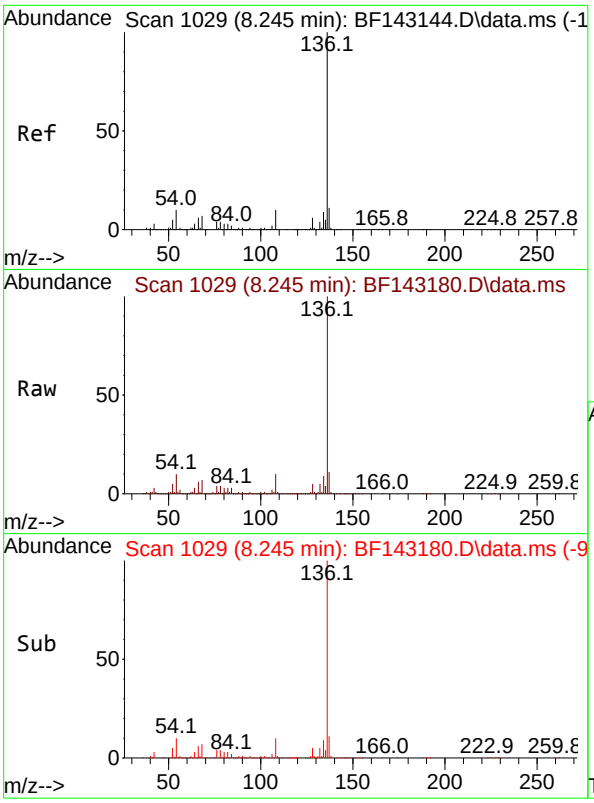




#20
3+4-Methylphenols
Concen: 44.321 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 367283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 70.0 | 110.0 |
| 77 | 124.5 | 57.8 | 97.8# |
| 79 | 30.1 | 9.5 | 49.5 |



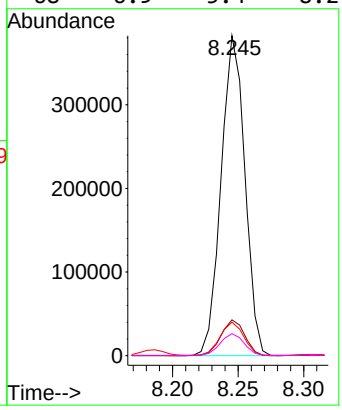


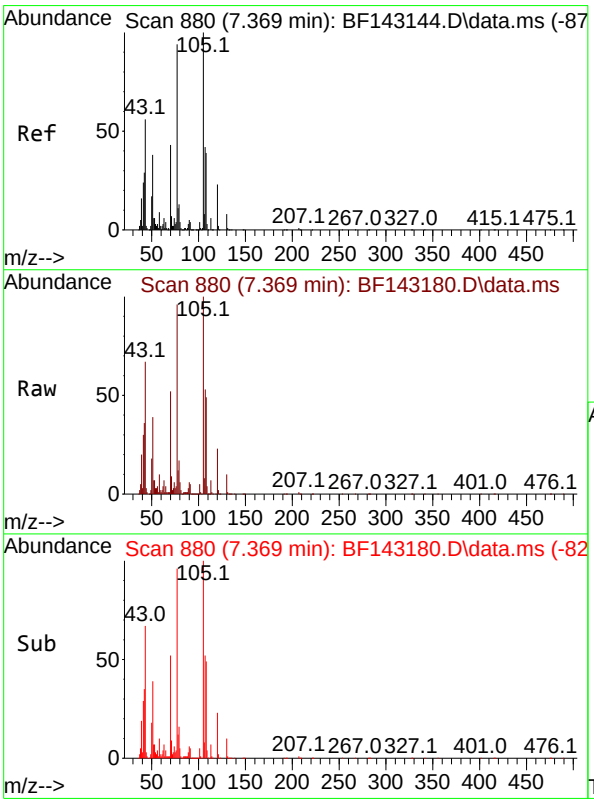

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:136 Resp: 483164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.6 | 13.0 |
| 54 | 10.4 | 8.2 | 12.2 |
| 68 | 6.9 | 5.4 | 8.2 |

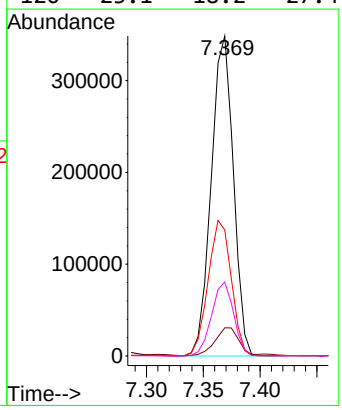


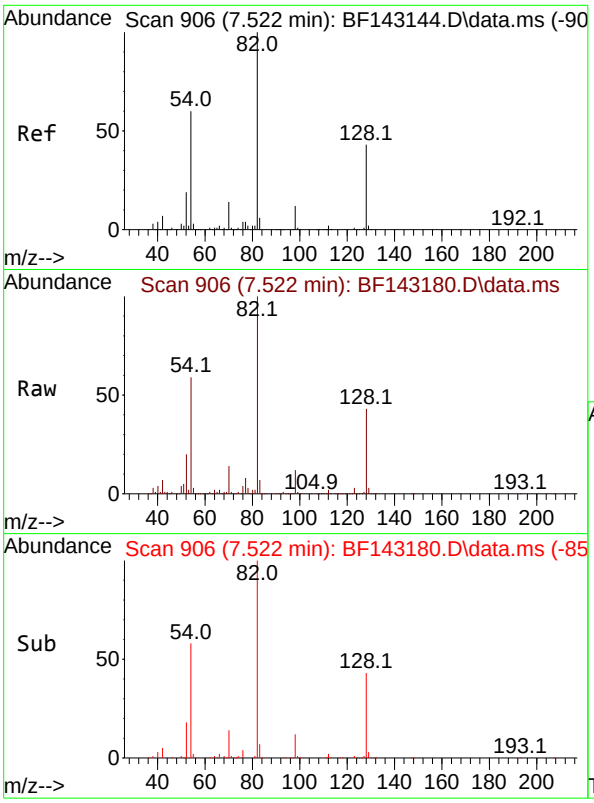




#22
Acetophenone
Concen: 41.385 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:105 Resp: 473405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.8 | 5.8 | 8.6# |
| 51 | 39.4 | 30.2 | 45.2 |
| 120 | 23.1 | 18.2 | 27.4 |



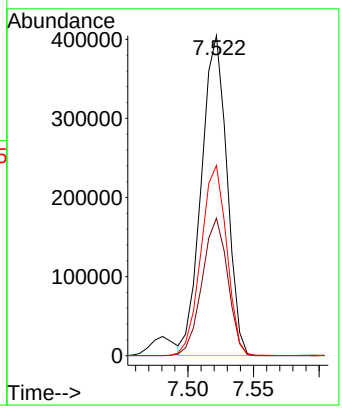


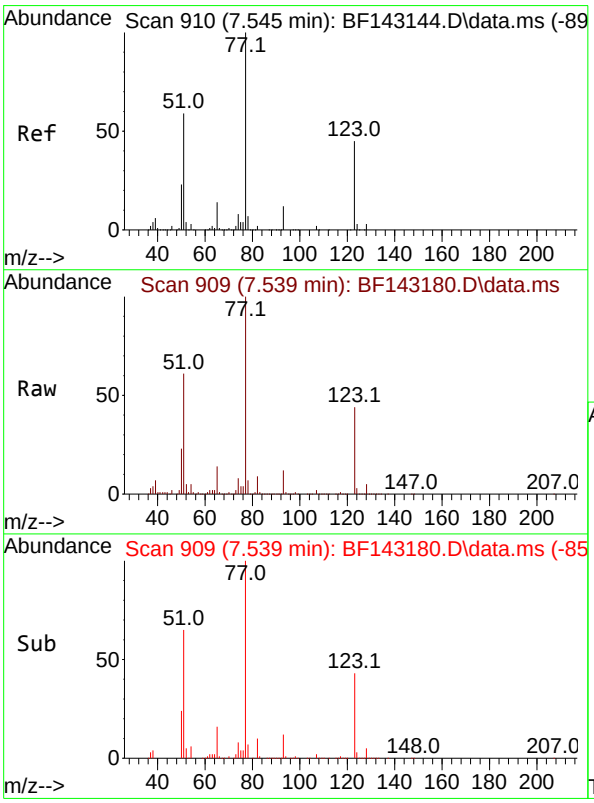

#23
Nitrobenzene-d5
Concen: 56.483 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 82 Resp: 547489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 33.6 | 50.4 |
| 54 | 59.5 | 47.1 | 70.7 |

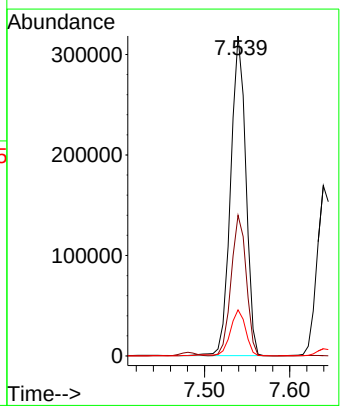


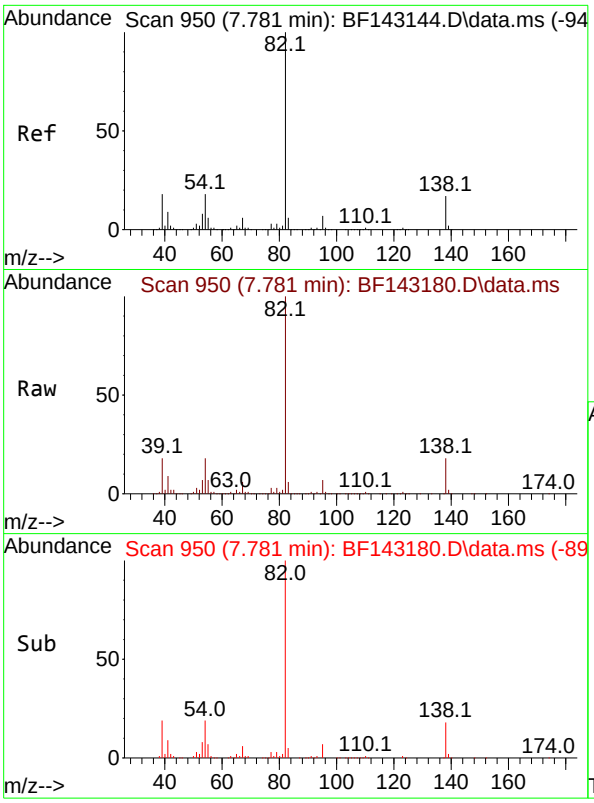




#24
Nitrobenzene
Concen: 43.571 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 393741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.0 | 36.1 | 54.1 |
| 65 | 14.4 | 11.4 | 17.2 |



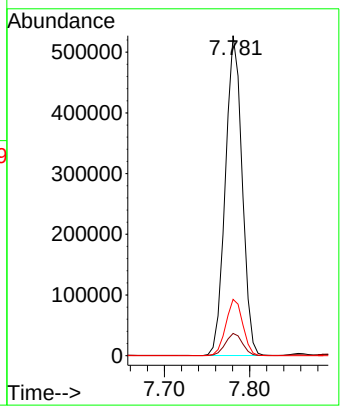


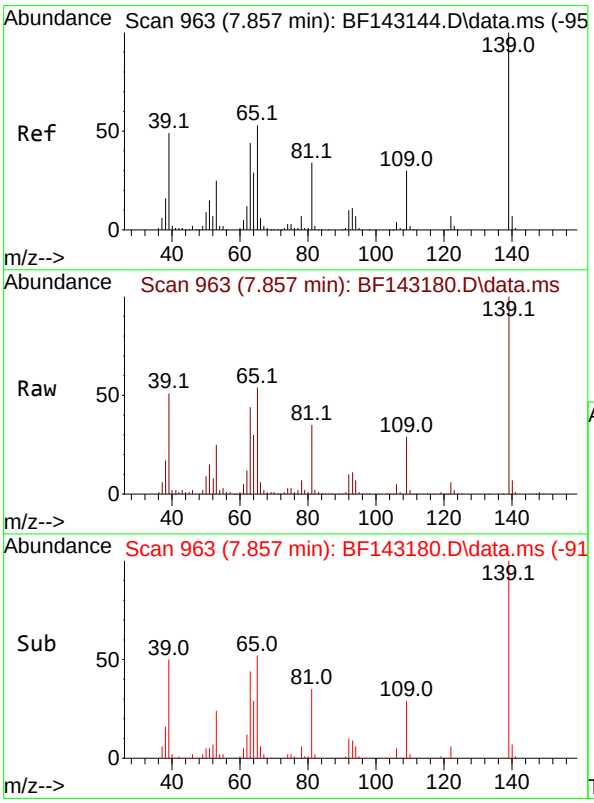

#25
Isophorone
Concen: 42.240 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 82 Resp: 722769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |

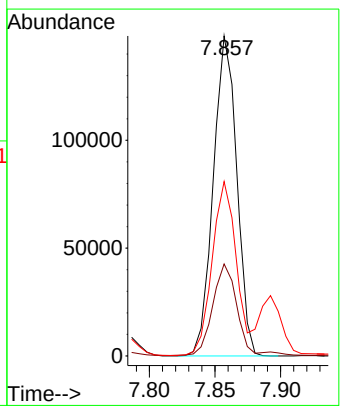


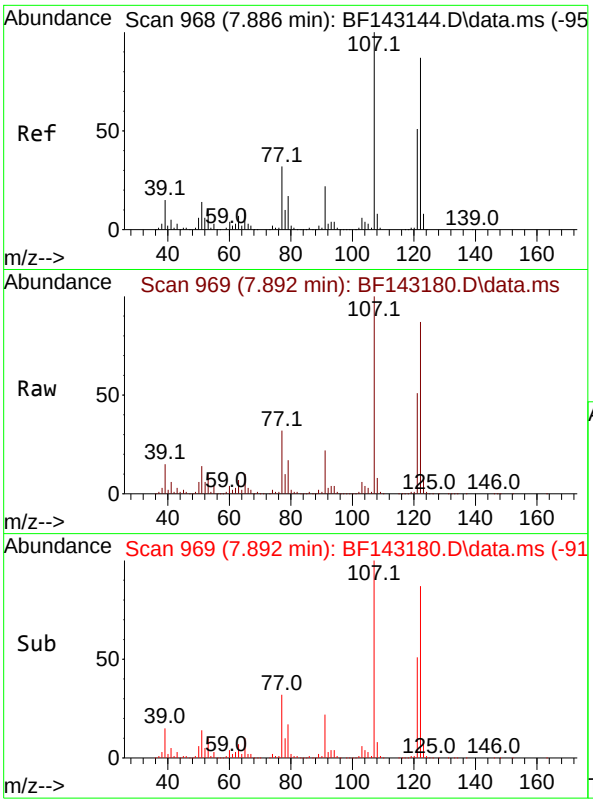




#26
2-Nitrophenol
Concen: 47.015 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 184391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.7 | 23.6 | 35.4 |
| 65 | 54.5 | 42.6 | 64.0 |



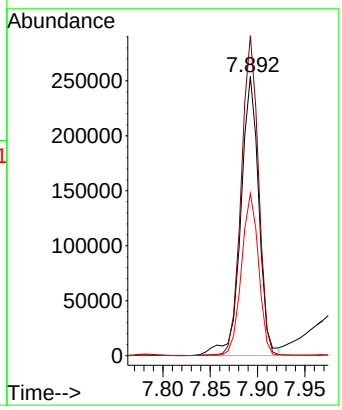


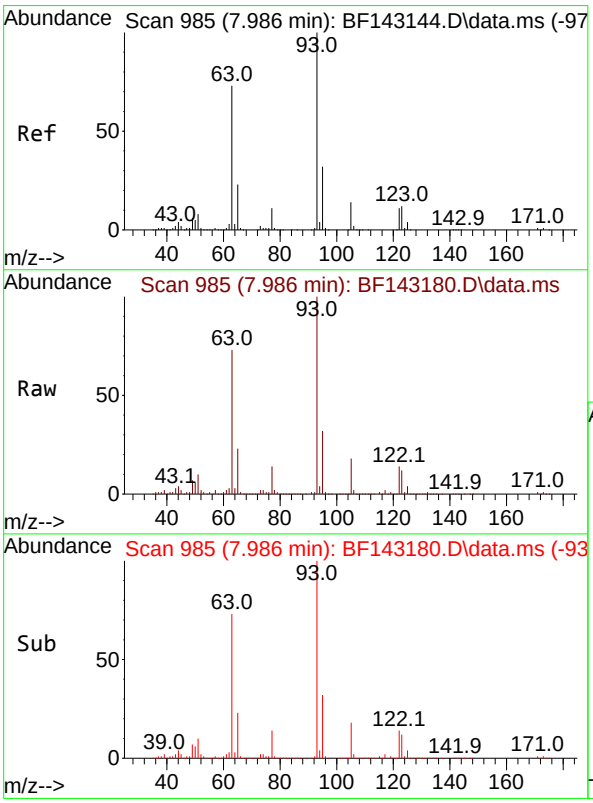

#27
2,4-Dimethylphenol
Concen: 42.048 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:122 Resp: 336155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.6 | 91.8 | 137.6 |
| 121 | 58.1 | 46.3 | 69.5 |

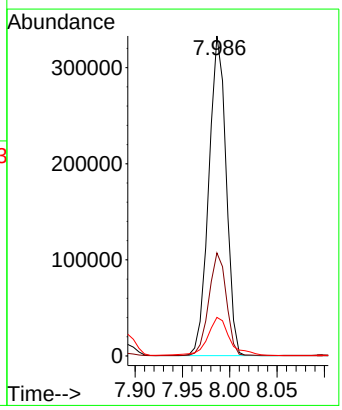


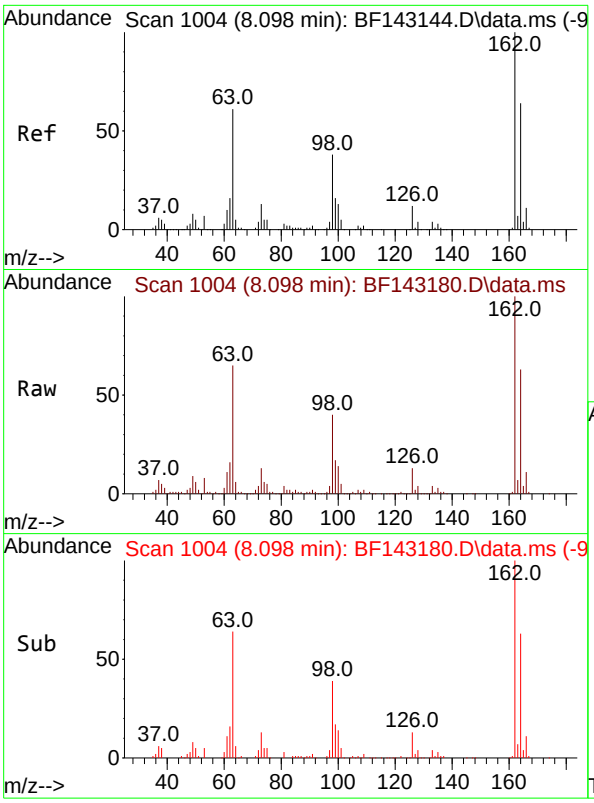




#28
bis(2-Chloroethoxy)methane
Concen: 41.383 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 424559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.8 | 38.6 |
| 123 | 12.0 | 9.7 | 14.5 |



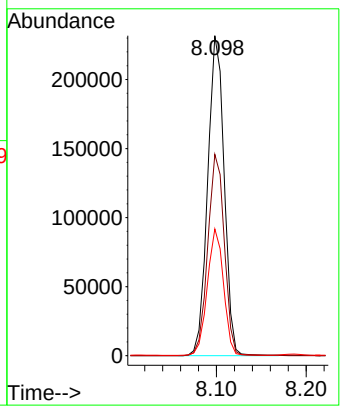


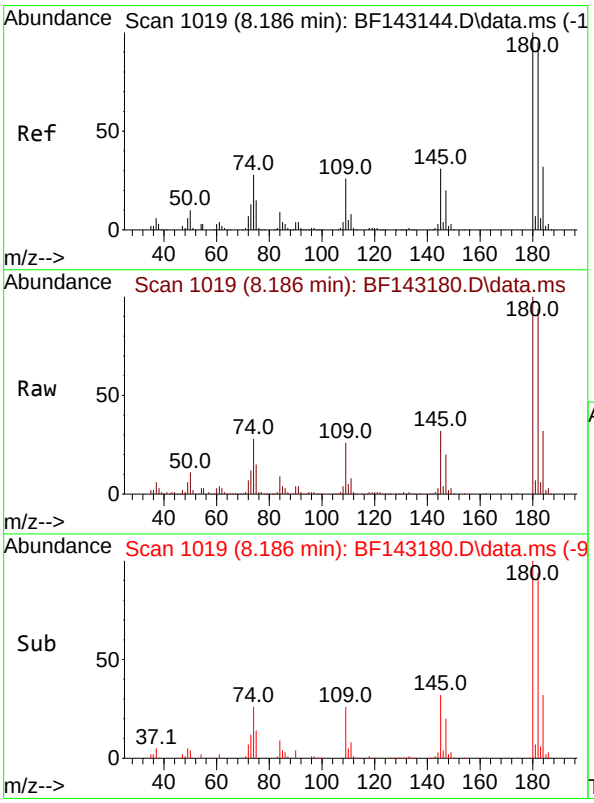

#29
2,4-Dichlorophenol
Concen: 43.850 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:162 Resp: 295634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 44.2 | 84.2 |
| 98 | 39.6 | 17.9 | 57.9 |

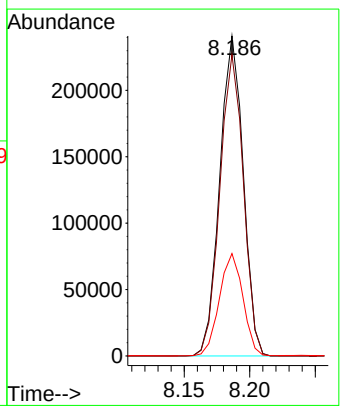


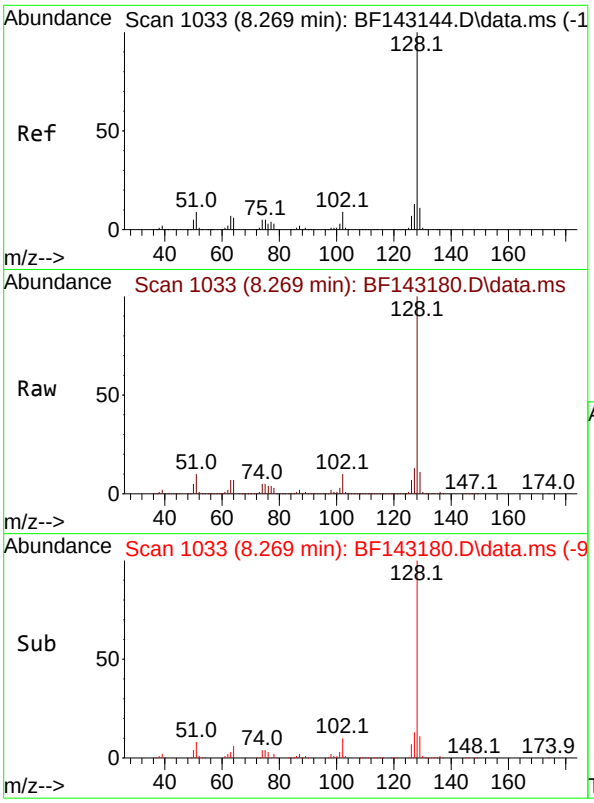




#30
1,2,4-Trichlorobenzene
Concen: 41.233 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:180 Resp: 300326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 32.0 | 25.0 | 37.6 |



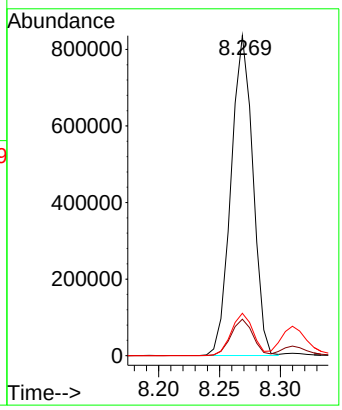


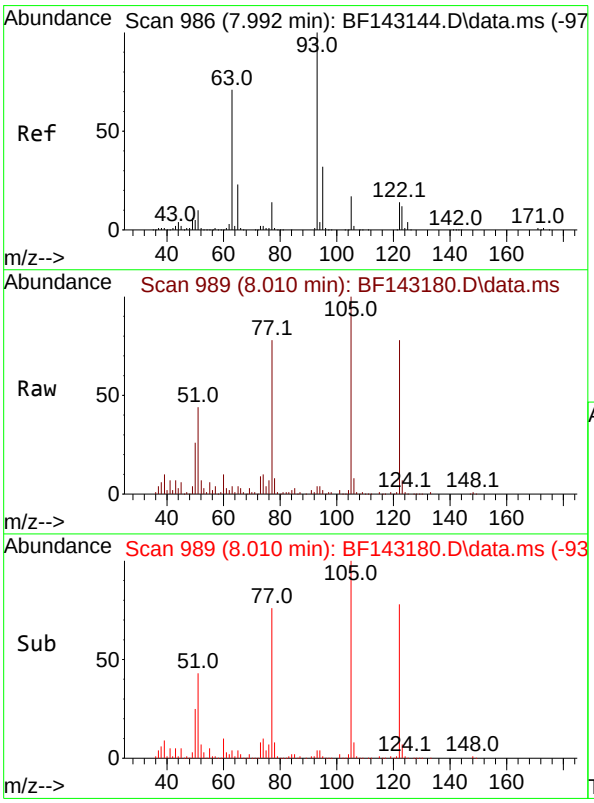

#31
Naphthalene
Concen: 43.865 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:128 Resp: 1043768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.3 | 10.6 | 16.0 |

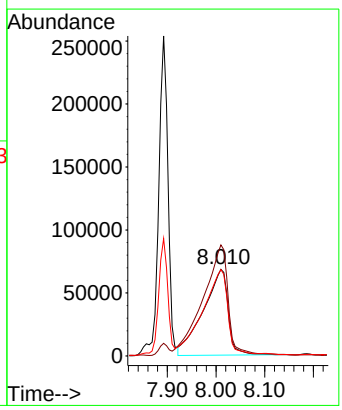


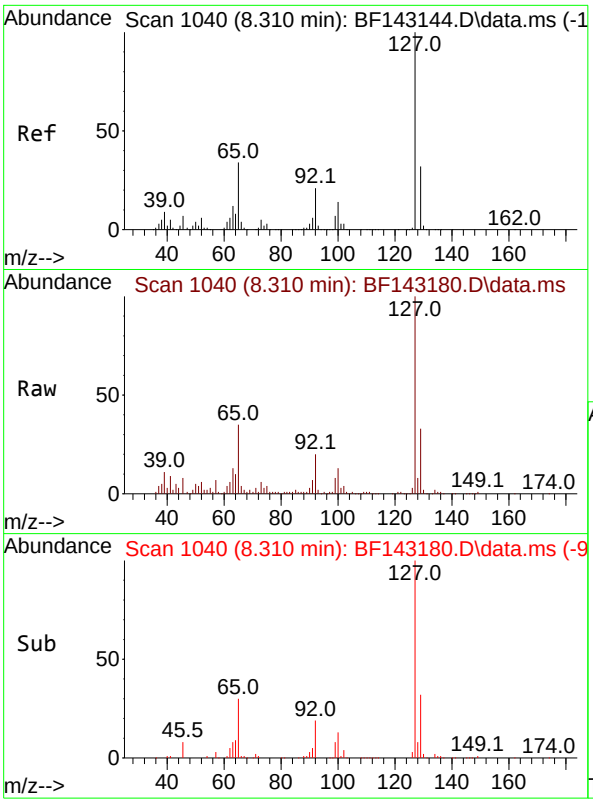




#32
Benzoic acid
Concen: 53.176 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:122 Resp: 242290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.2 | 104.8 | 144.8 |
| 77 | 99.9 | 77.6 | 117.6 |



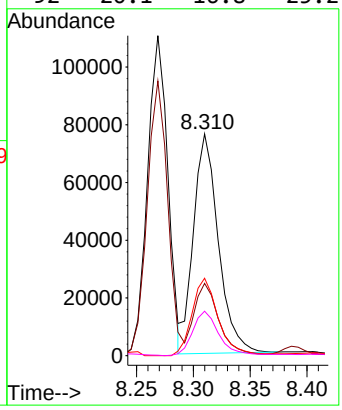


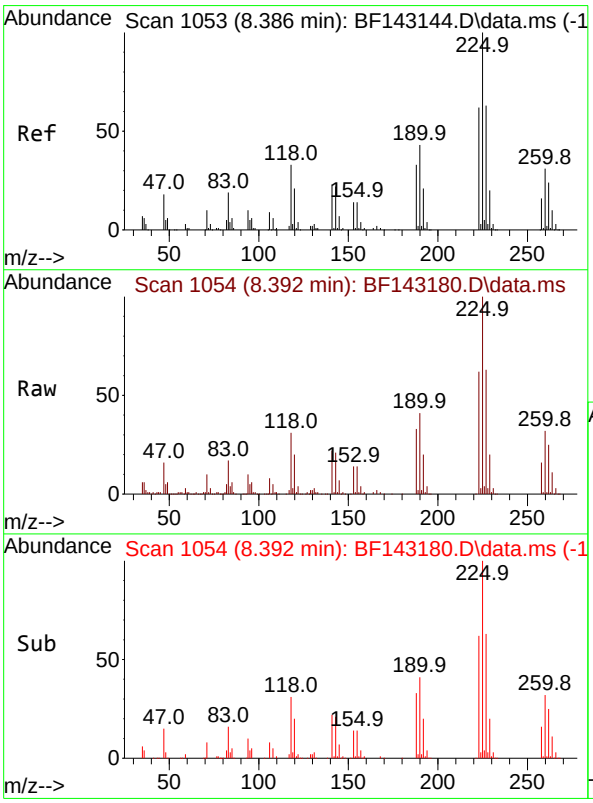

#33
4-Chloroaniline
Concen: 11.929 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:127 Resp: 115901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 20.1 | 16.8 | 25.2 |

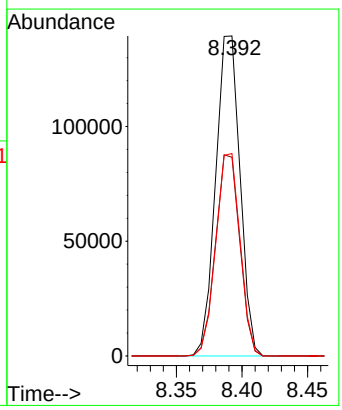


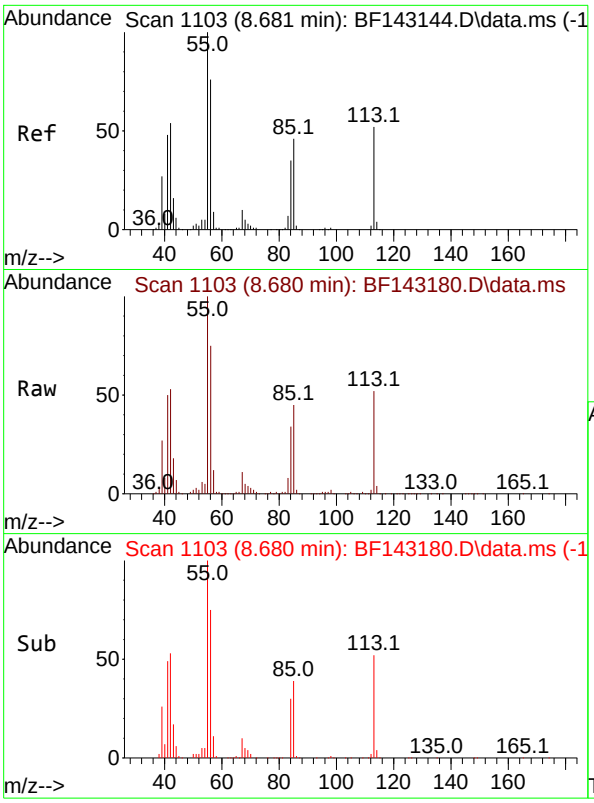




#34
Hexachlorobutadiene
Concen: 40.506 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:225 Resp: 180230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 49.8 | 74.6 |
| 227 | 63.3 | 50.2 | 75.4 |



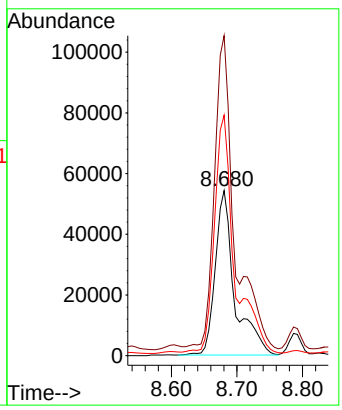


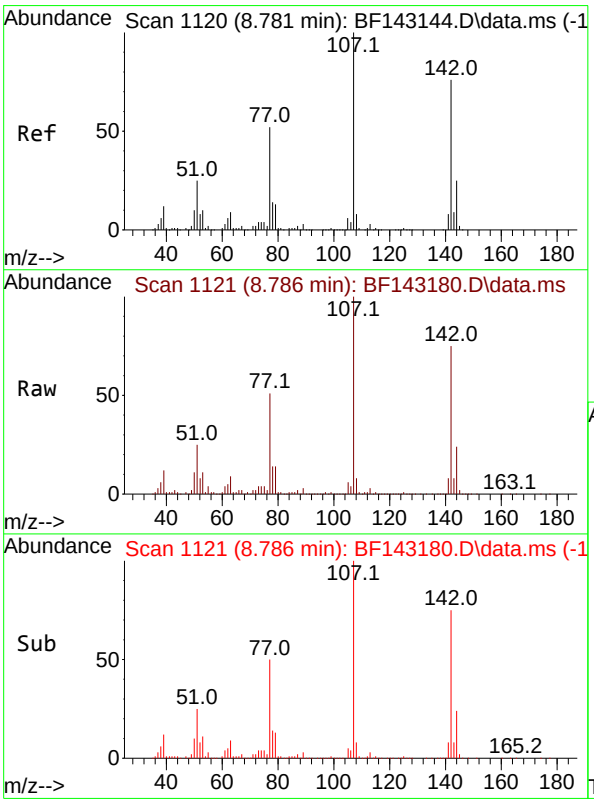

#35
Caprolactam
Concen: 54.796 ng
RT: 8.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:113 Resp: 111637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.9 | 174.0 | 214.0 |
| 56 | 145.7 | 126.6 | 166.6 |

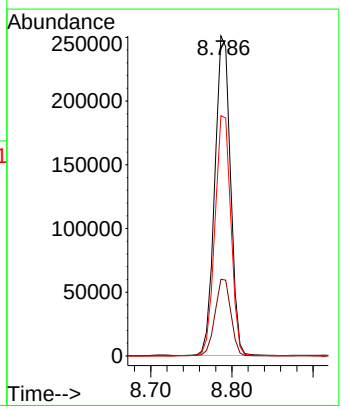


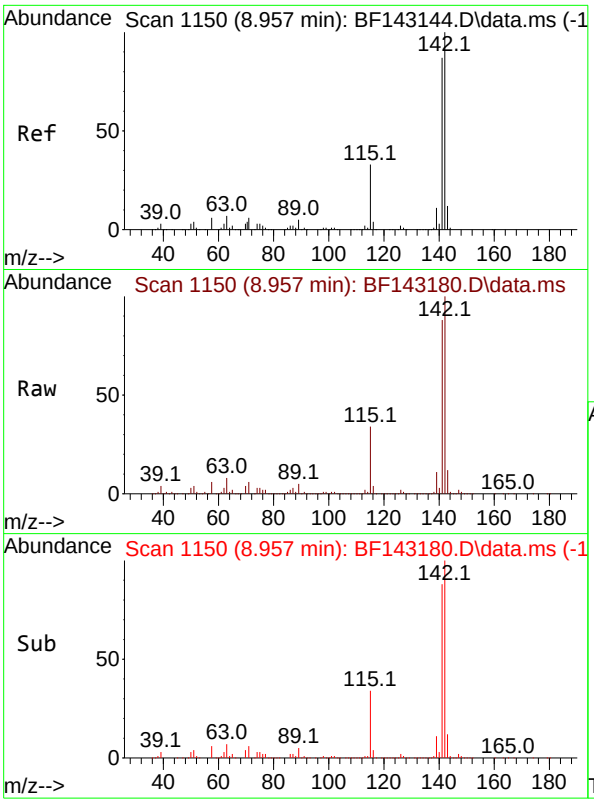




#36
4-Chloro-3-methylphenol
Concen: 46.079 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:107 Resp: 337664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 19.8 | 29.6 |
| 142 | 75.1 | 60.6 | 90.8 |



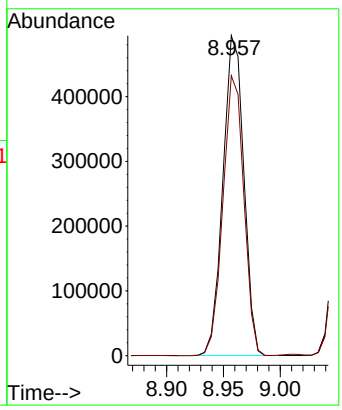


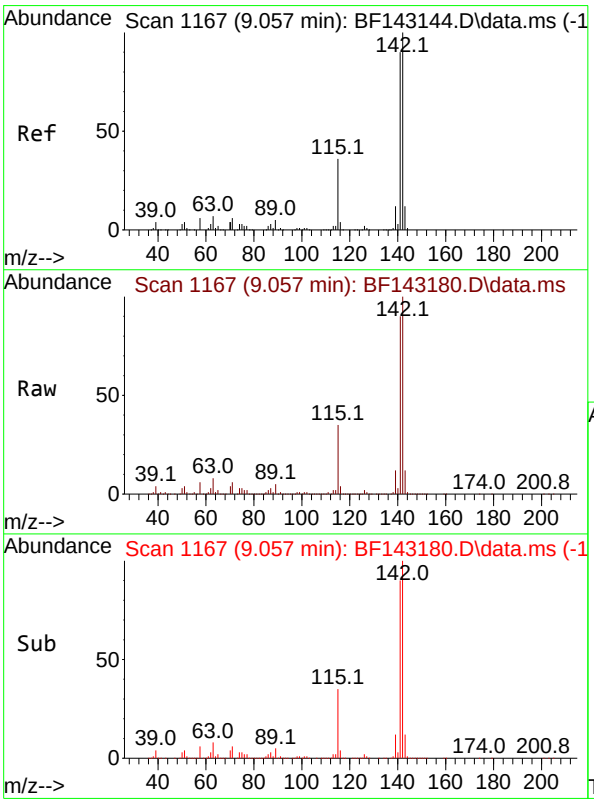

#37
2-Methylnaphthalene
Concen: 43.689 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:142 Resp: 632605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 69.9 | 104.9 |

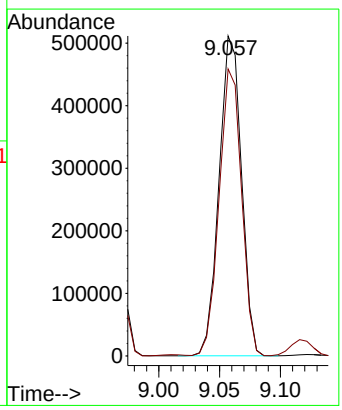


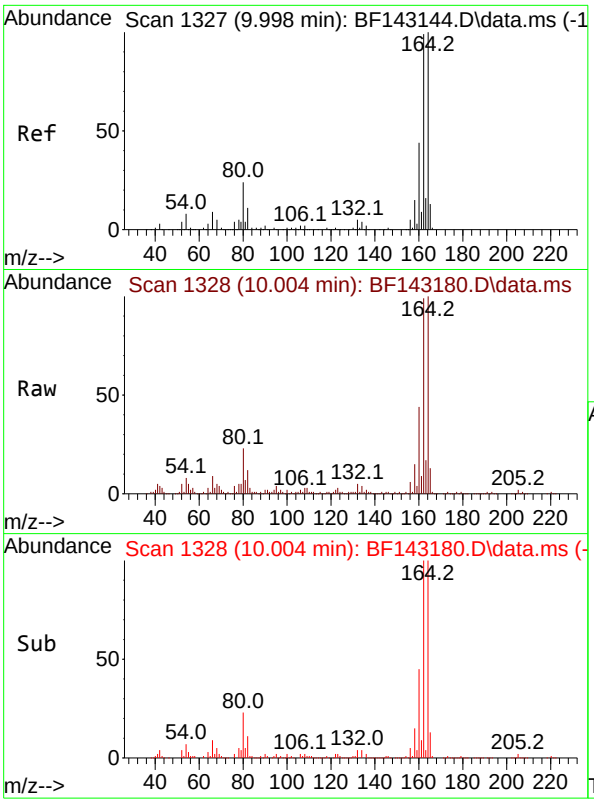




#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 654760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 72.3 | 108.5 |



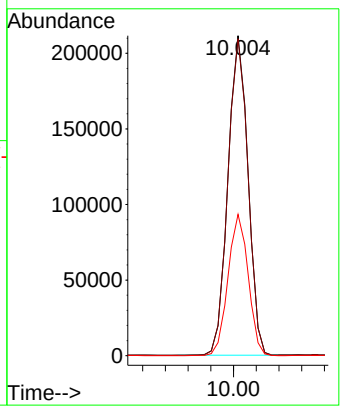


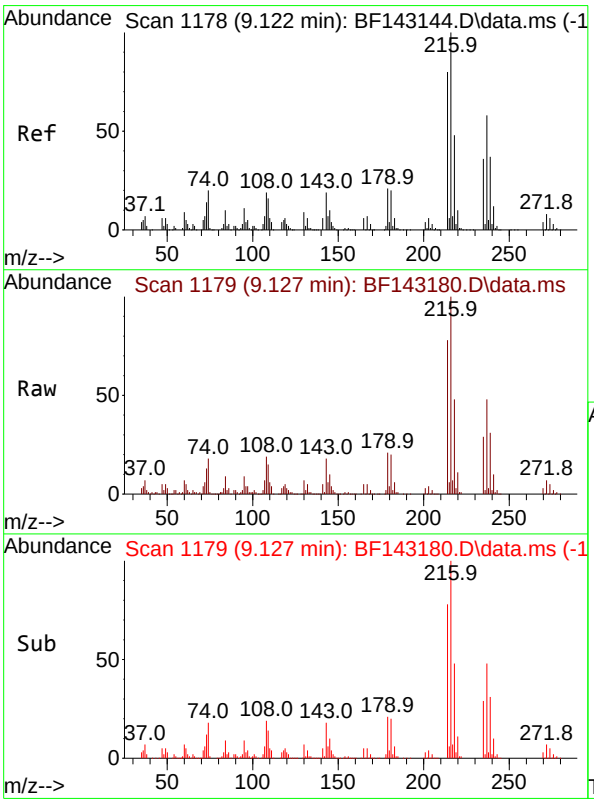

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:164 Resp: 258898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 79.0 | 118.6 |
| 160 | 44.2 | 35.1 | 52.7 |

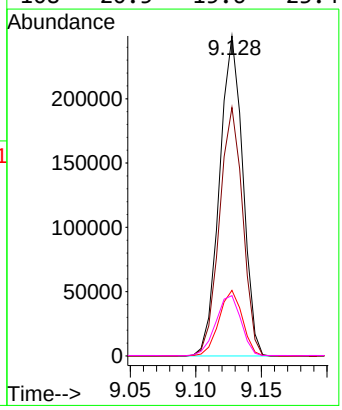


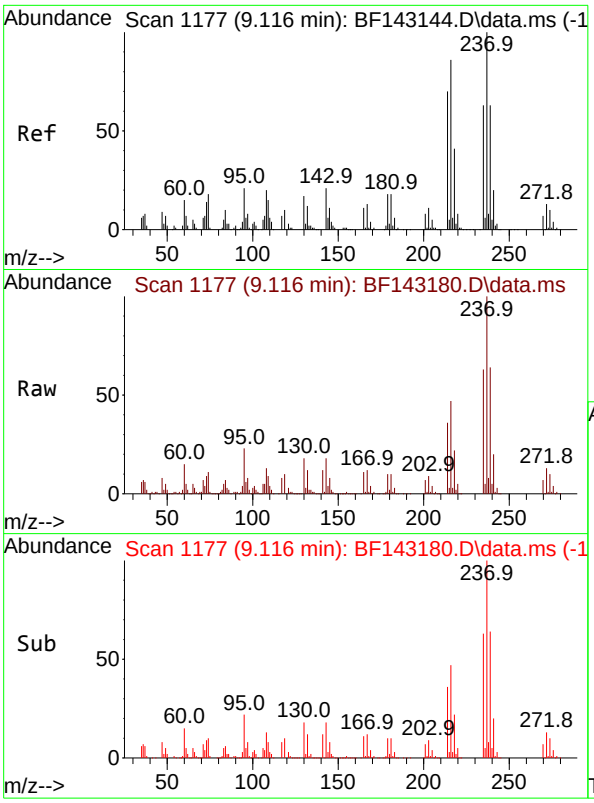




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.101 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:216 Resp: 307216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.5 | 63.8 | 95.8 |
| 179 | 20.6 | 16.4 | 24.6 |
| 108 | 20.5 | 15.6 | 23.4 |



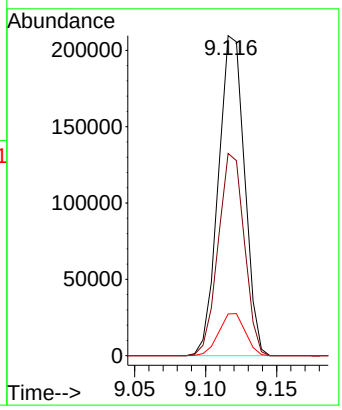


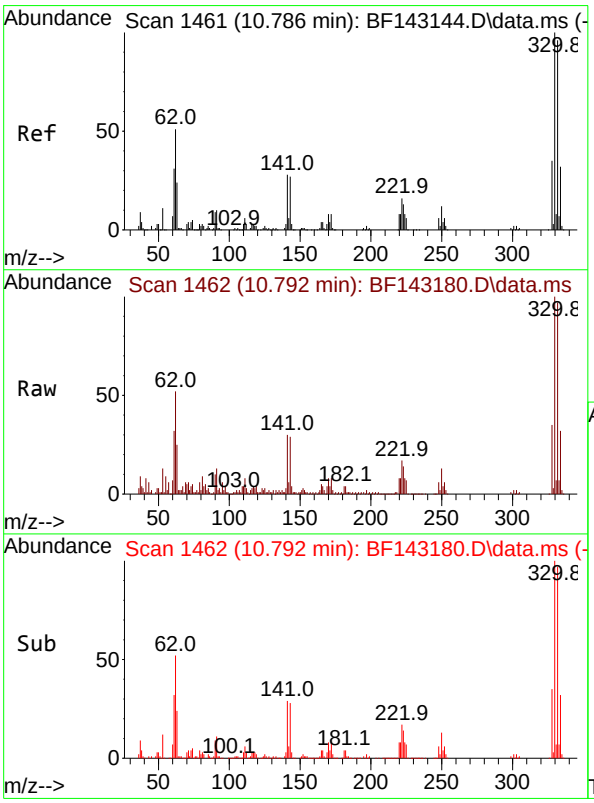

#41
Hexachlorocyclopentadiene
Concen: 55.342 ng
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:237 Resp: 269158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 43.0 | 83.0 |
| 272 | 13.1 | 0.0 | 33.3 |

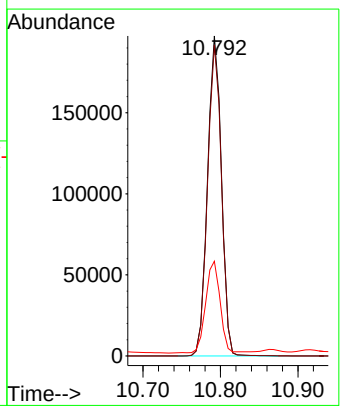


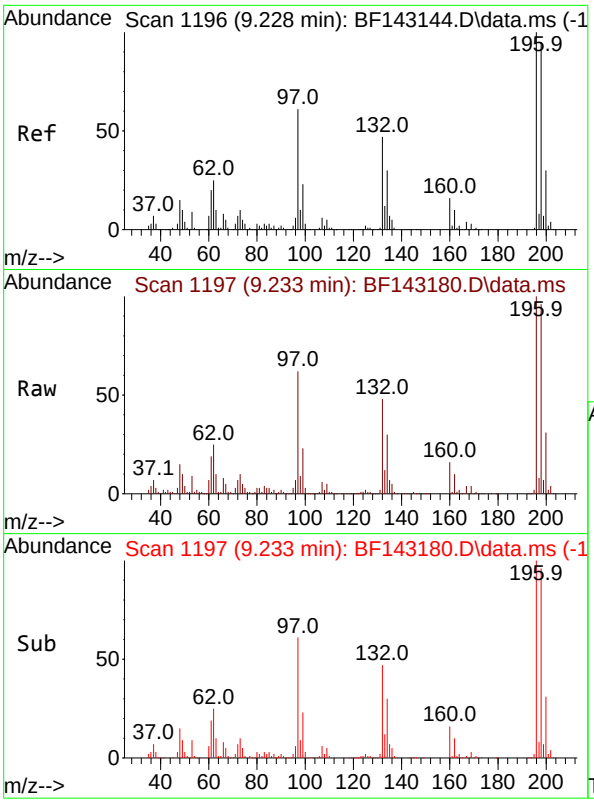




#42
2,4,6-Tribromophenol
Concen: 91.952 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:330 Resp: 245931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 76.7 | 115.1 |
| 141 | 29.7 | 23.3 | 34.9 |



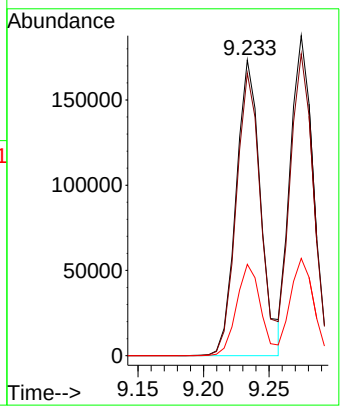


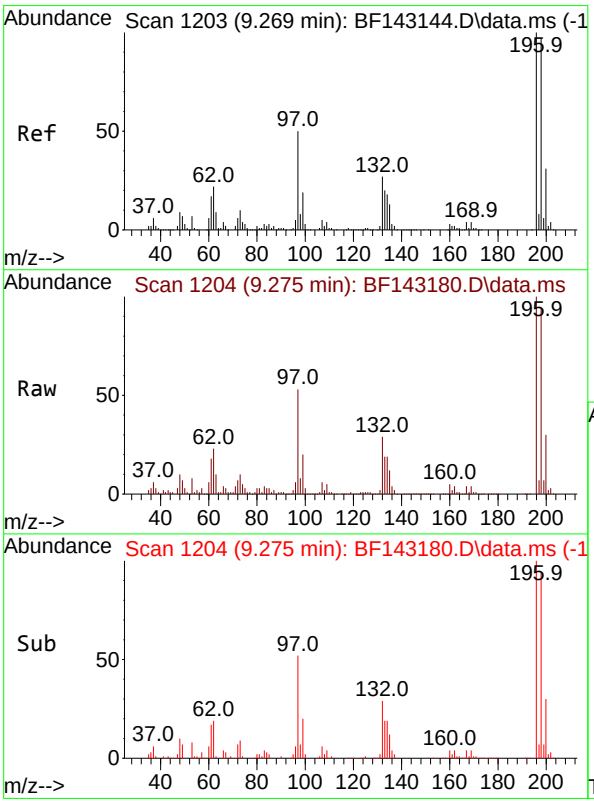

#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:196 Resp: 225706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.2 | 114.2 |
| 200 | 30.9 | 23.9 | 35.9 |

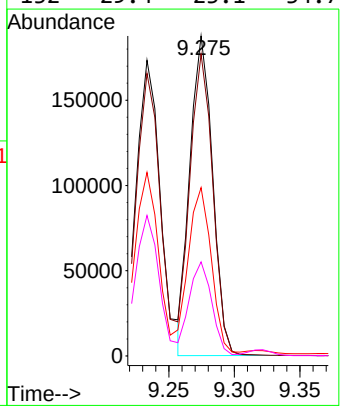


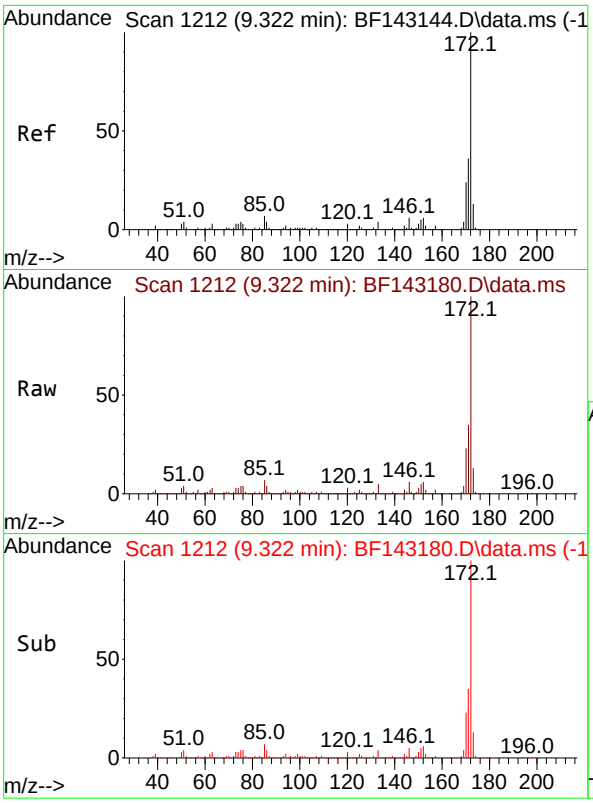




#44
2,4,5-Trichlorophenol
Concen: 43.678 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:196 Resp: 226021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.3 | 77.3 | 115.9 |
| 97 | 52.6 | 40.3 | 60.5 |
| 132 | 29.4 | 23.1 | 34.7 |



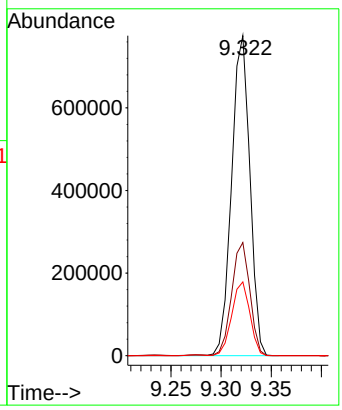


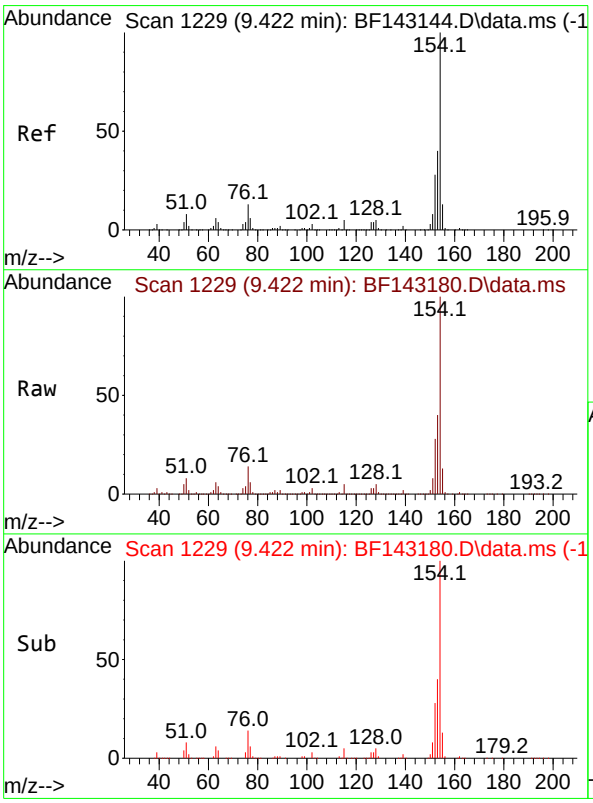

#45
2-Fluorobiphenyl
Concen: 51.991 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:172 Resp: 984221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.6 | 42.8 |
| 170 | 23.0 | 18.8 | 28.2 |

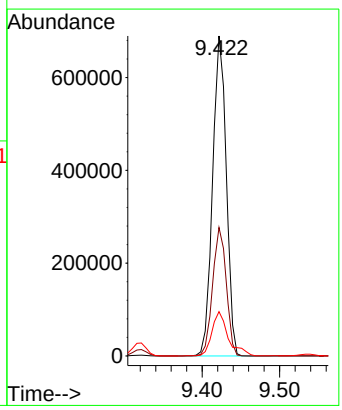


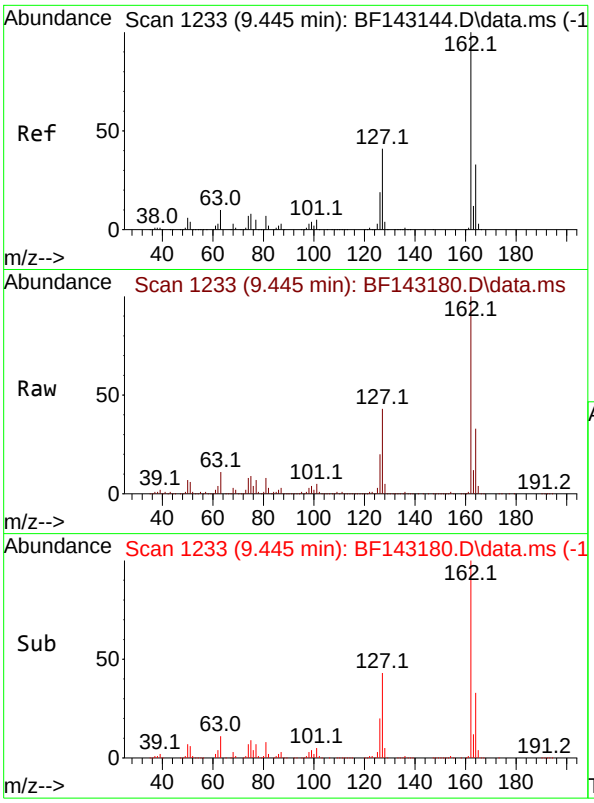




#46
1,1'-Biphenyl
Concen: 41.871 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 845751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.9 | 0.0 | 33.3 |



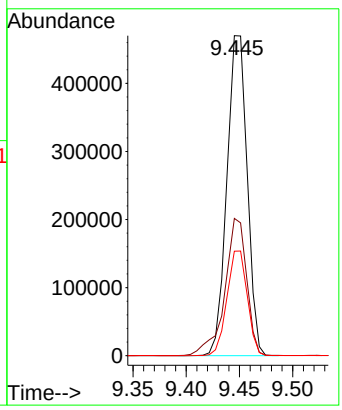


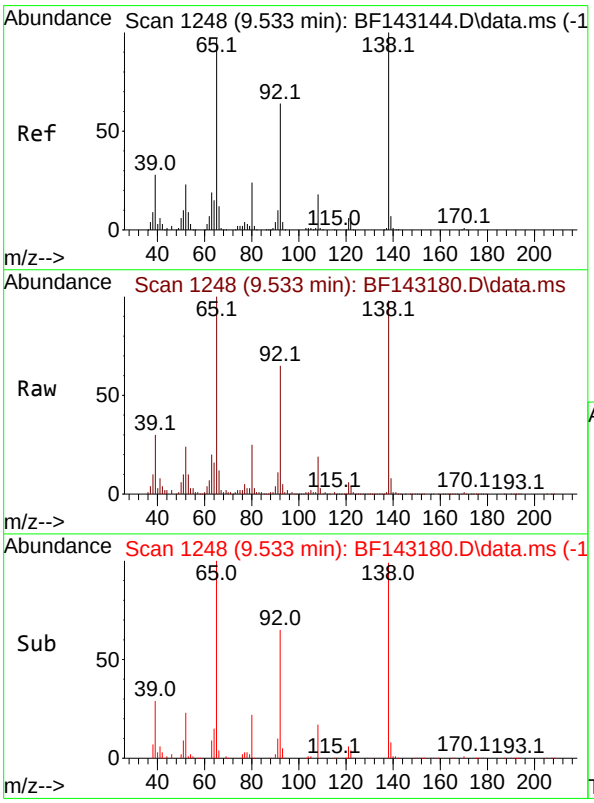

#47
2-Chloronaphthalene
Concen: 41.652 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:162 Resp: 622529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.9 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |

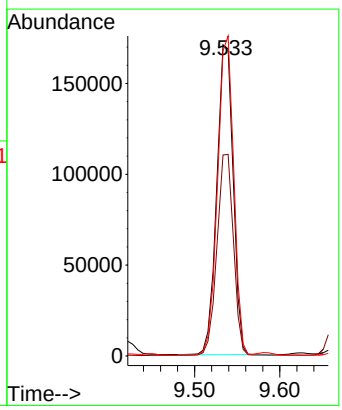


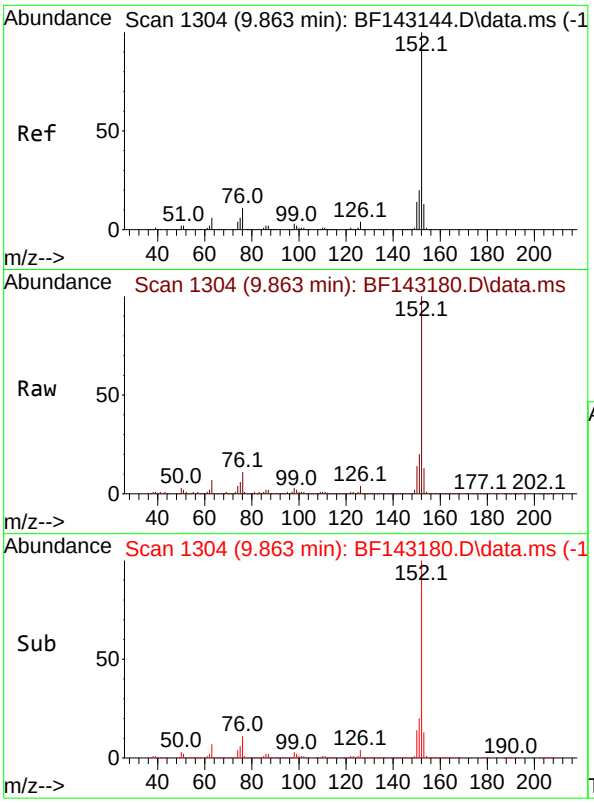




#48
2-Nitroaniline
Concen: 48.685 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 65 Resp: 228188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.6 | 52.4 | 78.6 |
| 138 | 98.0 | 82.3 | 123.5 |



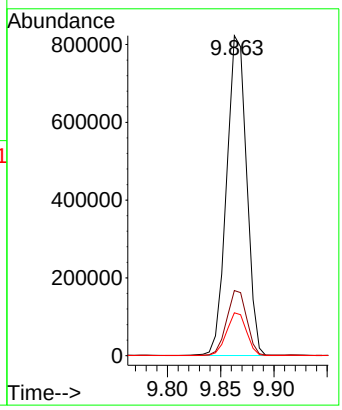


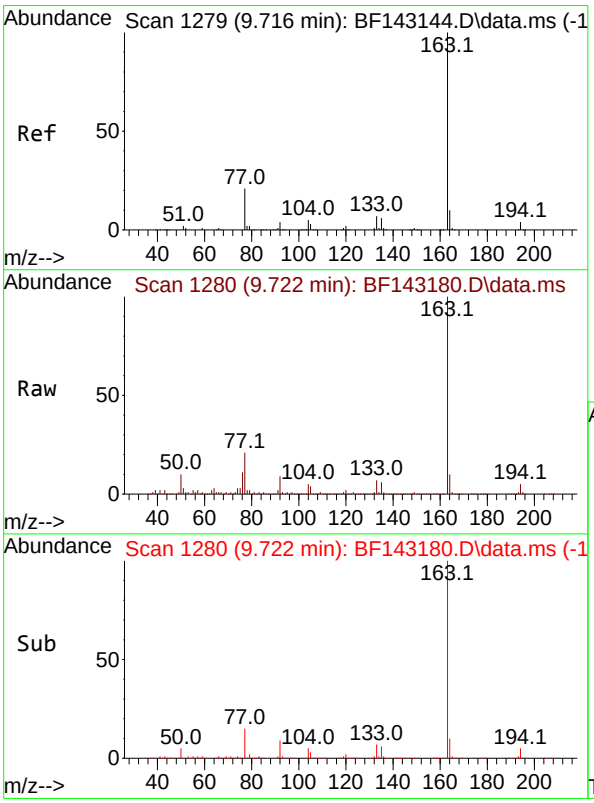

#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:152 Resp: 1074389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 16.0 |

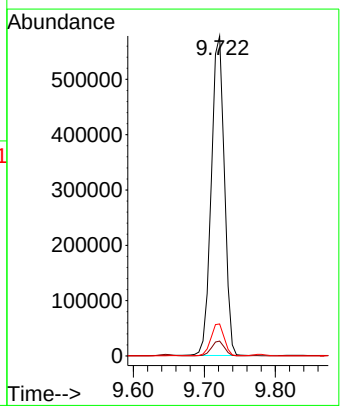


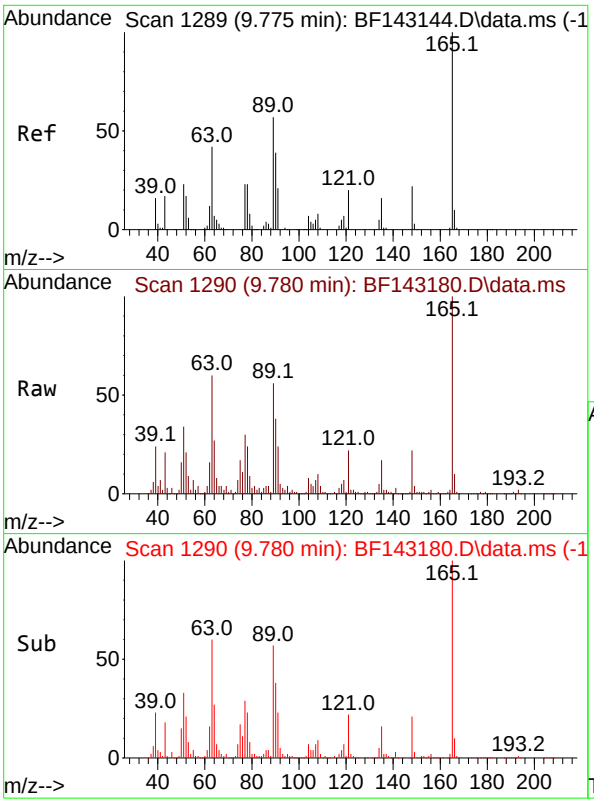




#50
Dimethylphthalate
Concen: 43.820 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:163 Resp: 739486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.4 | 5.2 |
| 164 | 10.0 | 8.3 | 12.5 |



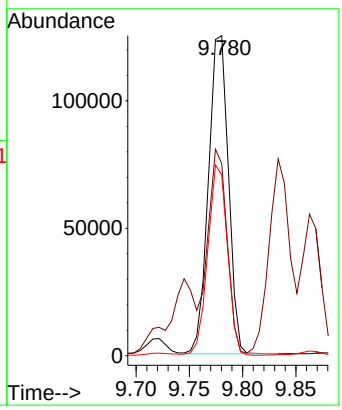


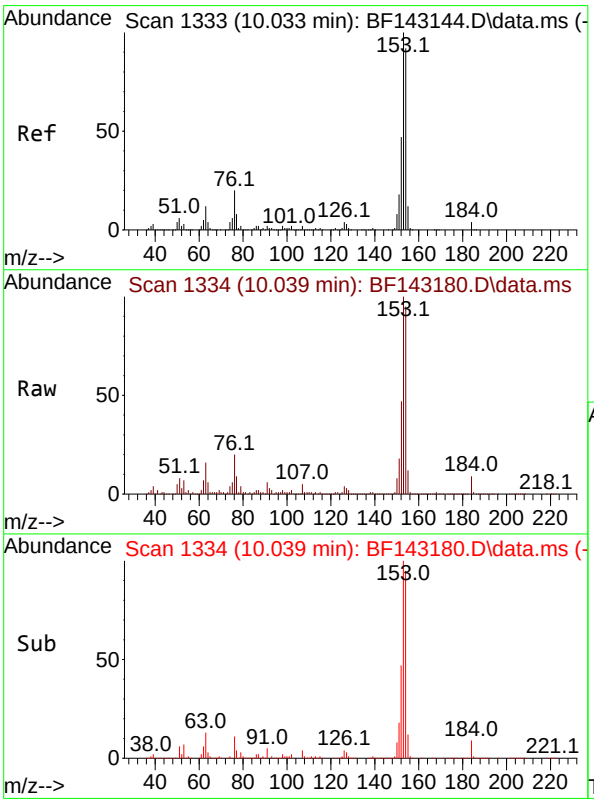

#51
2,6-Dinitrotoluene
Concen: 47.374 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:165 Resp: 162636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.0 | 49.4 | 74.2 |
| 89 | 56.5 | 46.2 | 69.2 |

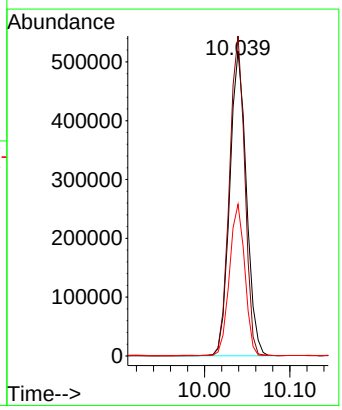


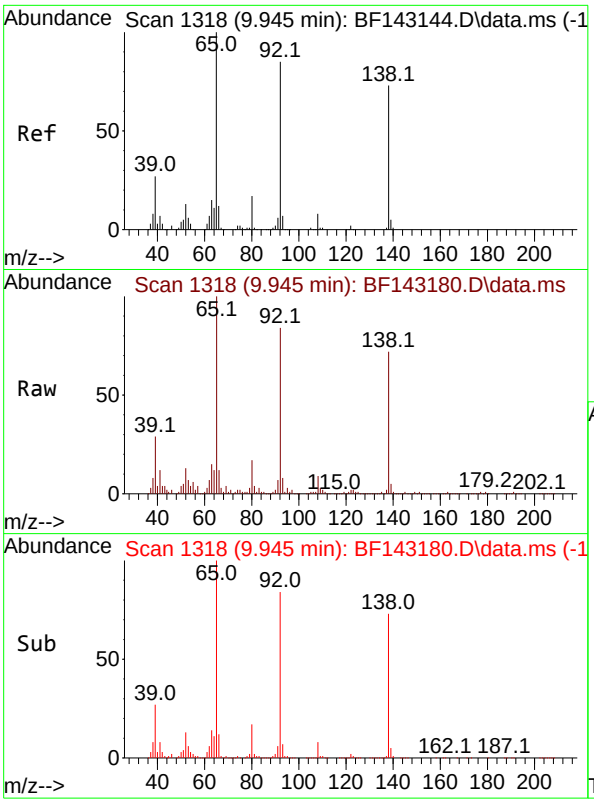




#52
Acenaphthene
Concen: 47.447 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 702409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.0 | 86.6 | 129.8 |
| 152 | 49.7 | 40.4 | 60.6 |



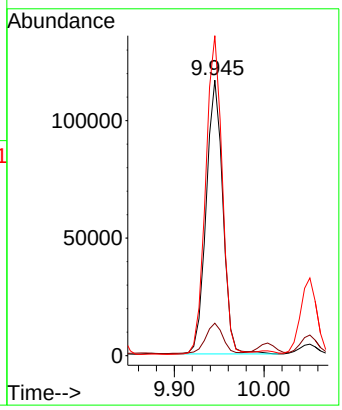


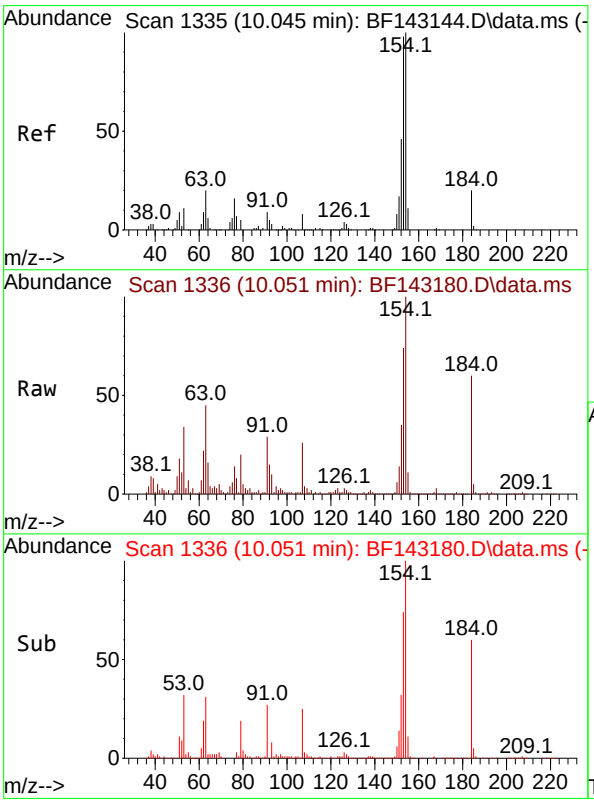

#53
3-Nitroaniline
Concen: 37.411 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:138 Resp: 150223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.8 | 9.0 | 13.6 |
| 92 | 116.1 | 93.0 | 139.4 |

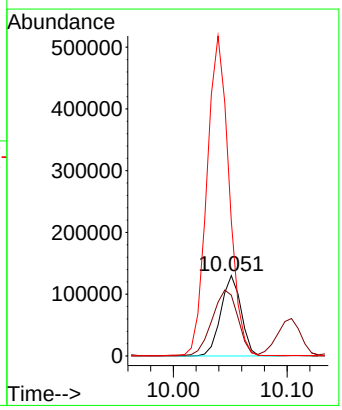


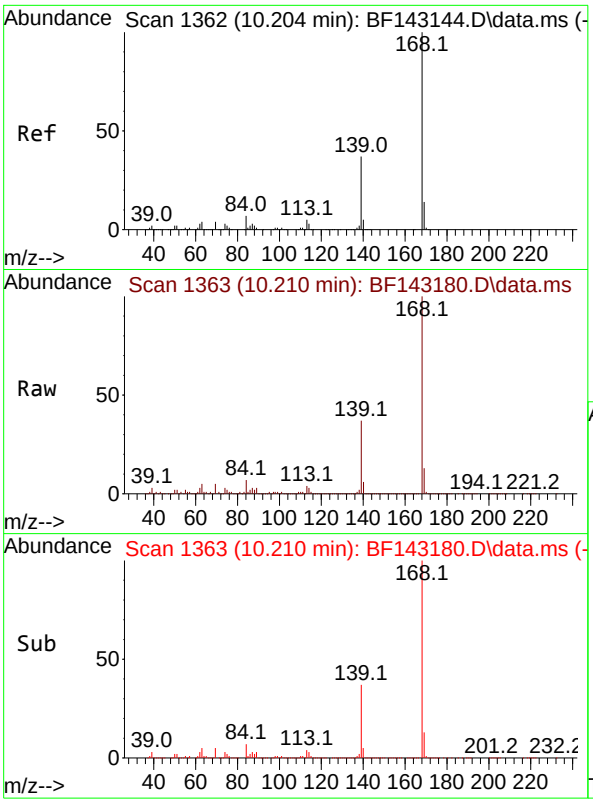




#54
2,4-Dinitrophenol
Concen: 101.891 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:184 Resp: 161630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 75.6 | 81.8 | 122.6# |
| 154 | 167.8 | 412.2 | 618.4# |



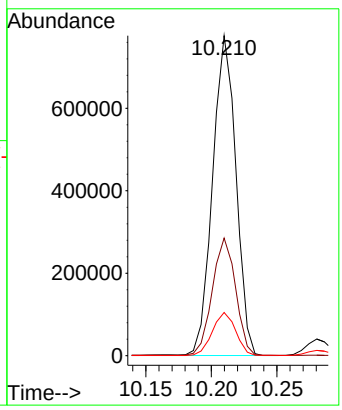


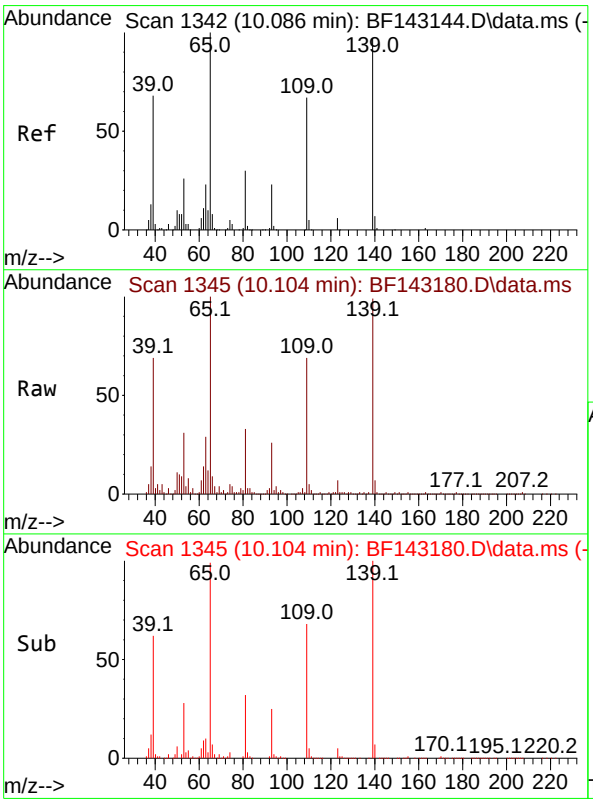

#55
Dibenzofuran
Concen: 43.628 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:168 Resp: 958909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.5 | 44.3 |
| 169 | 13.5 | 10.9 | 16.3 |

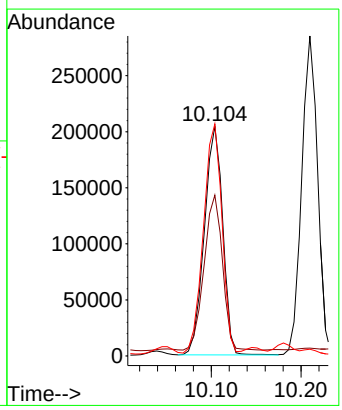


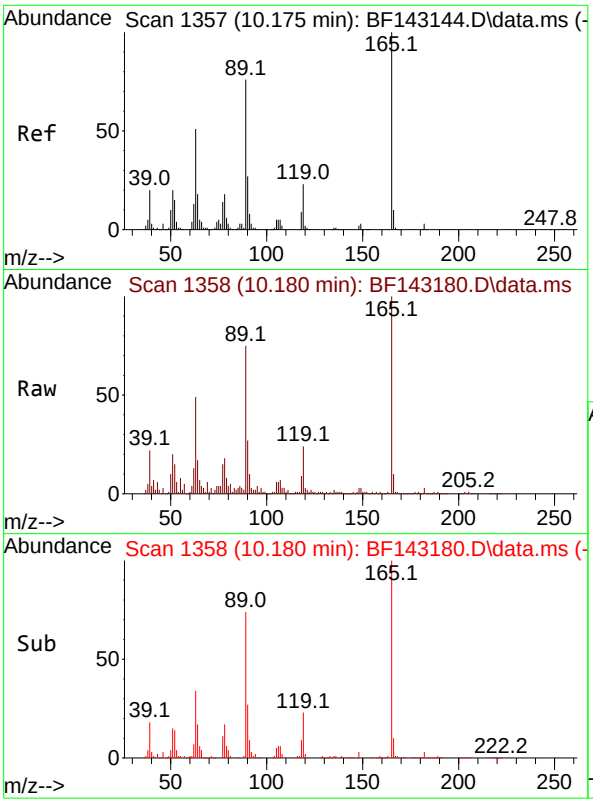




#56
4-Nitrophenol
Concen: 96.784 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 290208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.0 | 48.5 | 88.5 |
| 65 | 101.0 | 83.4 | 123.4 |



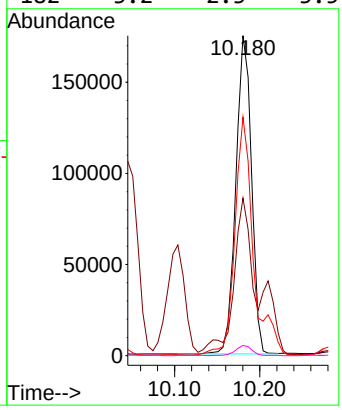


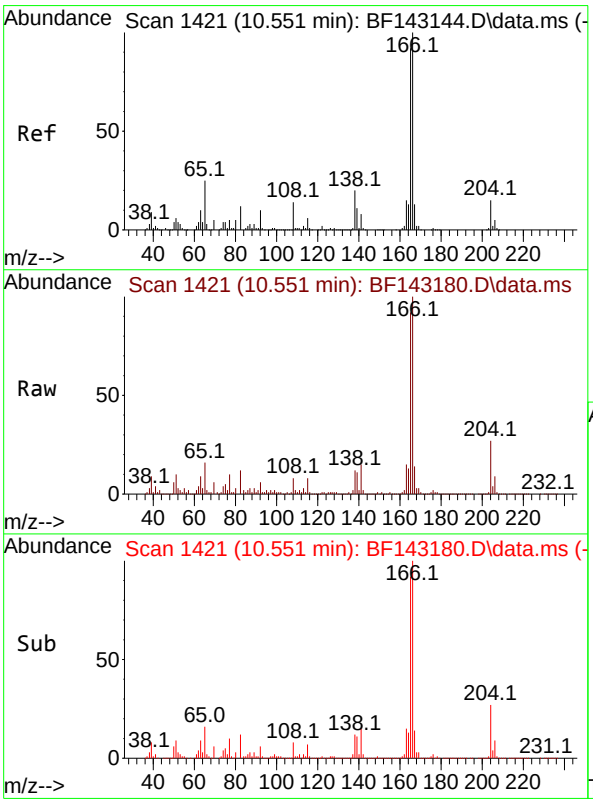

#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:165 Resp: 222639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.3 | 41.0 | 61.4 |
| 89 | 74.5 | 61.1 | 91.7 |
| 182 | 3.2 | 2.3 | 3.5 |

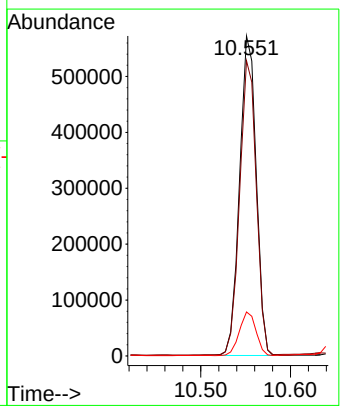


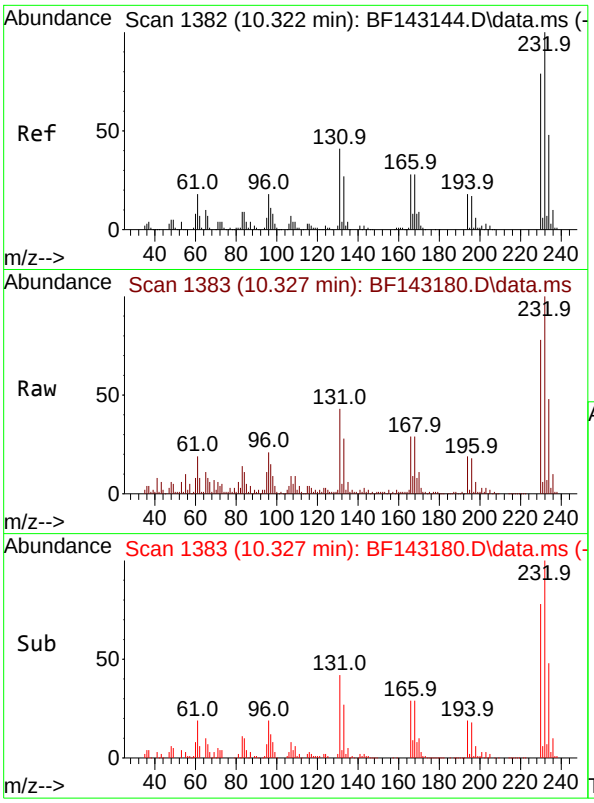




#58
Fluorene
Concen: 44.574 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:166 Resp: 735293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 92.3 | 73.7 | 110.5 |
| 167 | 13.7 | 10.6 | 16.0 |



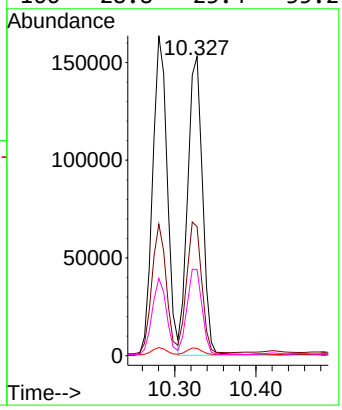


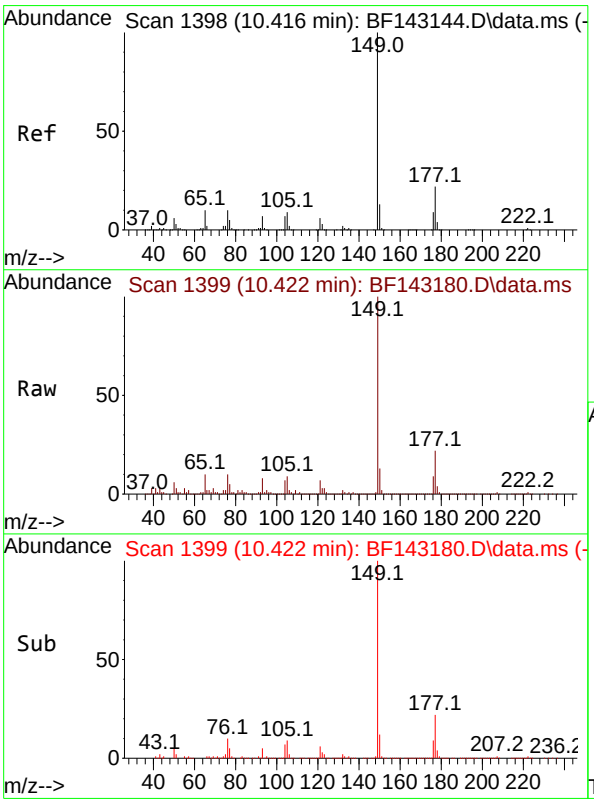

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:232 Resp: 194167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.7 | 35.3 | 52.9 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 28.8 | 23.4 | 35.2 |

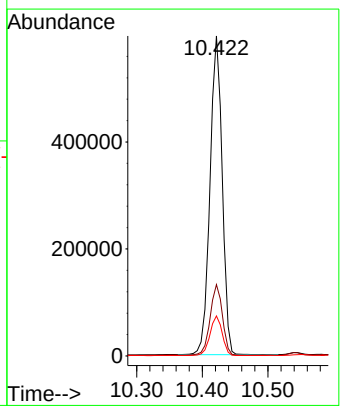


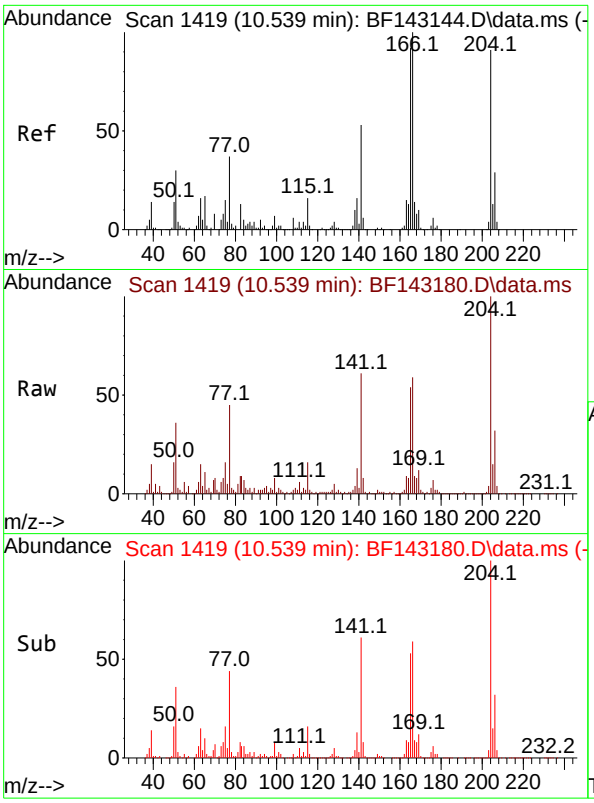




#60
Diethylphthalate
Concen: 46.169 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 770106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 17.5 | 26.3 |
| 150 | 12.5 | 10.2 | 15.2 |



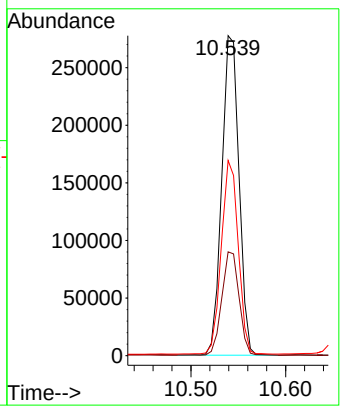


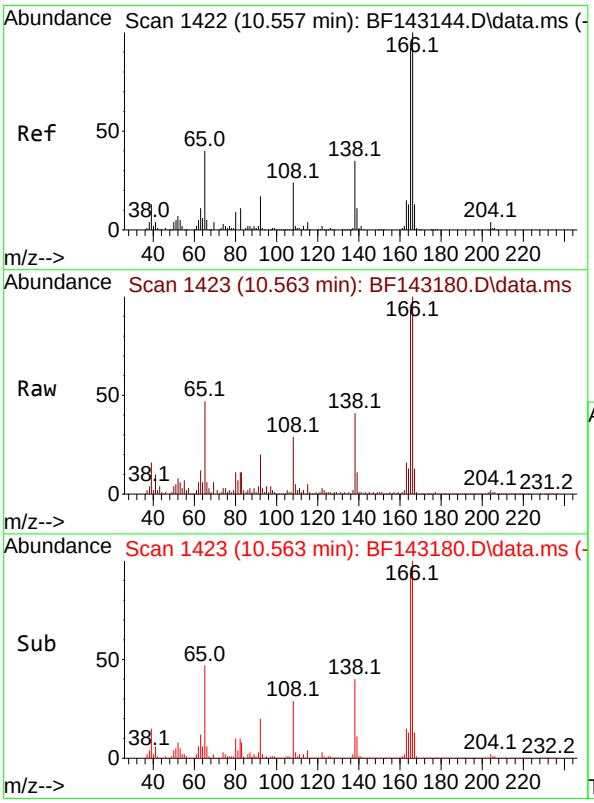

#61
4-Chlorophenyl-phenylether
Concen: 42.644 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:204 Resp: 350275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 25.8 | 38.8 |
| 141 | 61.0 | 47.0 | 70.4 |

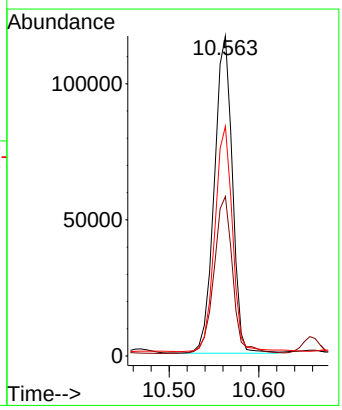


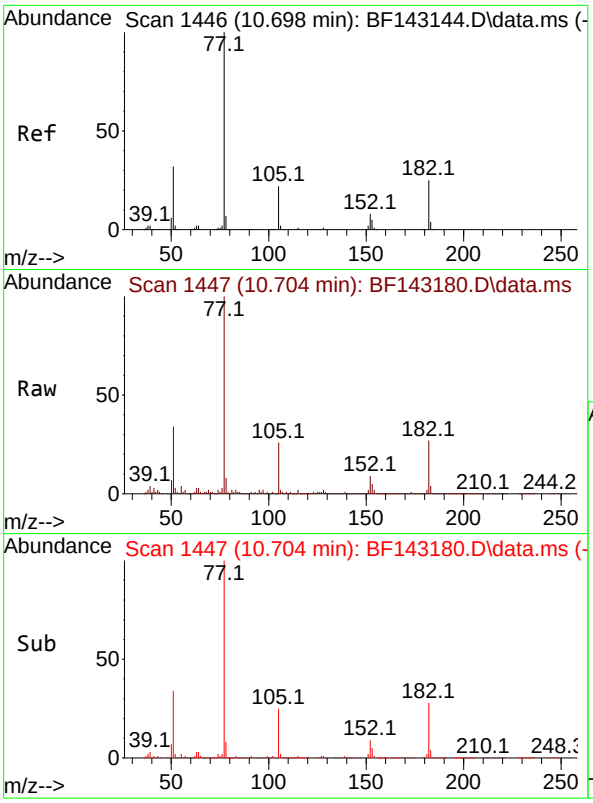




#62
4-Nitroaniline
Concen: 47.227 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:138 Resp: 162531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.9 | 29.3 | 69.3 |
| 108 | 71.8 | 48.3 | 88.3 |



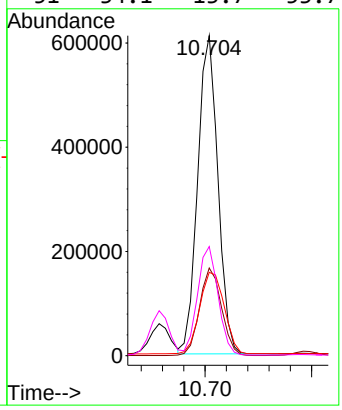


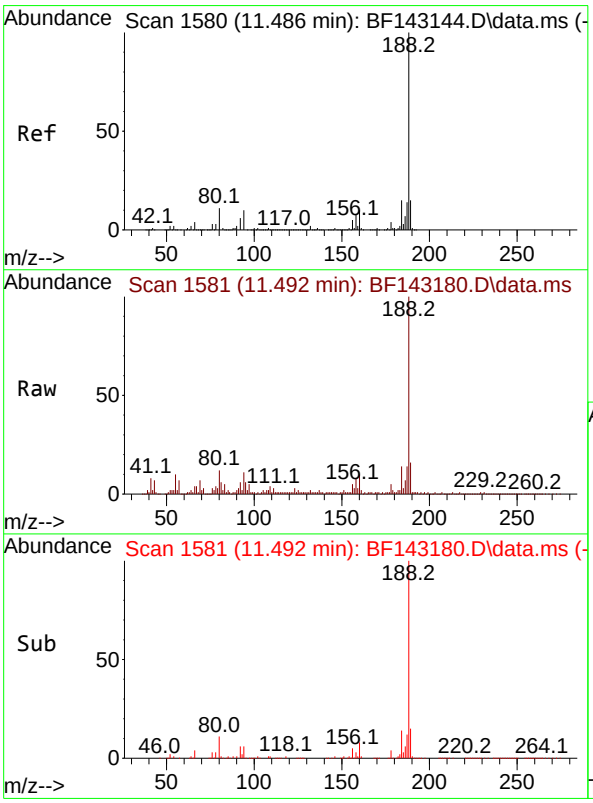

#63
Azobenzene
Concen: 46.418 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion: 77 Resp: 806940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.4 | 4.6 | 44.6 |
| 105 | 26.0 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |

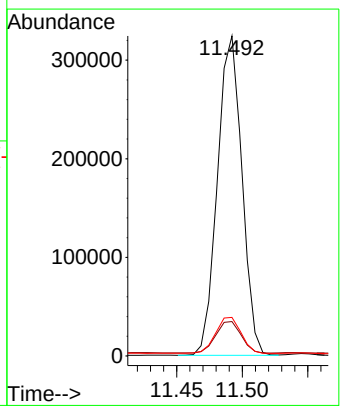


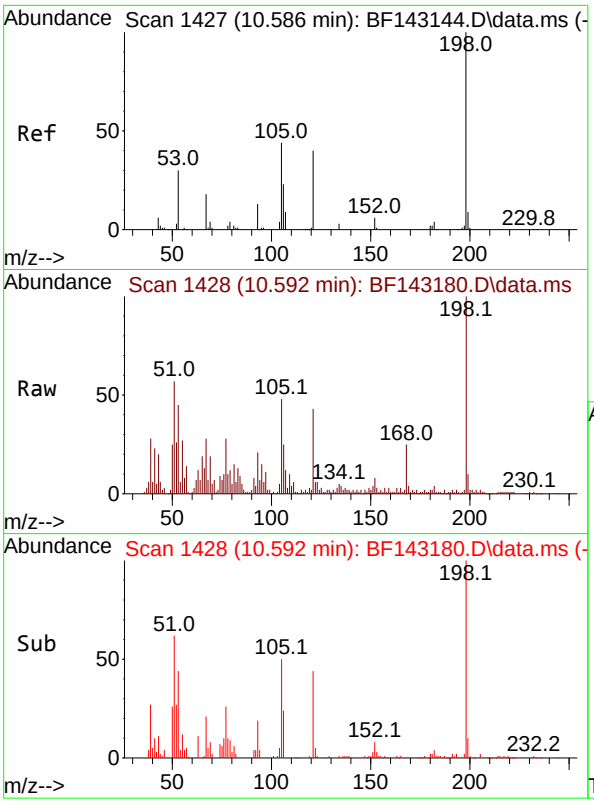




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:188 Resp: 420723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.3 | 12.5 |
| 80 | 12.1 | 9.0 | 13.6 |



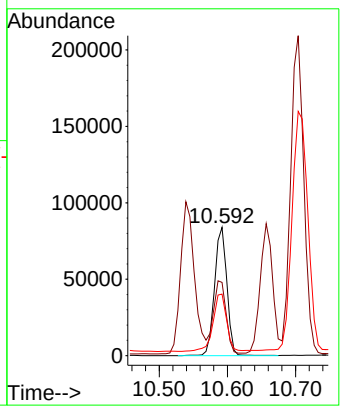


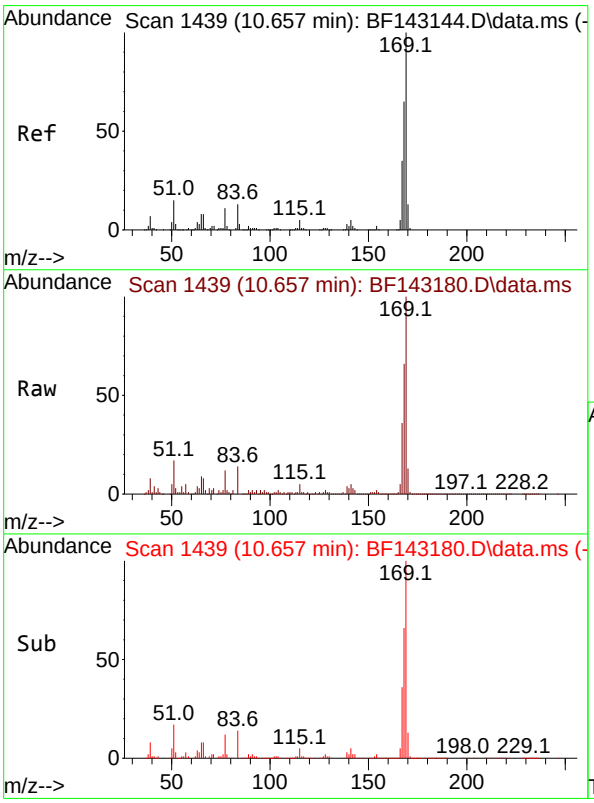

#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:198 Resp: 106177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 57.2 | 37.2 | 77.2 |
| 105 | 48.1 | 24.8 | 64.8 |

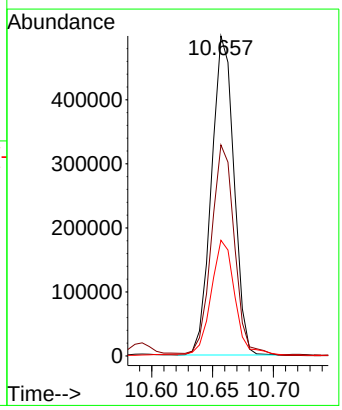


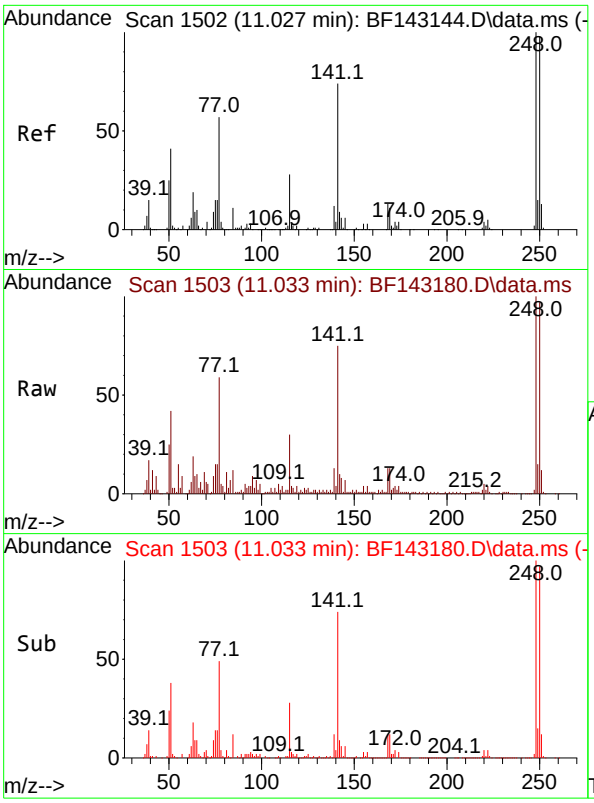




#66
n-Nitrosodiphenylamine
Concen: 43.218 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:169 Resp: 640269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 52.1 | 78.1 |
| 167 | 36.2 | 28.2 | 42.2 |



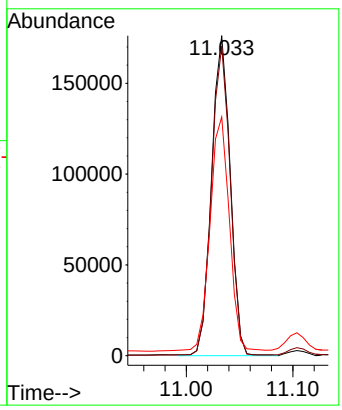


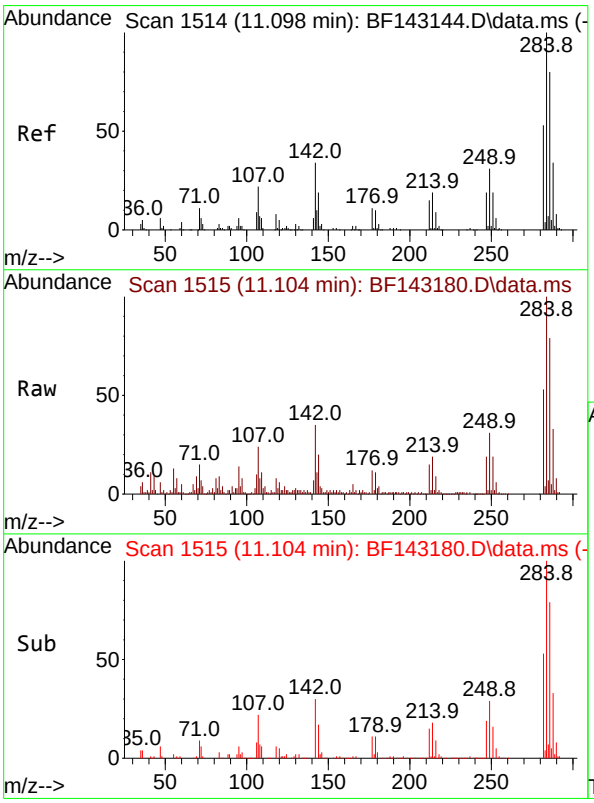

#67
4-Bromophenyl-phenylether
Concen: 42.890 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:248 Resp: 215047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 78.3 | 117.5 |
| 141 | 74.6 | 59.2 | 88.8 |

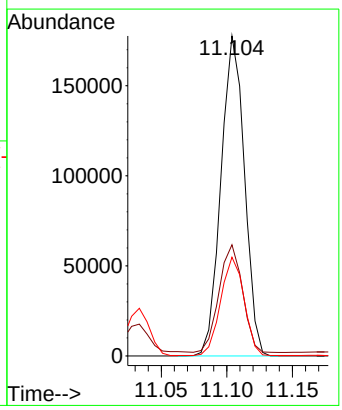


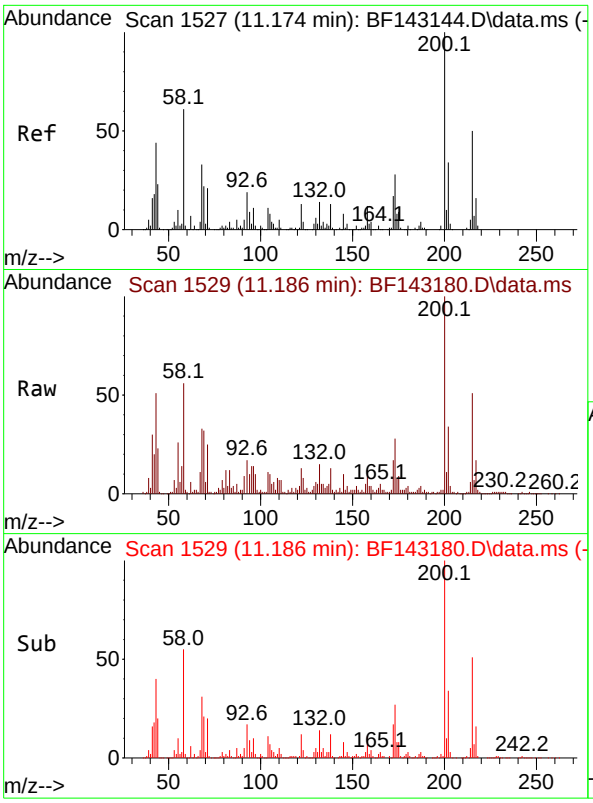




#68
Hexachlorobenzene
Concen: 42.221 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:284 Resp: 221260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.7 | 27.0 | 40.6 |
| 249 | 30.9 | 25.0 | 37.6 |



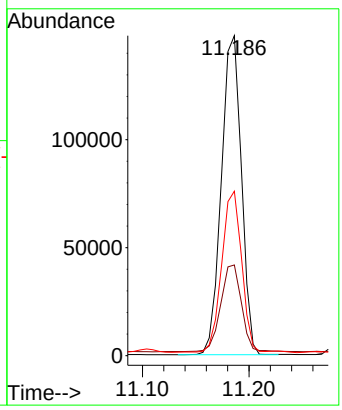


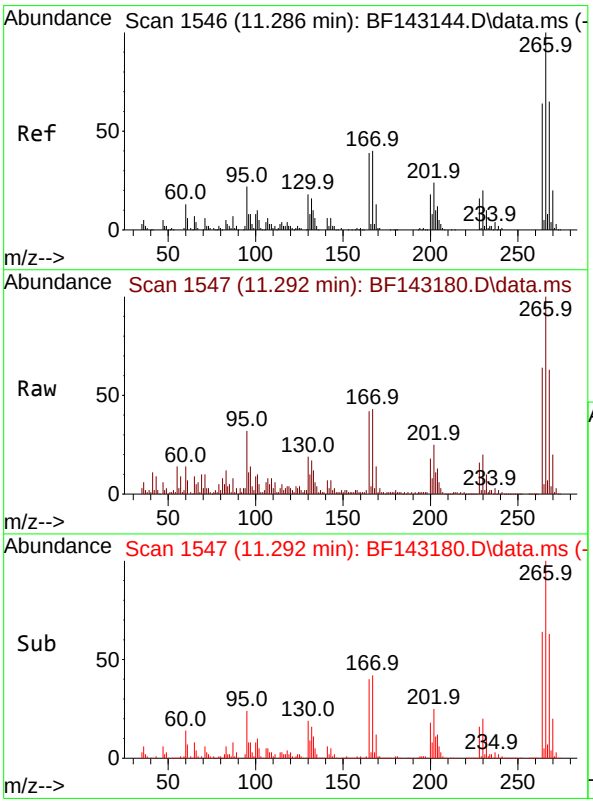

#69
Atrazine
Concen: 47.184 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:200 Resp: 192717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.4 | 7.9 | 47.9 |
| 215 | 51.4 | 30.1 | 70.1 |

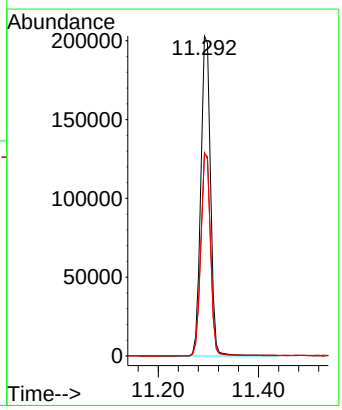


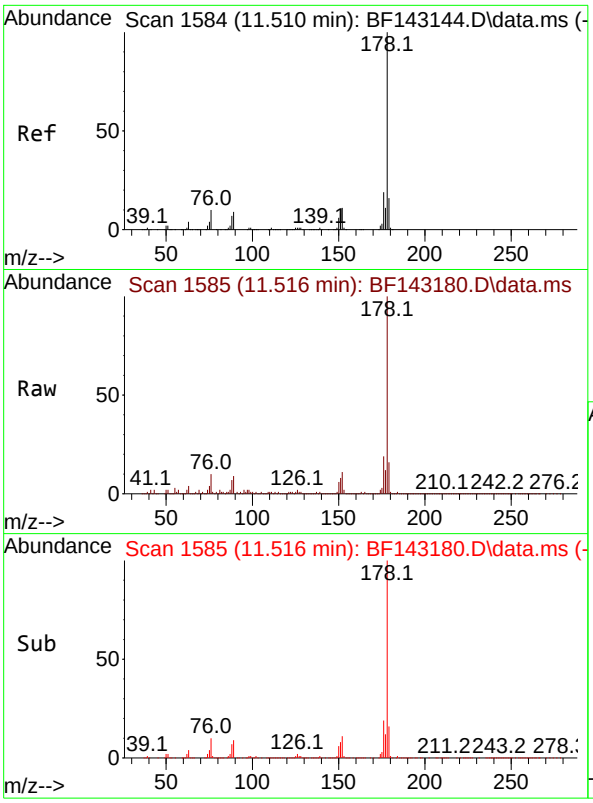




#70
Pentachlorophenol
Concen: 88.880 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:266 Resp: 273917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.3 | 51.9 | 77.9 |
| 264 | 63.5 | 51.0 | 76.6 |



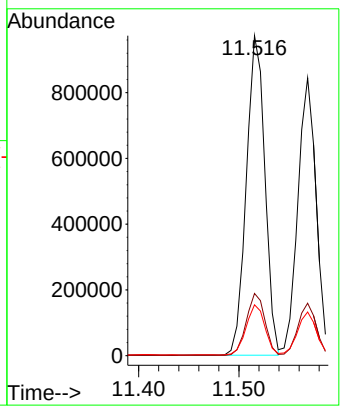


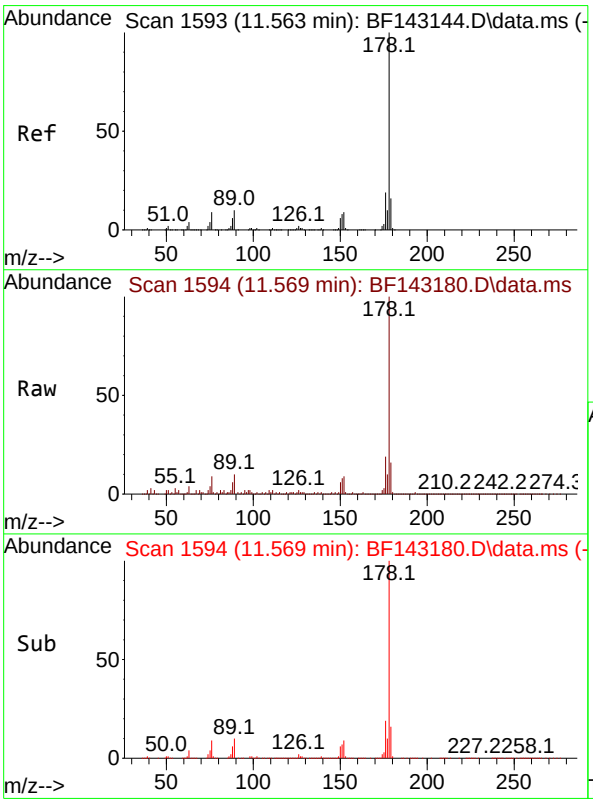

#71
Phenanthrene
Concen: 56.049 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:178 Resp: 1252082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.3 | 22.9 |
| 179 | 15.9 | 12.5 | 18.7 |

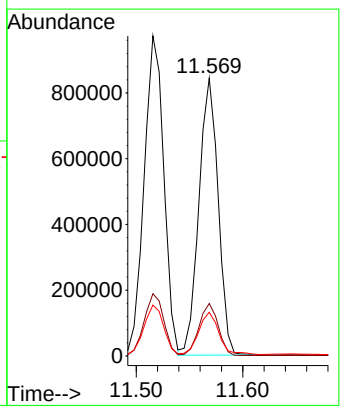


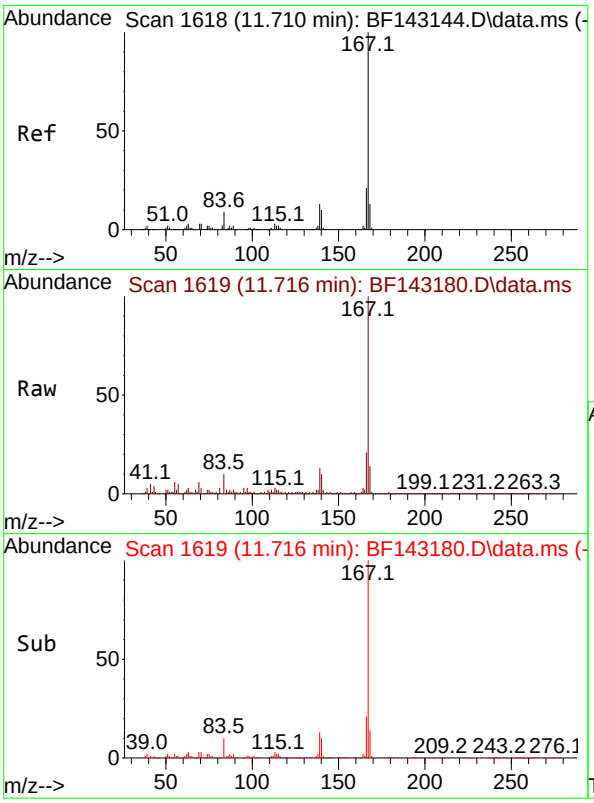




#72
Anthracene
Concen: 46.522 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:178 Resp: 1059941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



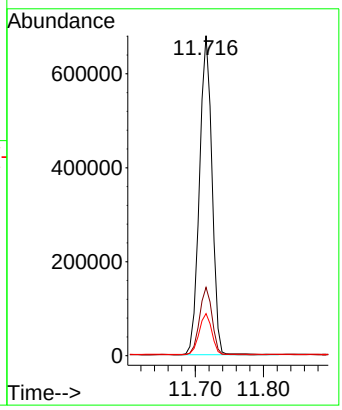


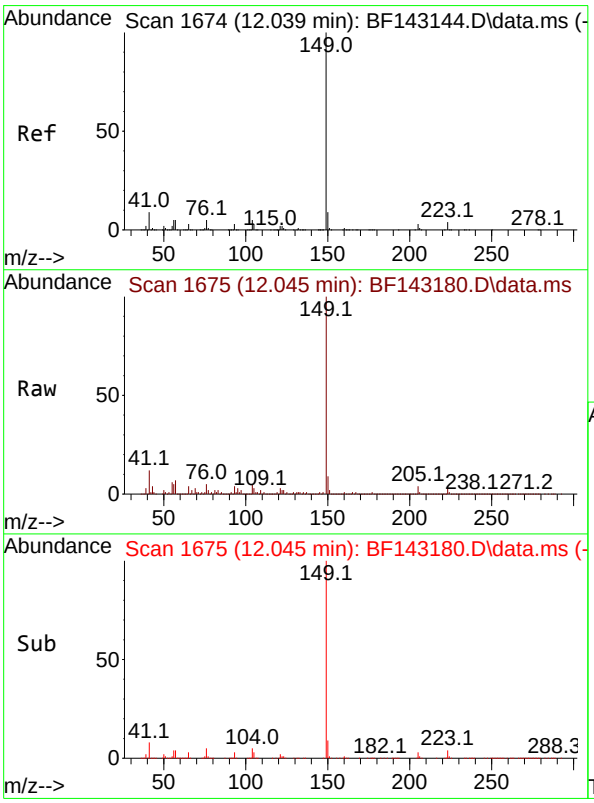

#73
Carbazole
Concen: 43.563 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:167 Resp: 866665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.0 | 25.6 |
| 139 | 13.2 | 10.0 | 15.0 |

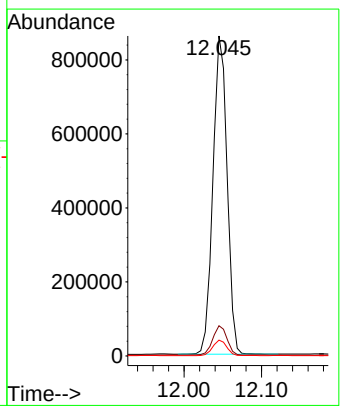


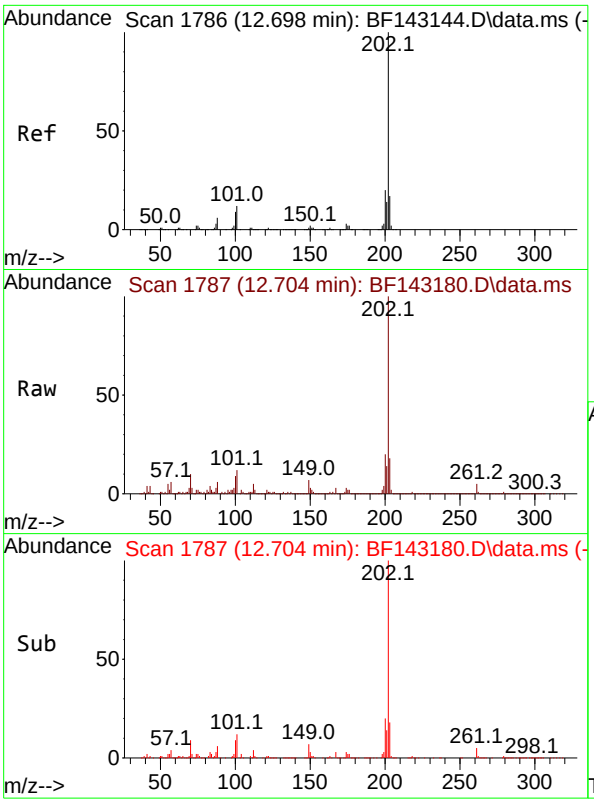




#74
Di-n-butylphthalate
Concen: 48.409 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 1089699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.4 | 11.2 |
| 104 | 5.0 | 3.8 | 5.8 |



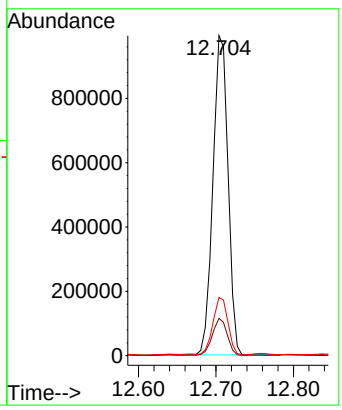


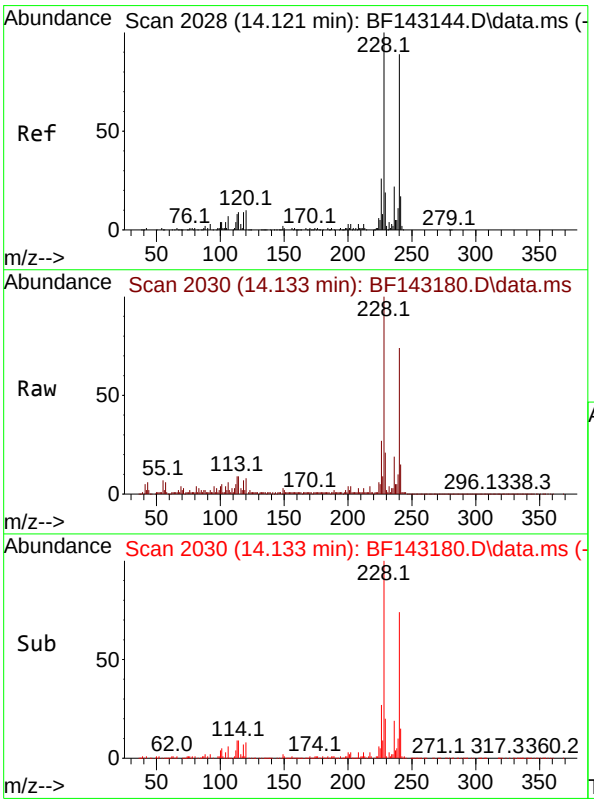

#75
Fluoranthene
Concen: 65.437 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:202 Resp: 1341747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.7 |
| 203 | 18.2 | 0.0 | 37.4 |

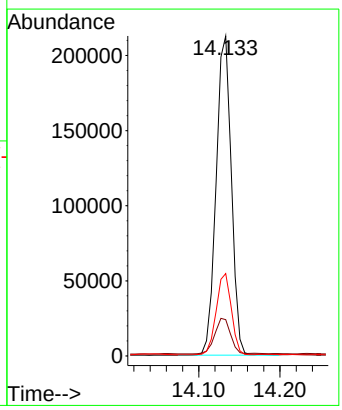


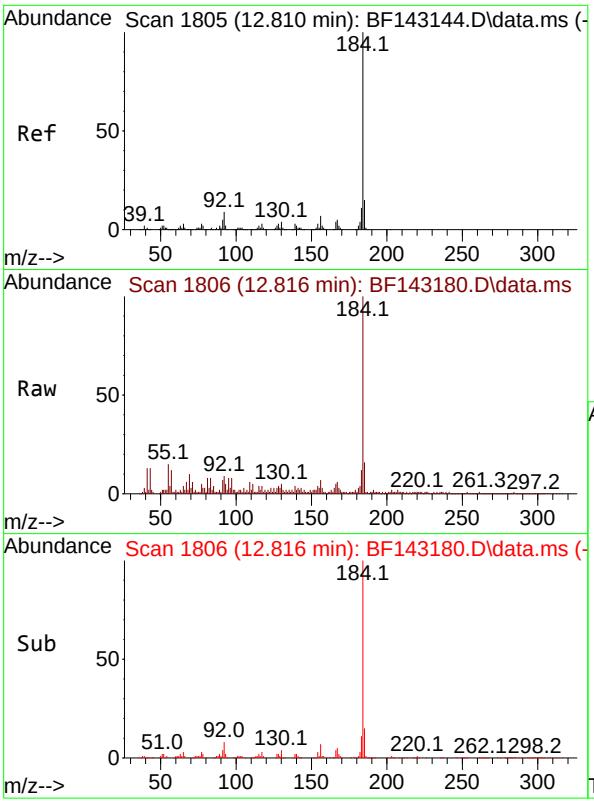




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:240 Resp: 277520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.4 | 14.2 |
| 236 | 25.7 | 20.2 | 30.4 |



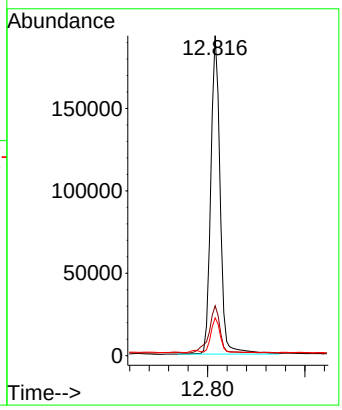


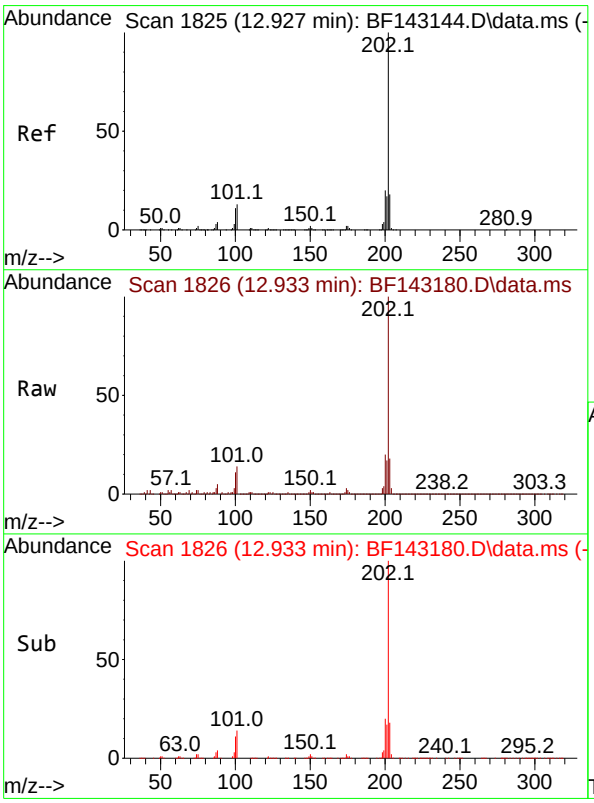

#77
Benzidine
Concen: 24.042 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:184 Resp: 257059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 12.2 | 18.4 |
| 183 | 11.8 | 9.0 | 13.4 |

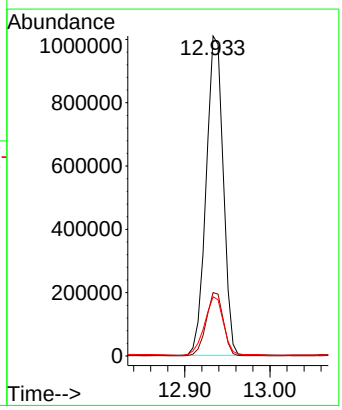


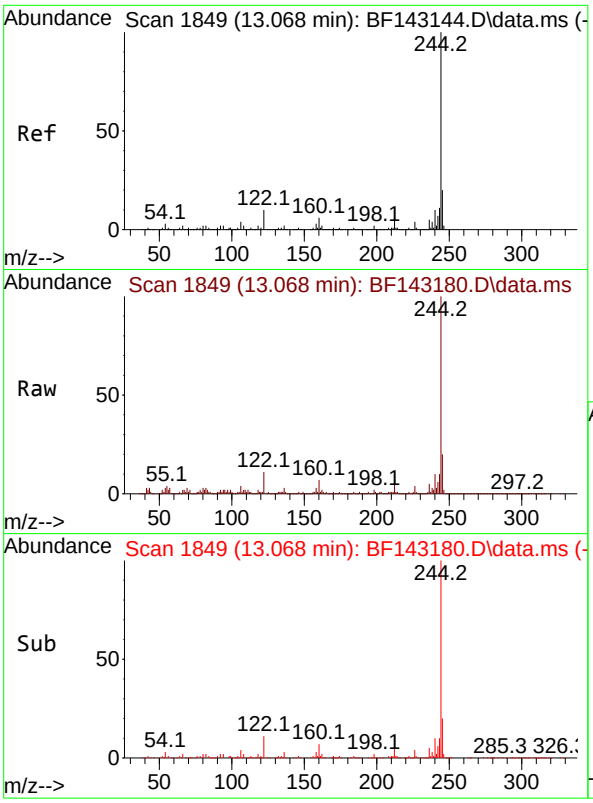




#78
Pyrene
Concen: 59.322 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:202 Resp: 1405043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 18.5 | 14.2 | 21.2 |



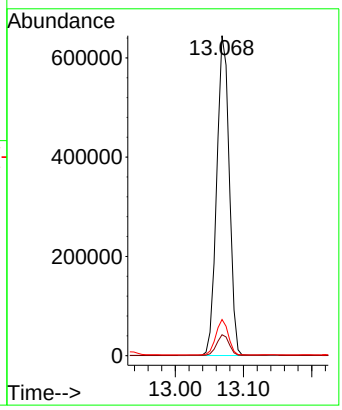


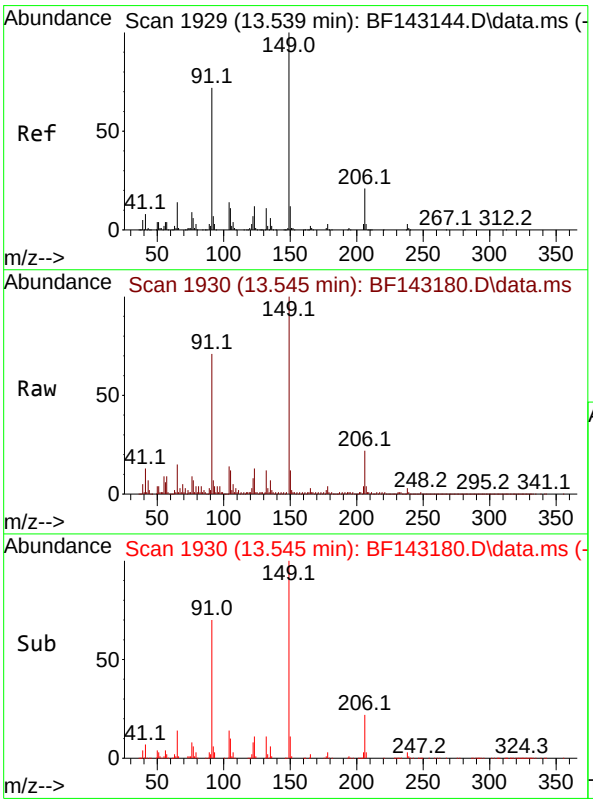

#79
Terphenyl-d14
Concen: 44.195 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:244 Resp: 824200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.3 | 8.2 | 12.2 |

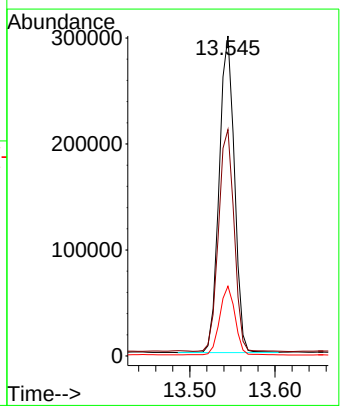


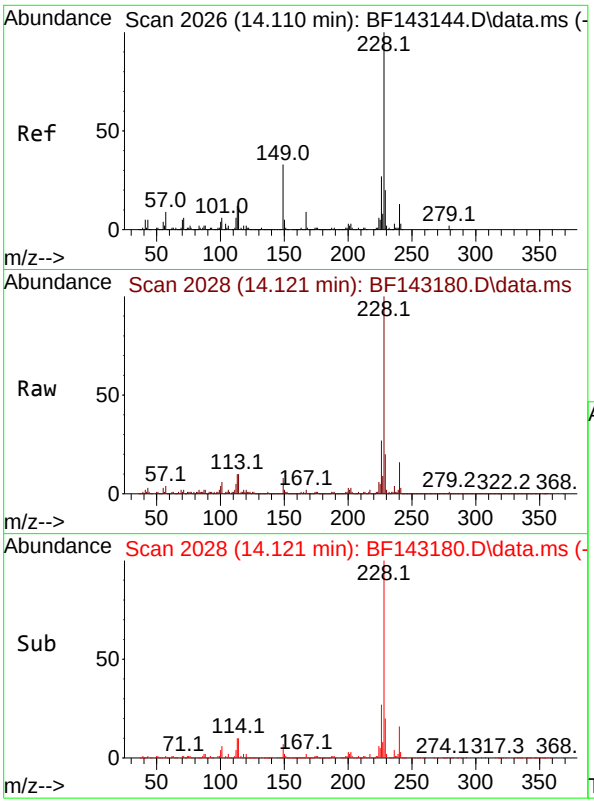




#80
Butylbenzylphthalate
Concen: 51.381 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 372649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.8 | 57.9 | 86.9 |
| 206 | 21.8 | 17.0 | 25.4 |



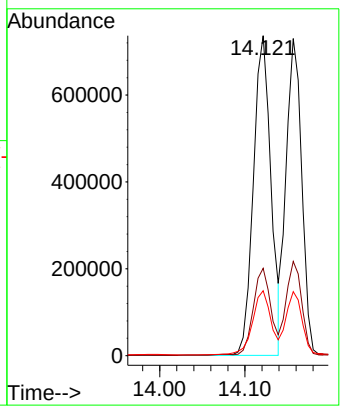


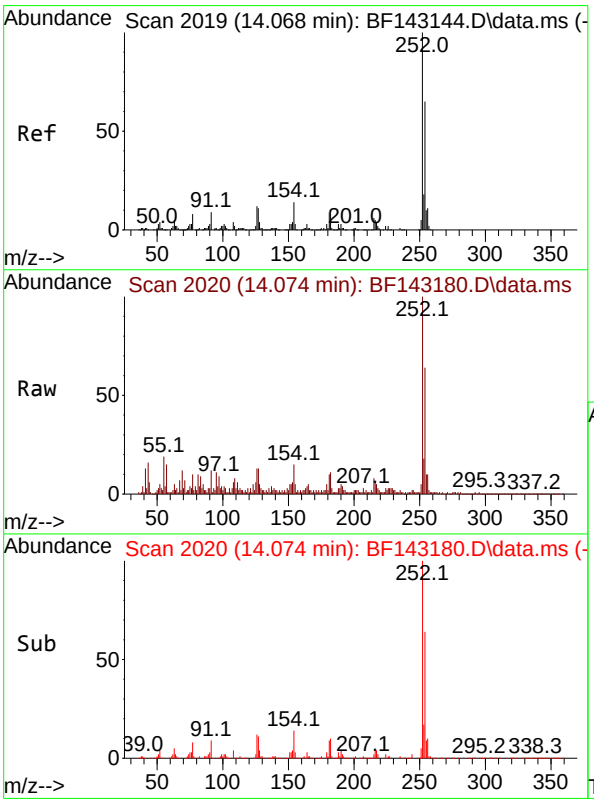

#81
Benzo(a)anthracene
Concen: 56.825 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:228 Resp: 1055813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |

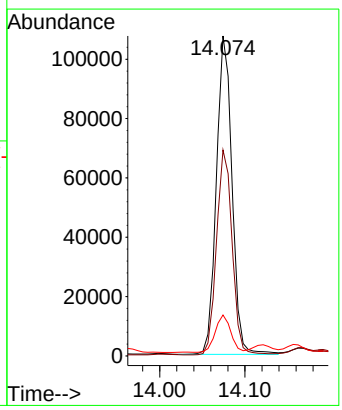


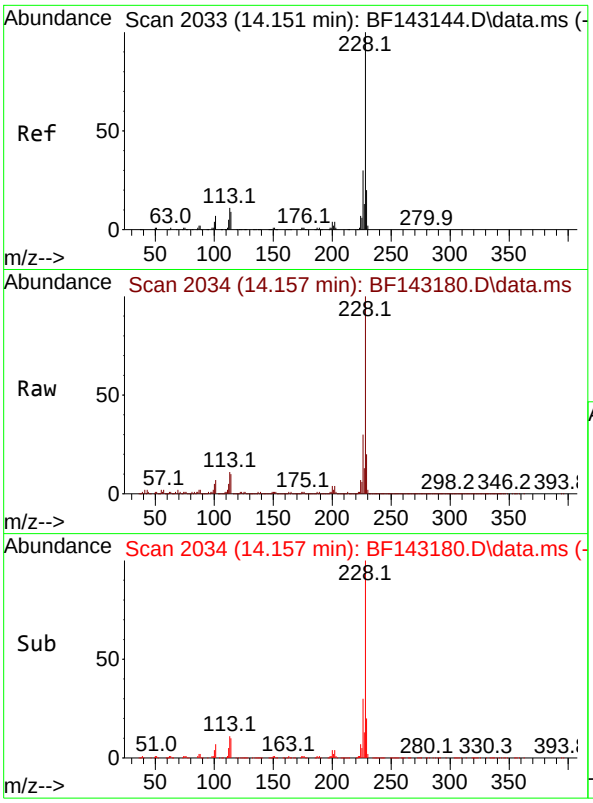




#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 136903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 51.7 | 77.5 |
| 126 | 12.8 | 9.4 | 14.0 |



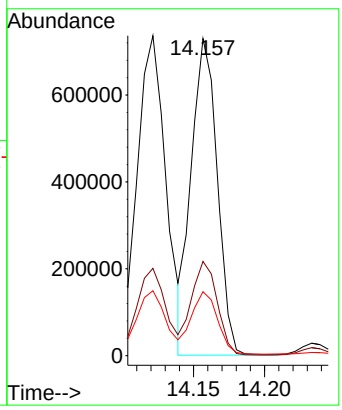


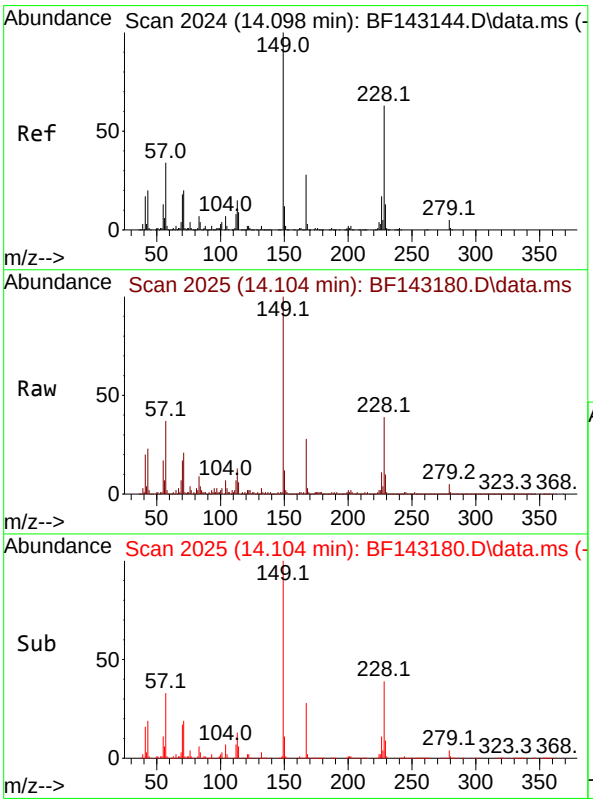

#83
Chrysene
Concen: 55.460 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:228 Resp: 926475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.8 | 35.8 |
| 229 | 20.2 | 15.6 | 23.4 |

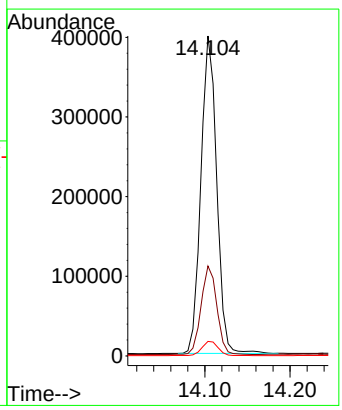


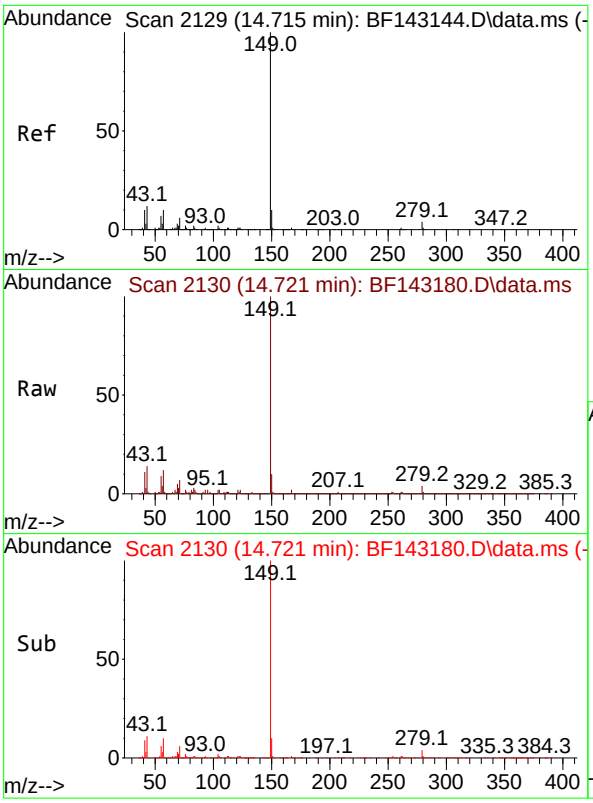




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.643 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 512026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |



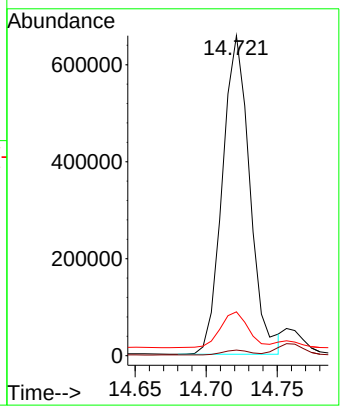


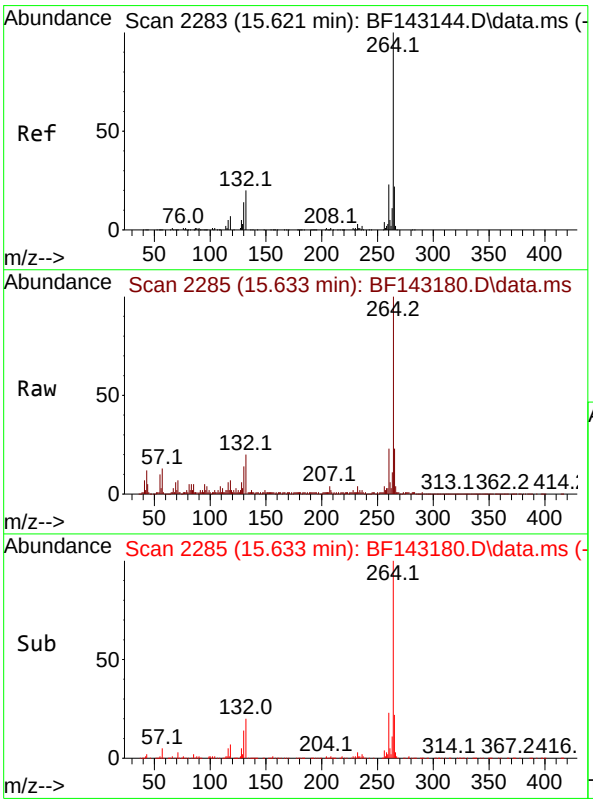

#85
Di-n-octyl phthalate
Concen: 44.269 ng
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:149 Resp: 880873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 11.6 | 9.7 | 14.5 |

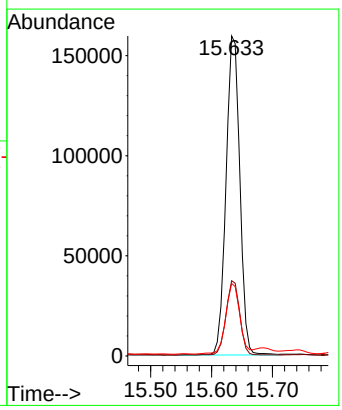


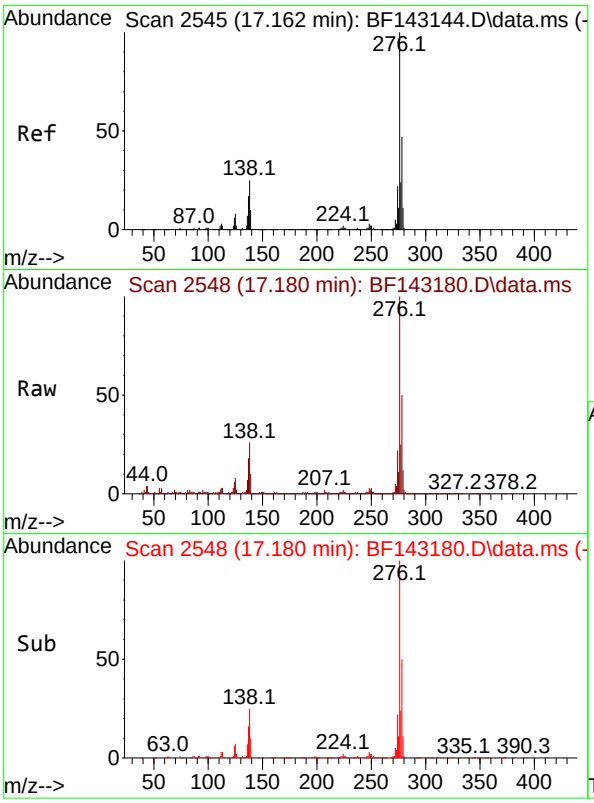




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 250625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.5 | 27.7 |
| 265 | 22.7 | 17.4 | 26.2 |



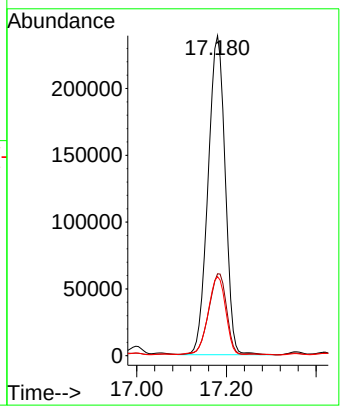


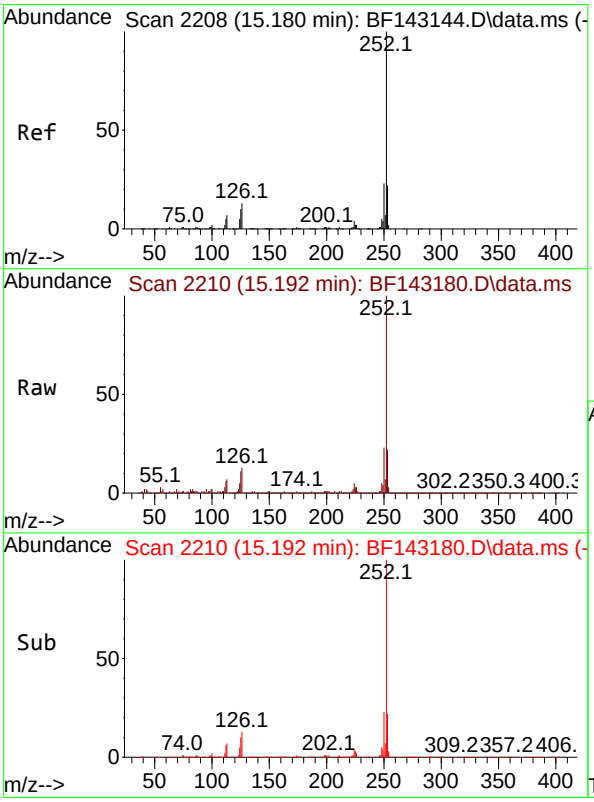

#87
Indeno(1,2,3-cd)pyrene
Concen: 35.775 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:276 Resp: 632228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 21.8 | 32.6 |
| 277 | 24.8 | 20.0 | 30.0 |

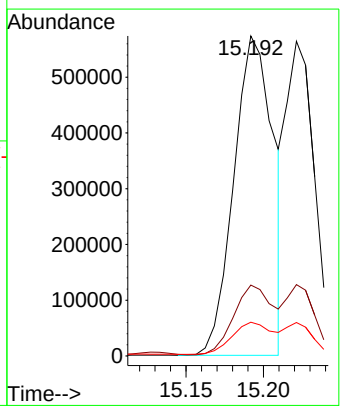


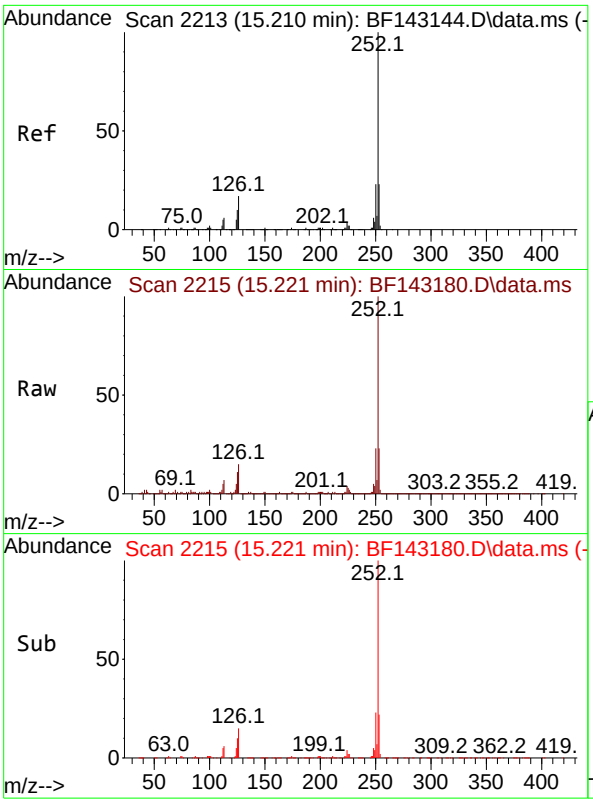




#88
Benzo(b)fluoranthene
Concen: 66.318 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 1015390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 10.6 | 8.0 | 12.0 |



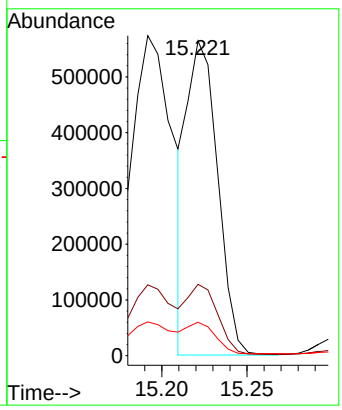


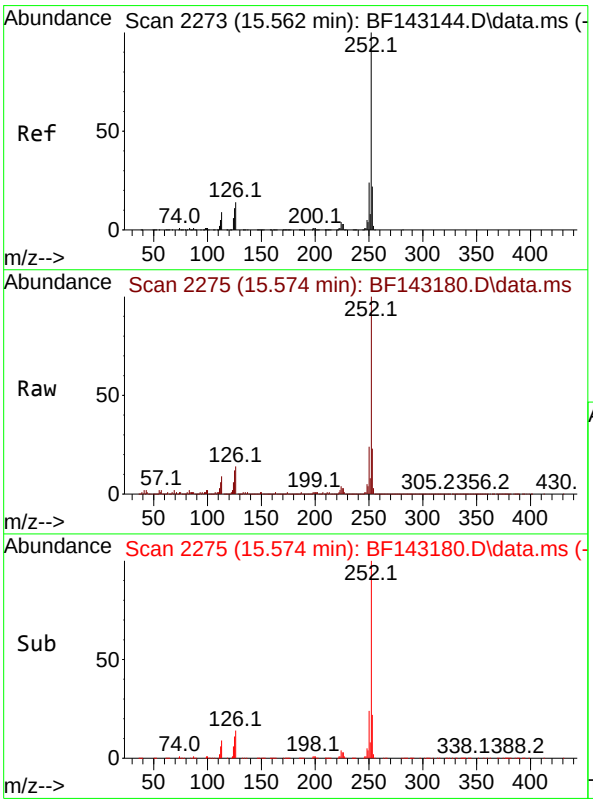

#89
Benzo(k)fluoranthene
Concen: 52.120 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:252 Resp: 712098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.8 | 26.6 |
| 125 | 10.6 | 8.1 | 12.1 |

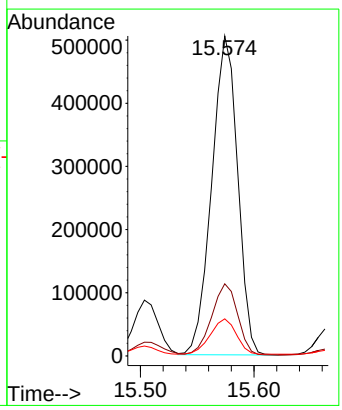


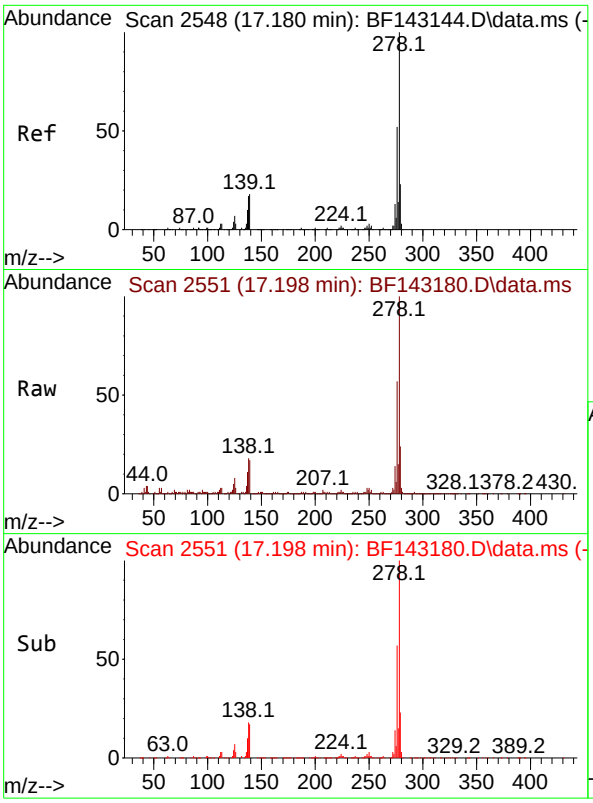




#90
Benzo(a)pyrene
Concen: 56.754 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 800603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.3 | 25.9 |
| 125 | 11.6 | 8.6 | 13.0 |



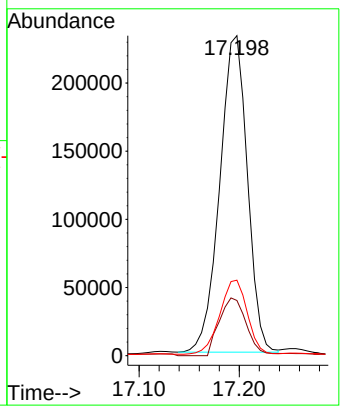


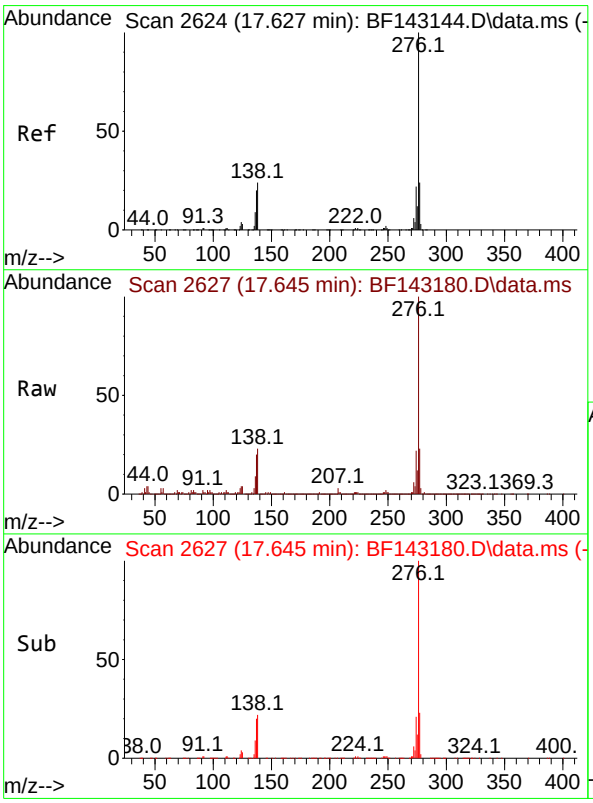

#91
Dibenzo(a,h)anthracene
Concen: 30.912 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MS

Tgt Ion:278 Resp: 444650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.3 | 14.1 | 21.1 |
| 279 | 23.6 | 18.6 | 28.0 |

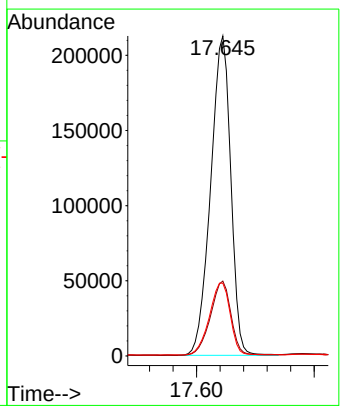



#92
Benzo(g,h,i)perylene
Concen: 36.288 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 504925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.1 | 28.7 |
| 138 | 22.8 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 136589 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 529762 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 274462 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.492 | 188 | 414650 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.133 | 240 | 276295 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 15.639 | 264 | 228694 | 20.000 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.598 | 112 | 716143 | 82.969 | ng | | 0.01 |
| 7) Phenol-d6 | 6.587 | 99 | 935920 | 86.147 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 613436 | 57.720 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 244844 | 86.354 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1059631 | 52.801 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 800209 | 43.099 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.863 | 88 | 142826 | 34.971 | ng | | 100 |
| 3) Pyridine | 3.628 | 79 | 387513 | 36.555 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.569 | 42 | 226567 | 41.396 | ng | | 99 |
| 6) Aniline | 6.622 | 93 | 355683 | 23.491 | ng | | 95 |
| 8) 2-Chlorophenol | 6.751 | 128 | 380878 | 42.098 | ng | | 98 |
| 9) Benzaldehyde | 6.510 | 77 | 267699 | 32.860 | ng | | 99 |
| 10) Phenol | 6.604 | 94 | 507938 | 42.917 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 375500 | 41.437 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 396098 | 40.301 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 400666 | 40.480 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 385915 | 40.994 | ng | | 99 |
| 15) Benzyl Alcohol | 7.098 | 79 | 366706 | 44.206 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 695231 | 41.357 | ng | | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 323602 | 42.538 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 145589 | 42.489 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 282181 | 40.484 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 396436 | 42.952 | ng | # | 81 |
| 22) Acetophenone | 7.369 | 105 | 518130 | 41.311 | ng | | 97 |
| 24) Nitrobenzene | 7.540 | 77 | 429974 | 43.395 | ng | | 98 |
| 25) Isophorone | 7.781 | 82 | 793276 | 42.282 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 207791 | 48.321 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 371287 | 42.358 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 469100 | 41.702 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 316852 | 42.863 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 329282 | 41.232 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1159919 | 44.458 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 260227 | 52.195 | ng | | 97 |
| 33) 4-Chloroaniline | 8.310 | 127 | 114890 | 10.785 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 197888 | 40.563 | ng | | 99 |
| 35) Caprolactam | 8.681 | 113 | 114441 | 51.232 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 358269 | 44.590 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 686312 | 43.229 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 697758 | 42.680 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 328897 | 41.506 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 241446 | 46.829 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 238395 | 43.470 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

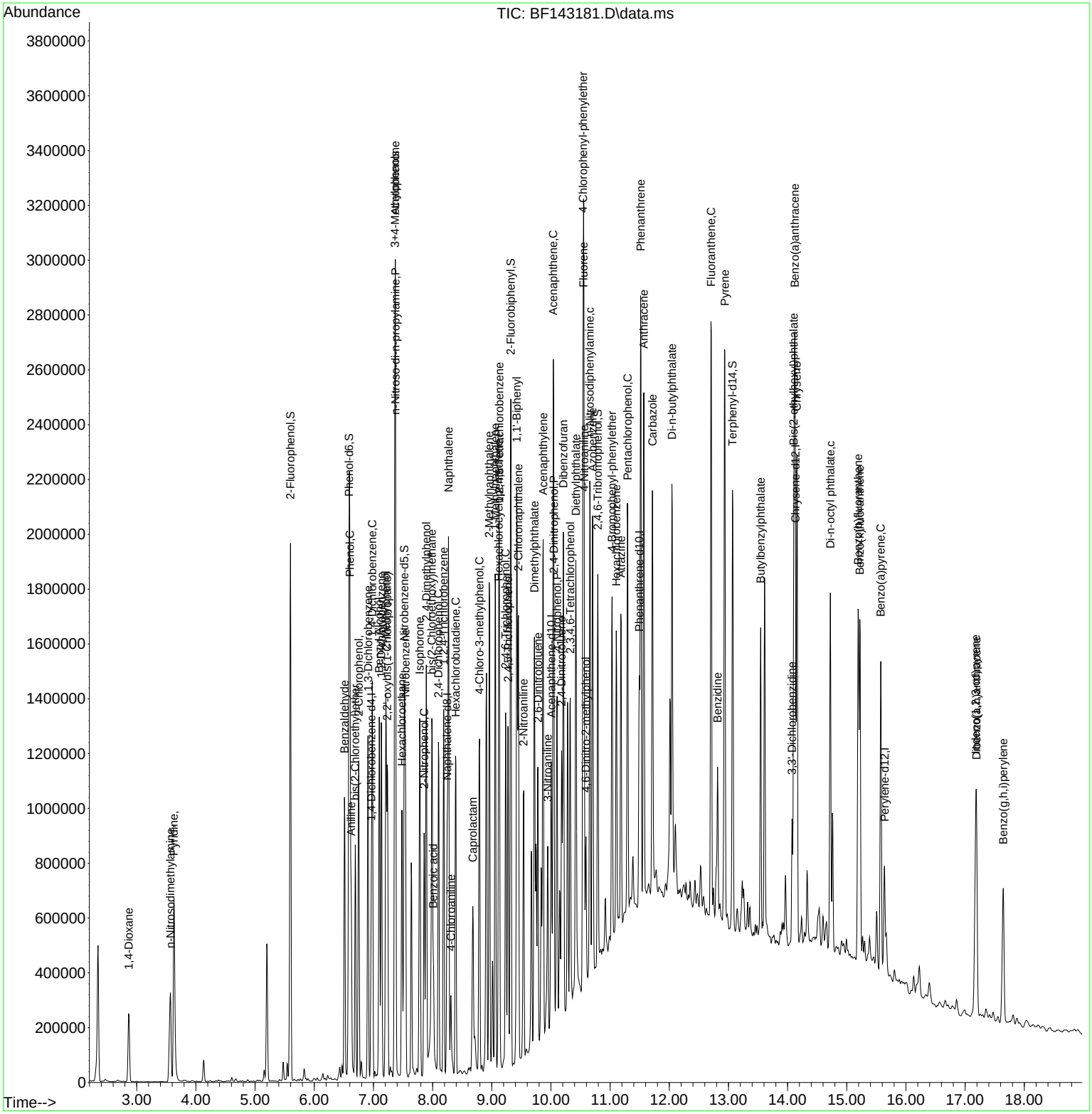
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 238695 | 43.512 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 906851 | 42.350 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 661581 | 41.755 | ng | | 100 |
| 48) 2-Nitroaniline | 9.539 | 65 | 240330 | 48.368 | ng | | 100 |
| 49) Acenaphthylene | 9.869 | 152 | 1121862 | 42.250 | ng | | 100 |
| 50) Dimethylphthalate | 9.722 | 163 | 785971 | 43.933 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.781 | 165 | 174789 | 48.027 | ng | | 97 |
| 52) Acenaphthene | 10.039 | 154 | 717249 | 45.702 | ng | | 98 |
| 53) 3-Nitroaniline | 9.945 | 138 | 141784 | 33.307 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 138218 | 83.480 | ng | # | 7 |
| 55) Dibenzofuran | 10.210 | 168 | 992798 | 42.608 | ng | | 99 |
| 56) 4-Nitrophenol | 10.104 | 139 | 276705 | 87.047 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 229420 | 50.245 | ng | | 98 |
| 58) Fluorene | 10.551 | 166 | 745825 | 42.649 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.328 | 232 | 198979 | 43.788 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 793884 | 44.896 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 365015 | 41.919 | ng | | 99 |
| 62) 4-Nitroaniline | 10.563 | 138 | 150125 | 41.149 | ng | | 98 |
| 63) Azobenzene | 10.704 | 77 | 832376 | 45.166 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 93180 | 43.445 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 658874 | 45.125 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 219163 | 44.351 | ng | | 99 |
| 68) Hexachlorobenzene | 11.104 | 284 | 217668 | 42.143 | ng | | 98 |
| 69) Atrazine | 11.186 | 200 | 195110 | 48.470 | ng | | 99 |
| 70) Pentachlorophenol | 11.298 | 266 | 261343 | 86.042 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 1215848 | 55.224 | ng | | 99 |
| 72) Anthracene | 11.569 | 178 | 1016264 | 45.259 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 837062 | 42.692 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1092339 | 49.237 | ng | | 99 |
| 75) Fluoranthene | 12.710 | 202 | 1347470 | 66.679 | ng | | 99 |
| 77) Benzidine | 12.816 | 184 | 297349 | 27.933 | ng | | 99 |
| 78) Pyrene | 12.939 | 202 | 1345473 | 57.059 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 367405 | 50.883 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.121 | 228 | 1033853 | 55.890 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 138194 | 22.415 | ng | | 100 |
| 83) Chrysene | 14.157 | 228 | 923571 | 55.532 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149 | 519551 | 47.538 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 893326 | 45.094 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.180 | 276 | 555106 | 34.423 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.192 | 252 | 926002 | 66.280 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 688897 | 55.257 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.574 | 252 | 734037 | 57.025 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.192 | 278 | 397652 | 30.296 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.645 | 276 | 449394 | 35.394 | ng | | 100 |

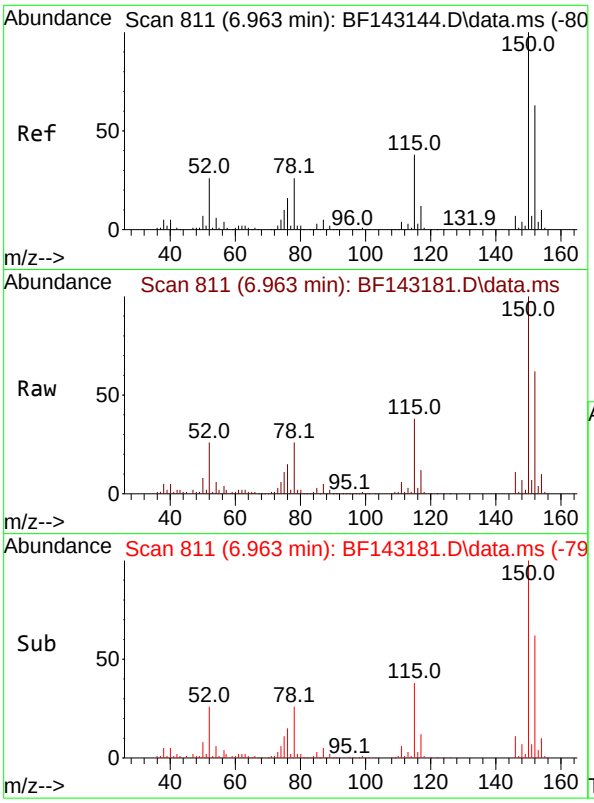
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



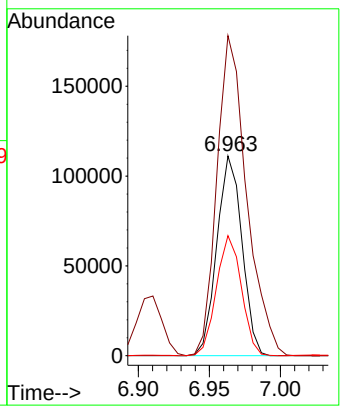


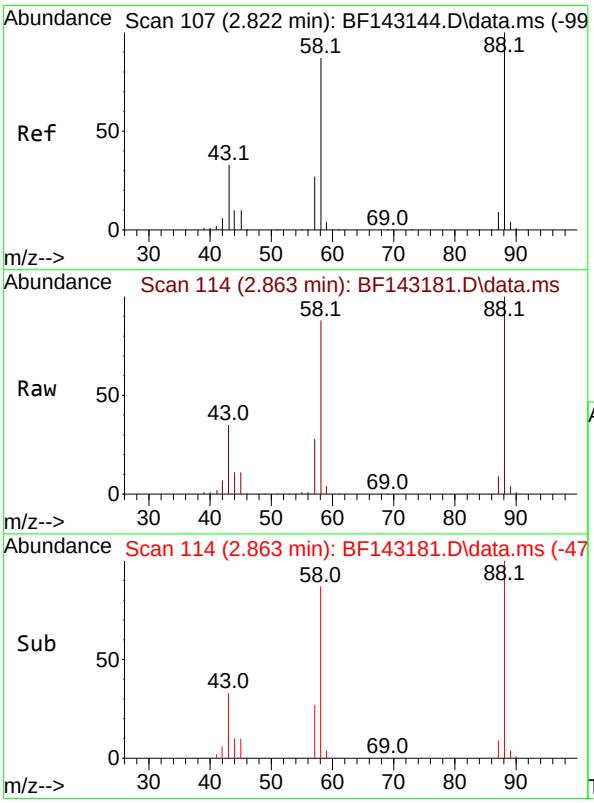

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:152 Resp: 136589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 128.2 | 192.4 |
| 115 | 60.1 | 47.9 | 71.9 |

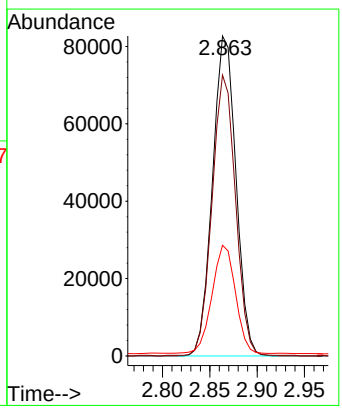


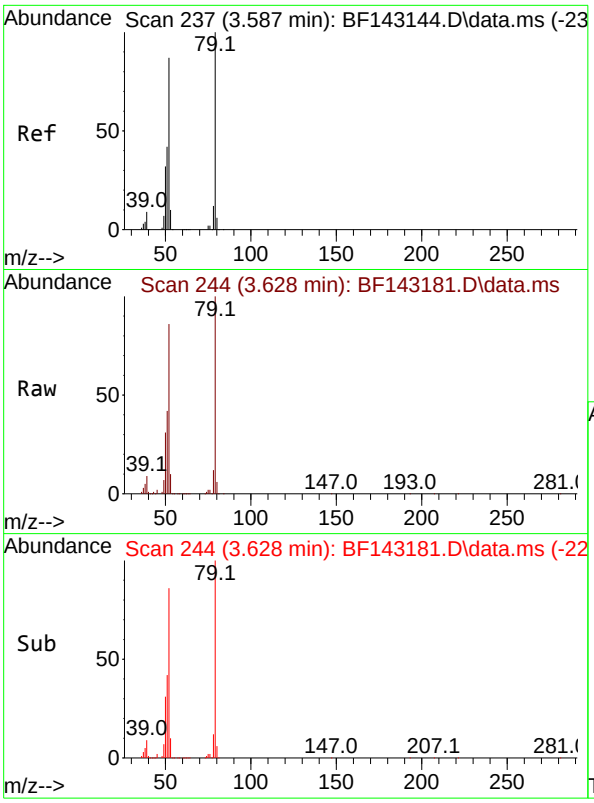




#2
1,4-Dioxane
Concen: 34.971 ng
RT: 2.863 min Scan# 114
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 88 Resp: 142826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 70.2 | 105.2 |
| 43 | 33.6 | 27.1 | 40.7 |



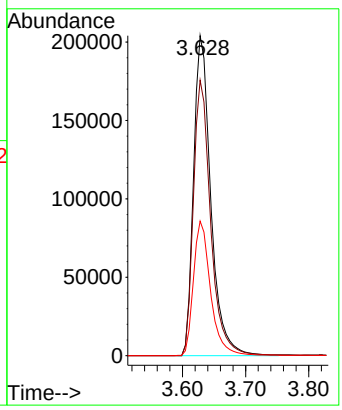


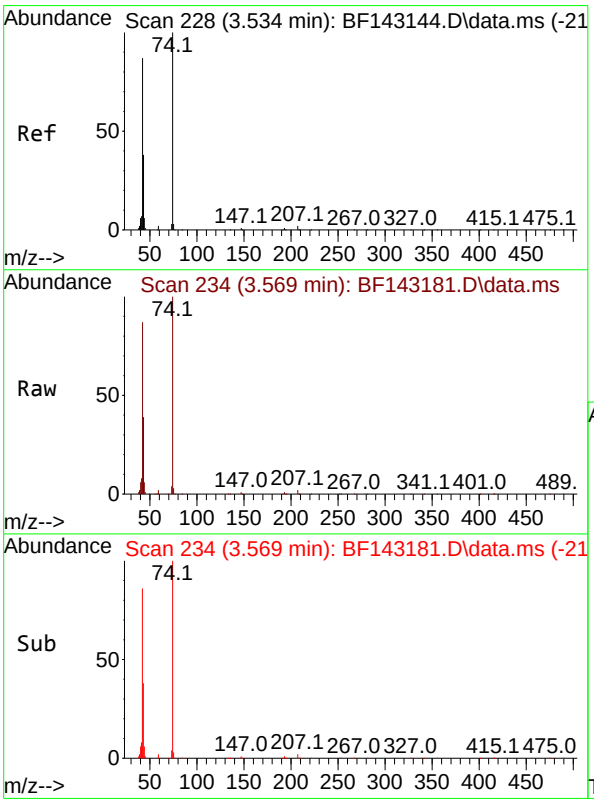

#3
Pyridine
Concen: 36.555 ng
RT: 3.628 min Scan# 24
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 79 Resp: 387513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.1 | 69.4 | 104.2 |
| 51 | 42.0 | 33.5 | 50.3 |

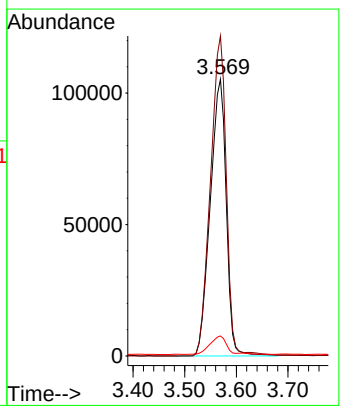


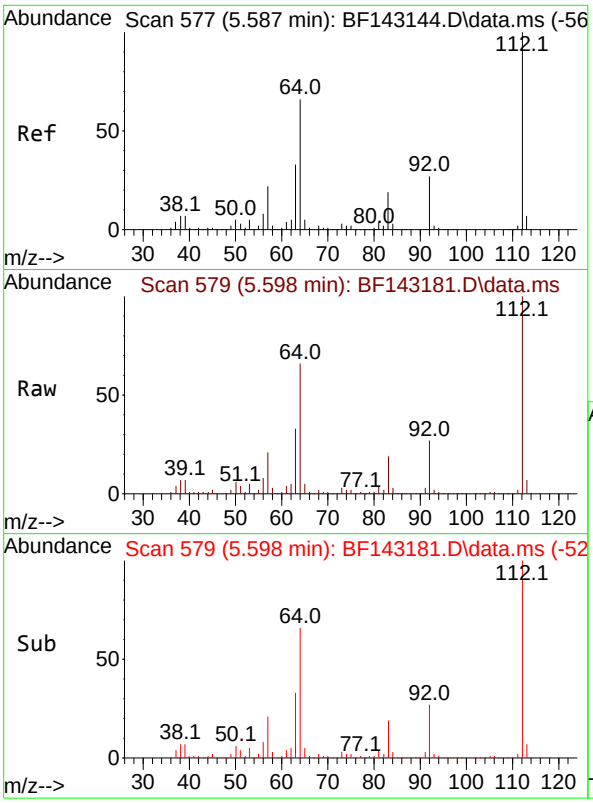




#4
n-Nitrosodimethylamine
Concen: 41.396 ng
RT: 3.569 min Scan# 234
Delta R.T. 0.035 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 42 Resp: 226567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.6 | 91.7 | 137.5 |
| 44 | 7.2 | 5.6 | 8.4 |



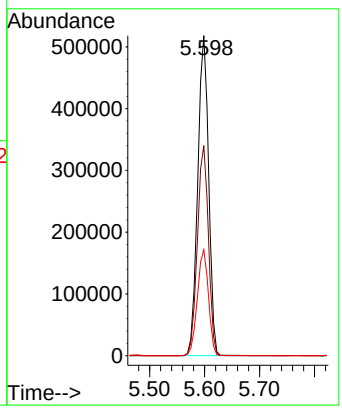


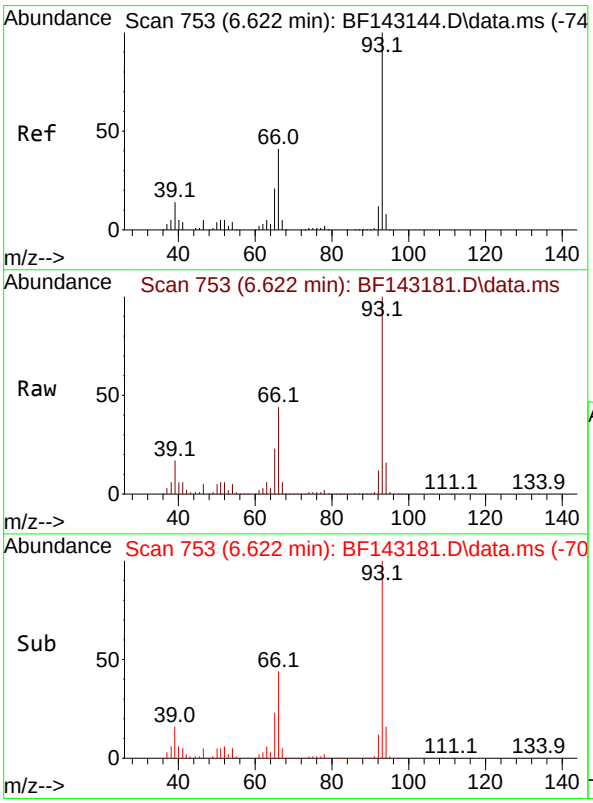

#5
2-Fluorophenol
Concen: 82.969 ng
RT: 5.598 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:112 Resp: 716143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.7 | 53.1 | 79.7 |
| 63 | 33.1 | 26.6 | 40.0 |

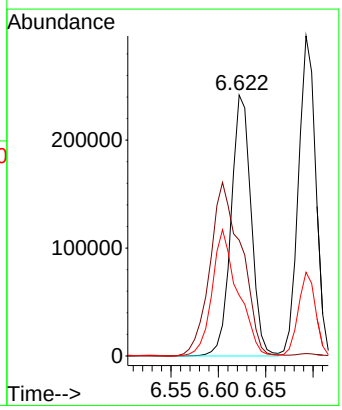


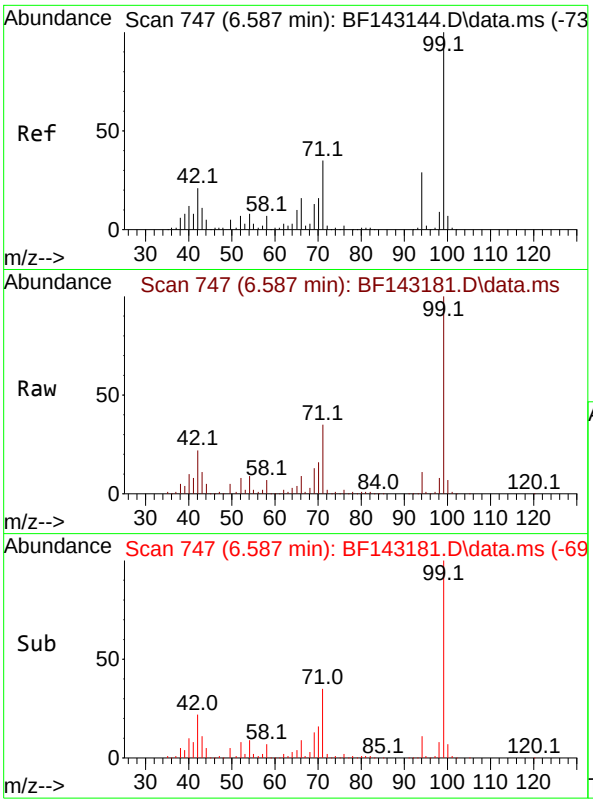




#6
Aniline
Concen: 23.491 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 355683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.4 | 33.2 | 49.8 |
| 65 | 23.2 | 16.9 | 25.3 |



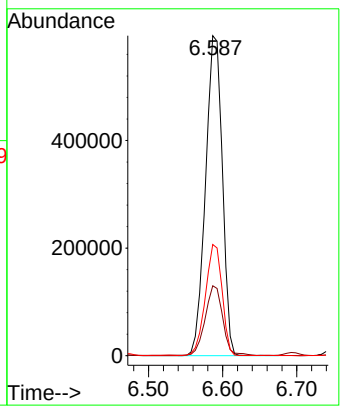


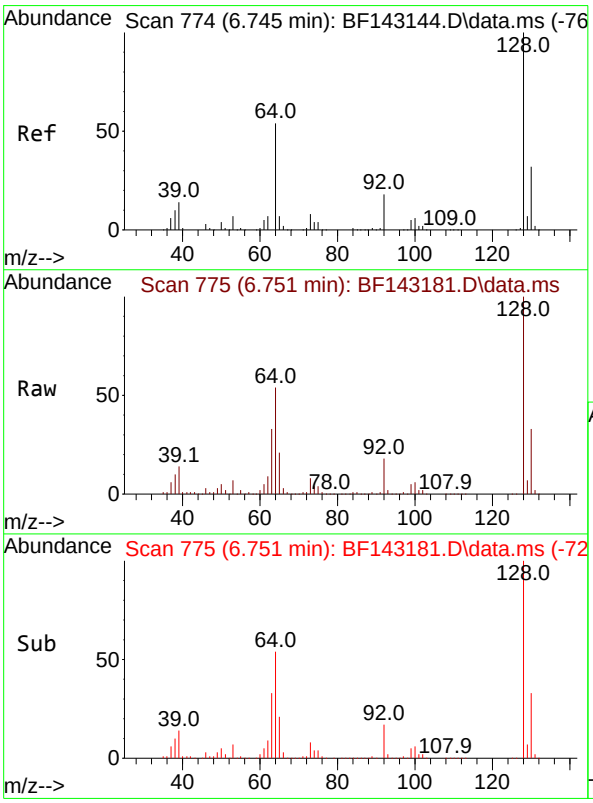

#7
Phenol-d6
Concen: 86.147 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 99 Resp: 935920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 17.0 | 25.6 |
| 71 | 34.8 | 27.7 | 41.5 |

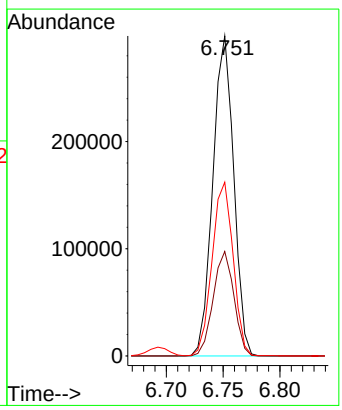


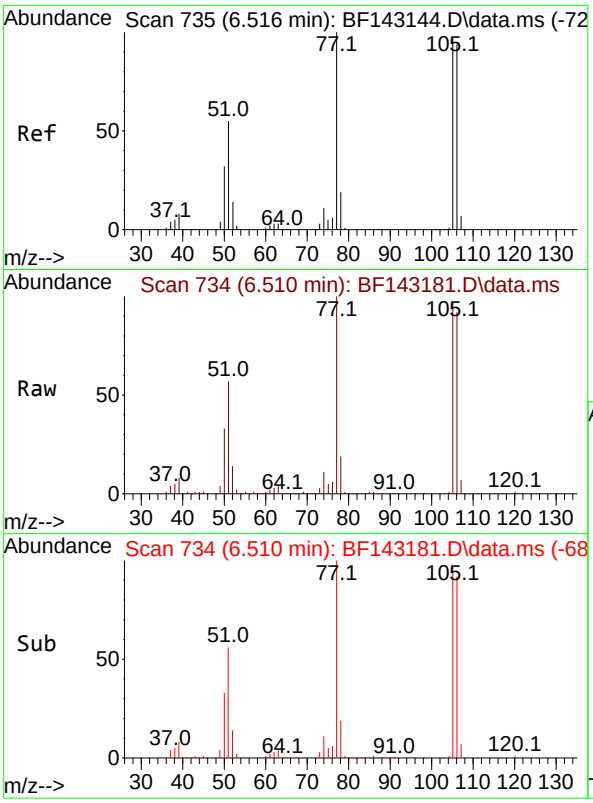




#8
2-Chlorophenol
Concen: 42.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:128 Resp: 380878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.3 | 52.3 |
| 64 | 54.3 | 35.9 | 75.9 |



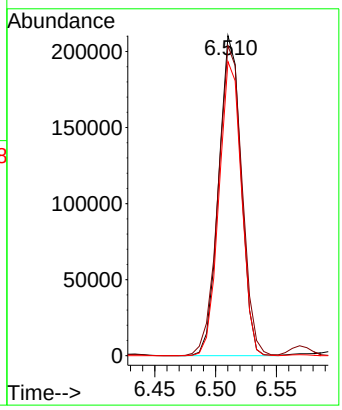


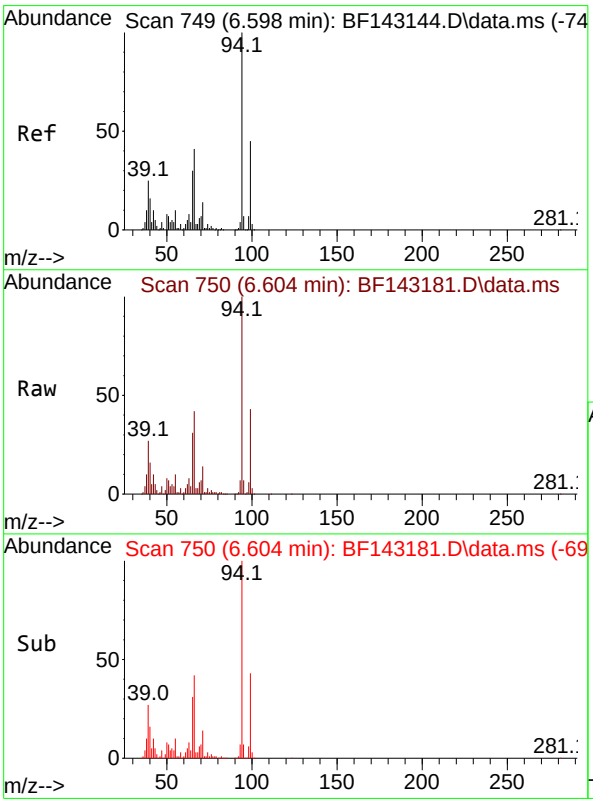

#9
Benzaldehyde
Concen: 32.860 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 77 Resp: 267699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.8 | 76.8 | 116.8 |
| 106 | 91.9 | 74.4 | 114.4 |

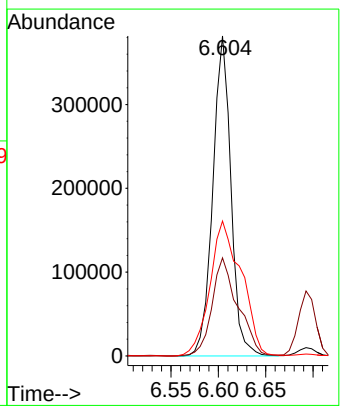


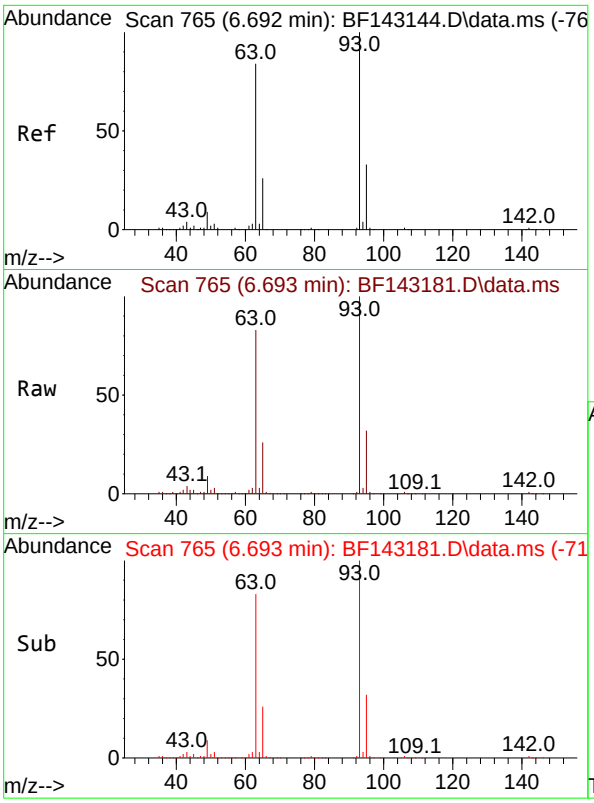




#10
Phenol
Concen: 42.917 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 94 Resp: 507938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.6 | 10.0 | 50.0 |
| 66 | 42.2 | 20.8 | 60.8 |



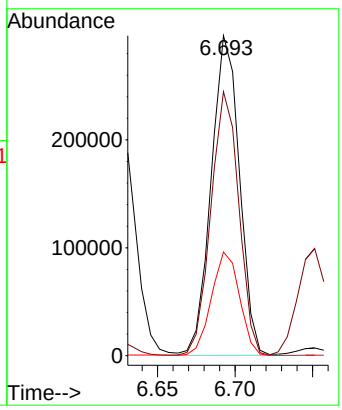


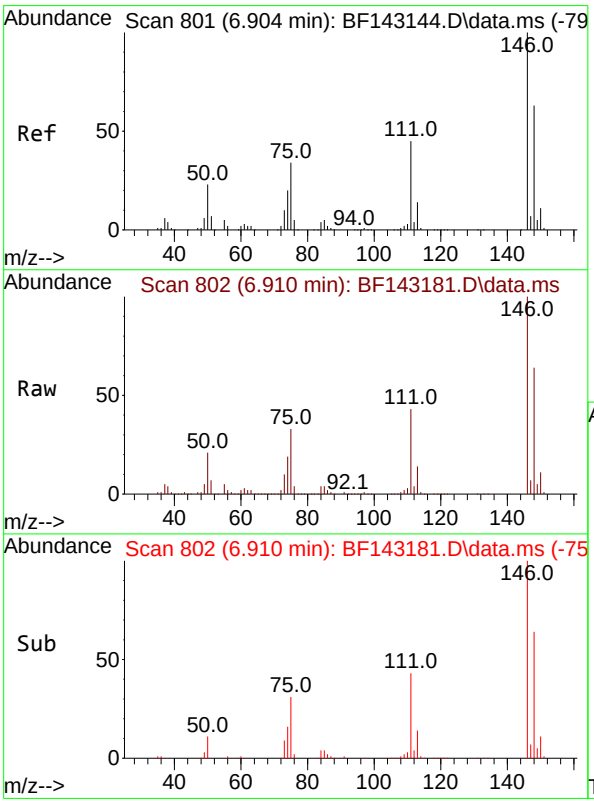

#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 93 Resp: 375500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.5 | 63.4 | 103.4 |
| 95 | 32.4 | 12.4 | 52.4 |

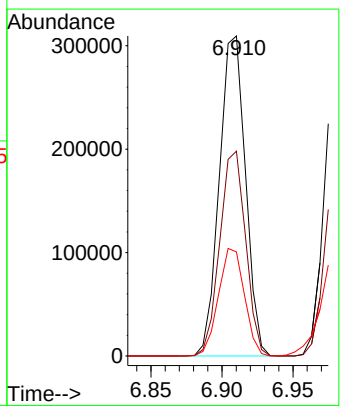


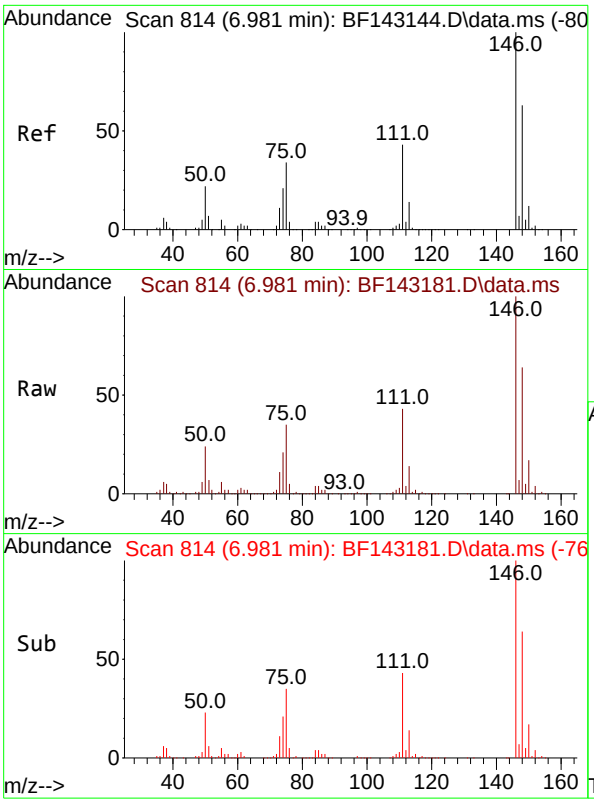




#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 396098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 50.6 | 76.0 |
| 75 | 32.5 | 27.4 | 41.2 |



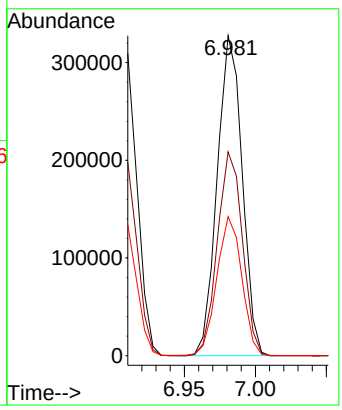


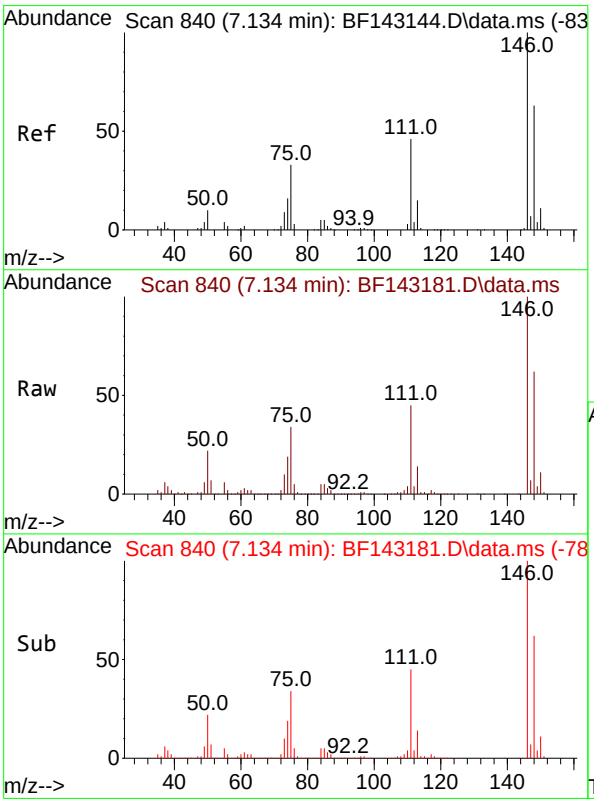

#13
1,4-Dichlorobenzene
Concen: 40.480 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:146 Resp: 400666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.3 | 75.5 |
| 111 | 43.4 | 34.4 | 51.6 |

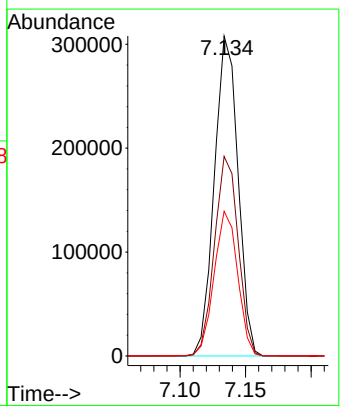


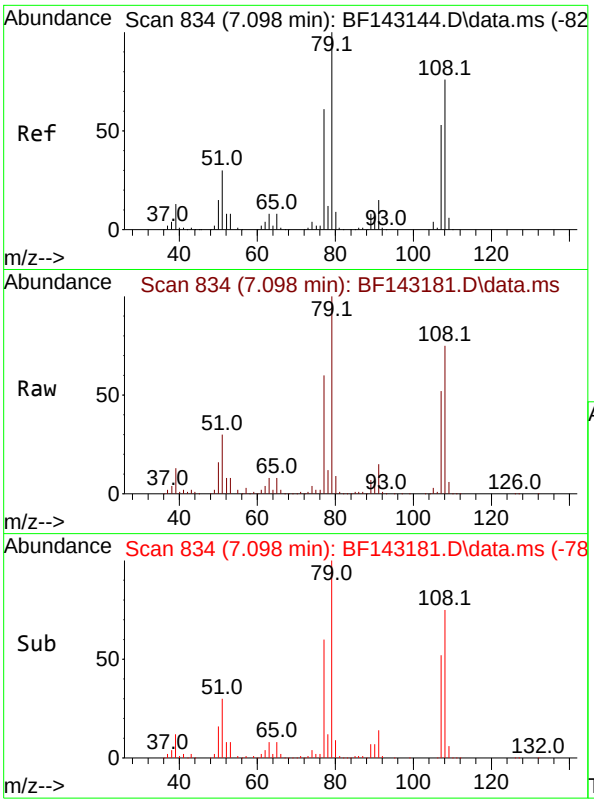




#14
1,2-Dichlorobenzene
Concen: 40.994 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 385915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 50.7 | 76.1 |
| 111 | 45.2 | 36.6 | 54.8 |



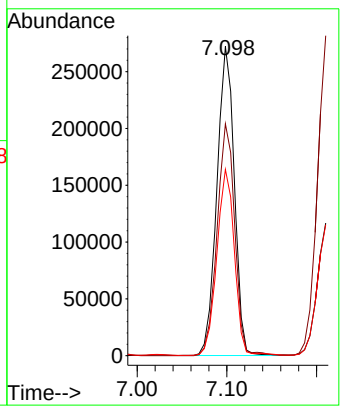


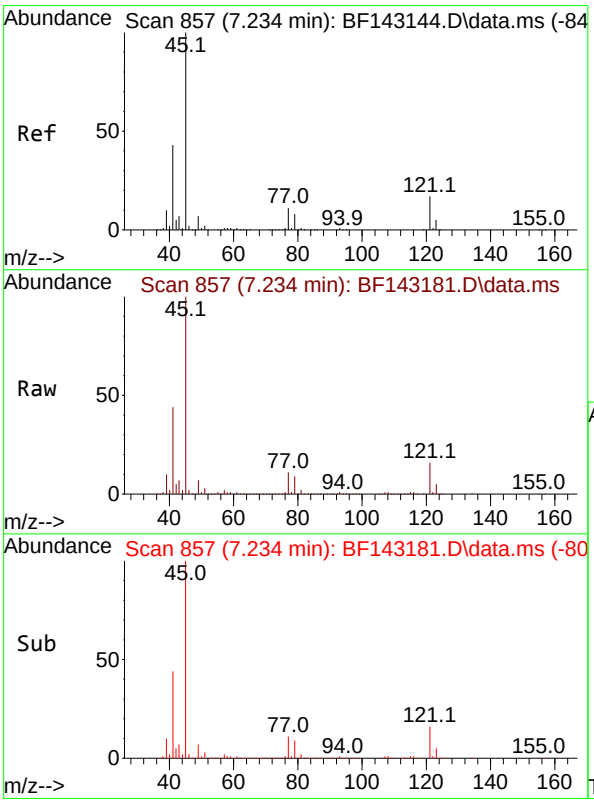

#15
Benzyl Alcohol
Concen: 44.206 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 79 Resp: 366706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.0 | 61.1 | 91.7 |
| 77 | 60.2 | 48.9 | 73.3 |

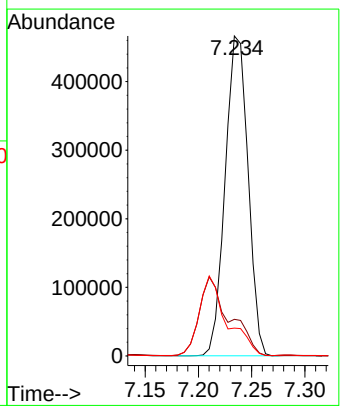


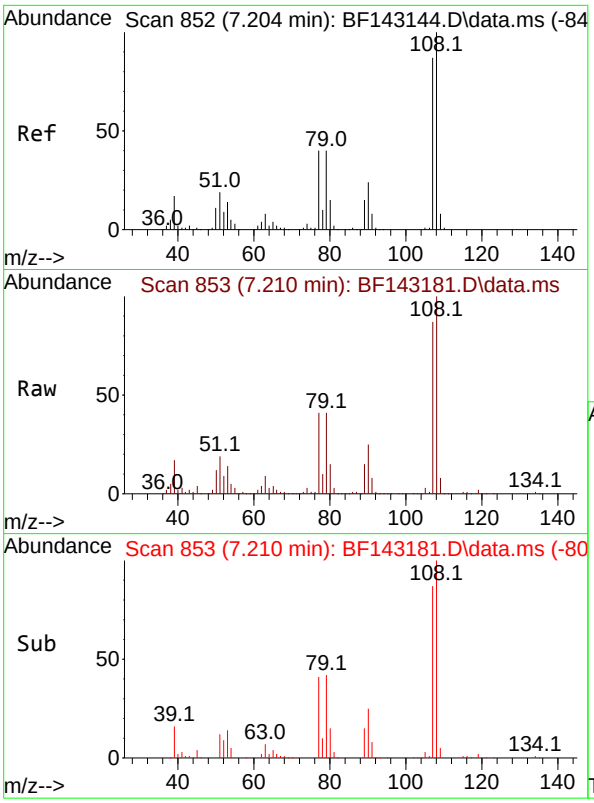




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 45 Resp: 695231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.2 |
| 79 | 8.7 | 0.0 | 28.5 |



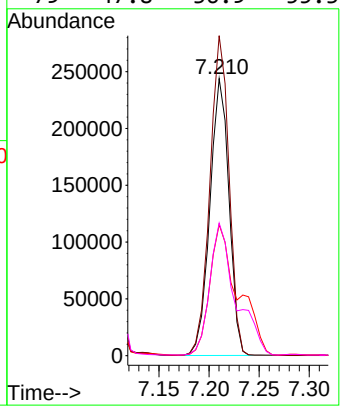


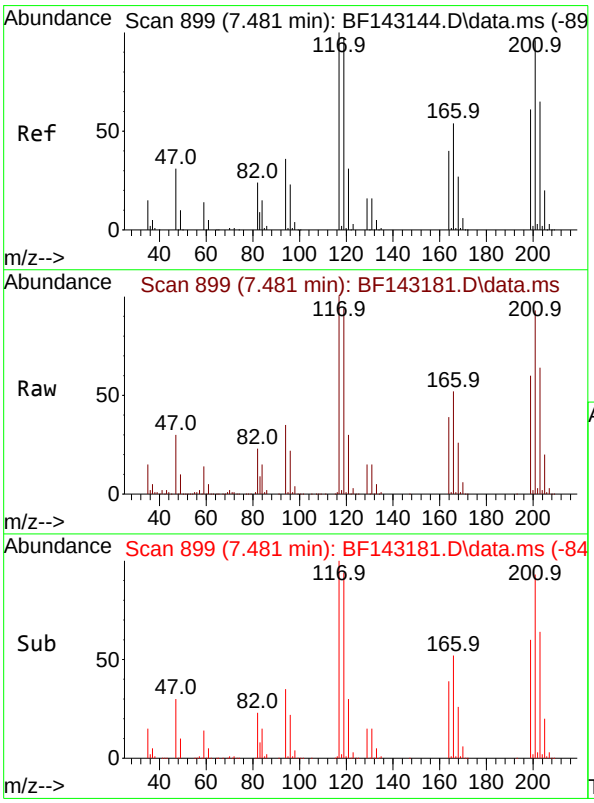

#17
2-Methylphenol
Concen: 42.538 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:107 Resp: 323602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.5 | 91.8 | 137.6 |
| 77 | 47.3 | 37.0 | 55.6 |
| 79 | 47.8 | 36.9 | 55.3 |

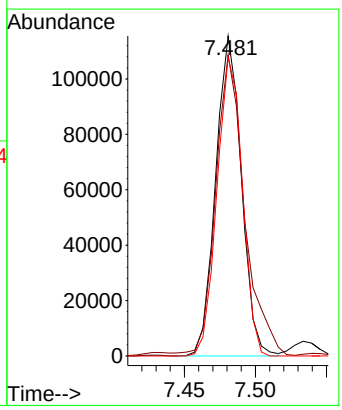


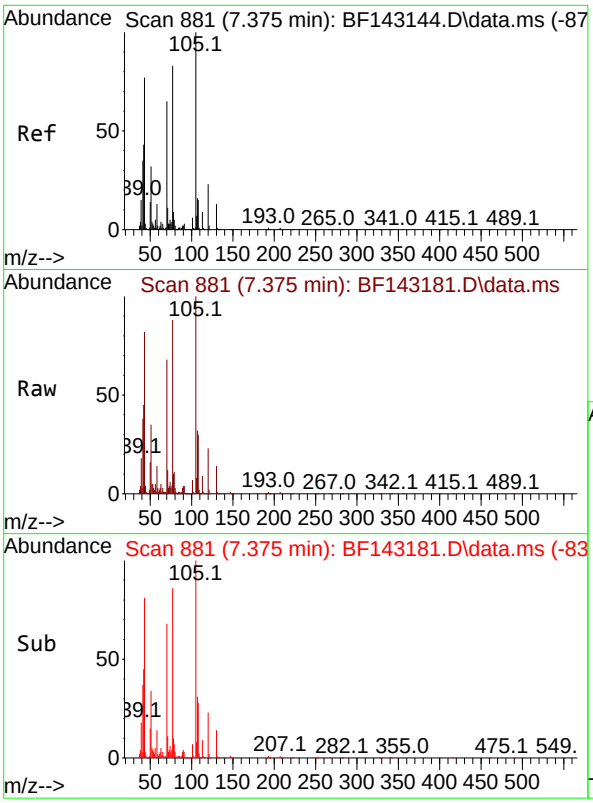




#18
Hexachloroethane
Concen: 42.489 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:117 Resp: 145589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 77.8 | 116.8 |
| 201 | 93.3 | 77.0 | 115.4 |



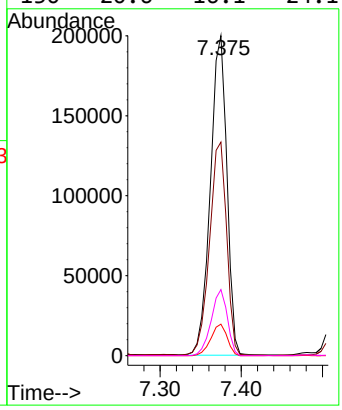


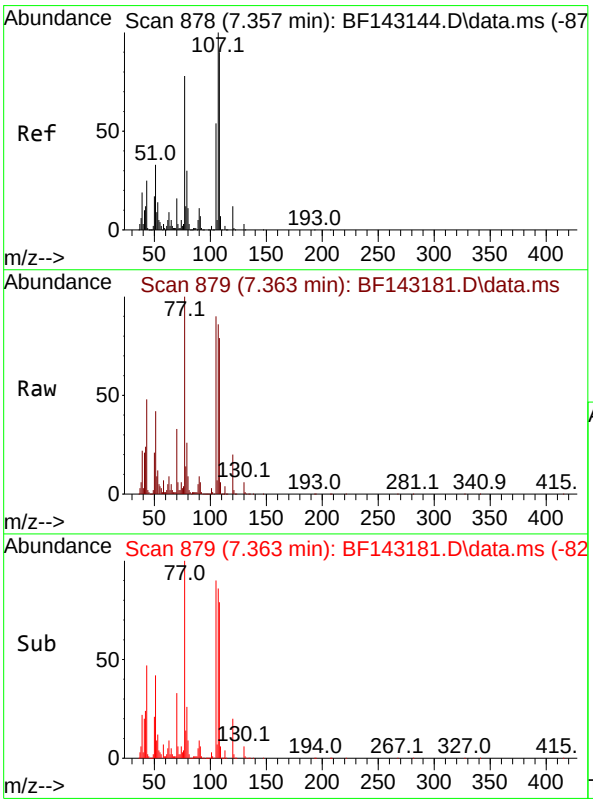

#19
n-Nitroso-di-n-propylamine
Concen: 40.484 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 70 Resp: 282181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.8 | 52.5 | 78.7 |
| 101 | 9.9 | 7.6 | 11.4 |
| 130 | 20.6 | 16.1 | 24.1 |

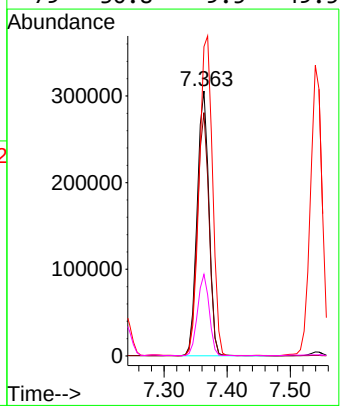


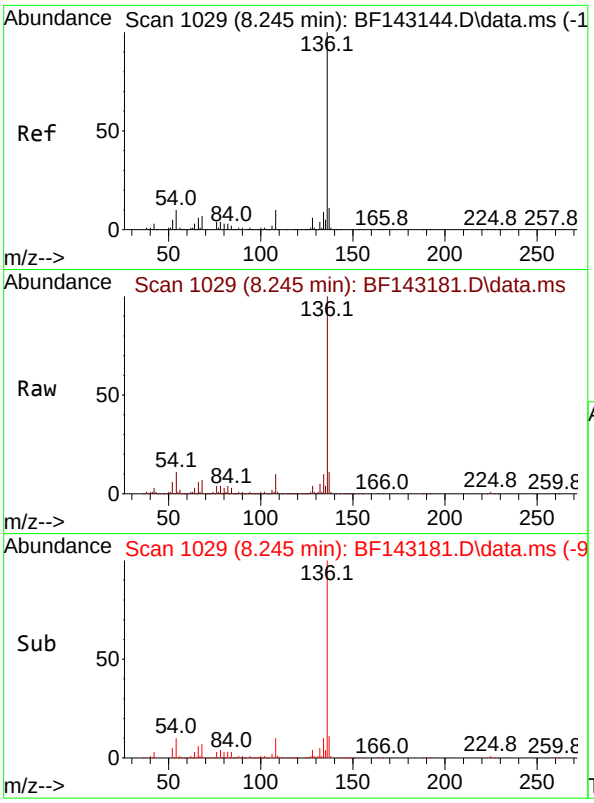




#20
3+4-Methylphenols
Concen: 42.952 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 396436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.8 | 70.0 | 110.0 |
| 77 | 116.7 | 57.8 | 97.8# |
| 79 | 30.8 | 9.5 | 49.5 |



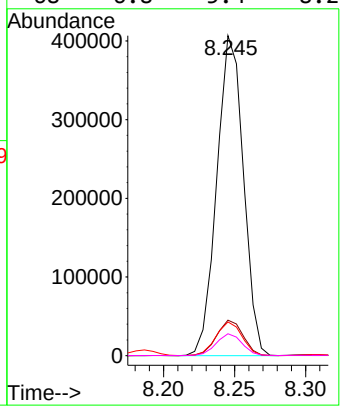


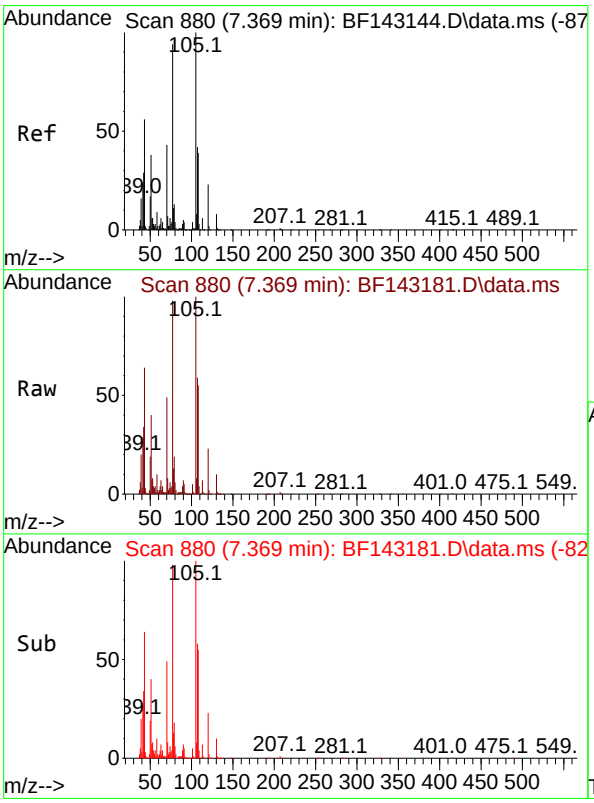

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:136 Resp: 529762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 10.6 | 8.2 | 12.2 |
| 68 | 6.8 | 5.4 | 8.2 |

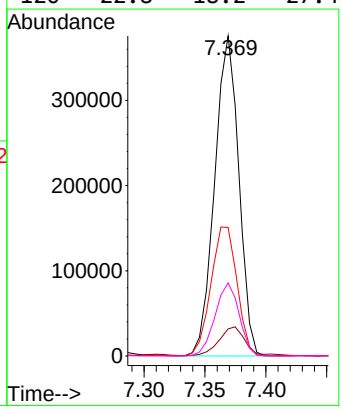


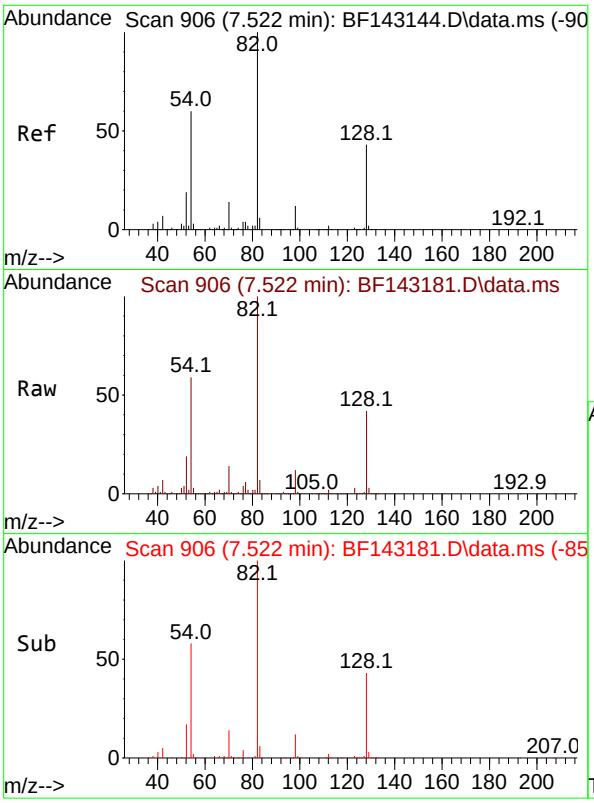




#22
Acetophenone
Concen: 41.311 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:105 Resp: 518130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.5 | 5.8 | 8.6 |
| 51 | 40.1 | 30.2 | 45.2 |
| 120 | 22.8 | 18.2 | 27.4 |



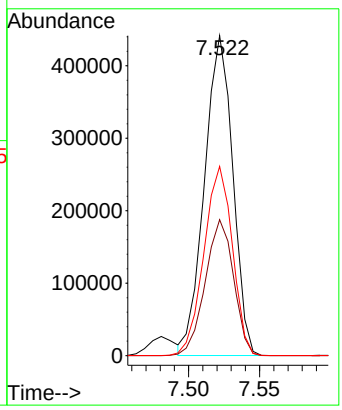


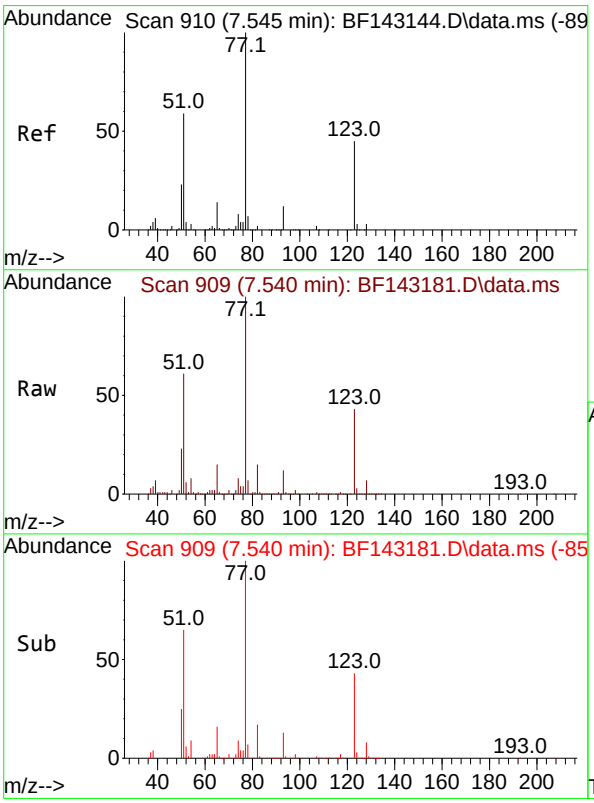

#23
Nitrobenzene-d5
Concen: 57.720 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 82 Resp: 613436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.5 | 33.6 | 50.4 |
| 54 | 59.2 | 47.1 | 70.7 |

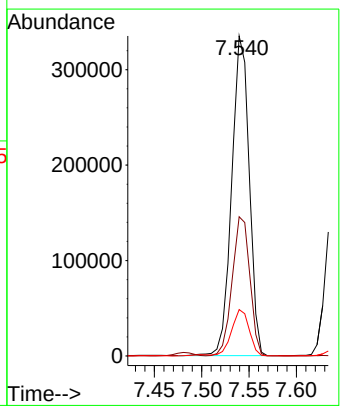


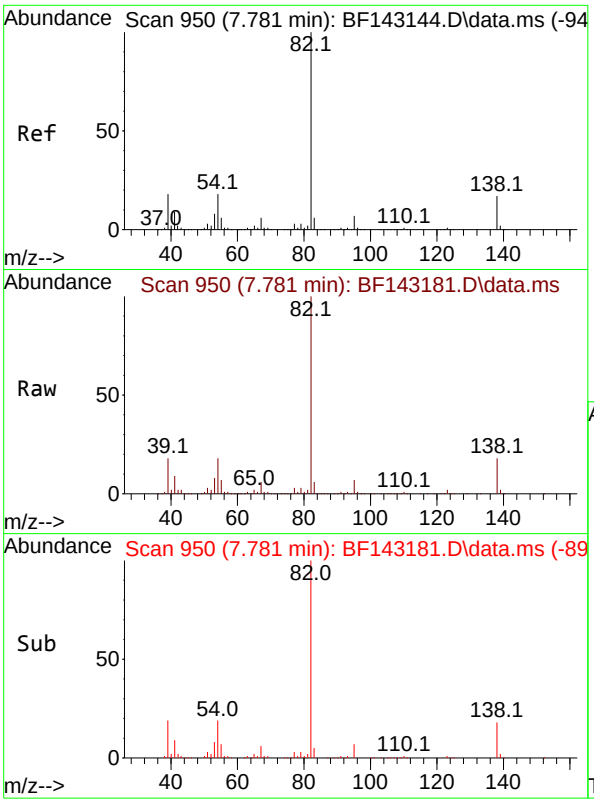




#24
Nitrobenzene
Concen: 43.395 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 77 Resp: 429974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.1 | 54.1 |
| 65 | 14.5 | 11.4 | 17.2 |



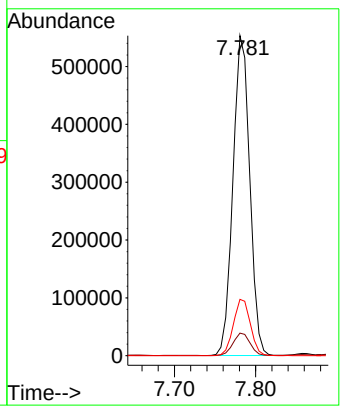


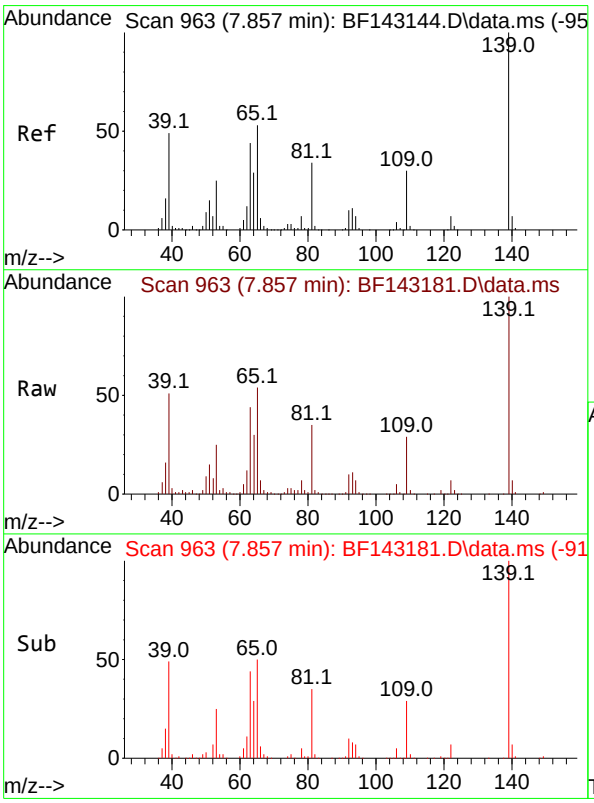

#25
Isophorone
Concen: 42.282 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 82 Resp: 793276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 17.6 | 13.8 | 20.8 |

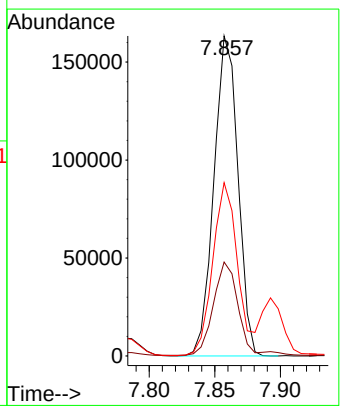


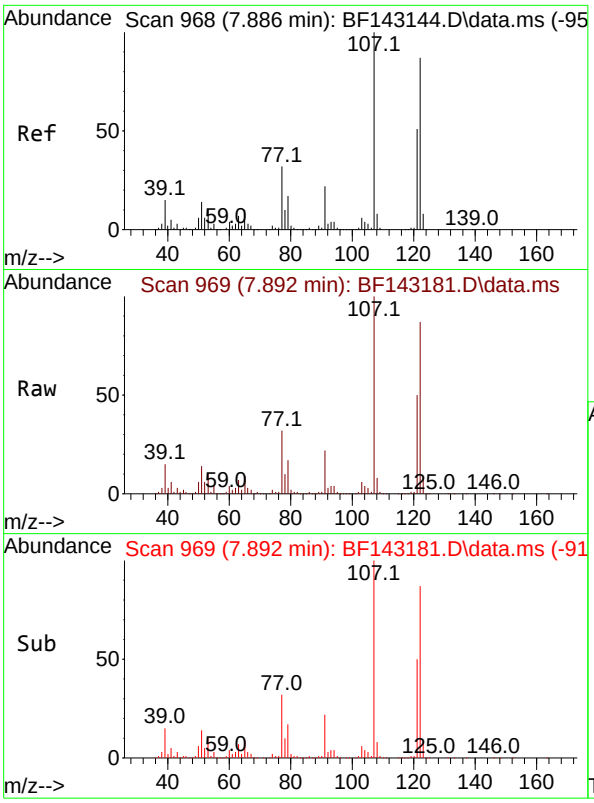




#26
2-Nitrophenol
Concen: 48.321 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 207791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.3 | 23.6 | 35.4 |
| 65 | 54.2 | 42.6 | 64.0 |



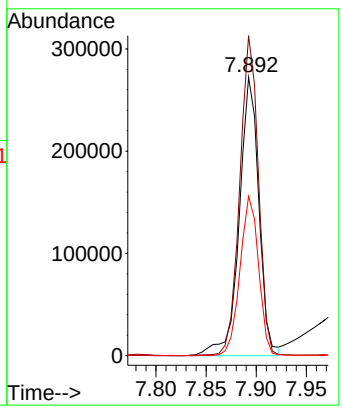


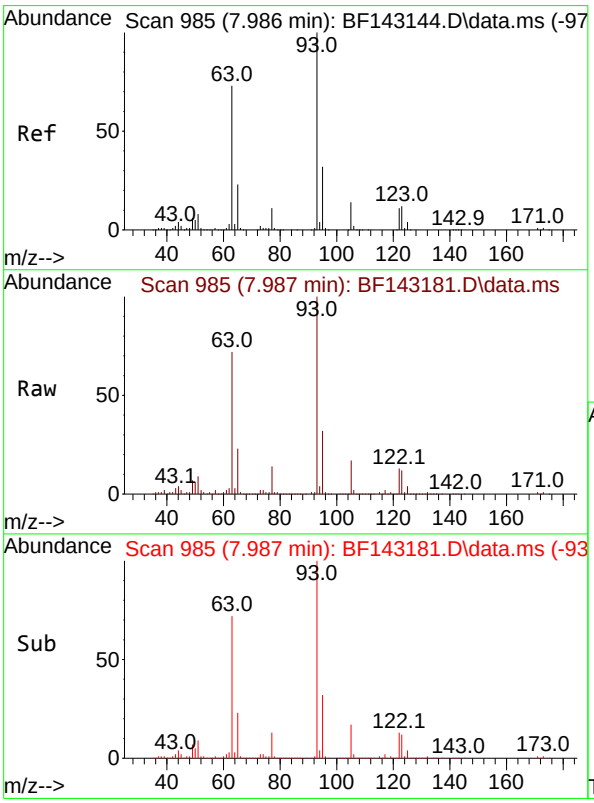

#27
2,4-Dimethylphenol
Concen: 42.358 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:122 Resp: 371287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.9 | 91.8 | 137.6 |
| 121 | 57.2 | 46.3 | 69.5 |

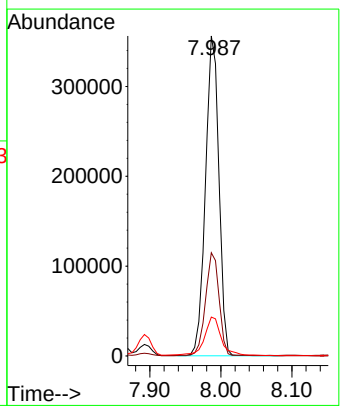


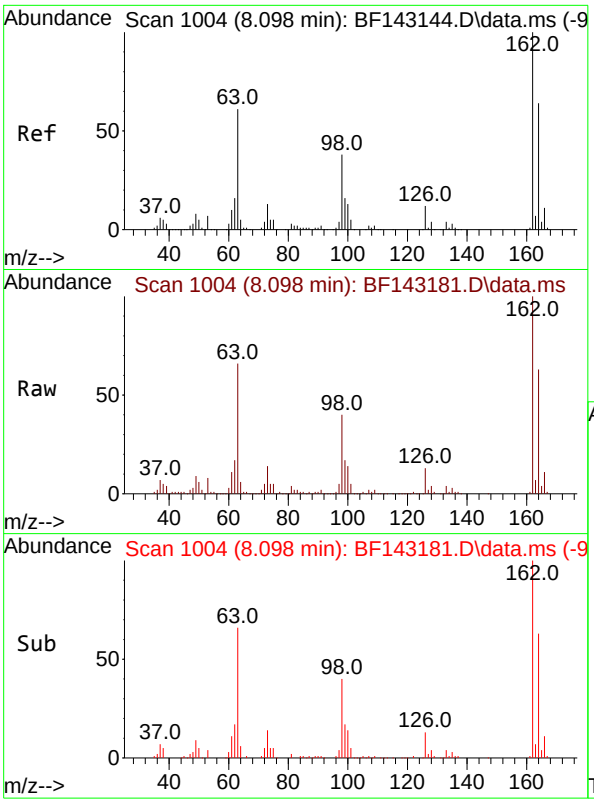




#28
bis(2-Chloroethoxy)methane
Concen: 41.702 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 93 Resp: 469100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 25.8 | 38.6 |
| 123 | 12.2 | 9.7 | 14.5 |



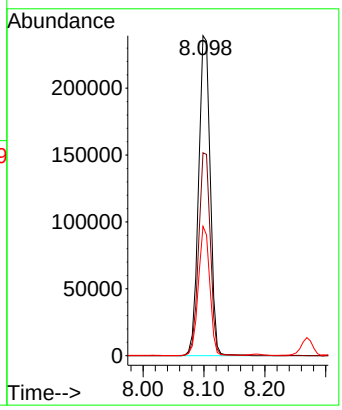


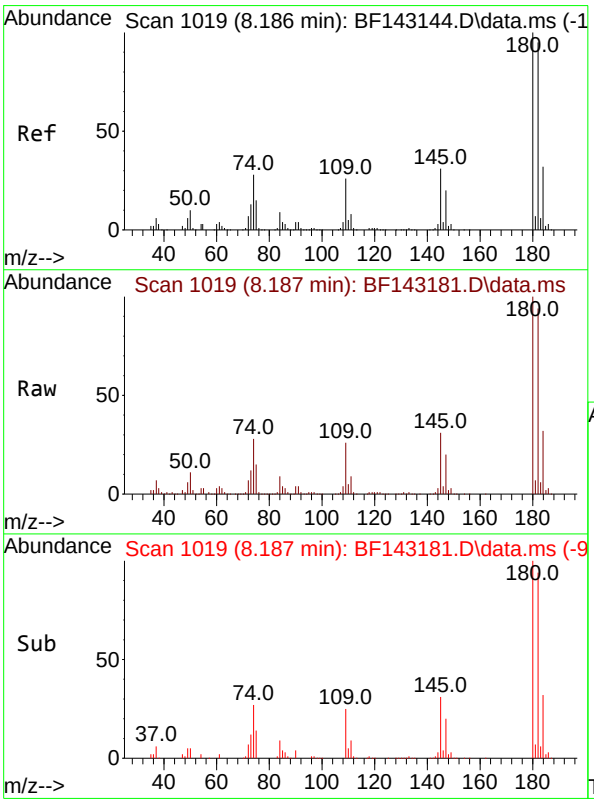

#29
2,4-Dichlorophenol
Concen: 42.863 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:162 Resp: 316852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 44.2 | 84.2 |
| 98 | 40.4 | 17.9 | 57.9 |

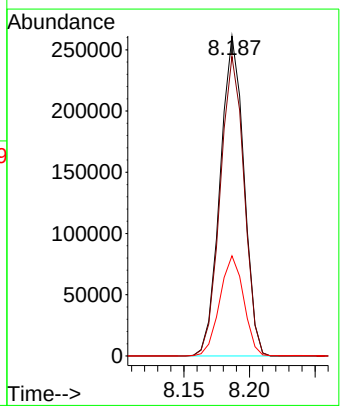


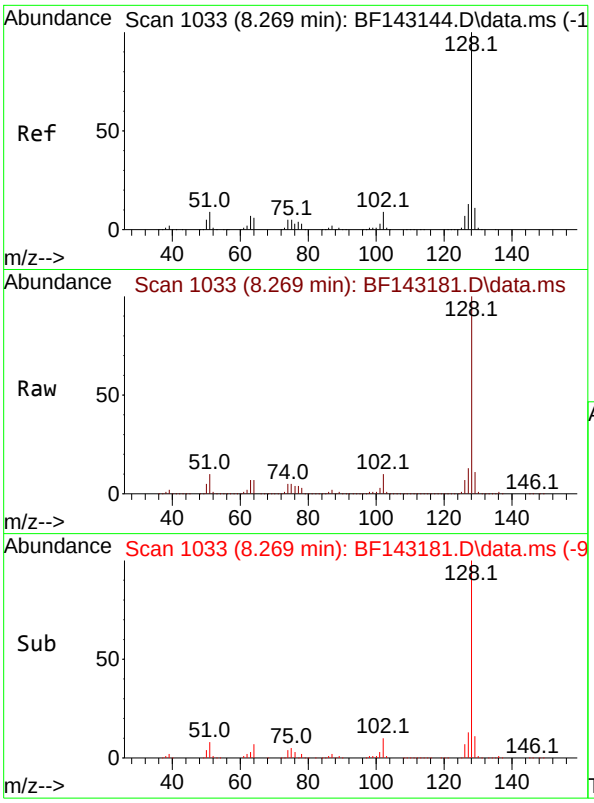




#30
1,2,4-Trichlorobenzene
Concen: 41.232 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:180 Resp: 329282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 76.2 | 114.2 |
| 145 | 31.3 | 25.0 | 37.6 |



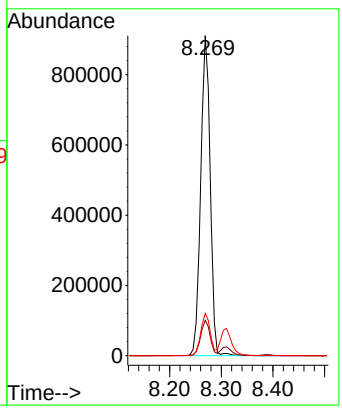


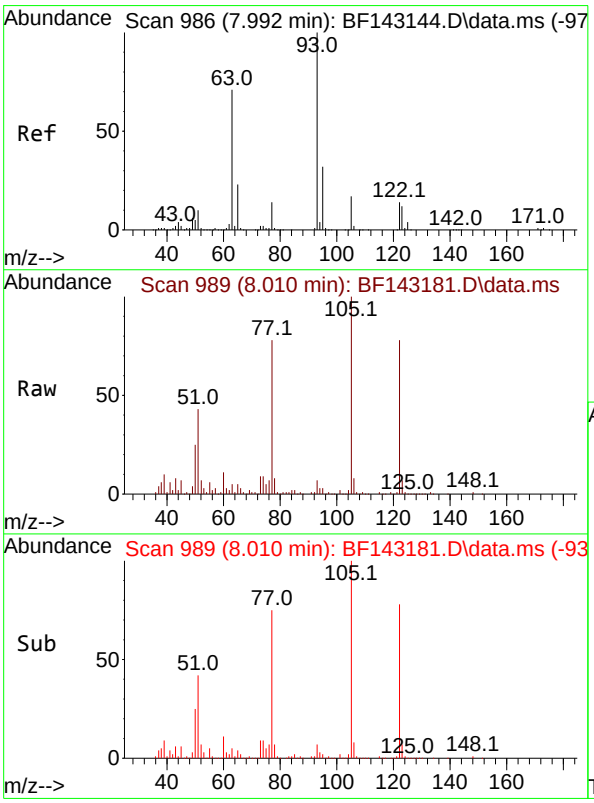

#31
Naphthalene
Concen: 44.458 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:128 Resp: 1159919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.2 | 10.6 | 16.0 |

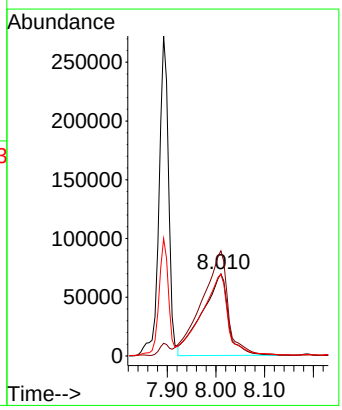


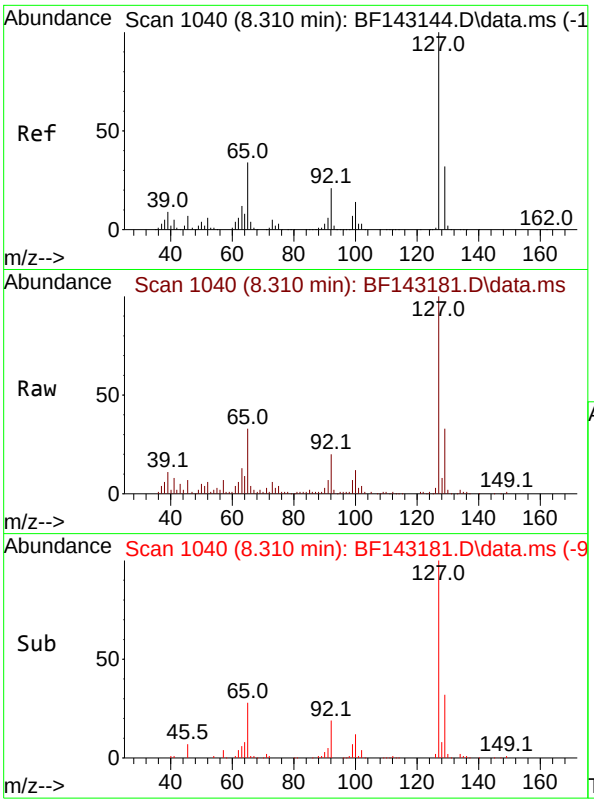




#32
Benzoic acid
Concen: 52.195 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:122 Resp: 260227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.1 | 104.8 | 144.8 |
| 77 | 99.6 | 77.6 | 117.6 |



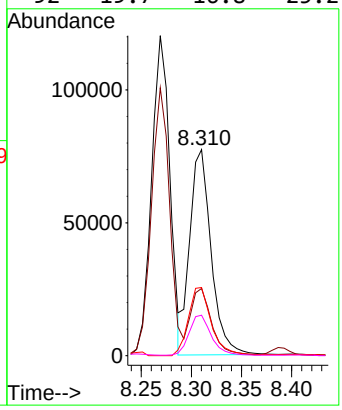


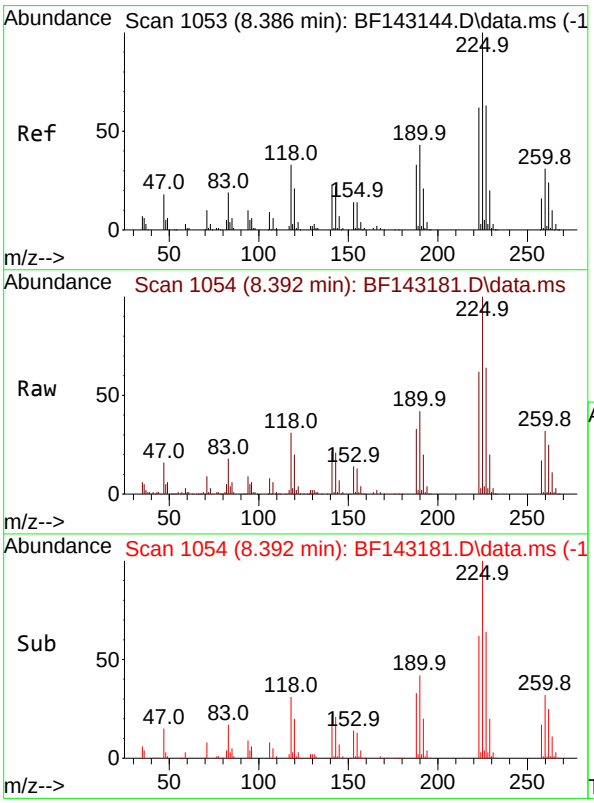

#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:127 Resp: 114890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.0 | 39.0 |
| 65 | 33.1 | 27.4 | 41.2 |
| 92 | 19.7 | 16.8 | 25.2 |

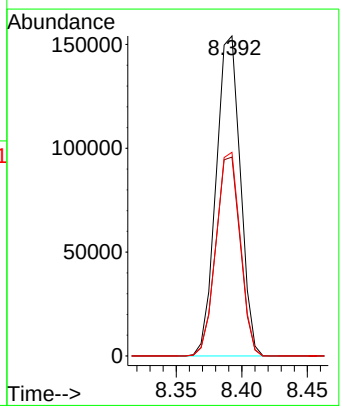


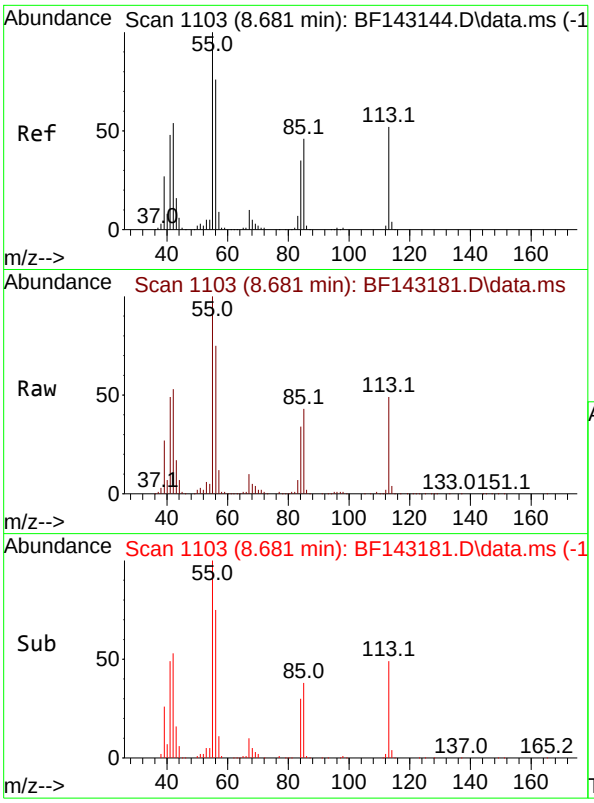




#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:225 Resp: 197888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.8 | 74.6 |
| 227 | 63.7 | 50.2 | 75.4 |



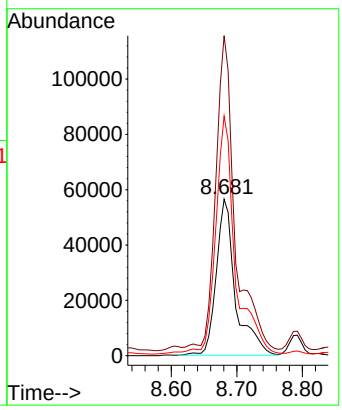


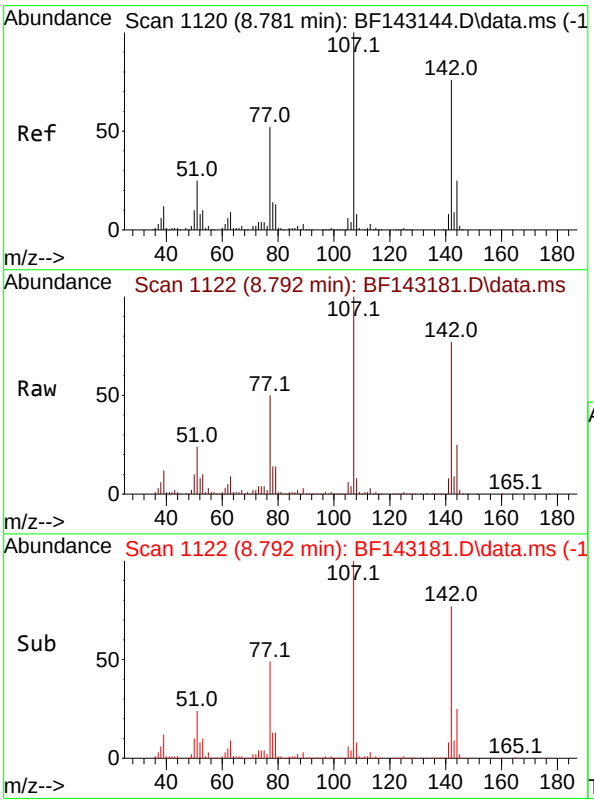

#35
Caprolactam
Concen: 51.232 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:113 Resp: 114441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 204.6 | 174.0 | 214.0 |
| 56 | 153.2 | 126.6 | 166.6 |

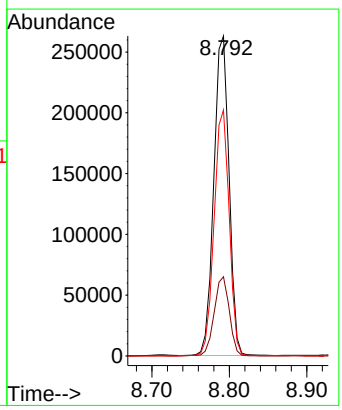


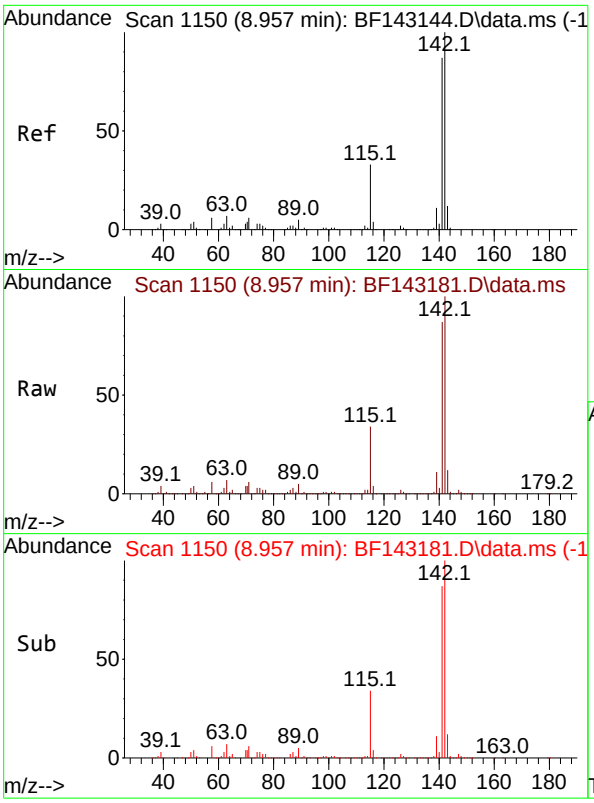




#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 358269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 19.8 | 29.6 |
| 142 | 76.9 | 60.6 | 90.8 |



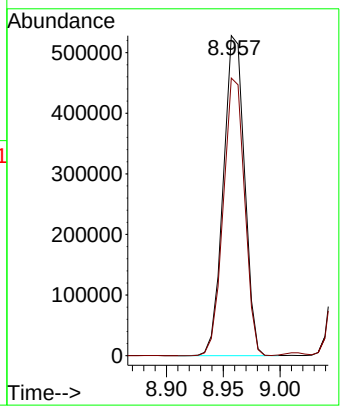


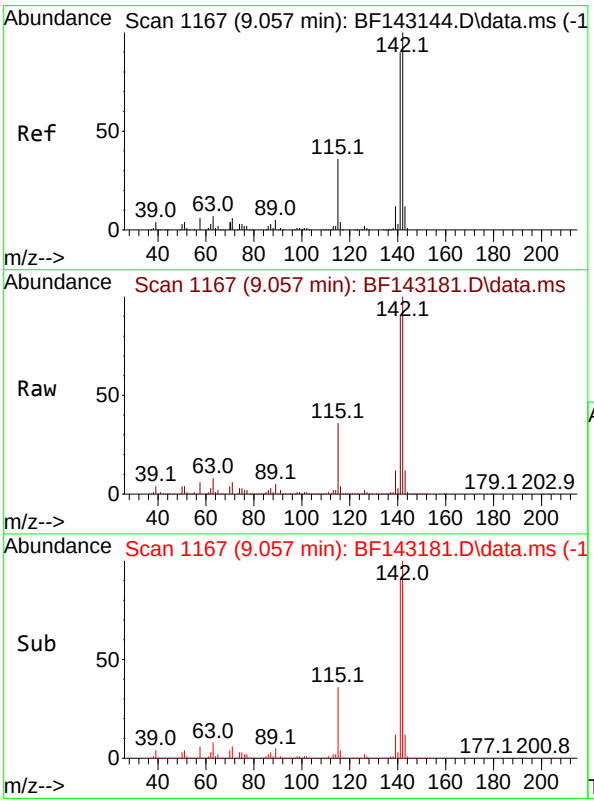

#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:142 Resp: 686312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 69.9 | 104.9 |

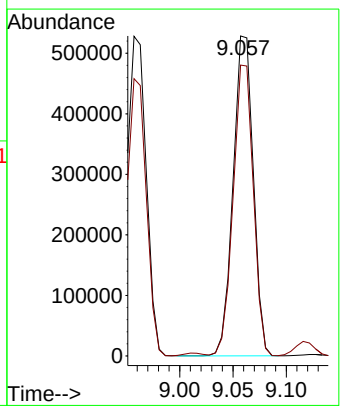


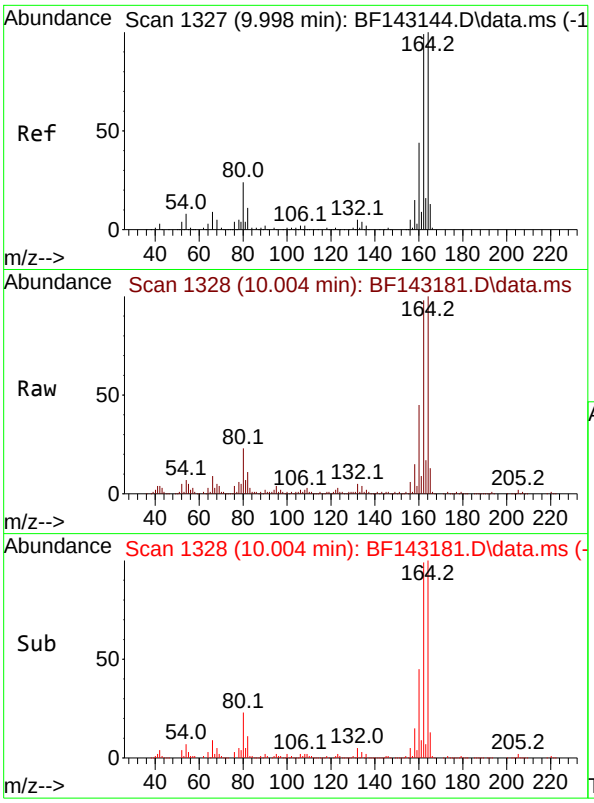




#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:142 Resp: 697758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 72.3 | 108.5 |



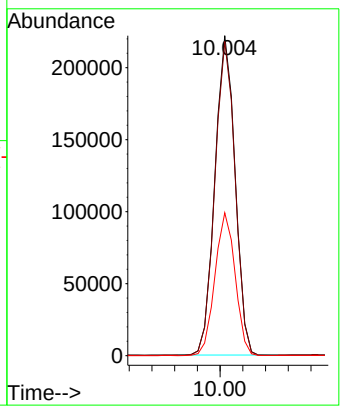


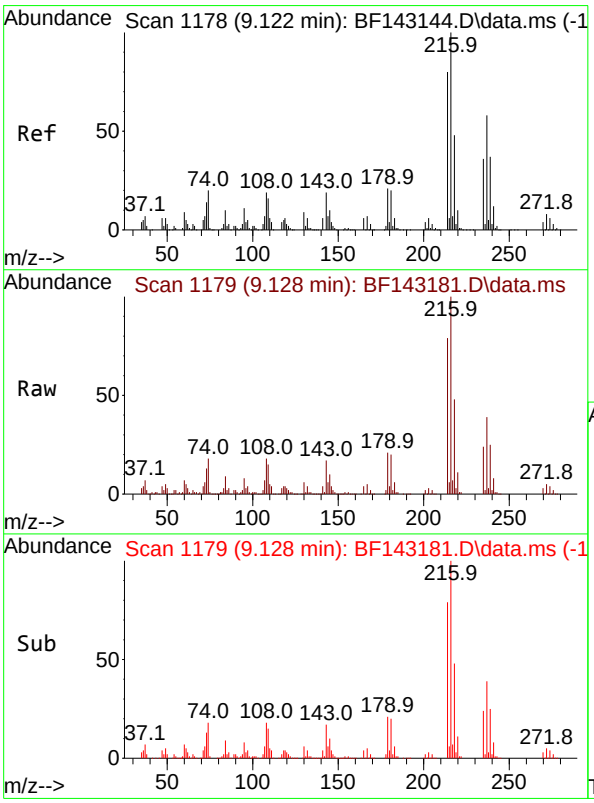

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:164 Resp: 274462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.2 | 79.0 | 118.6 |
| 160 | 44.7 | 35.1 | 52.7 |

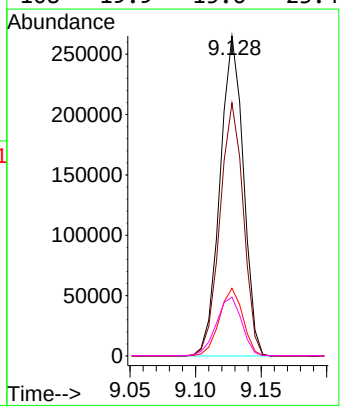


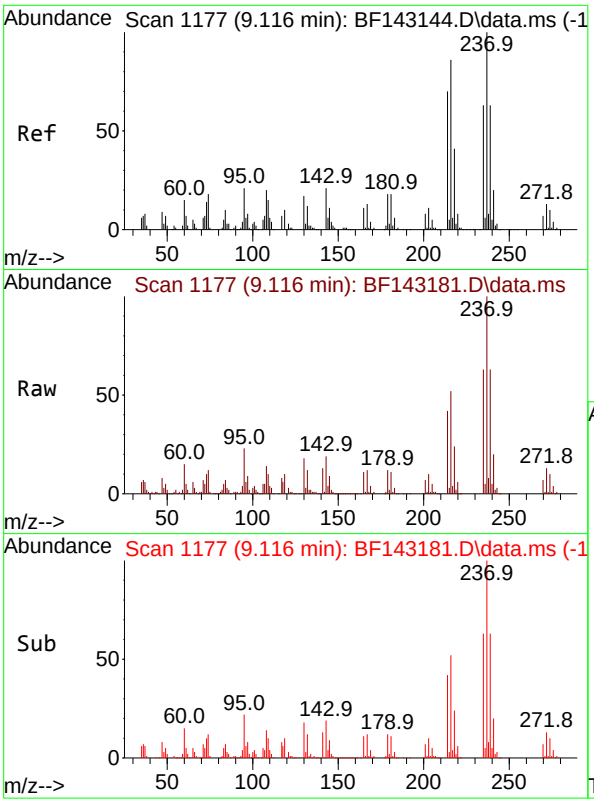




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.506 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:216 Resp: 328897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 63.8 | 95.8 |
| 179 | 21.2 | 16.4 | 24.6 |
| 108 | 19.9 | 15.6 | 23.4 |



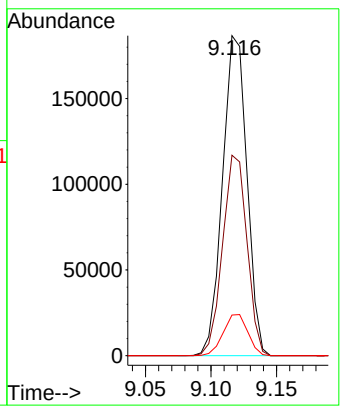


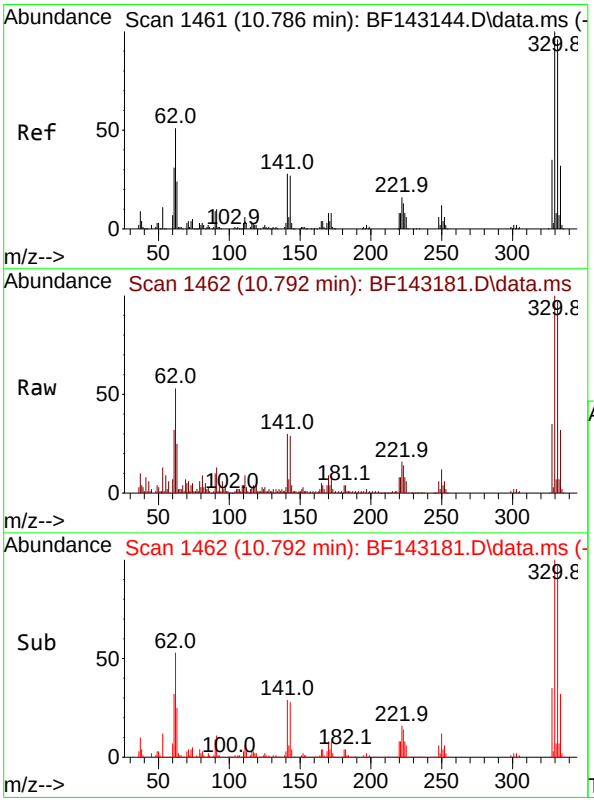

#41
Hexachlorocyclopentadiene
Concen: 46.829 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:237 Resp: 241446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.6 | 43.0 | 83.0 |
| 272 | 12.7 | 0.0 | 33.3 |

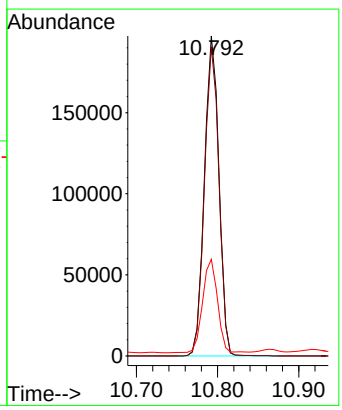


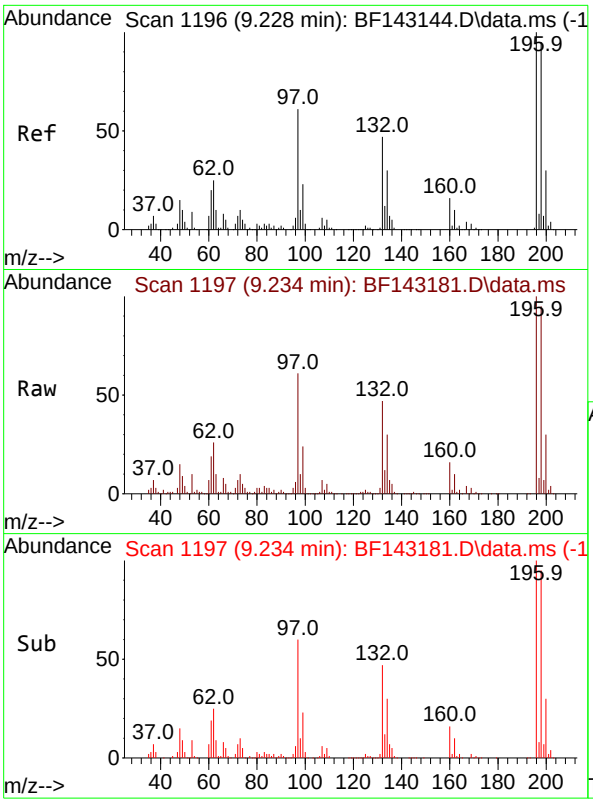




#42
2,4,6-Tribromophenol
Concen: 86.354 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:330 Resp: 244844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.7 | 115.1 |
| 141 | 29.8 | 23.3 | 34.9 |



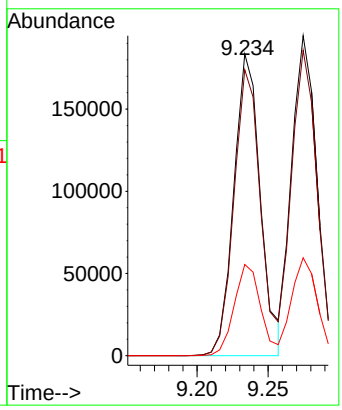


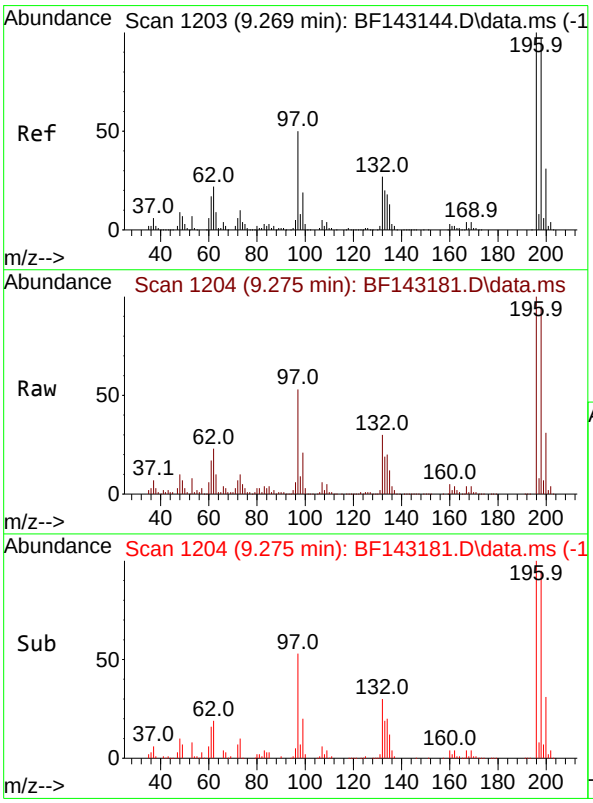

#43
2,4,6-Trichlorophenol
Concen: 43.470 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:196 Resp: 238395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 76.2 | 114.2 |
| 200 | 30.2 | 23.9 | 35.9 |

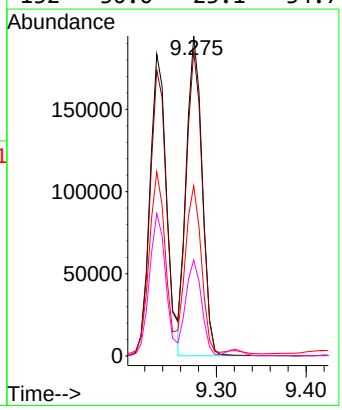


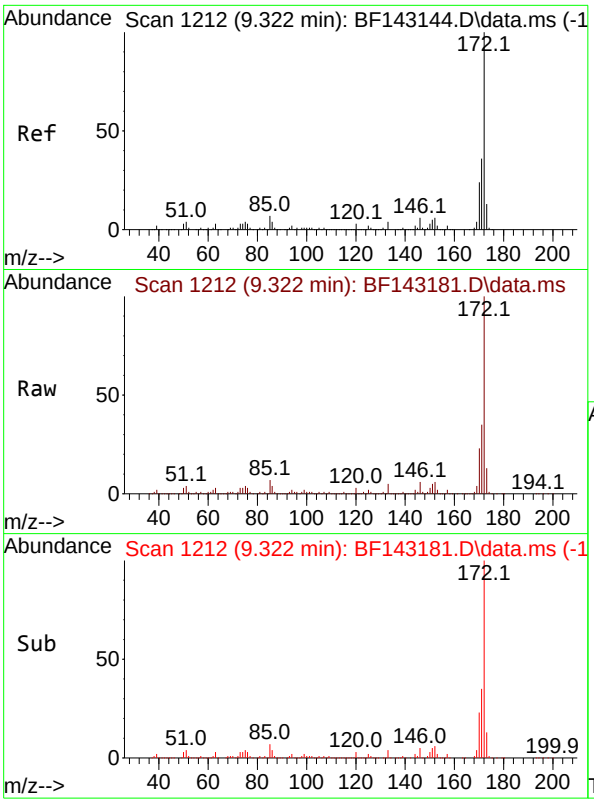




#44
2,4,5-Trichlorophenol
Concen: 43.512 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:196 Resp: 238695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 77.3 | 115.9 |
| 97 | 53.2 | 40.3 | 60.5 |
| 132 | 30.0 | 23.1 | 34.7 |



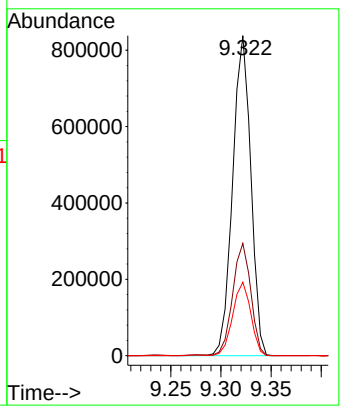


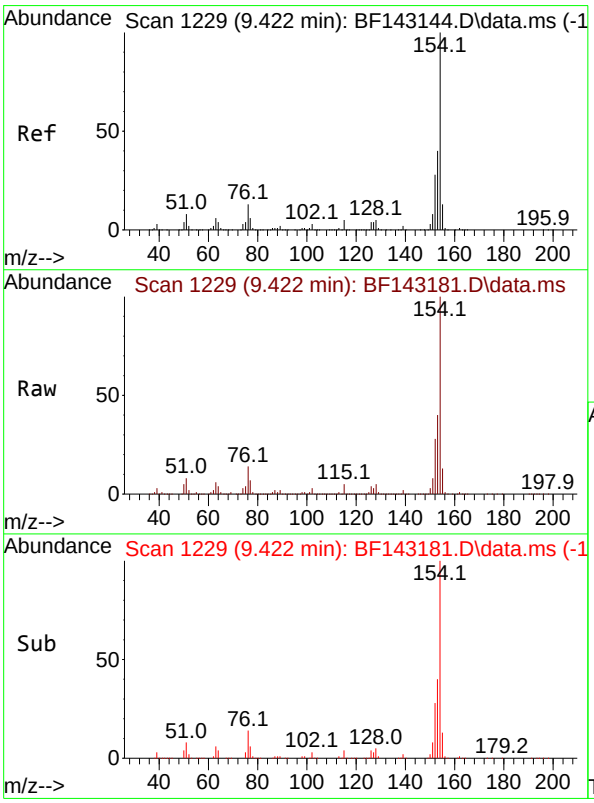

#45
2-Fluorobiphenyl
Concen: 52.801 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:172 Resp: 1059631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.6 | 42.8 |
| 170 | 23.0 | 18.8 | 28.2 |

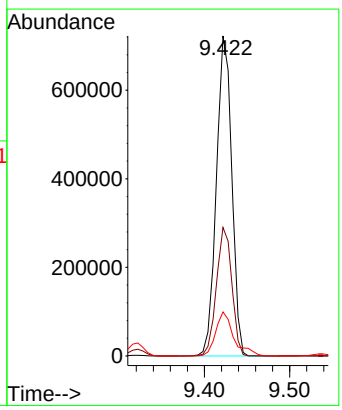


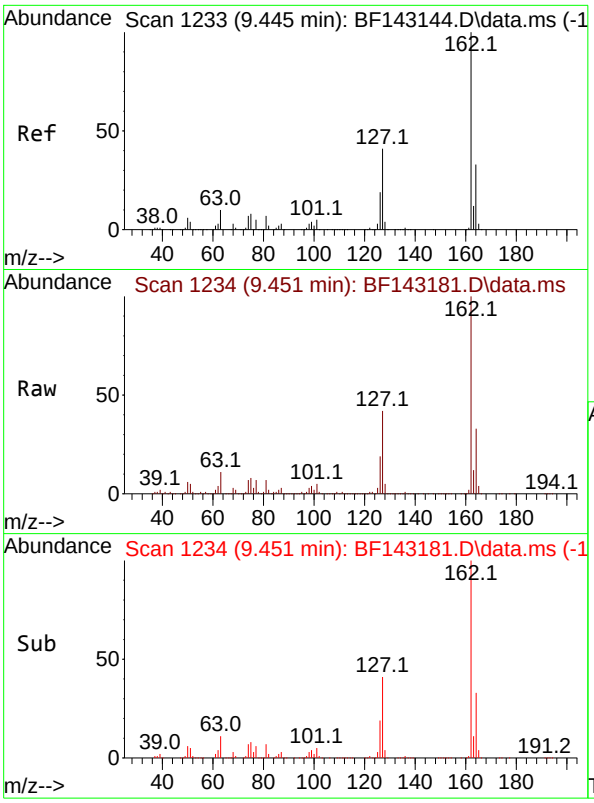




#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 906851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 13.7 | 0.0 | 33.3 |



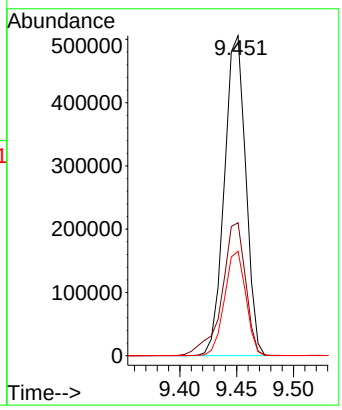


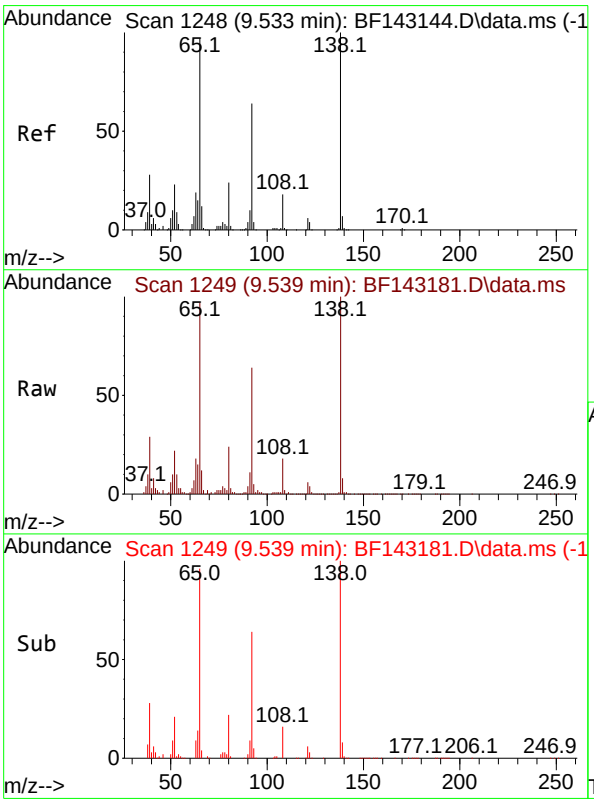

#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:162 Resp: 661581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.5 | 33.4 | 50.2 |
| 164 | 32.7 | 26.2 | 39.2 |

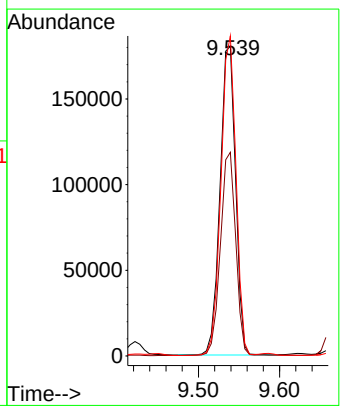


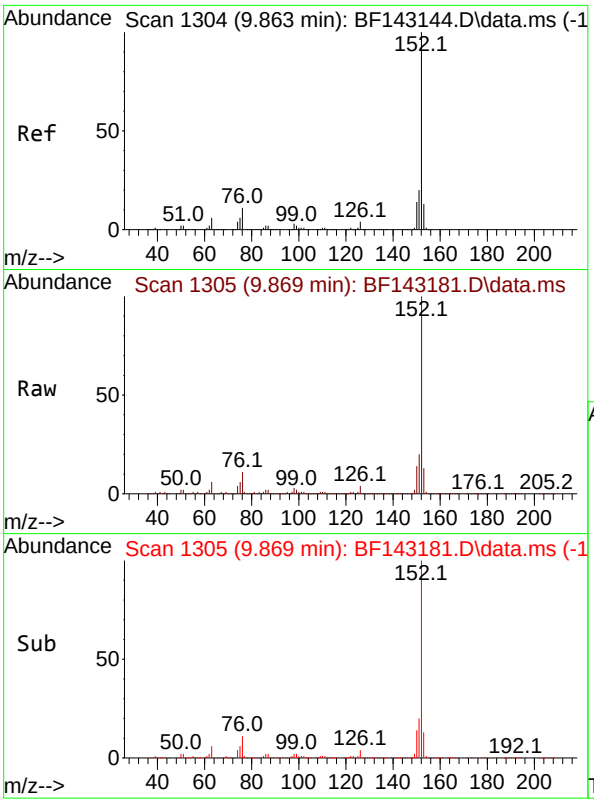




#48
2-Nitroaniline
Concen: 48.368 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion: 65 Resp: 240330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.7 | 52.4 | 78.6 |
| 138 | 103.3 | 82.3 | 123.5 |



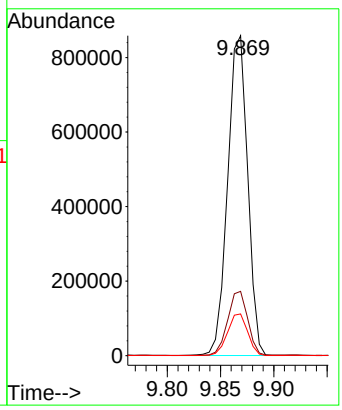


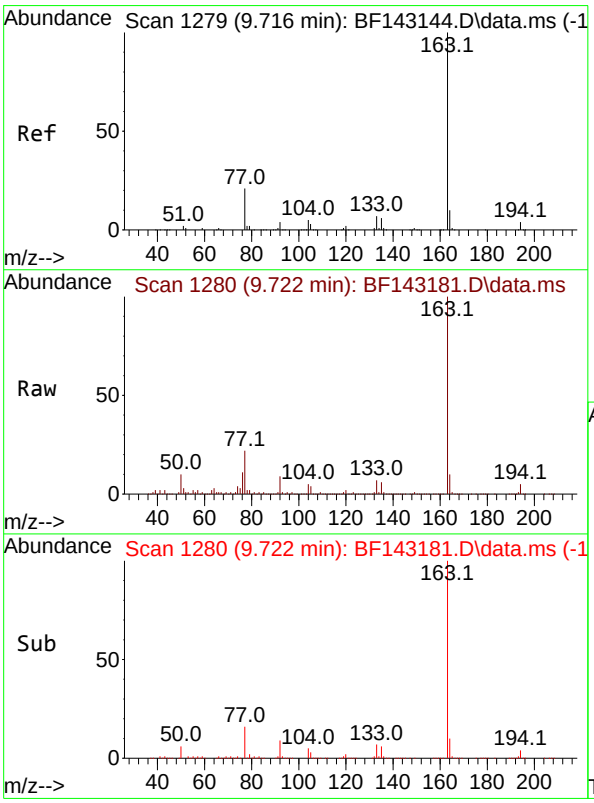

#49
Acenaphthylene
Concen: 42.250 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:152 Resp: 1121862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 16.0 |

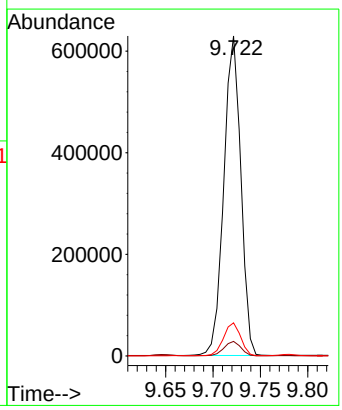


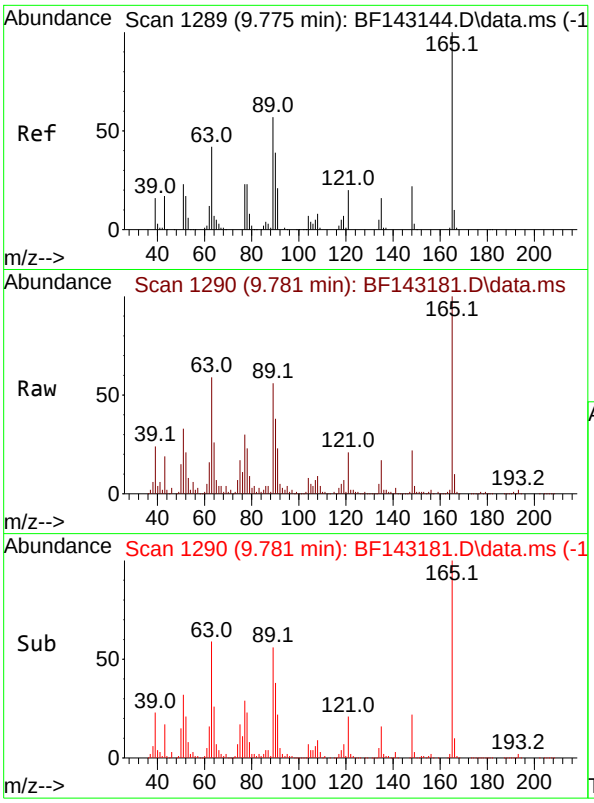




#50
Dimethylphthalate
Concen: 43.933 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:163 Resp: 785971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |



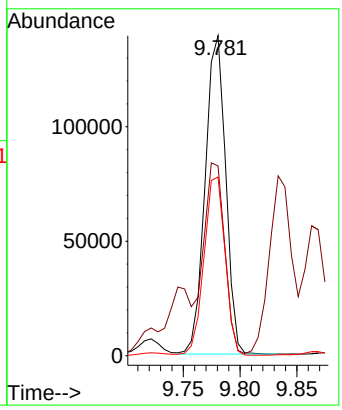


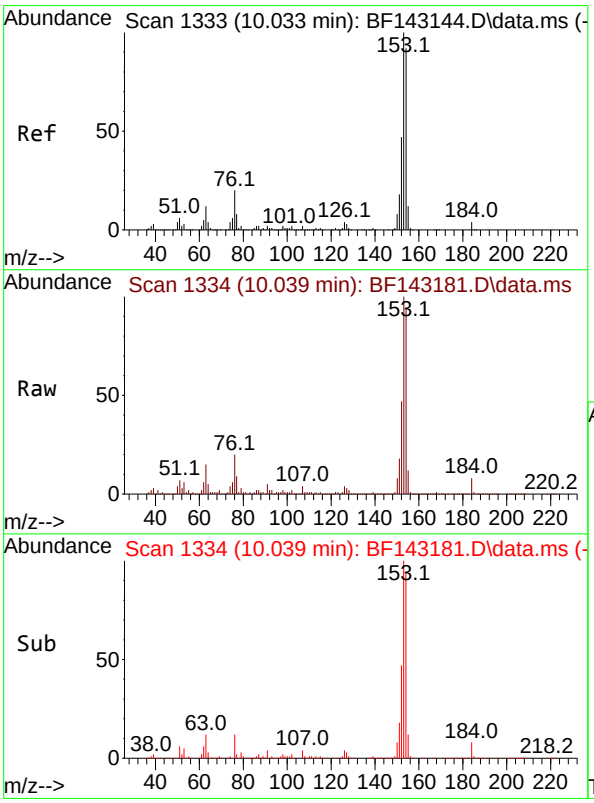

#51
2,6-Dinitrotoluene
Concen: 48.027 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:165 Resp: 174789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.3 | 49.4 | 74.2 |
| 89 | 55.8 | 46.2 | 69.2 |

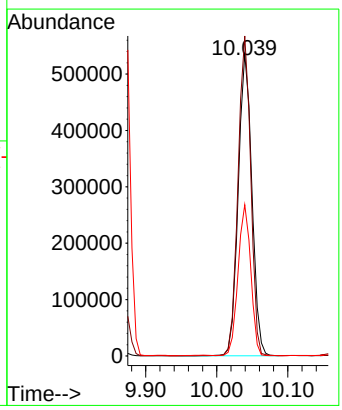


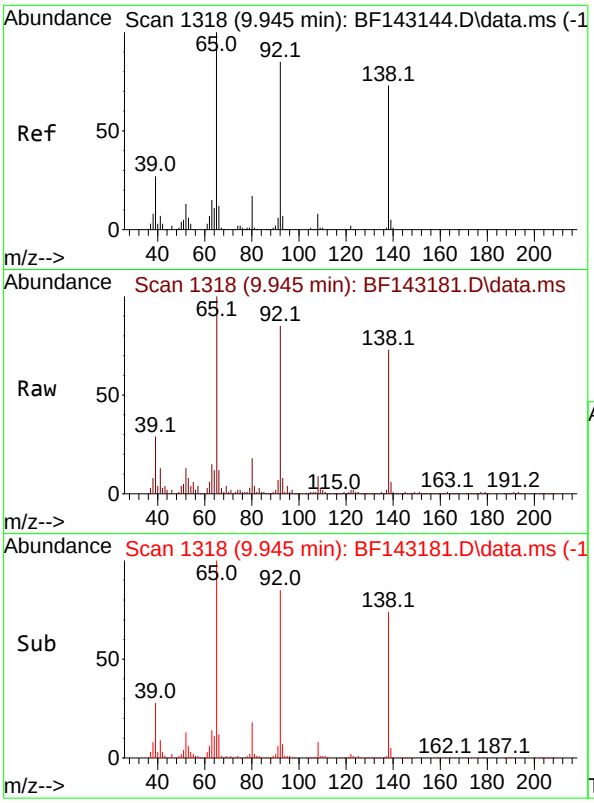




#52
Acenaphthene
Concen: 45.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:154 Resp: 717249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.9 | 86.6 | 129.8 |
| 152 | 50.0 | 40.4 | 60.6 |



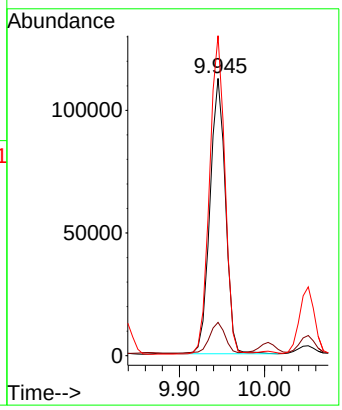


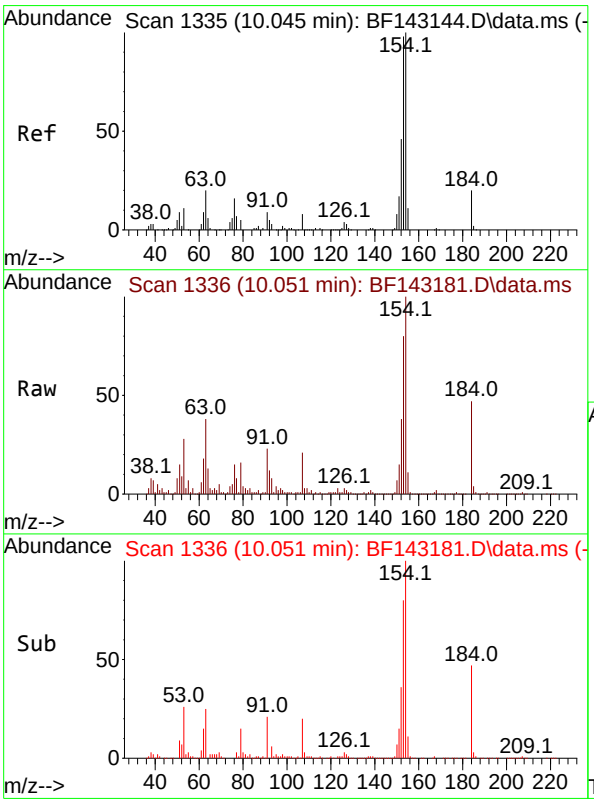

#53
3-Nitroaniline
Concen: 33.307 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:138 Resp: 141784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.0 | 9.0 | 13.6 |
| 92 | 115.4 | 93.0 | 139.4 |

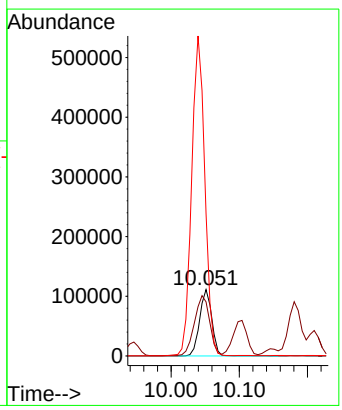


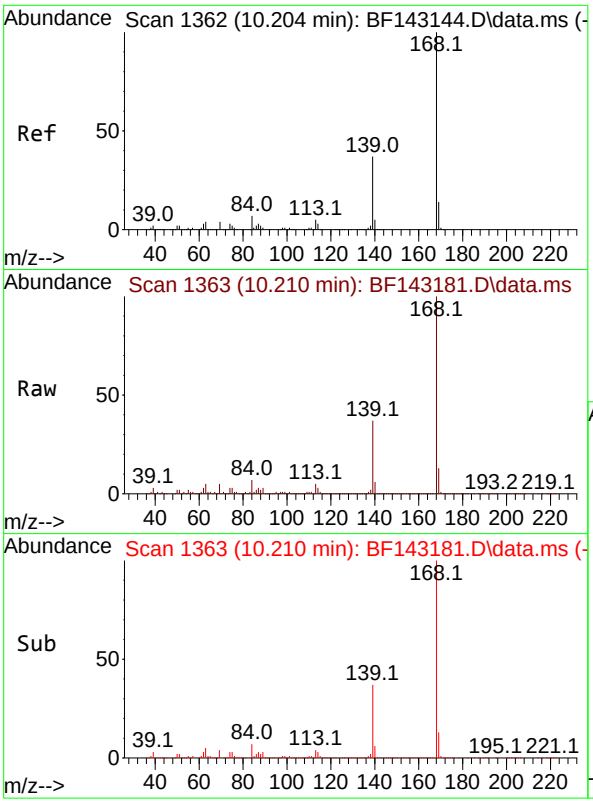




#54
2,4-Dinitrophenol
Concen: 83.480 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:184 Resp: 138218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 81.4 | 81.8 | 122.6# |
| 154 | 214.4 | 412.2 | 618.4# |



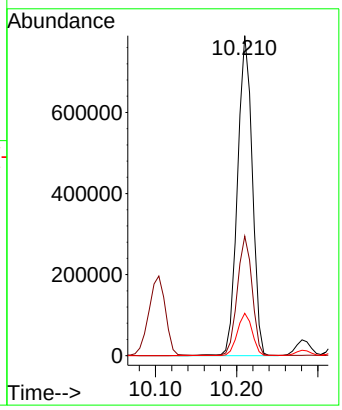


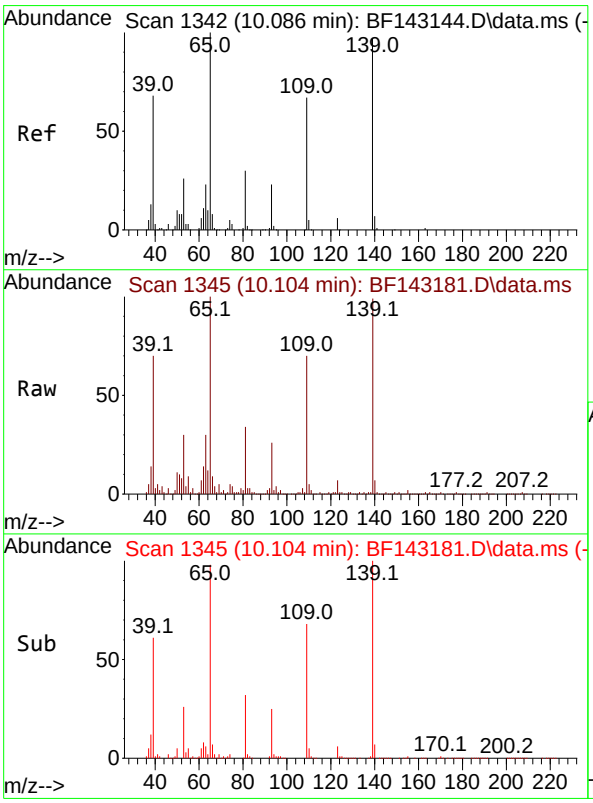

#55
Dibenzofuran
Concen: 42.608 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:168 Resp: 992798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.5 | 44.3 |
| 169 | 13.3 | 10.9 | 16.3 |

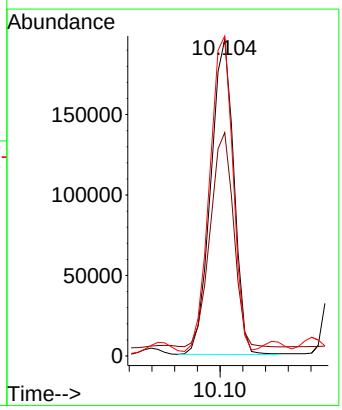


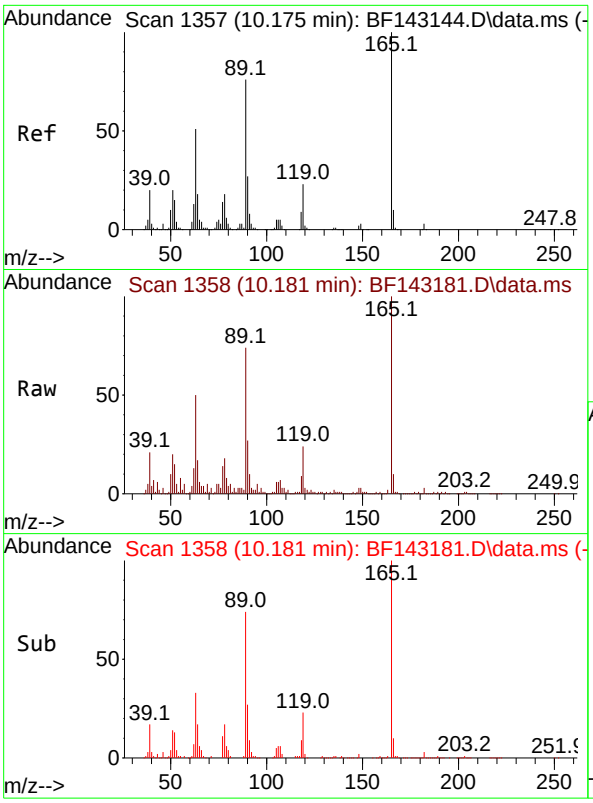




#56
4-Nitrophenol
Concen: 87.047 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 276705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.6 | 48.5 | 88.5 |
| 65 | 101.1 | 83.4 | 123.4 |



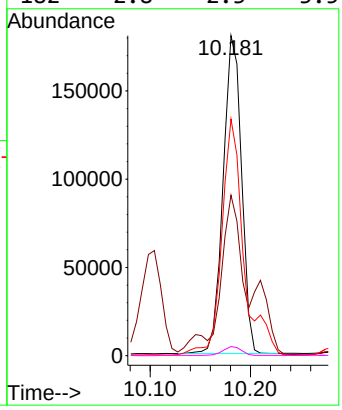


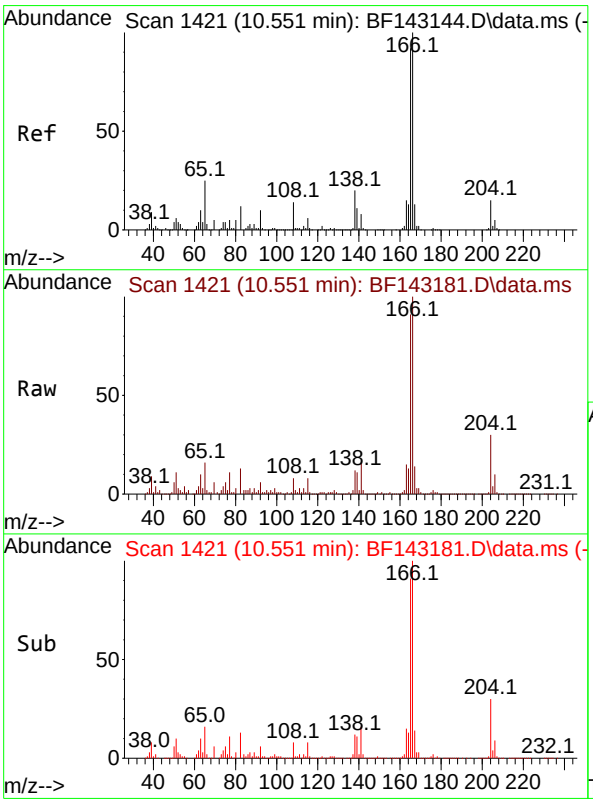

#57
2,4-Dinitrotoluene
Concen: 50.245 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:165 Resp: 229420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.2 | 41.0 | 61.4 |
| 89 | 73.9 | 61.1 | 91.7 |
| 182 | 2.8 | 2.3 | 3.5 |

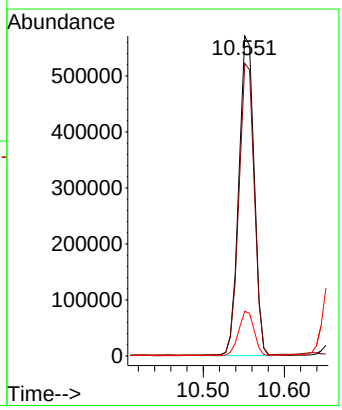


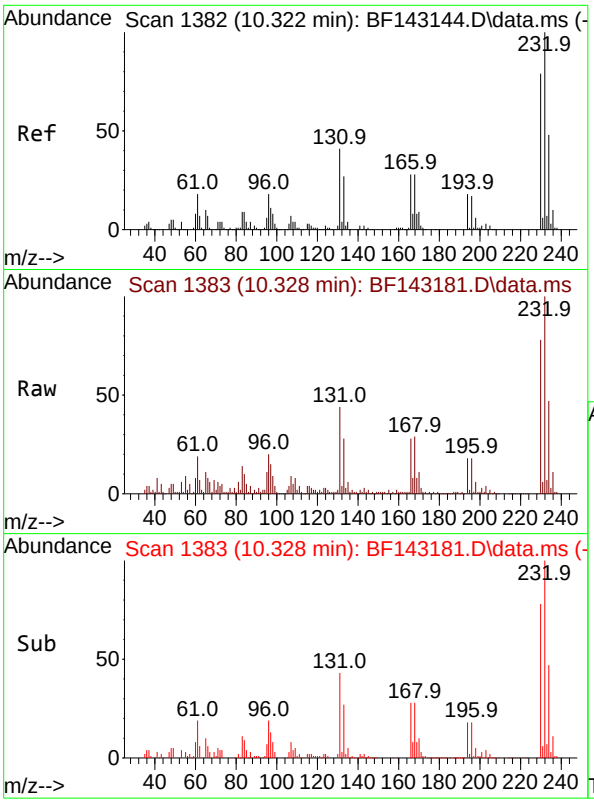




#58
Fluorene
Concen: 42.649 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:166 Resp: 745825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.4 | 73.7 | 110.5 |
| 167 | 14.0 | 10.6 | 16.0 |



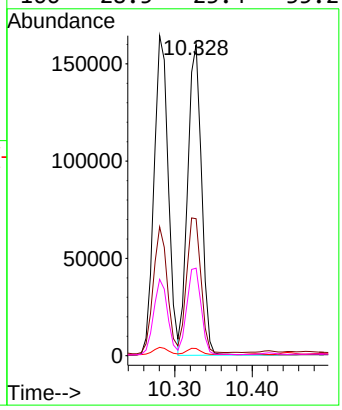


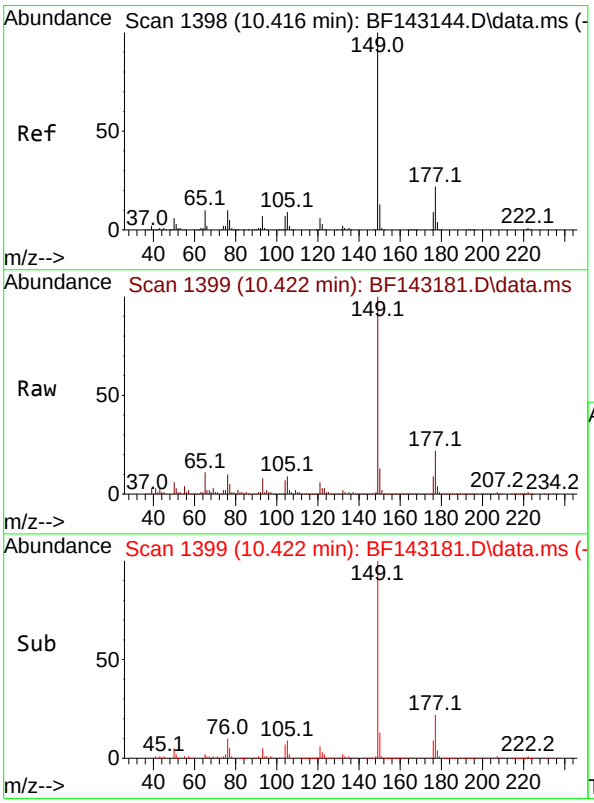

#59
2,3,4,6-Tetrachlorophenol
Concen: 43.788 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:232 Resp: 198979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.4 | 35.3 | 52.9 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 28.5 | 23.4 | 35.2 |

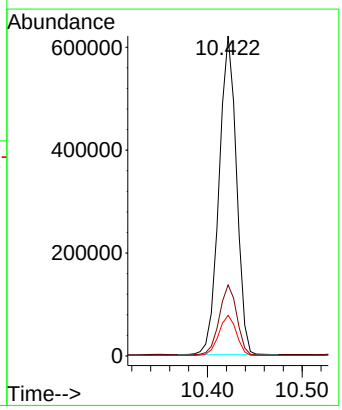


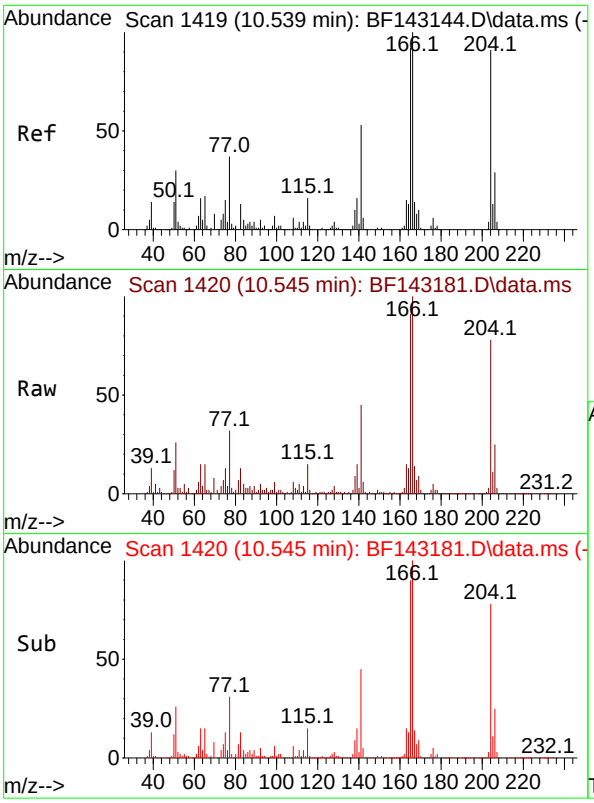




#60
Diethylphthalate
Concen: 44.896 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 793884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.5 | 26.3 |
| 150 | 12.7 | 10.2 | 15.2 |



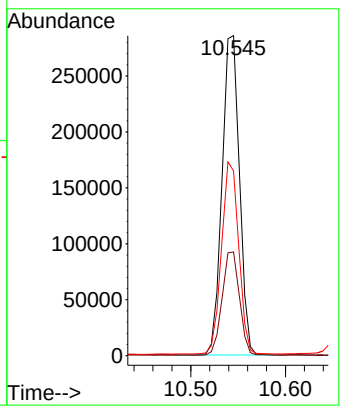


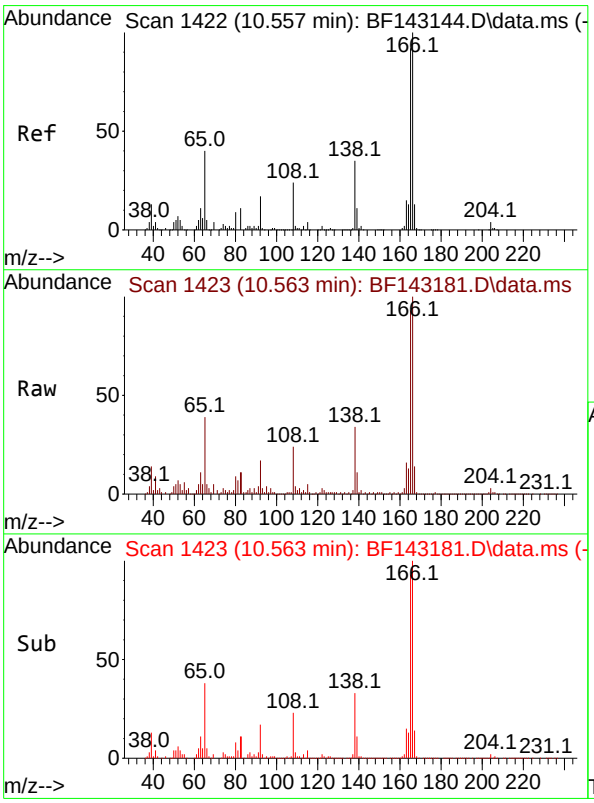

#61
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:204 Resp: 365015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.8 | 38.8 |
| 141 | 57.7 | 47.0 | 70.4 |

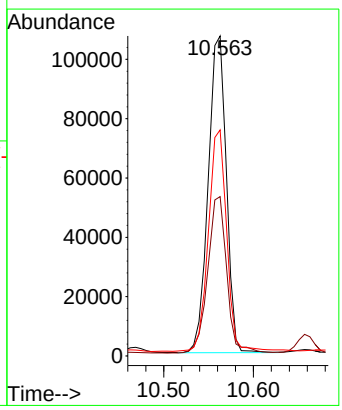


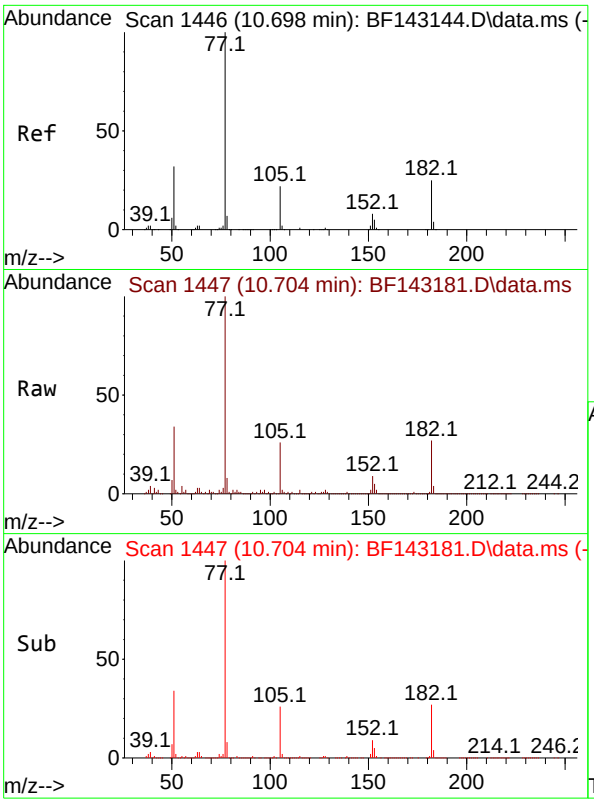




#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:138 Resp: 150125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.8 | 29.3 | 69.3 |
| 108 | 70.6 | 48.3 | 88.3 |



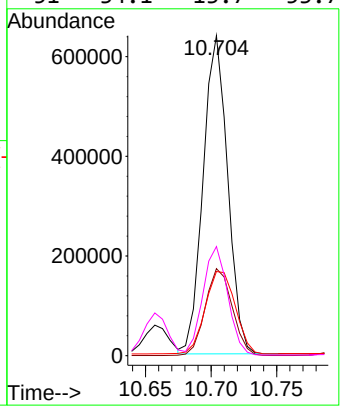


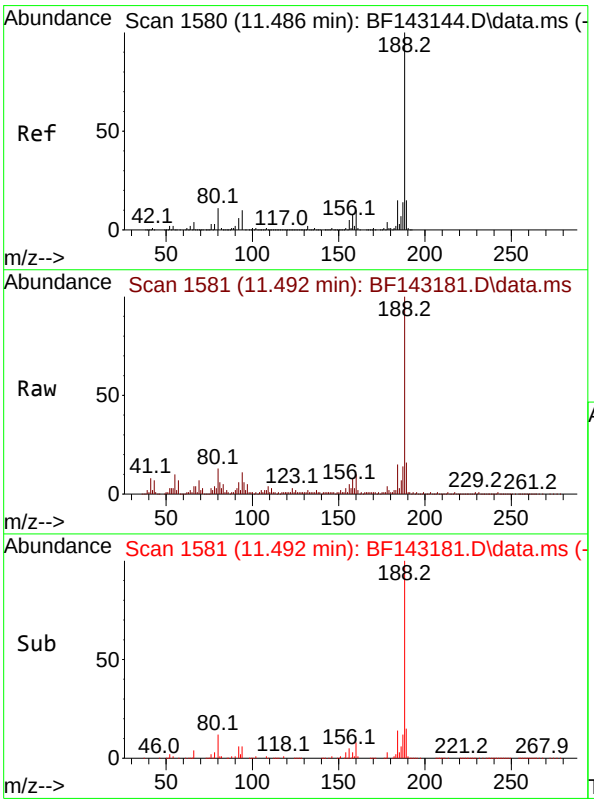

#63
Azobenzene
Concen: 45.166 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion: 77 Resp: 832376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.2 | 4.6 | 44.6 |
| 105 | 26.3 | 1.4 | 41.4 |
| 51 | 34.1 | 13.7 | 53.7 |

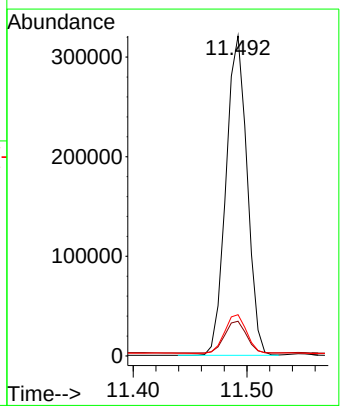


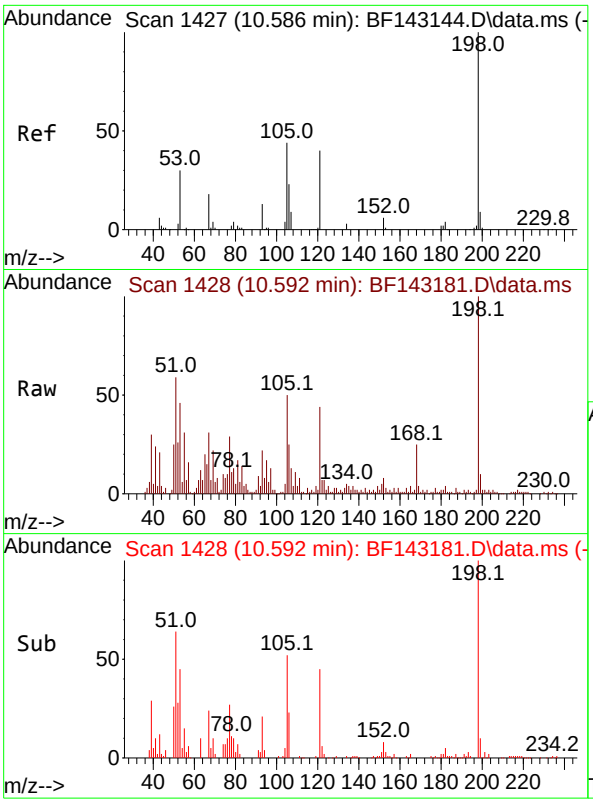




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:188 Resp: 414650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.3 | 12.5 |
| 80 | 12.9 | 9.0 | 13.6 |



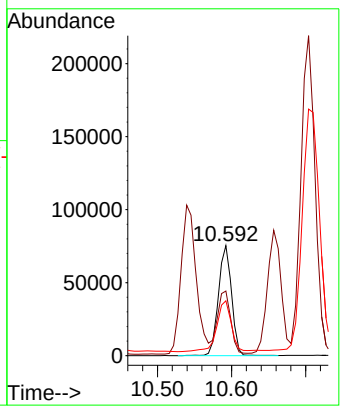


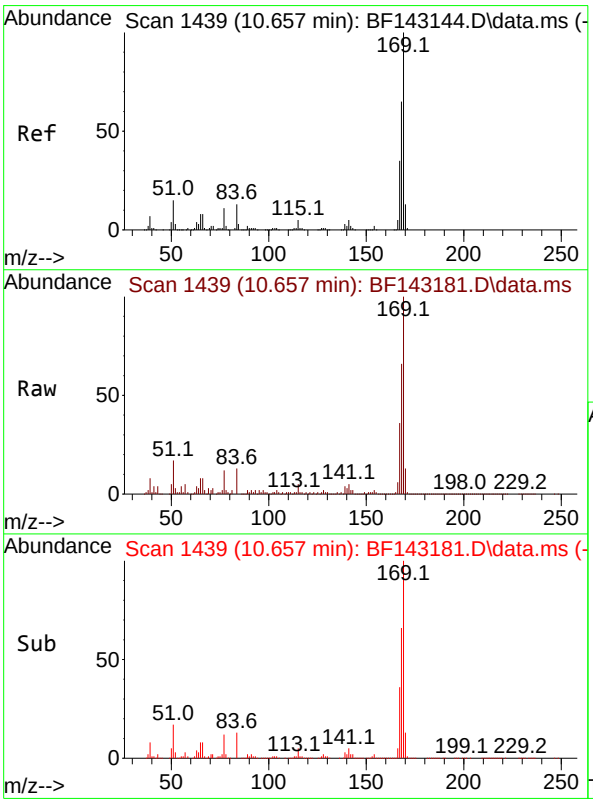

#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:198 Resp: 93180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.7 | 37.2 | 77.2 |
| 105 | 49.8 | 24.8 | 64.8 |

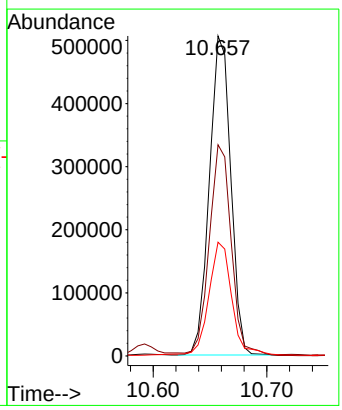


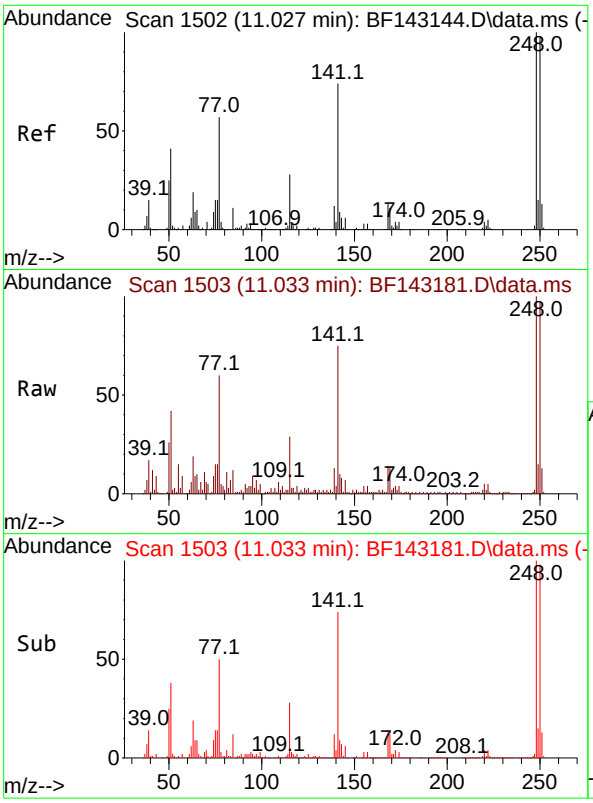




#66
n-Nitrosodiphenylamine
Concen: 45.125 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:169 Resp: 658874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.0 | 52.1 | 78.1 |
| 167 | 35.6 | 28.2 | 42.2 |



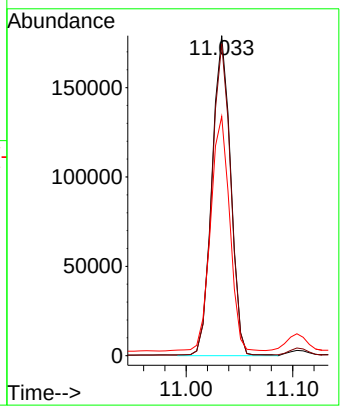


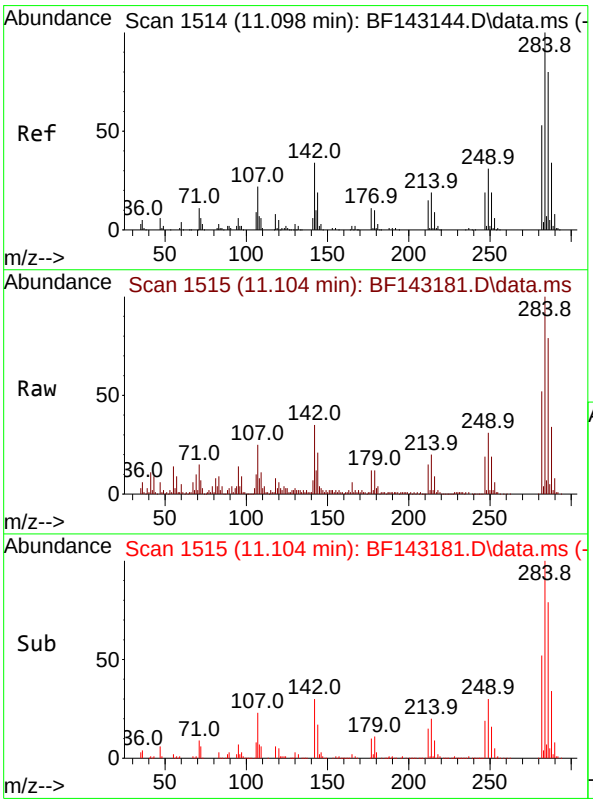

#67
4-Bromophenyl-phenylether
Concen: 44.351 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:248 Resp: 219163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 78.3 | 117.5 |
| 141 | 74.7 | 59.2 | 88.8 |

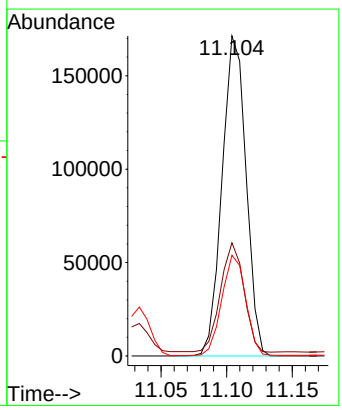


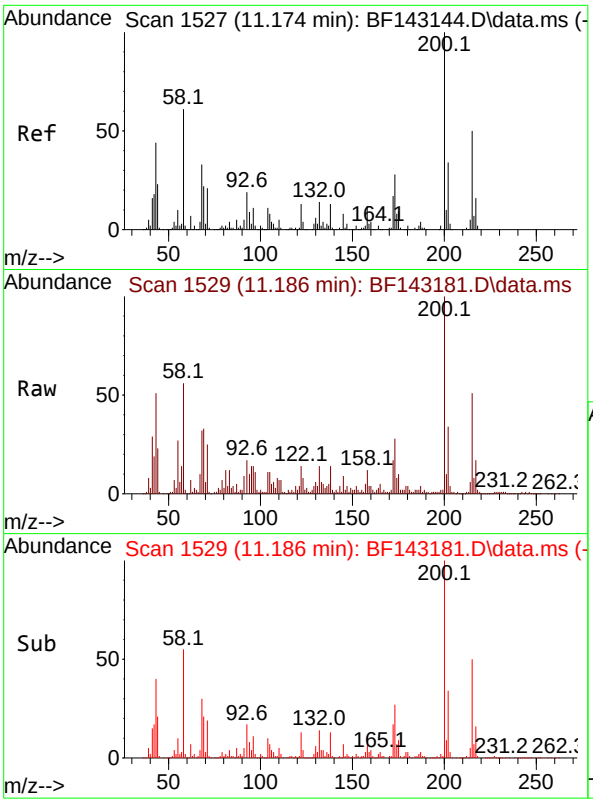




#68
Hexachlorobenzene
Concen: 42.143 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:284 Resp: 217668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.4 | 27.0 | 40.6 |
| 249 | 31.5 | 25.0 | 37.6 |



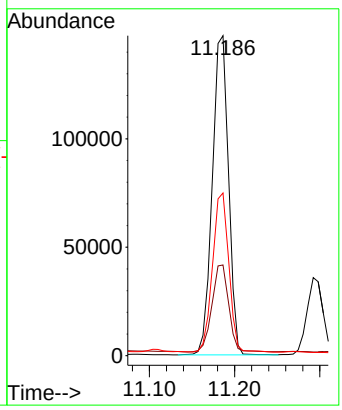


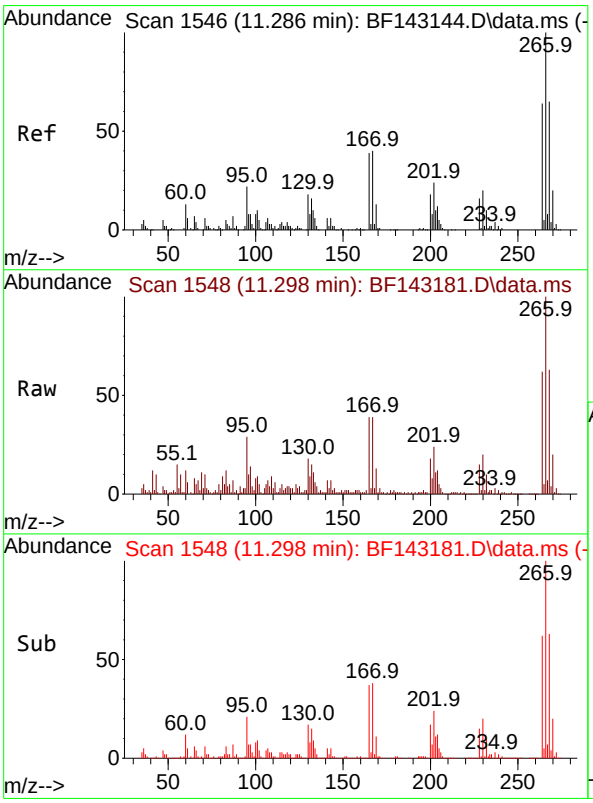

#69
Atrazine
Concen: 48.470 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:200 Resp: 195110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 7.9 | 47.9 |
| 215 | 50.8 | 30.1 | 70.1 |

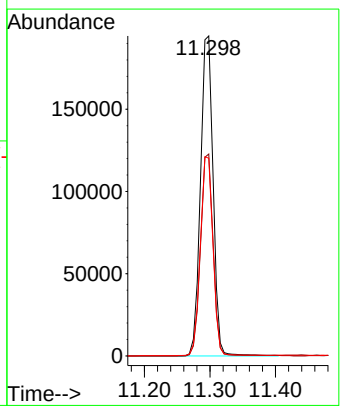


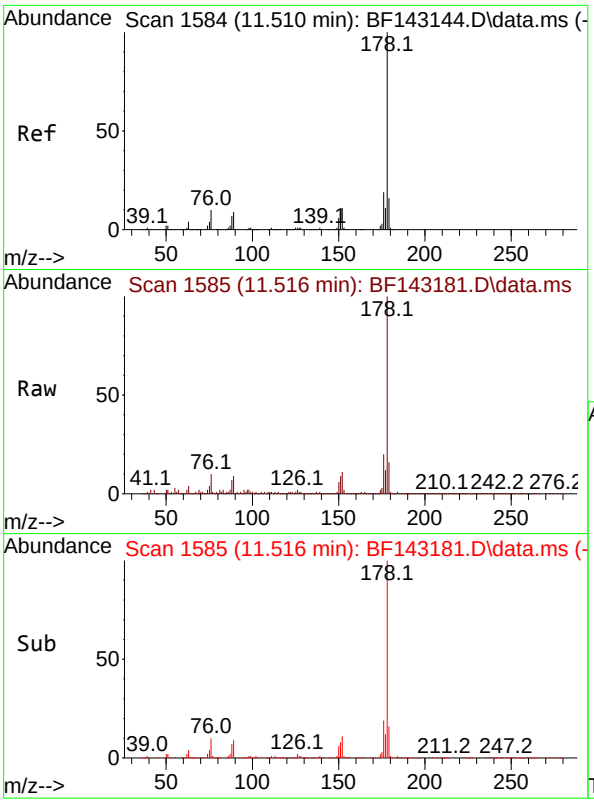




#70
Pentachlorophenol
Concen: 86.042 ng
RT: 11.298 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:266 Resp: 261343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.9 | 77.9 |
| 264 | 61.8 | 51.0 | 76.6 |



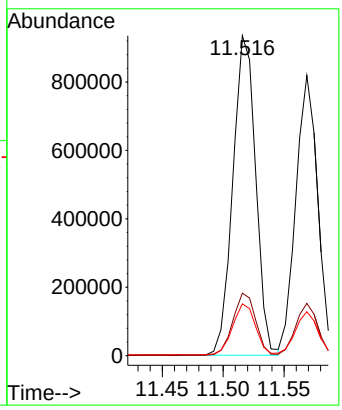


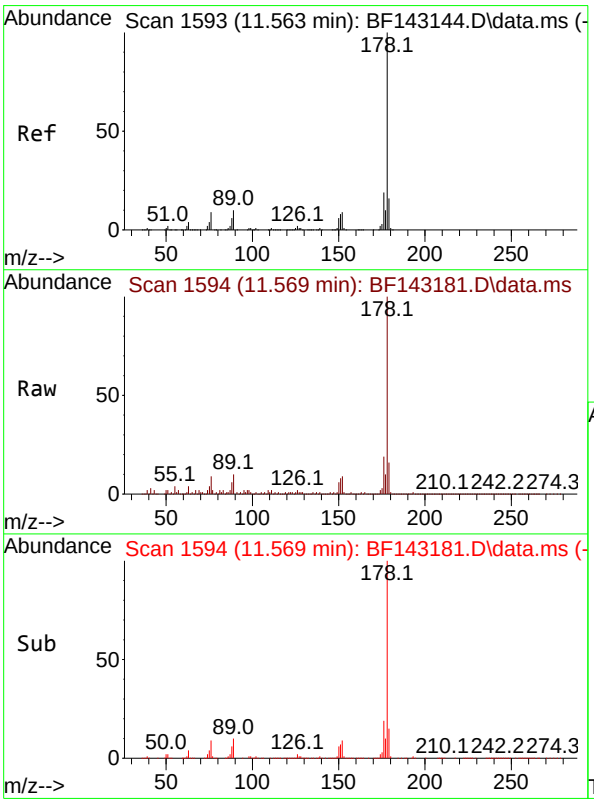

#71
Phenanthrene
Concen: 55.224 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:178 Resp: 1215848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.3 | 22.9 |
| 179 | 16.2 | 12.5 | 18.7 |

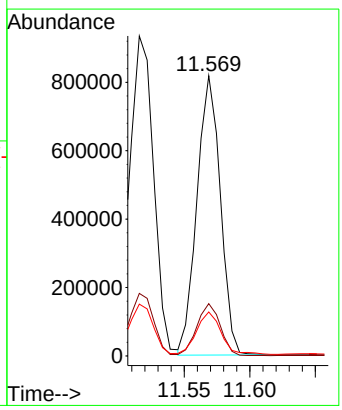


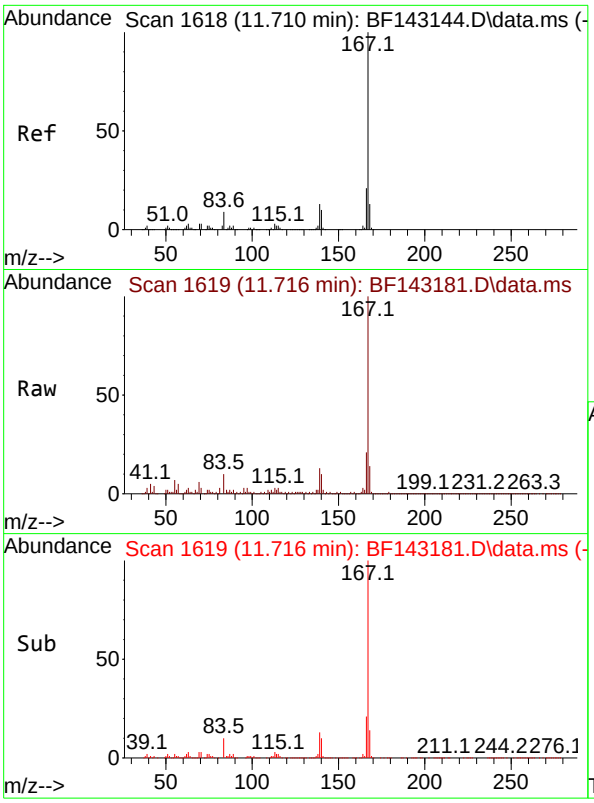




#72
Anthracene
Concen: 45.259 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:178 Resp: 1016264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



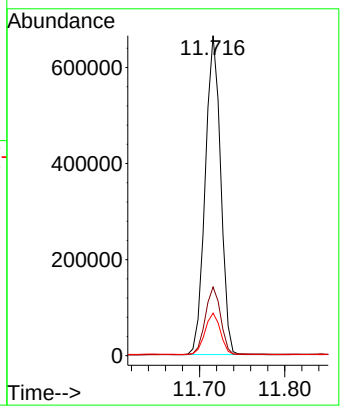


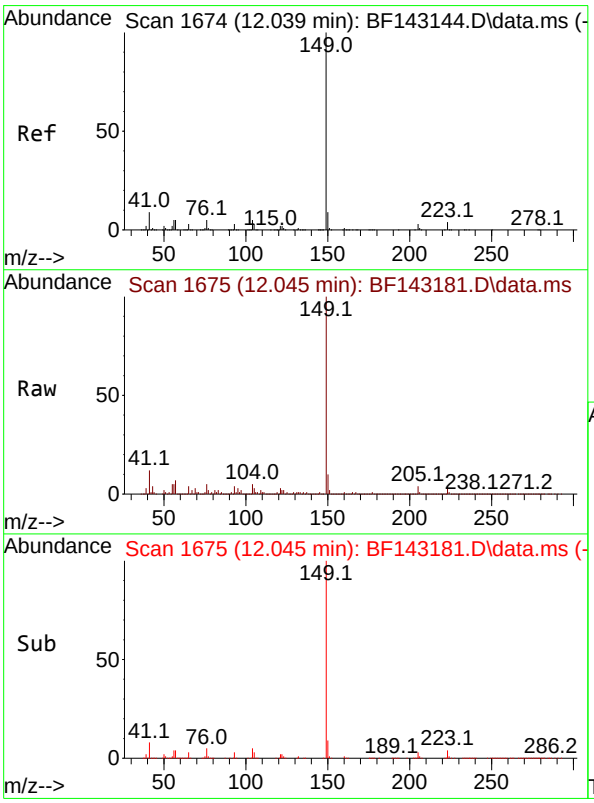

#73
Carbazole
Concen: 42.692 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:167 Resp: 837062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.0 | 25.6 |
| 139 | 13.3 | 10.0 | 15.0 |

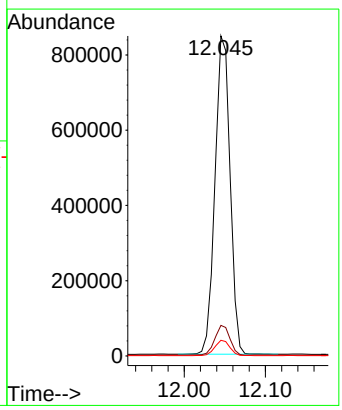


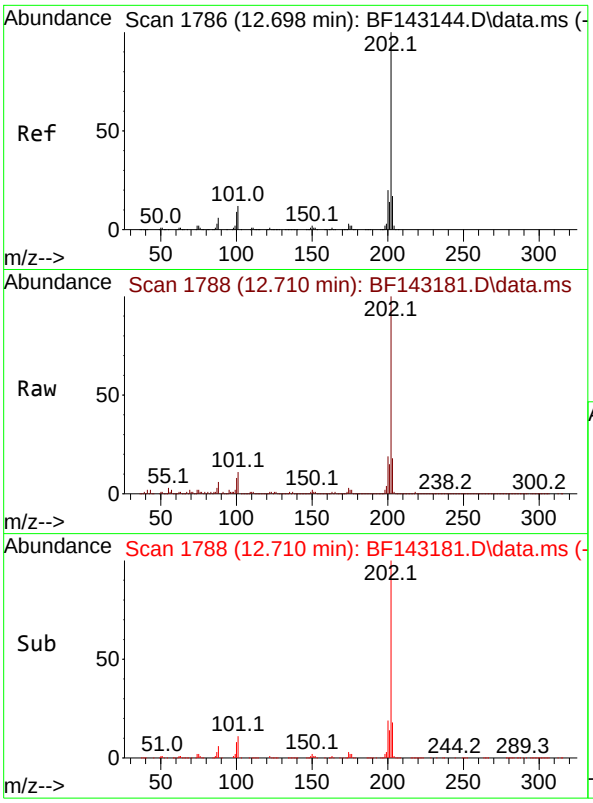




#74
Di-n-butylphthalate
Concen: 49.237 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 1092339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |



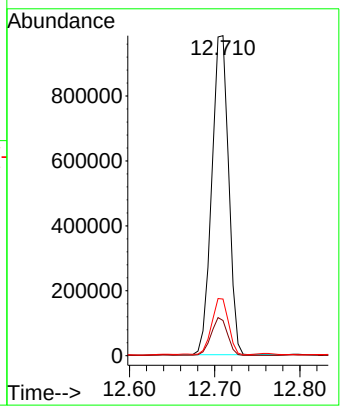


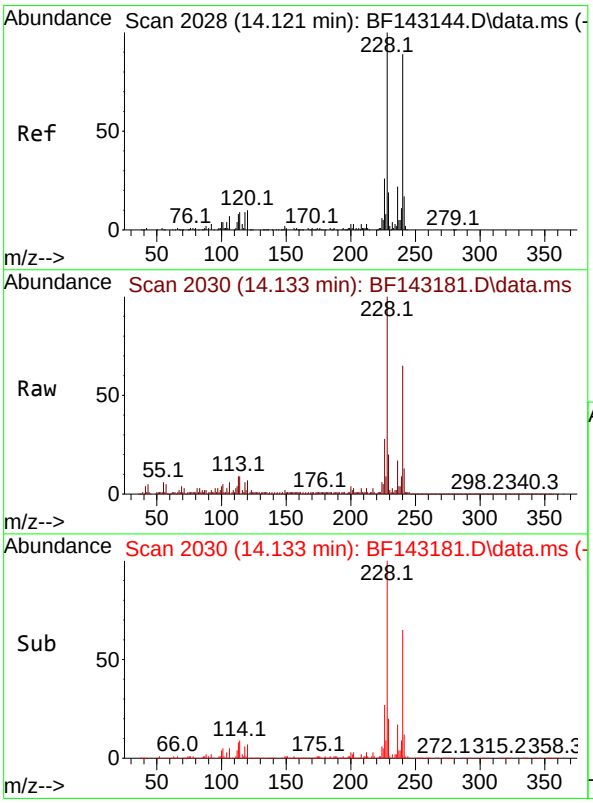

#75
Fluoranthene
Concen: 66.679 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:202 Resp: 1347470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.7 |
| 203 | 17.7 | 0.0 | 37.4 |

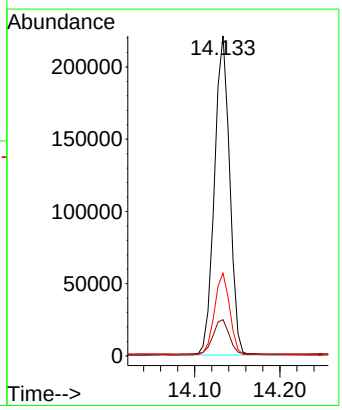


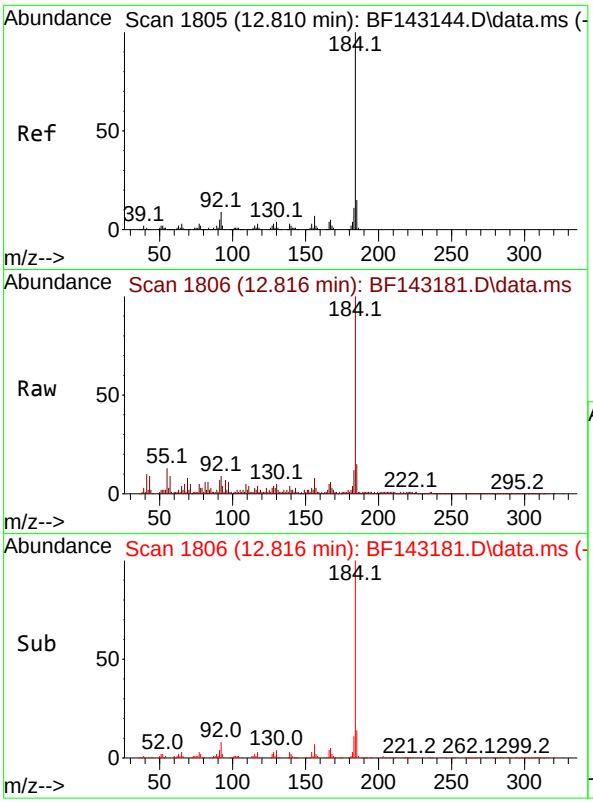




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:240 Resp: 276295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.4 | 14.2 |
| 236 | 25.9 | 20.2 | 30.4 |



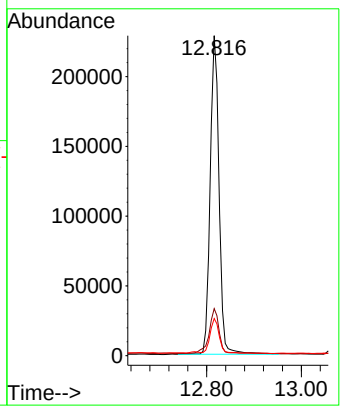


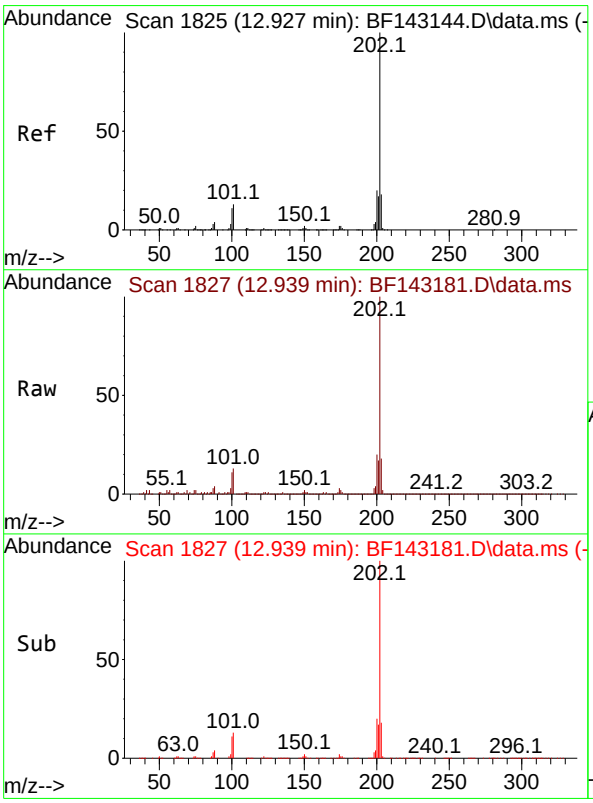

#77
Benzidine
Concen: 27.933 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:184 Resp: 297349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 12.2 | 18.4 |
| 183 | 11.6 | 9.0 | 13.4 |

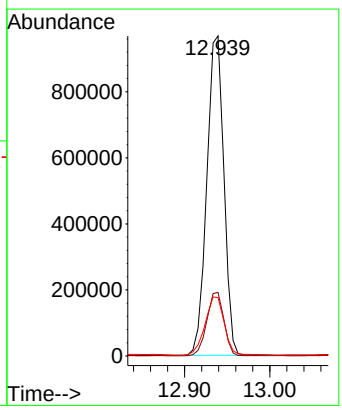


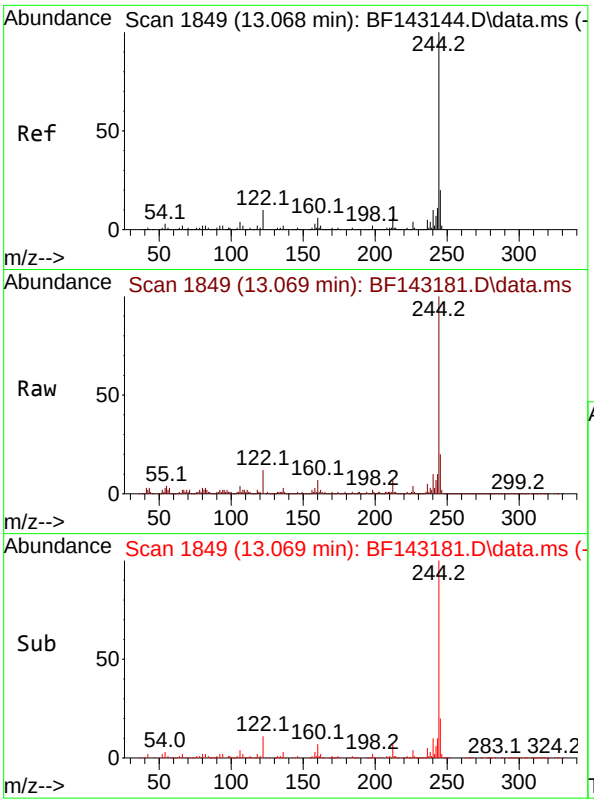




#78
Pyrene
Concen: 57.059 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 1345473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 15.7 | 23.5 |
| 203 | 18.3 | 14.2 | 21.2 |



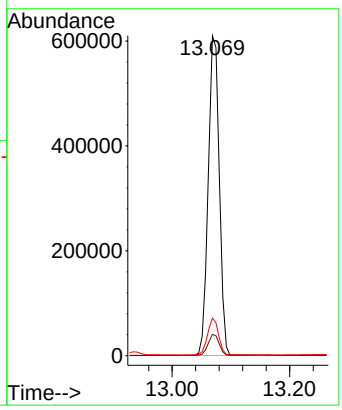


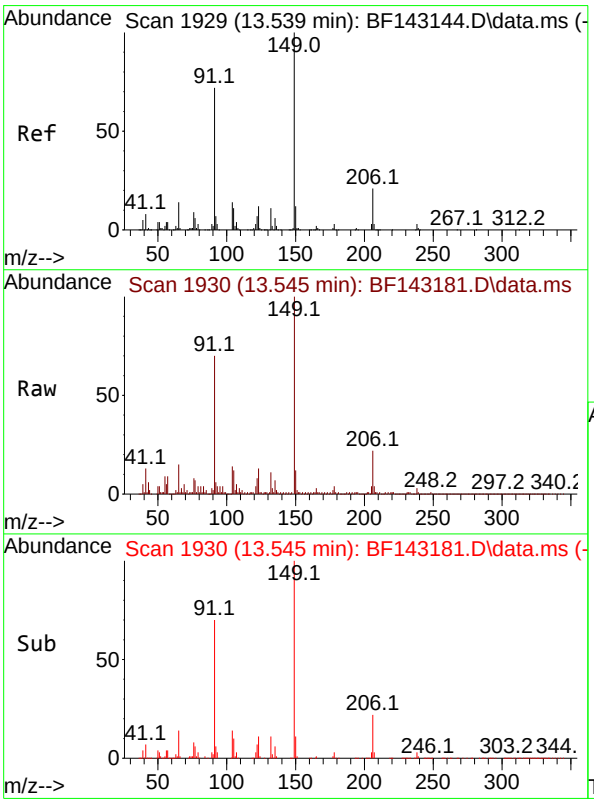

#79
Terphenyl-d14
Concen: 43.099 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:244 Resp: 800209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 11.8 | 8.2 | 12.2 |

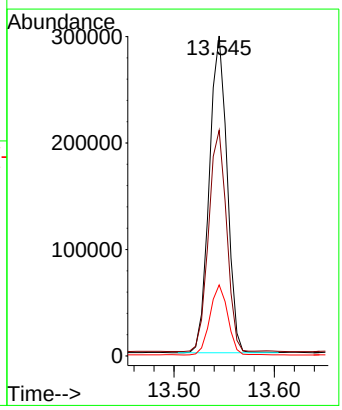


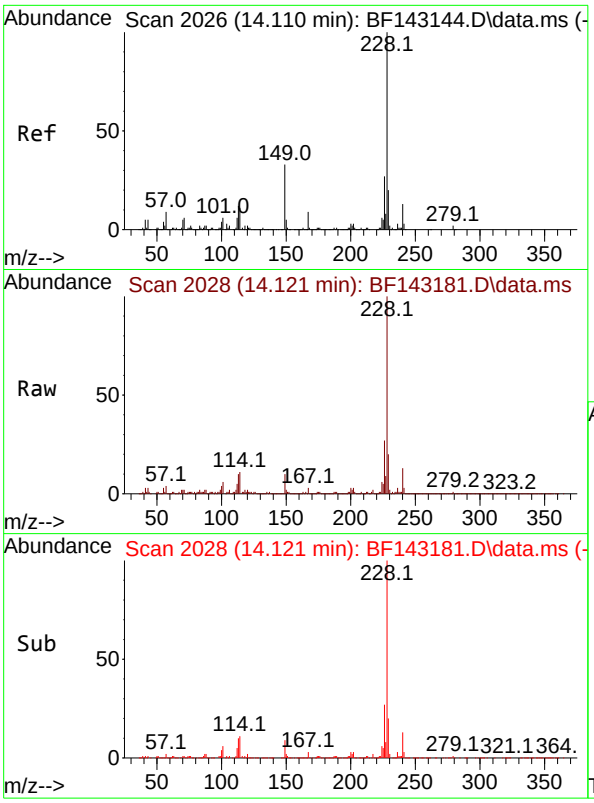




#80
Butylbenzylphthalate
Concen: 50.883 ng
RT: 13.545 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 367405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.5 | 57.9 | 86.9 |
| 206 | 22.2 | 17.0 | 25.4 |



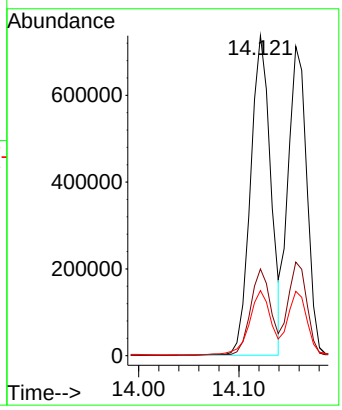


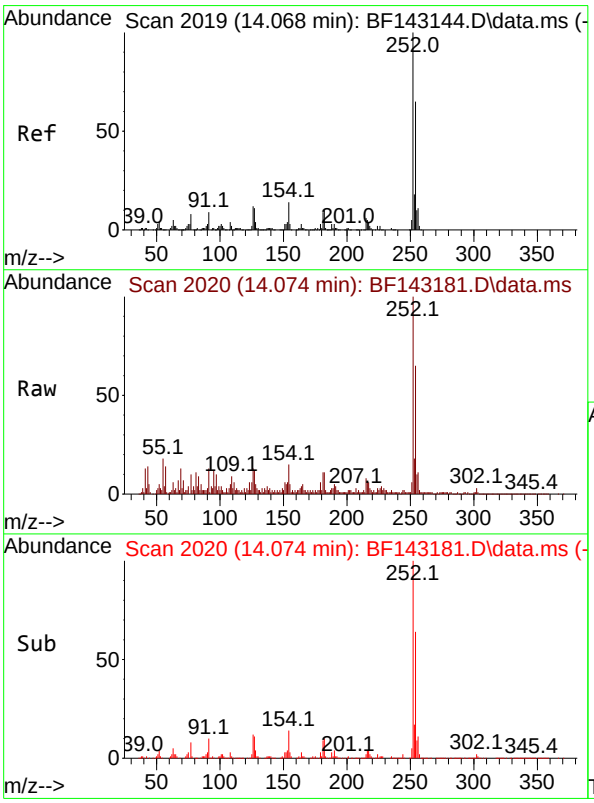

#81
Benzo(a)anthracene
Concen: 55.890 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:228 Resp: 1033853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 20.3 | 15.8 | 23.6 |

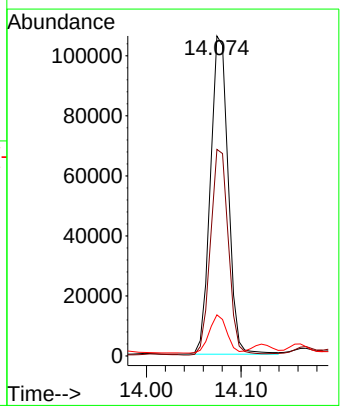


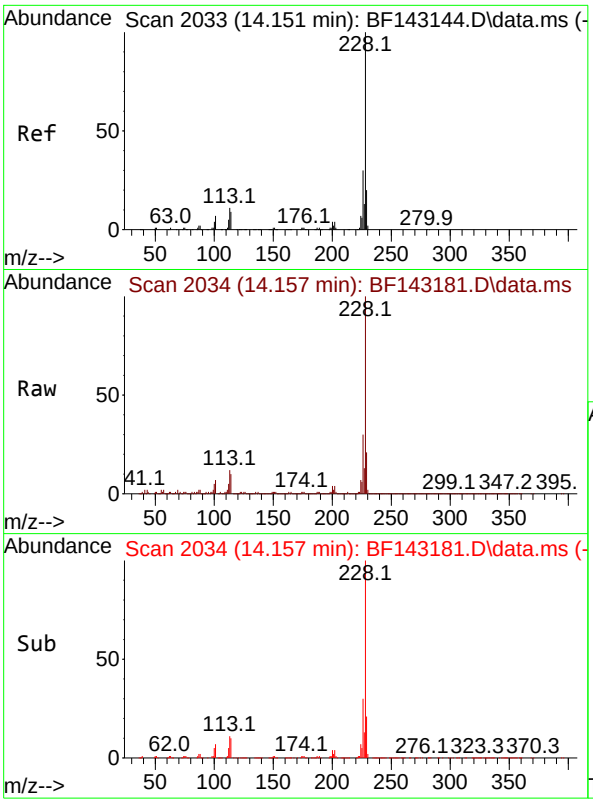




#82
3,3'-Dichlorobenzidine
Concen: 22.415 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 138194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.7 | 77.5 |
| 126 | 12.9 | 9.4 | 14.0 |



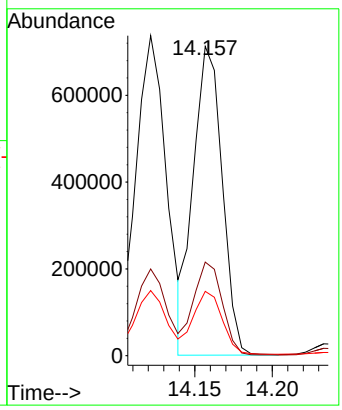


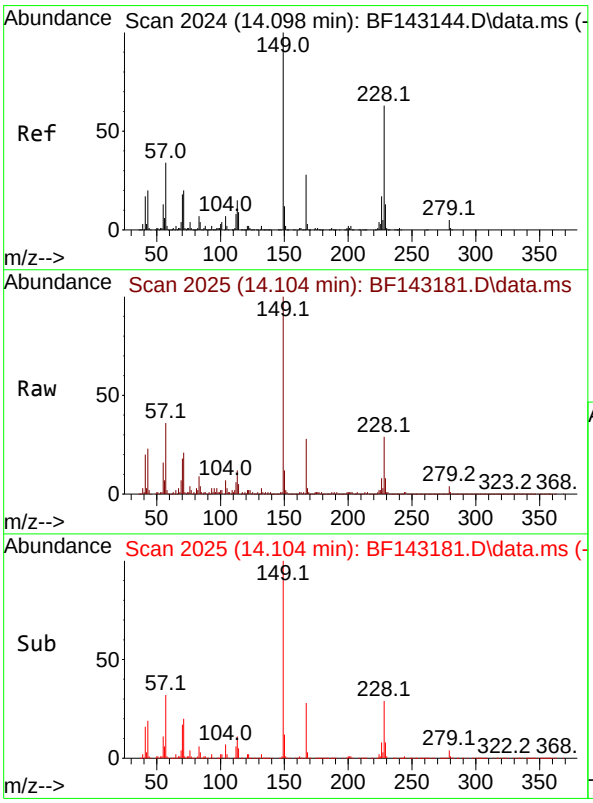

#83
Chrysene
Concen: 55.532 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:228 Resp: 923571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 23.8 | 35.8 |
| 229 | 20.8 | 15.6 | 23.4 |

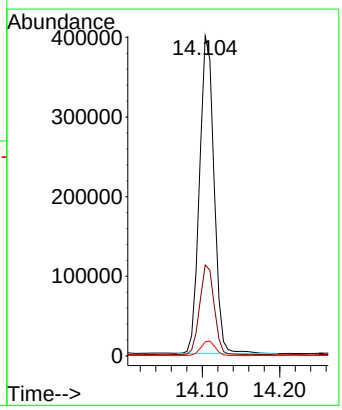


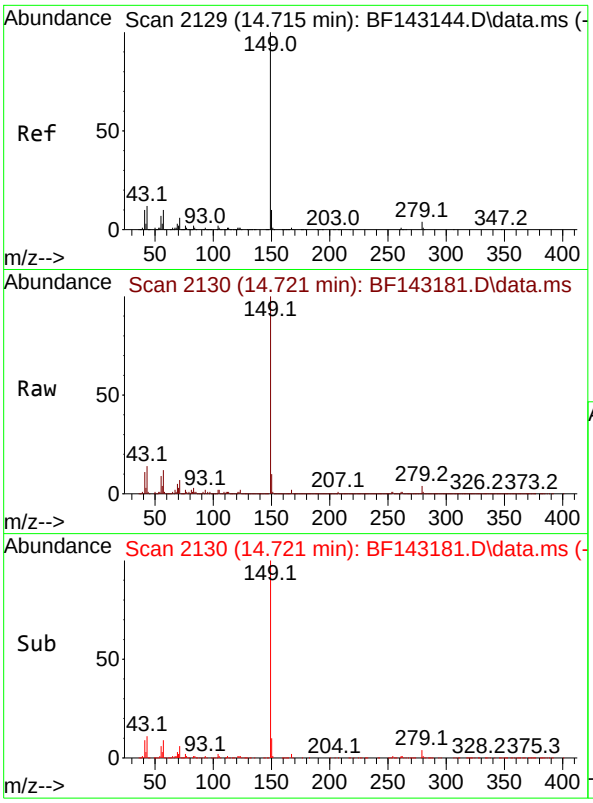




#84
Bis(2-ethylhexyl)phthalate
Concen: 47.538 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:149 Resp: 519551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.3 | 33.5 |
| 279 | 4.4 | 3.6 | 5.4 |



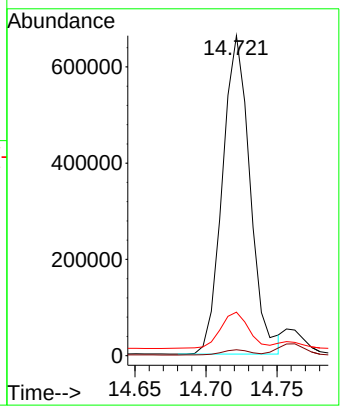


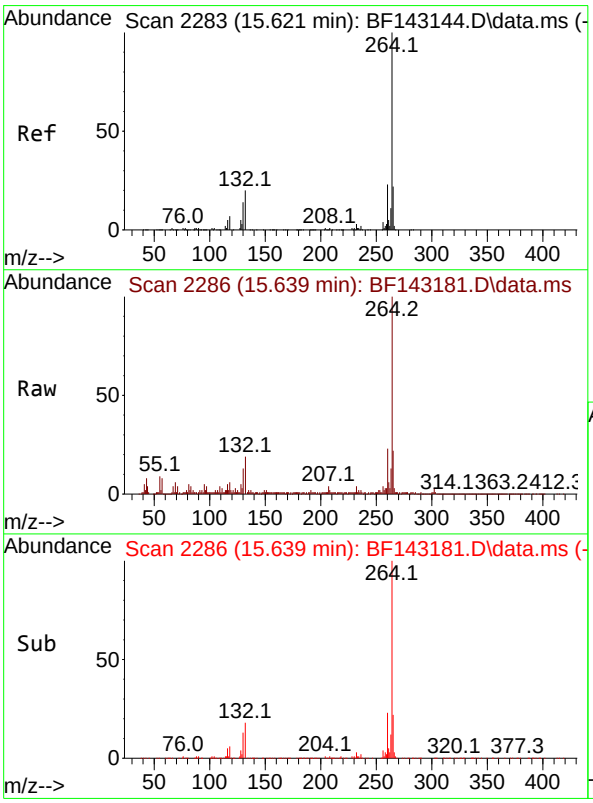

#85
Di-n-octyl phthalate
Concen: 45.094 ng
RT: 14.721 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:149 Resp: 893326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.1 | 1.7 |
| 43 | 11.9 | 9.7 | 14.5 |

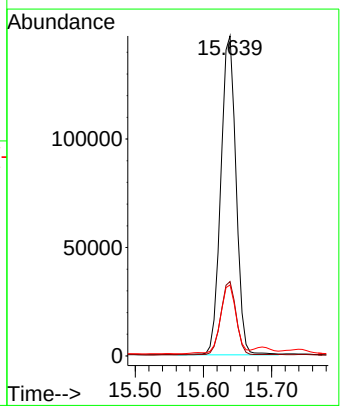


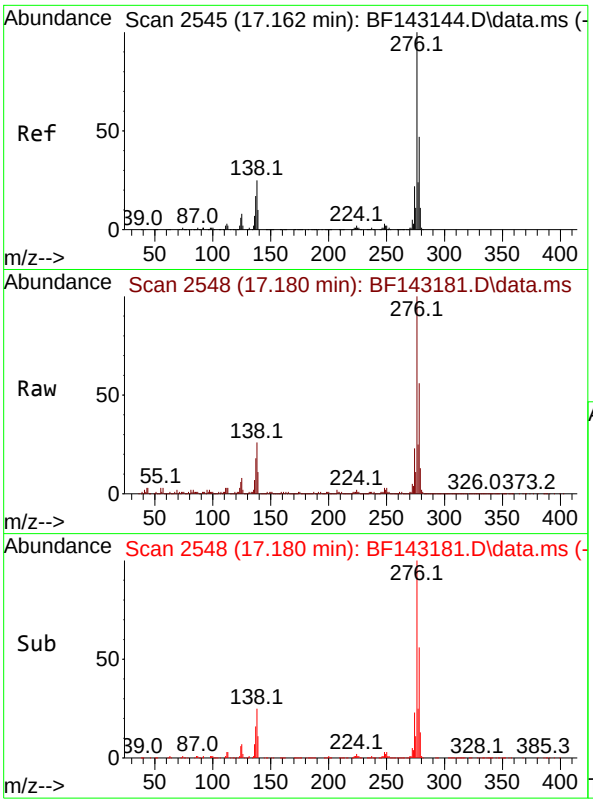




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:264 Resp: 228694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.5 | 27.7 |
| 265 | 22.2 | 17.4 | 26.2 |



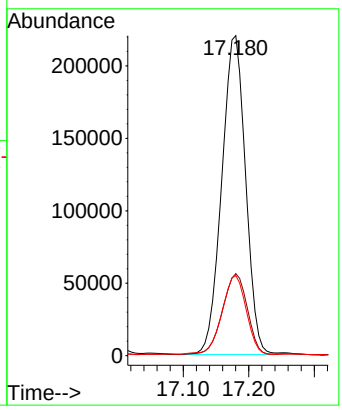


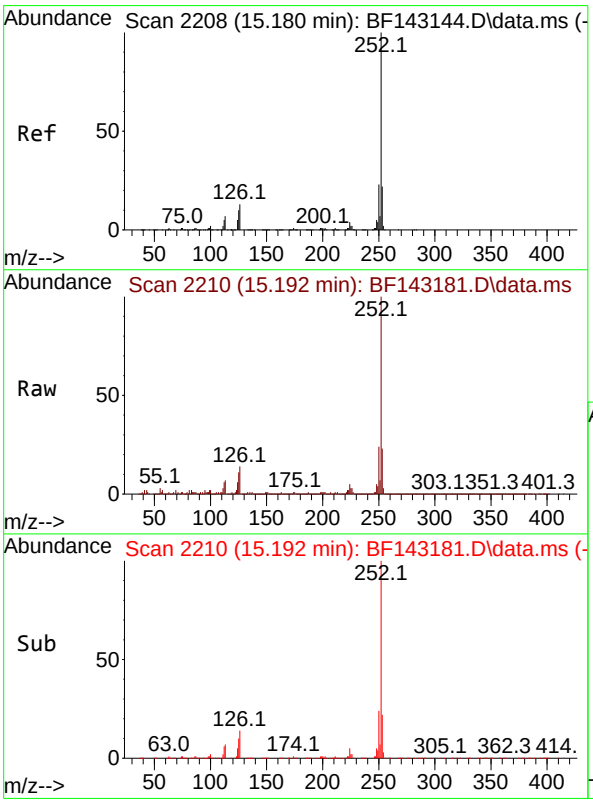

#87
Indeno(1,2,3-cd)pyrene
Concen: 34.423 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:276 Resp: 555106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.2 | 21.8 | 32.6 |
| 277 | 25.1 | 20.0 | 30.0 |

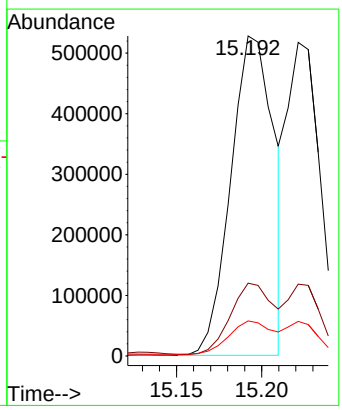


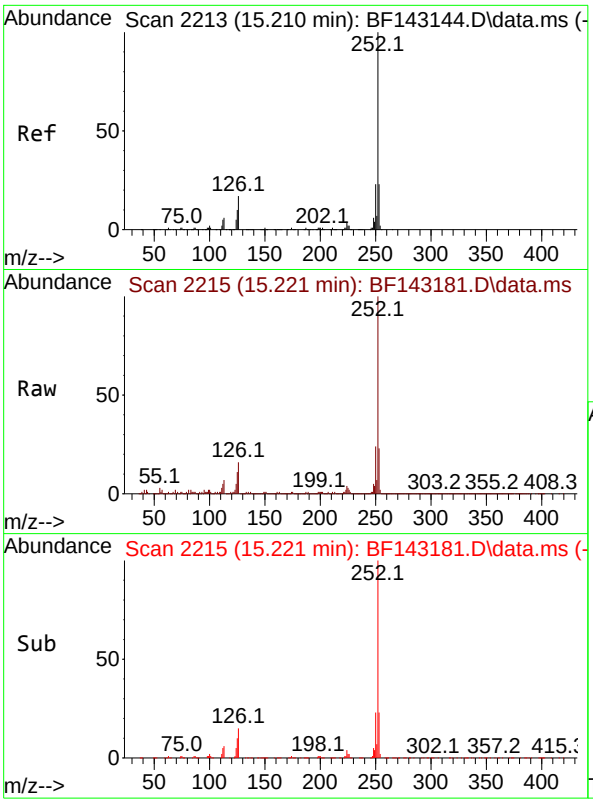




#88
Benzo(b)fluoranthene
Concen: 66.280 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 926002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.5 | 26.3 |
| 125 | 10.9 | 8.0 | 12.0 |



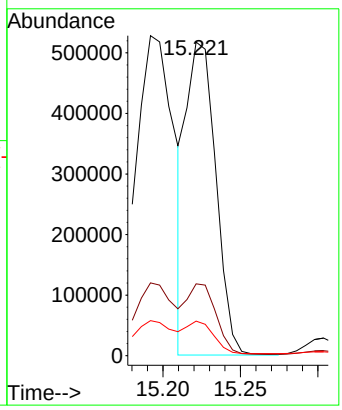


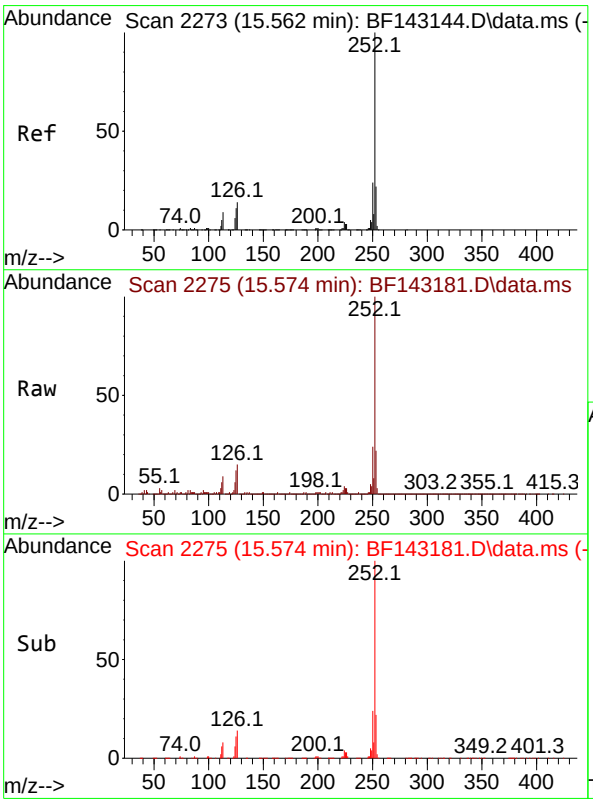

#89
Benzo(k)fluoranthene
Concen: 55.257 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:252 Resp: 688897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 11.0 | 8.1 | 12.1 |

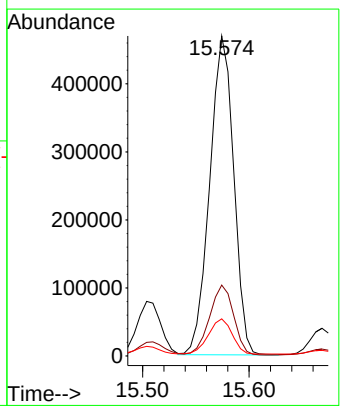


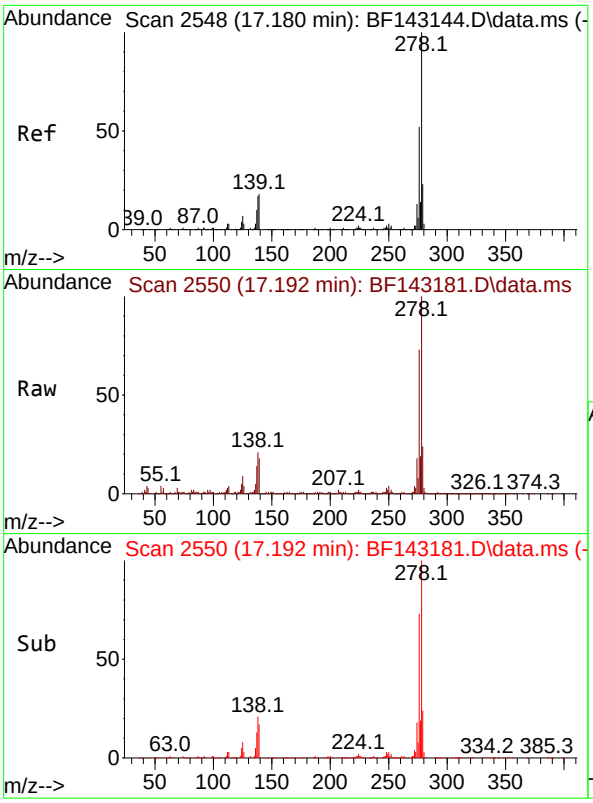




#90
Benzo(a)pyrene
Concen: 57.025 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 734037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.3 | 25.9 |
| 125 | 11.6 | 8.6 | 13.0 |



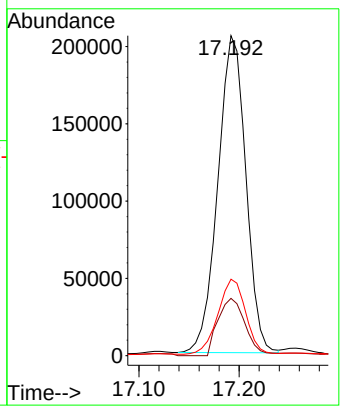


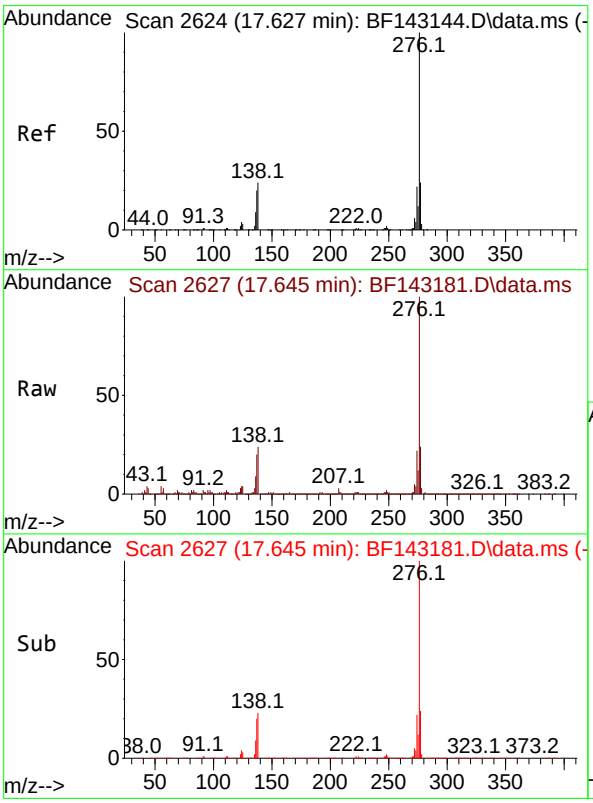

#91
Dibenzo(a,h)anthracene
Concen: 30.296 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

**Instrument :**
BNA_F
**ClientSampleId :**
RT2286MSD

Tgt Ion:278 Resp: 397652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 14.1 | 21.1 |
| 279 | 23.9 | 18.6 | 28.0 |

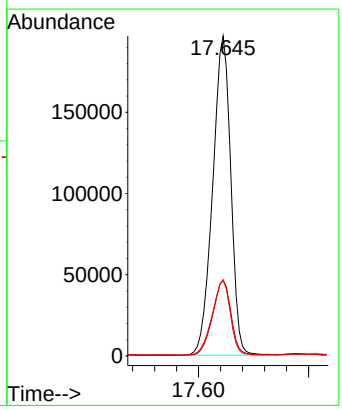



#92
Benzo(g,h,i)perylene
Concen: 35.394 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:276 Resp: 449394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.1 | 28.7 |
| 138 | 23.8 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 127346 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 497233 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 269042 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 457175 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 257414 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.627 | 264 | 259291 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.610 | 112 | 856356 | 106.415 | ng | | 0.02 |
| 7) Phenol-d6 | 6.593 | 99 | 1087717 | 107.386 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 776976 | 77.891 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 327822 | 117.949 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1397519 | 71.040 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.069 | 244 | 1360738 | 78.664 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.905 | 88 | 127224 | 33.411 | ng | | 99 |
| 3) Pyridine | 3.658 | 79 | 353529 | 35.770 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 208931 | 40.945 | ng | | 97 |
| 6) Aniline | 6.628 | 93 | 446346 | 31.618 | ng | | 100 |
| 8) 2-Chlorophenol | 6.751 | 128 | 355572 | 42.153 | ng | | 97 |
| 9) Benzaldehyde | 6.510 | 77 | 240055 | 31.606 | ng | | 97 |
| 10) Phenol | 6.610 | 94 | 456674 | 41.386 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 344126 | 40.731 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 372518 | 40.653 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 377541 | 40.912 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 364259 | 41.502 | ng | | 100 |
| 15) Benzyl Alcohol | 7.098 | 79 | 331900 | 42.914 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 639401 | 40.797 | ng | | 97 |
| 17) 2-Methylphenol | 7.210 | 107 | 298687 | 42.113 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 136455 | 42.714 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 262936 | 40.461 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 359582 | 41.787 | ng | # | 80 |
| 22) Acetophenone | 7.369 | 105 | 482041 | 40.948 | ng | # | 96 |
| 24) Nitrobenzene | 7.540 | 77 | 393984 | 42.364 | ng | | 100 |
| 25) Isophorone | 7.781 | 82 | 738787 | 41.954 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 193942 | 48.051 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.893 | 122 | 342191 | 41.592 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 439929 | 41.668 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 295824 | 42.636 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 318755 | 42.525 | ng | | 99 |
| 31) Naphthalene | 8.269 | 128 | 1019308 | 41.625 | ng | | 100 |
| 32) Benzoic acid | 8.010 | 122 | 231444 | 49.730 | ng | | 99 |
| 33) 4-Chloroaniline | 8.304 | 127 | 180929 | 18.095 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.387 | 225 | 196852 | 42.990 | ng | | 99 |
| 35) Caprolactam | 8.675 | 113 | 65818 | 31.392 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.793 | 107 | 335805 | 44.529 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 637504 | 42.782 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 659370 | 42.971 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 310898 | 40.025 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 434132 | 85.897 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 222483 | 41.386 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

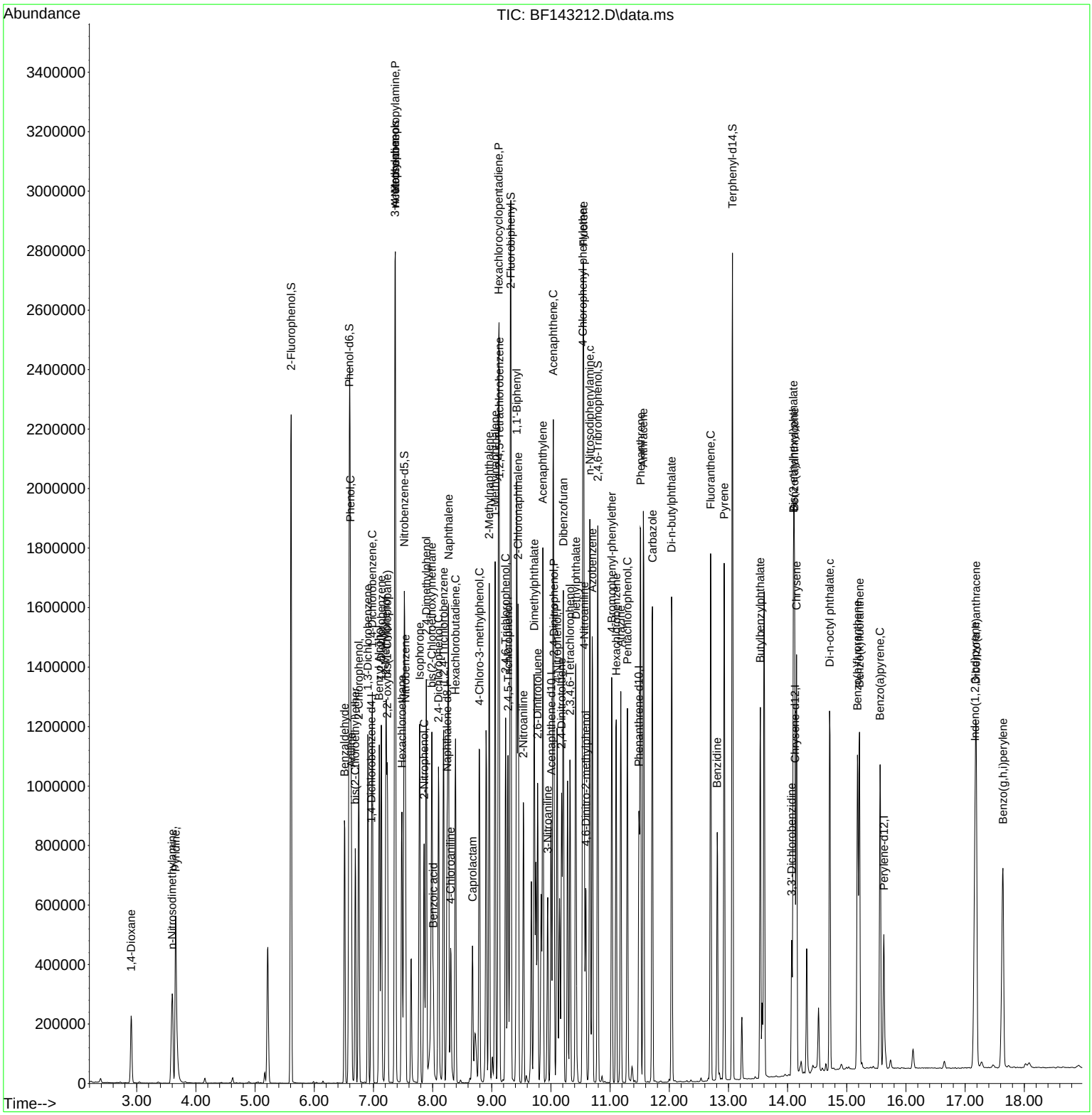
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 236559 | 43.991 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 870859 | 41.488 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 644057 | 41.468 | ng | | 99 |
| 48) 2-Nitroaniline | 9.534 | 65 | 222155 | 45.611 | ng | | 99 |
| 49) Acenaphthylene | 9.863 | 152 | 1097730 | 42.174 | ng | | 99 |
| 50) Dimethylphthalate | 9.716 | 163 | 772585 | 44.055 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 170575 | 47.813 | ng | | 99 |
| 52) Acenaphthene | 10.039 | 154 | 703577 | 45.734 | ng | | 97 |
| 53) 3-Nitroaniline | 9.945 | 138 | 126346 | 30.278 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 175905 | 106.394 | ng | # | 1 |
| 55) Dibenzofuran | 10.210 | 168 | 946920 | 41.458 | ng | | 100 |
| 56) 4-Nitrophenol | 10.104 | 139 | 288611 | 92.622 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 230038 | 51.396 | ng | | 96 |
| 58) Fluorene | 10.551 | 166 | 731345 | 42.663 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 183839 | 41.271 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 770778 | 44.467 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 370456 | 43.401 | ng | | 100 |
| 62) 4-Nitroaniline | 10.563 | 138 | 172252 | 48.165 | ng | | 97 |
| 63) Azobenzene | 10.698 | 77 | 767093 | 42.462 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 117398 | 48.873 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 663950 | 41.243 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 229335 | 42.093 | ng | | 98 |
| 68) Hexachlorobenzene | 11.104 | 284 | 237782 | 41.755 | ng | | 97 |
| 69) Atrazine | 11.181 | 200 | 212724 | 47.930 | ng | | 100 |
| 70) Pentachlorophenol | 11.292 | 266 | 199919 | 59.697 | ng | | 99 |
| 71) Phenanthrene | 11.516 | 178 | 1013473 | 41.750 | ng | | 99 |
| 72) Anthracene | 11.563 | 178 | 1042962 | 42.127 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 936735 | 43.331 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1158302 | 47.353 | ng | | 100 |
| 75) Fluoranthene | 12.698 | 202 | 1021601 | 45.851 | ng | | 99 |
| 77) Benzidine | 12.810 | 184 | 439225 | 44.288 | ng | | 99 |
| 78) Pyrene | 12.928 | 202 | 997507 | 45.405 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.539 | 149 | 388473 | 57.747 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 768789 | 44.609 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.069 | 252 | 130418 | 22.706 | ng | | 99 |
| 83) Chrysene | 14.151 | 228 | 667015 | 43.047 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 509639 | 50.052 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.710 | 149 | 801994 | 43.453 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.168 | 276 | 801110 | 43.816 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 699919 | 44.186 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 629517 | 44.536 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.563 | 252 | 650257 | 44.555 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 17.186 | 278 | 650784 | 43.731 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.639 | 276 | 645025 | 44.808 | ng | | 98 |

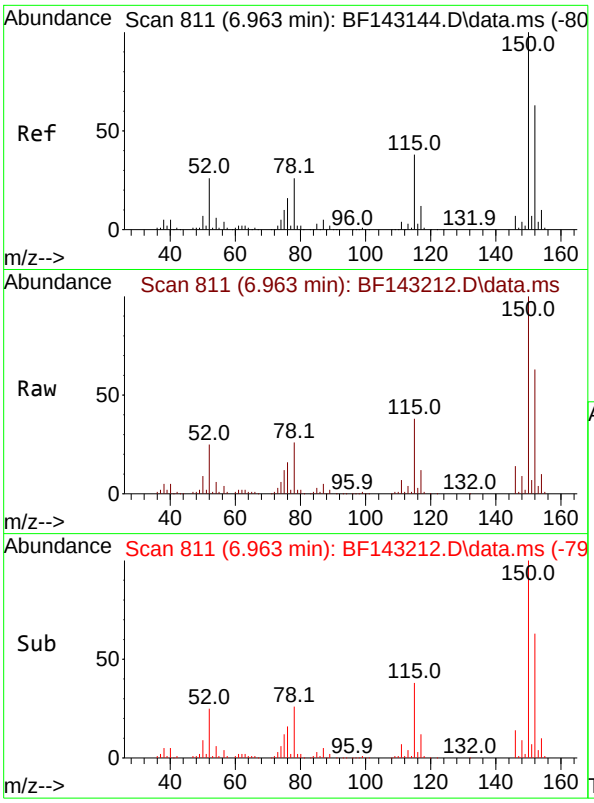
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143212.D
Acq On : 23 Jul 2025 15:31
Operator : RC/JU
Sample : PB168929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Quant Time: Jul 23 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



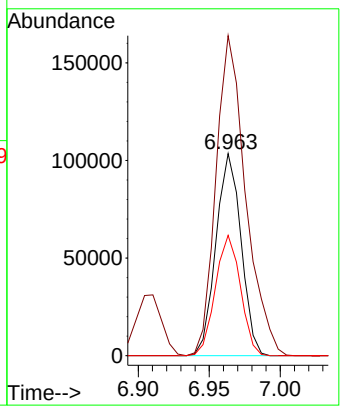


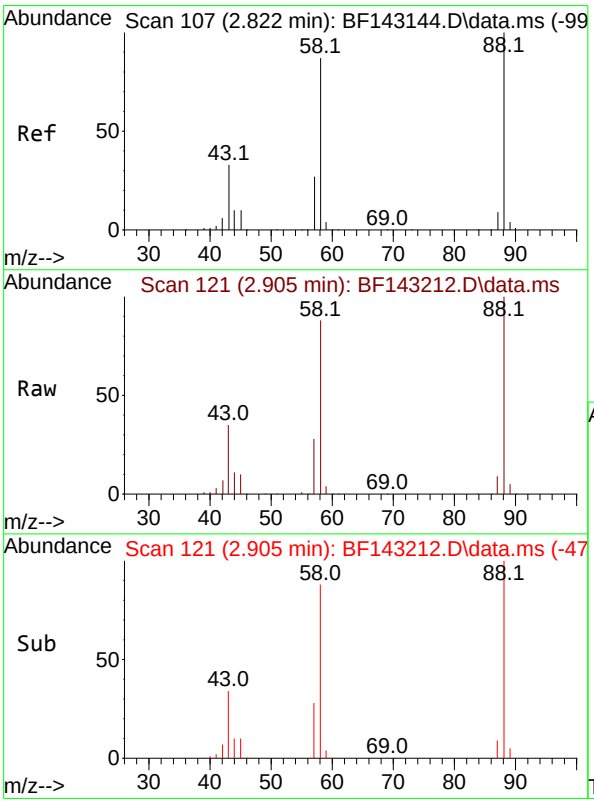

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:152 Resp: 127346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 128.2 | 192.4 |
| 115 | 59.6 | 47.9 | 71.9 |

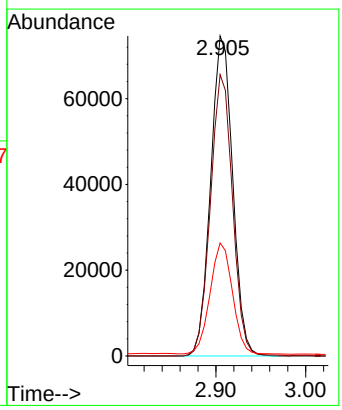


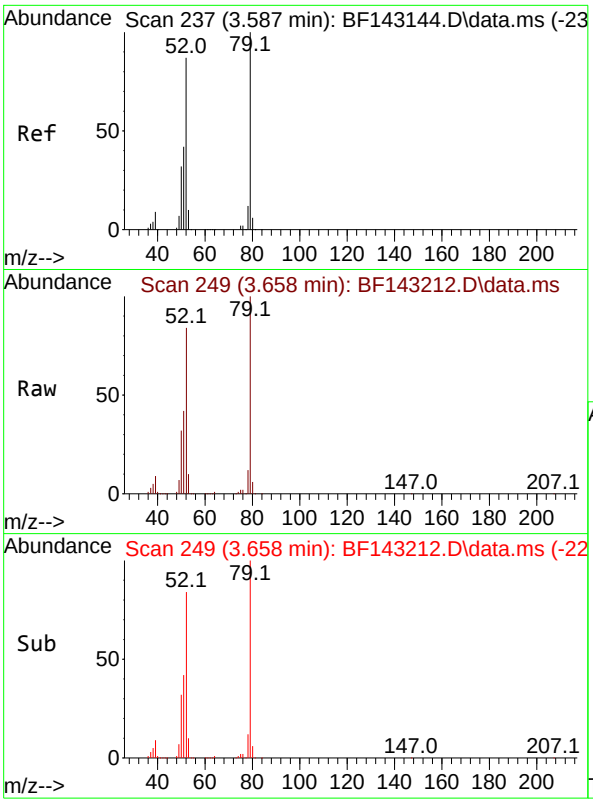




#2
1,4-Dioxane
Concen: 33.411 ng
RT: 2.905 min Scan# 121
Delta R.T. 0.083 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 88 Resp: 127224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.3 | 70.2 | 105.2 |
| 43 | 35.3 | 27.1 | 40.7 |



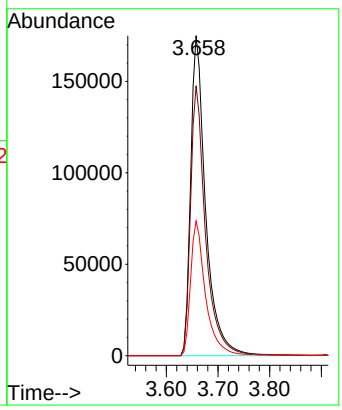


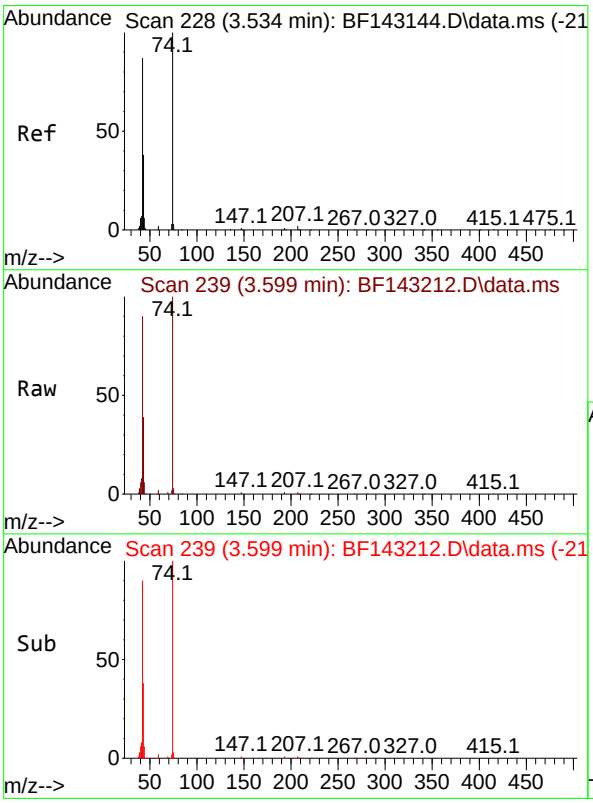

#3
Pyridine
Concen: 35.770 ng
RT: 3.658 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 79 Resp: 353529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.3 | 69.4 | 104.2 |
| 51 | 42.1 | 33.5 | 50.3 |

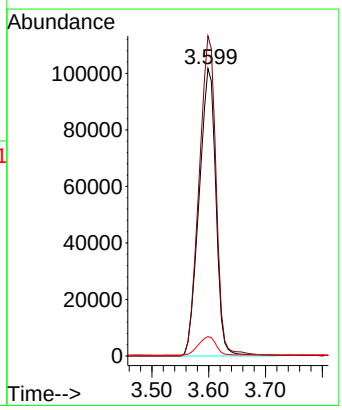


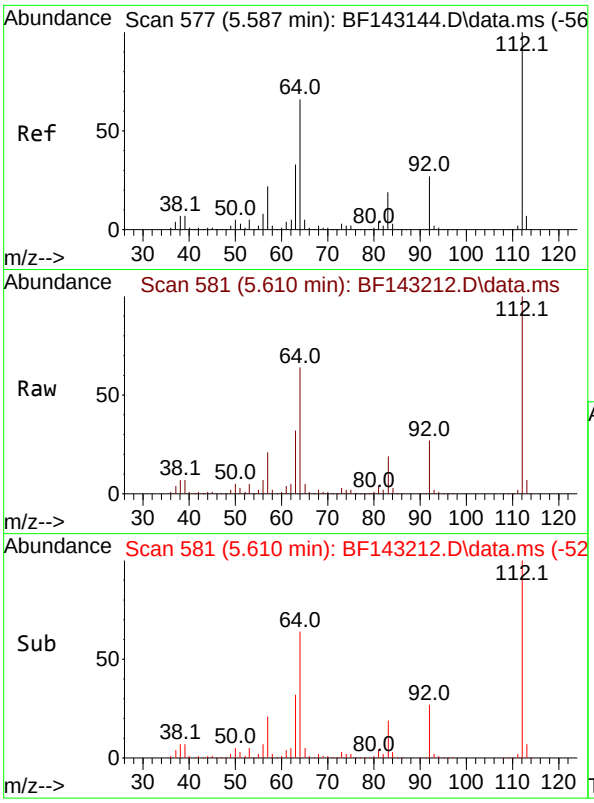




#4
n-Nitrosodimethylamine
Concen: 40.945 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 42 Resp: 208931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.3 | 91.7 | 137.5 |
| 44 | 6.7 | 5.6 | 8.4 |



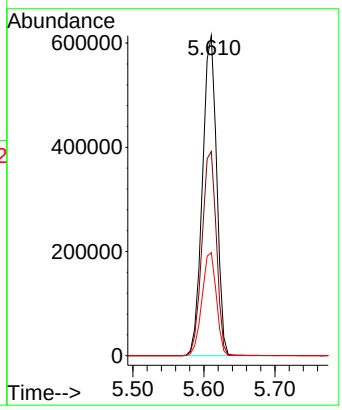


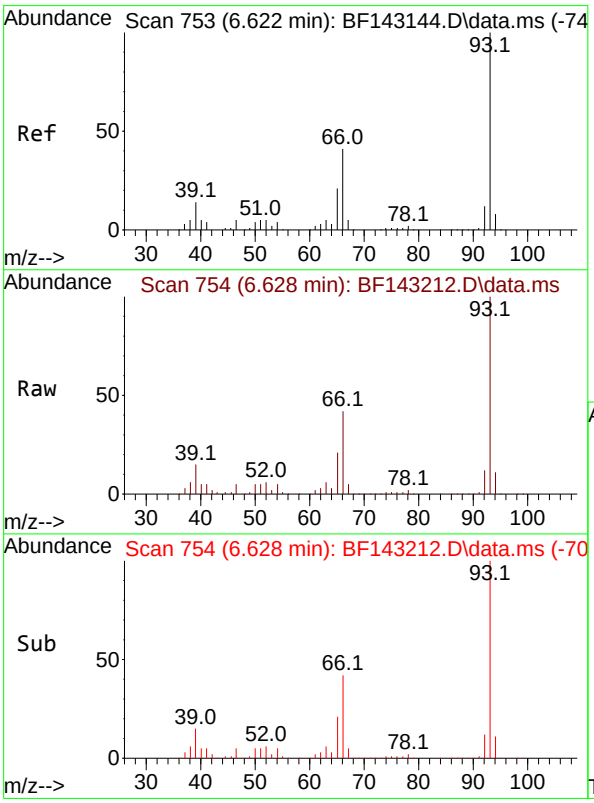

#5
2-Fluorophenol
Concen: 106.415 ng
RT: 5.610 min Scan# 5
Delta R.T. 0.024 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:112 Resp: 856356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.8 | 53.1 | 79.7 |
| 63 | 32.2 | 26.6 | 40.0 |

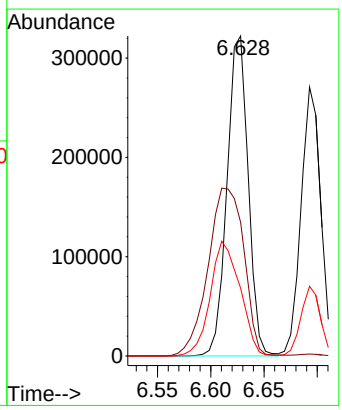


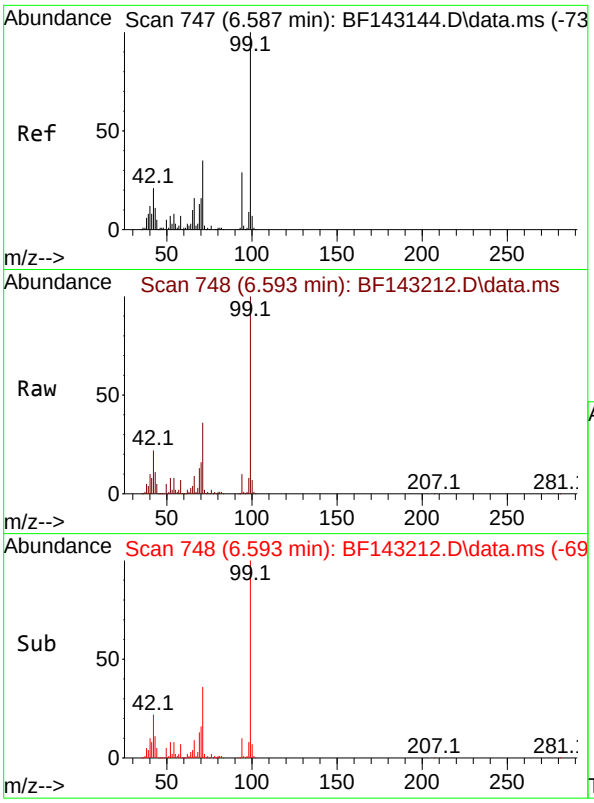




#6
Aniline
Concen: 31.618 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 446346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.8 | 33.2 | 49.8 |
| 65 | 21.2 | 16.9 | 25.3 |



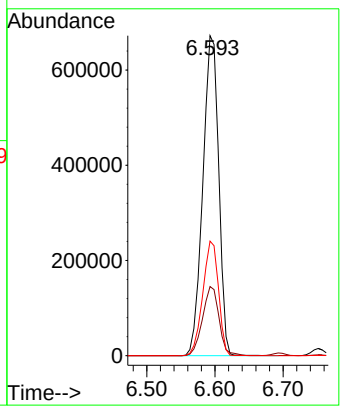


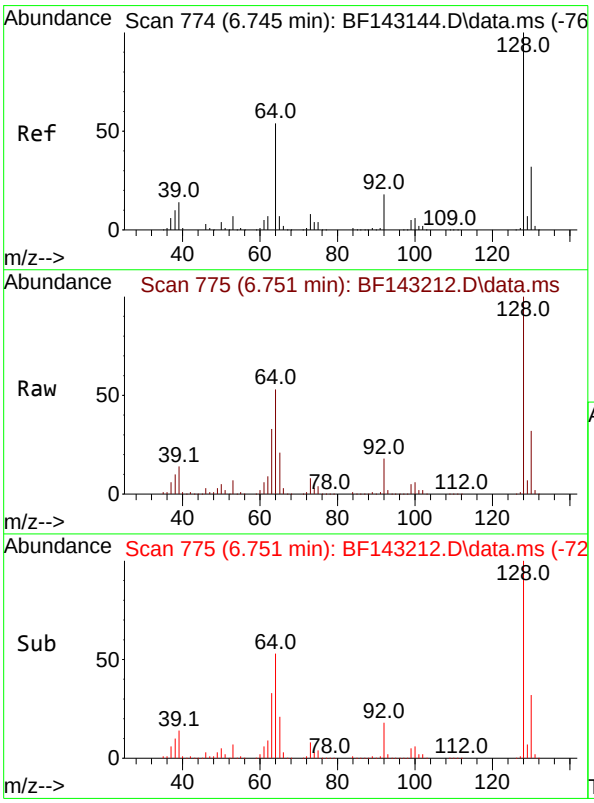

#7
Phenol-d6
Concen: 107.386 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 99 Resp: 1087717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 17.0 | 25.6 |
| 71 | 35.8 | 27.7 | 41.5 |

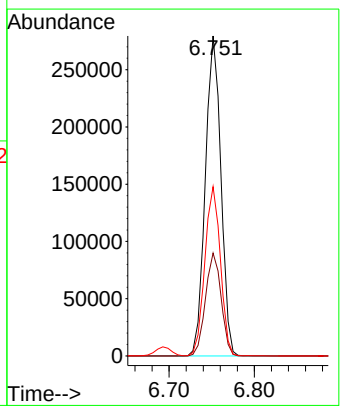


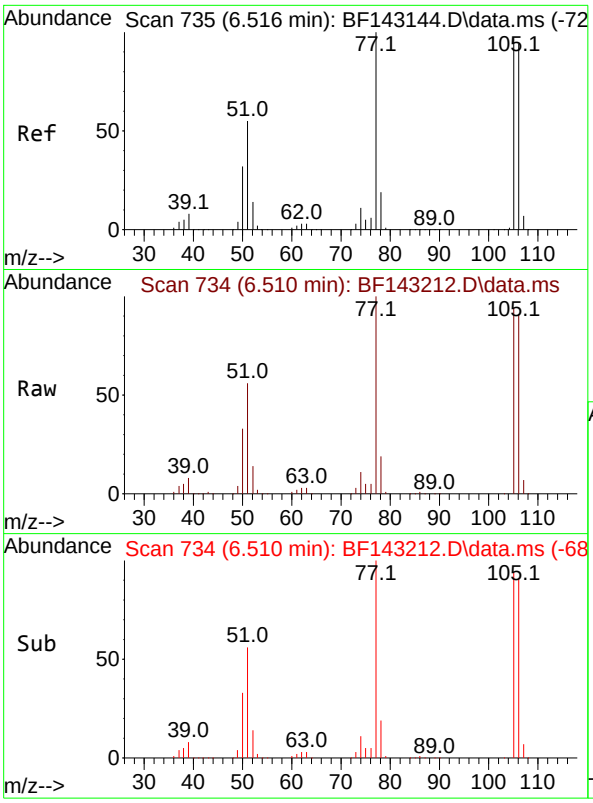




#8
2-Chlorophenol
Concen: 42.153 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:128 Resp: 355572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.1 | 12.3 | 52.3 |
| 64 | 52.9 | 35.9 | 75.9 |



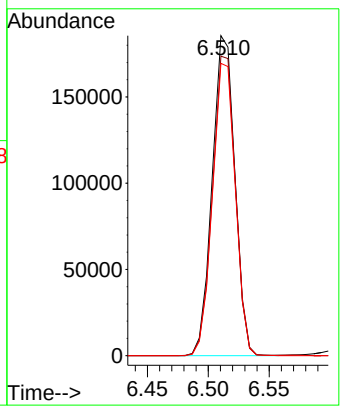


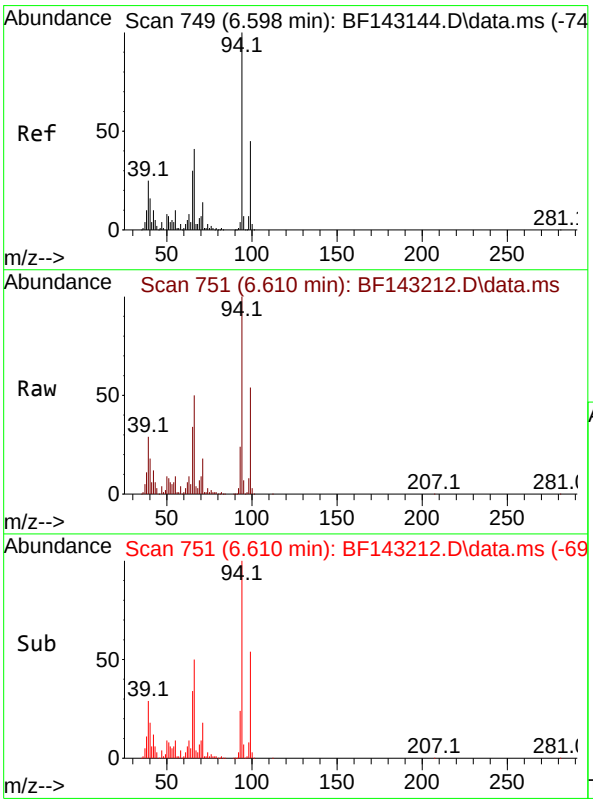

#9
Benzaldehyde
Concen: 31.606 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 77 Resp: 240055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.6 | 76.8 | 116.8 |
| 106 | 91.3 | 74.4 | 114.4 |

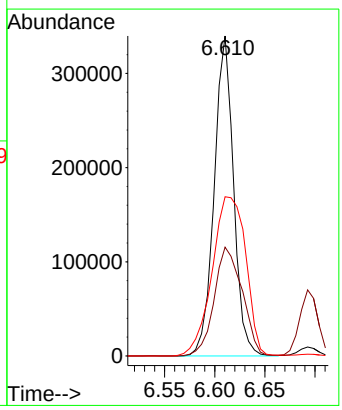


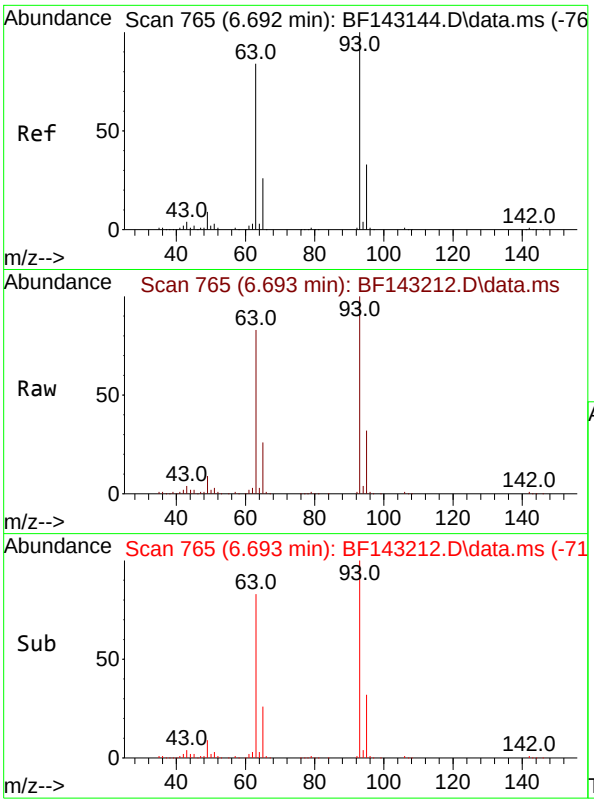




#10
Phenol
Concen: 41.386 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 94 Resp: 456674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.0 | 10.0 | 50.0 |
| 66 | 49.7 | 20.8 | 60.8 |



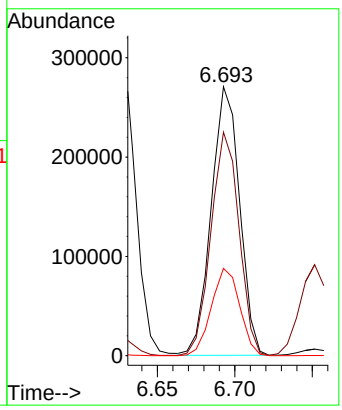


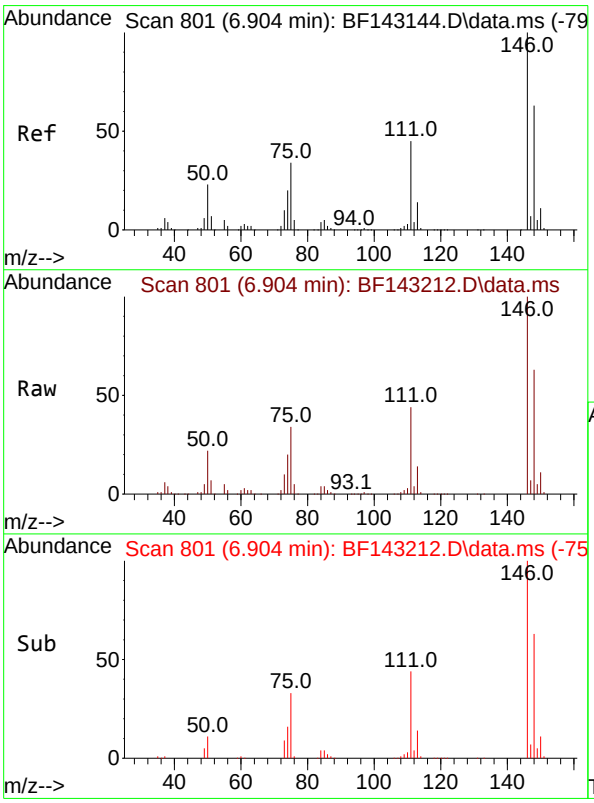

#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 6.693 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 93 Resp: 344126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.1 | 63.4 | 103.4 |
| 95 | 32.5 | 12.4 | 52.4 |

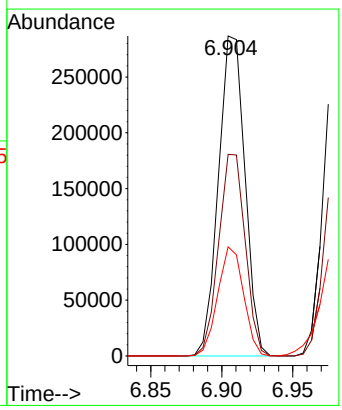


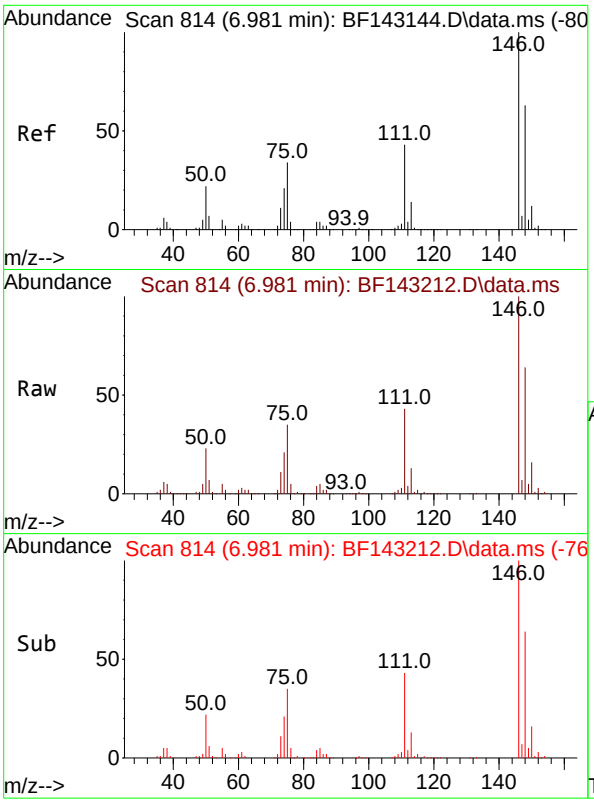




#12
1,3-Dichlorobenzene
Concen: 40.653 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 372518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 75 | 34.1 | 27.4 | 41.2 |



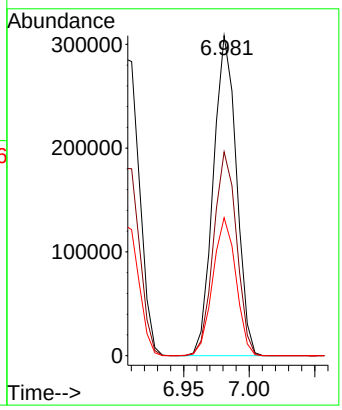


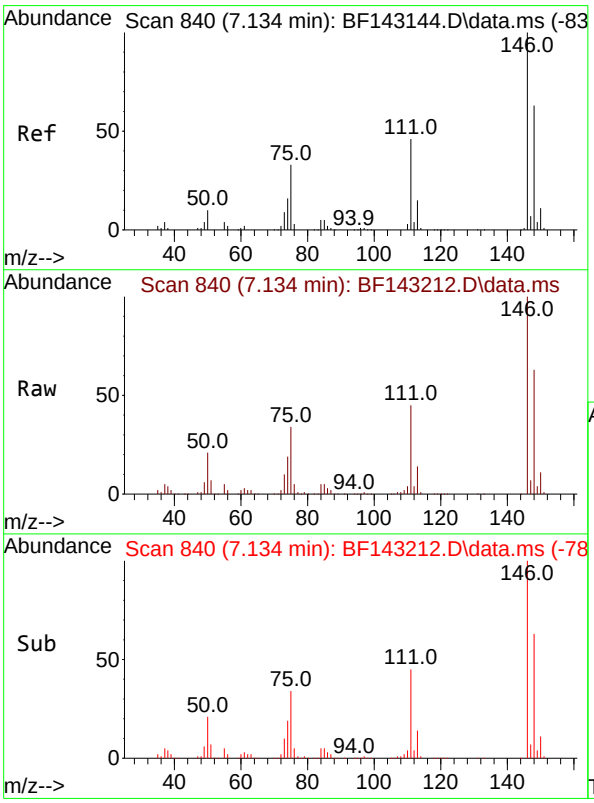

#13
1,4-Dichlorobenzene
Concen: 40.912 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:146 Resp: 377541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.3 | 75.5 |
| 111 | 43.1 | 34.4 | 51.6 |

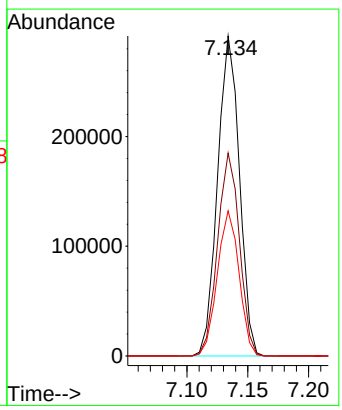


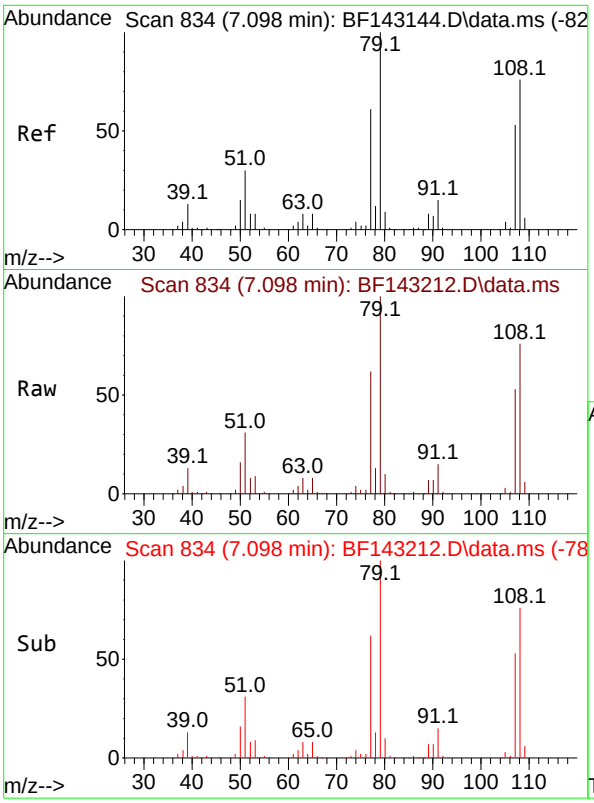




#14
1,2-Dichlorobenzene
Concen: 41.502 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:146 Resp: 364259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.7 | 76.1 |
| 111 | 45.4 | 36.6 | 54.8 |



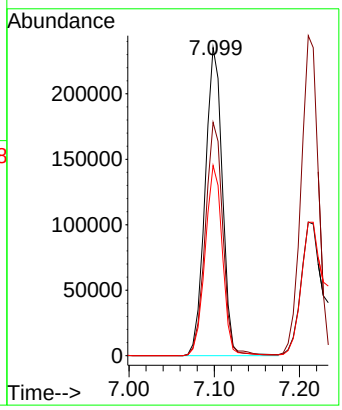


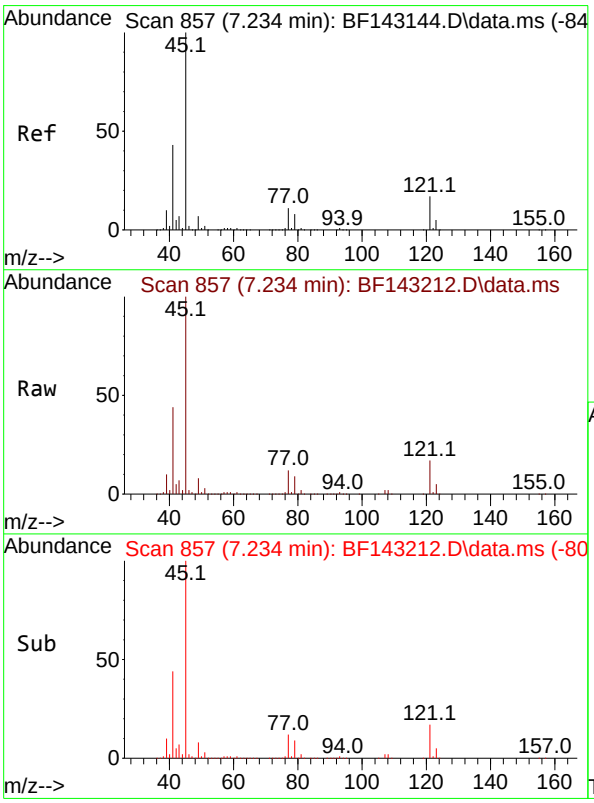

#15
Benzyl Alcohol
Concen: 42.914 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 79 Resp: 331900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.7 | 61.1 | 91.7 |
| 77 | 61.7 | 48.9 | 73.3 |

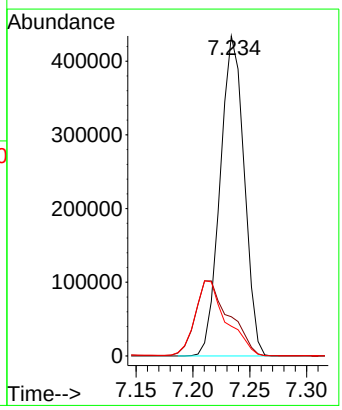


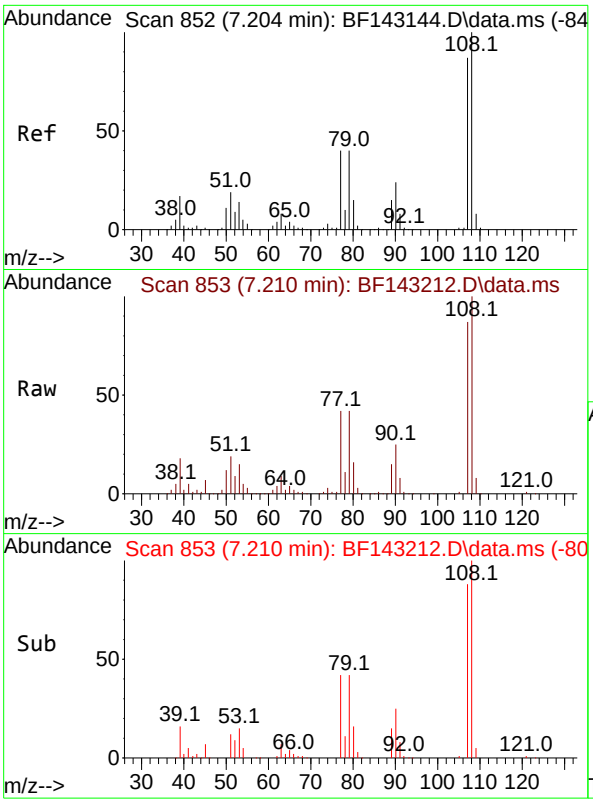




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.797 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 45 Resp: 639401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.3 | 0.0 | 31.2 |
| 79 | 9.3 | 0.0 | 28.5 |



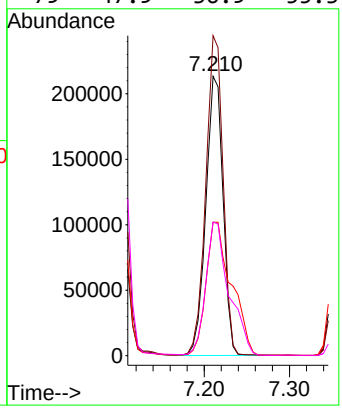


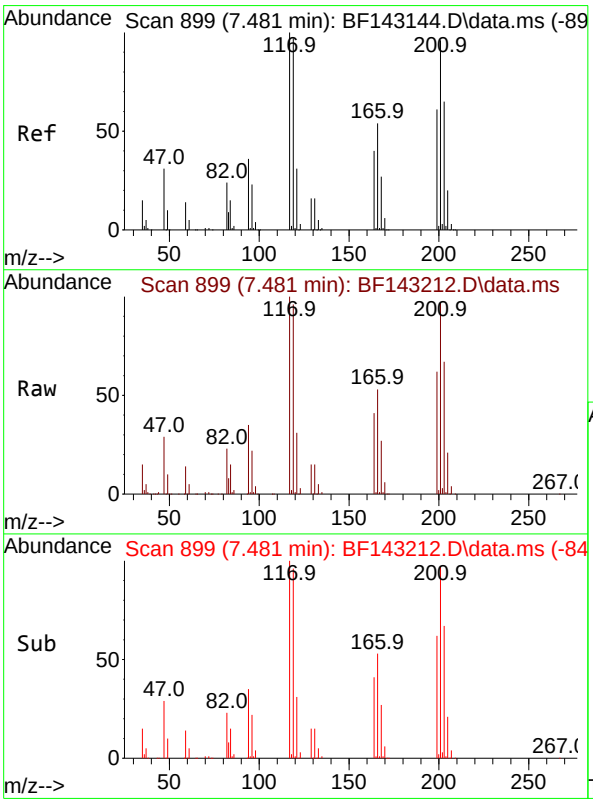

#17
2-Methylphenol
Concen: 42.113 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:107 Resp: 298687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.5 | 91.8 | 137.6 |
| 77 | 47.8 | 37.0 | 55.6 |
| 79 | 47.9 | 36.9 | 55.3 |

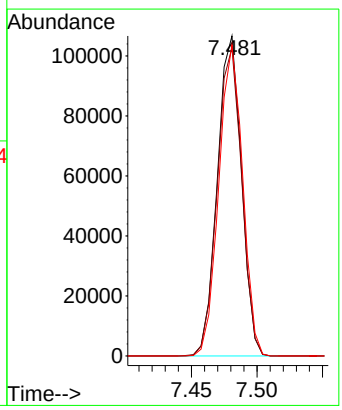


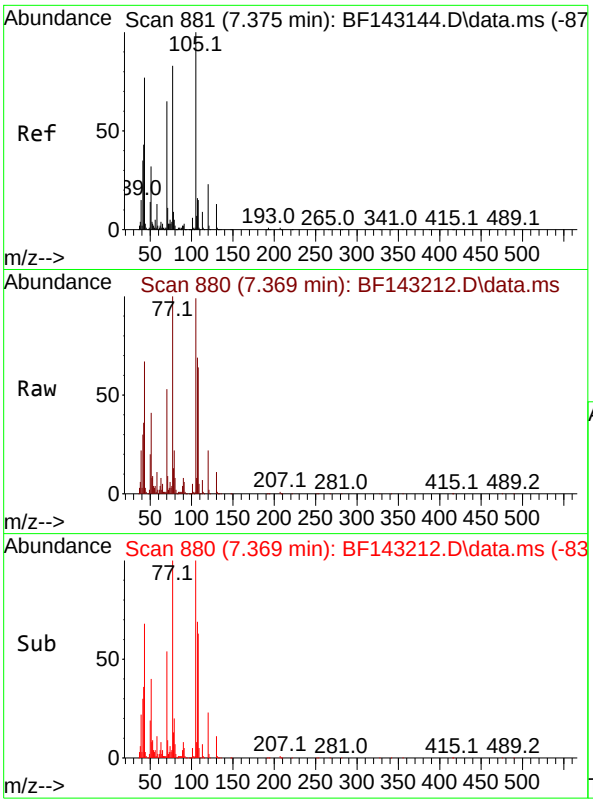




#18
Hexachloroethane
Concen: 42.714 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:117 Resp: 136455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 77.8 | 116.8 |
| 201 | 97.2 | 77.0 | 115.4 |



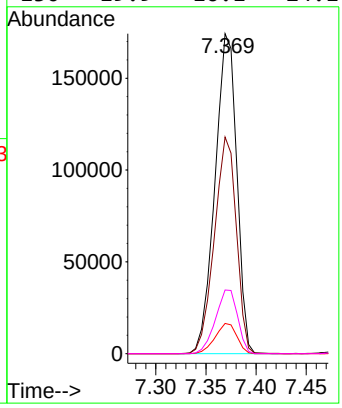


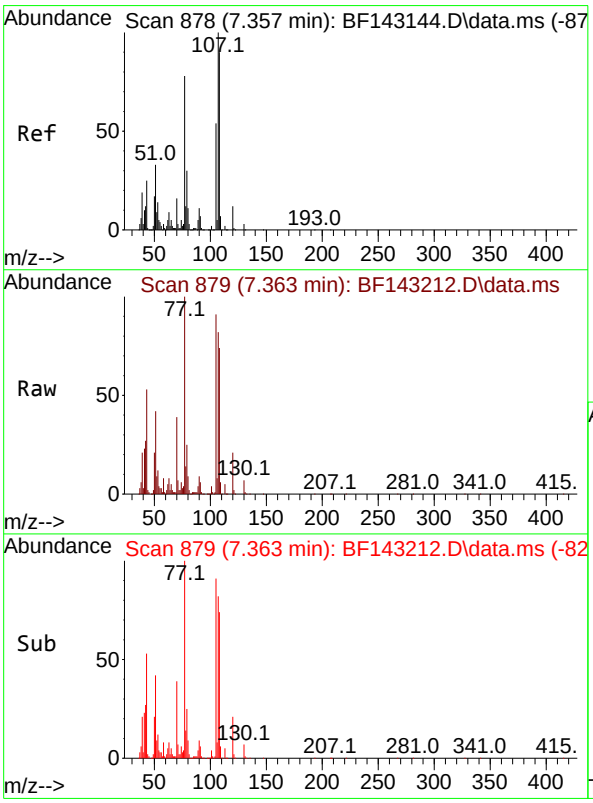

#19
n-Nitroso-di-n-propylamine
Concen: 40.461 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 70 Resp: 262936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.7 | 52.5 | 78.7 |
| 101 | 9.5 | 7.6 | 11.4 |
| 130 | 19.9 | 16.1 | 24.1 |

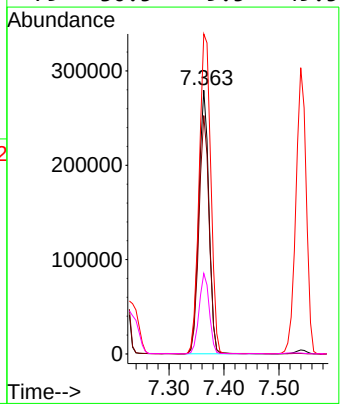


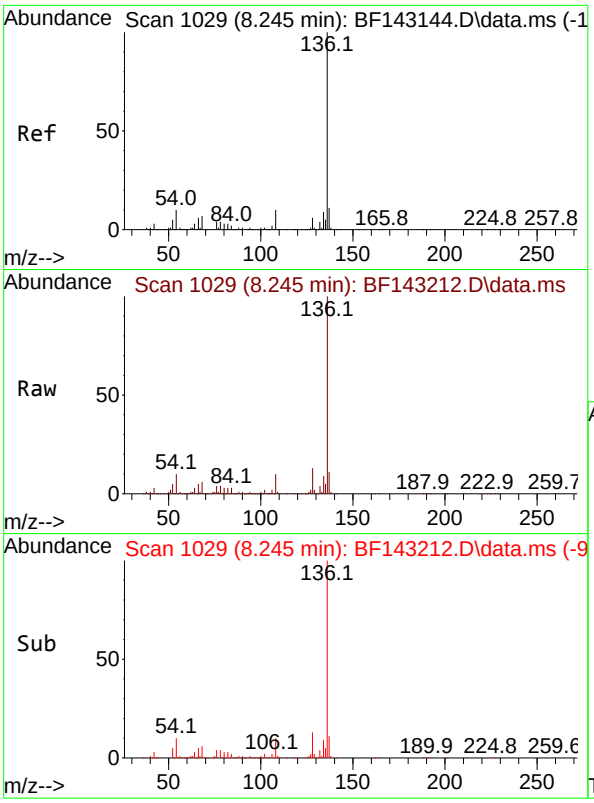




#20
3+4-Methylphenols
Concen: 41.787 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 359582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 70.0 | 110.0 |
| 77 | 121.4 | 57.8 | 97.8# |
| 79 | 30.5 | 9.5 | 49.5 |



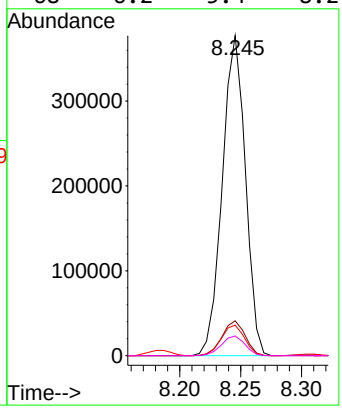


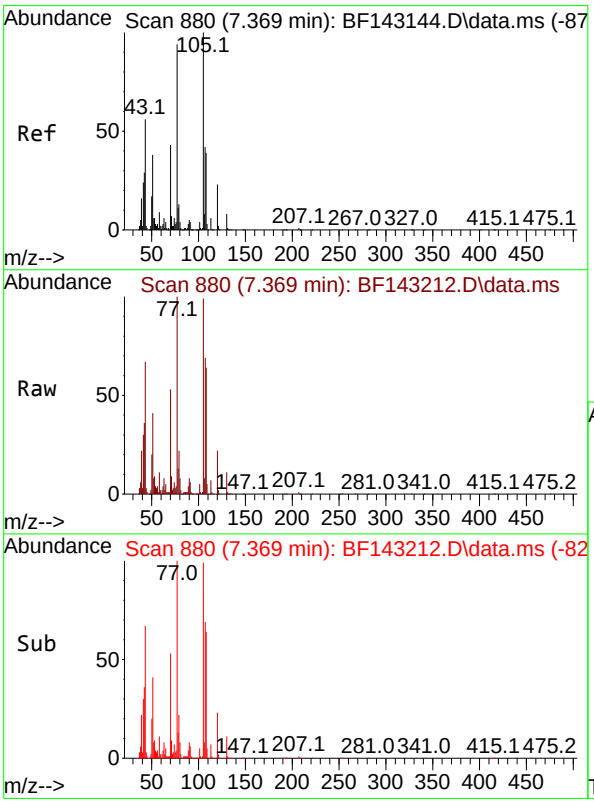

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:136 Resp: 497233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 9.5 | 8.2 | 12.2 |
| 68 | 6.2 | 5.4 | 8.2 |

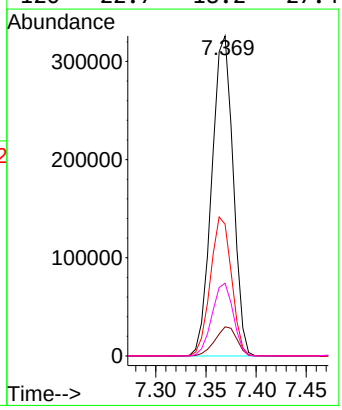


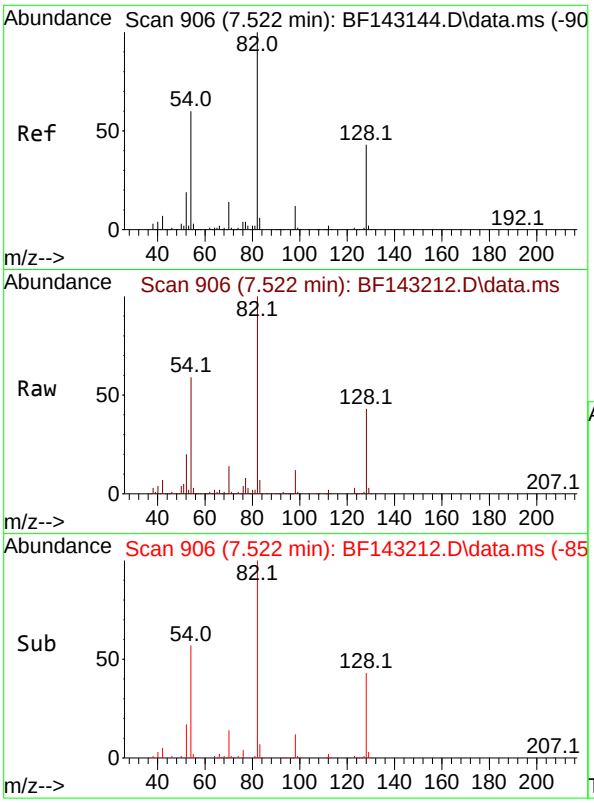




#22
Acetophenone
Concen: 40.948 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:105 Resp: 482041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.1 | 5.8 | 8.6# |
| 51 | 41.1 | 30.2 | 45.2 |
| 120 | 22.7 | 18.2 | 27.4 |



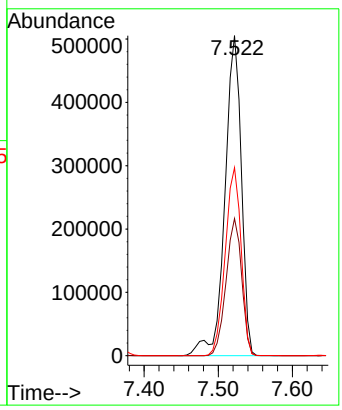


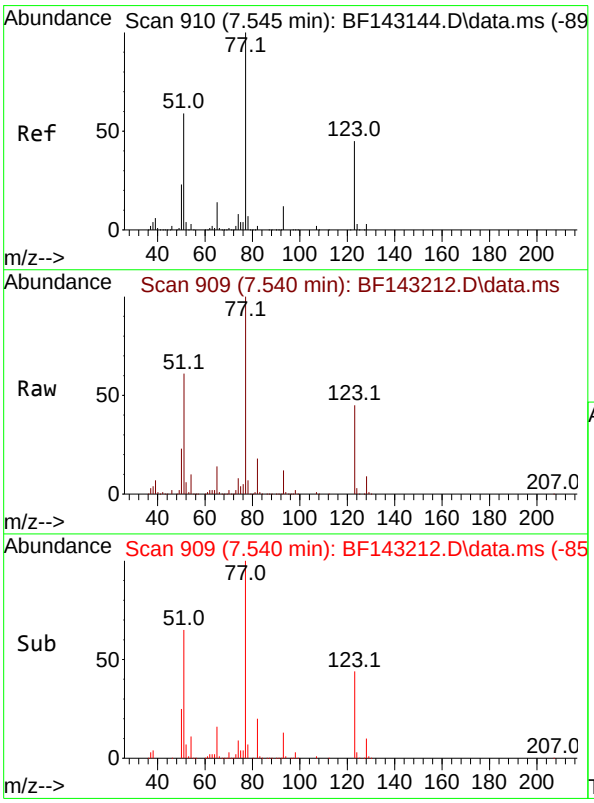

#23
Nitrobenzene-d5
Concen: 77.891 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 82 Resp: 776976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 33.6 | 50.4 |
| 54 | 58.7 | 47.1 | 70.7 |

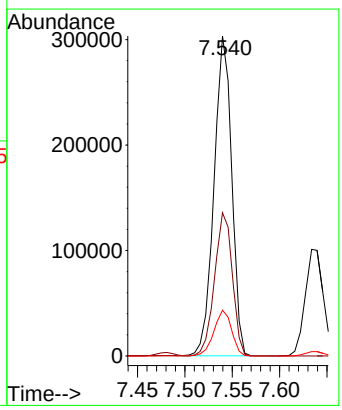


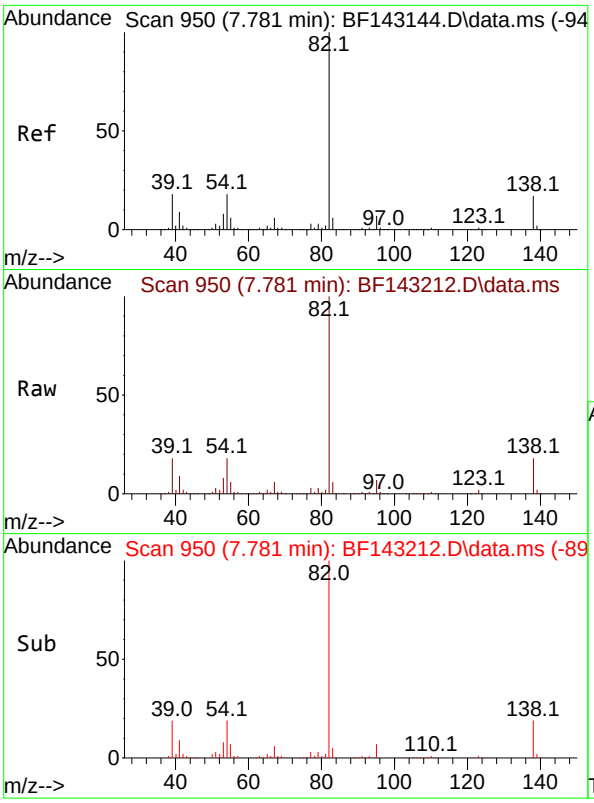




#24
Nitrobenzene
Concen: 42.364 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 77 Resp: 393984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.8 | 36.1 | 54.1 |
| 65 | 14.3 | 11.4 | 17.2 |



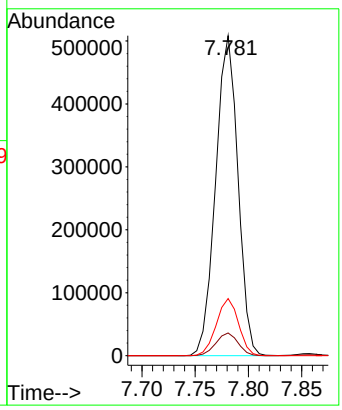


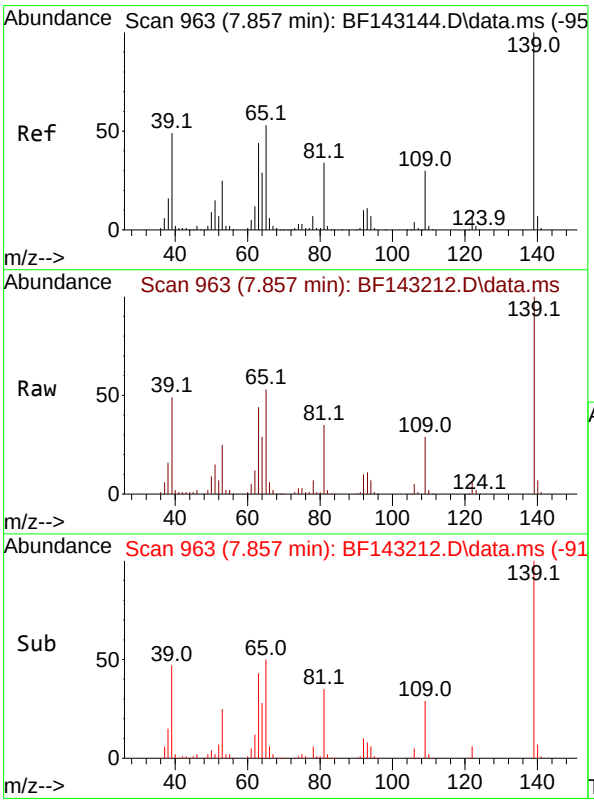

#25
Isophorone
Concen: 41.954 ng
RT: 7.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 82 Resp: 738787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.5 | 8.3 |
| 138 | 17.9 | 13.8 | 20.8 |

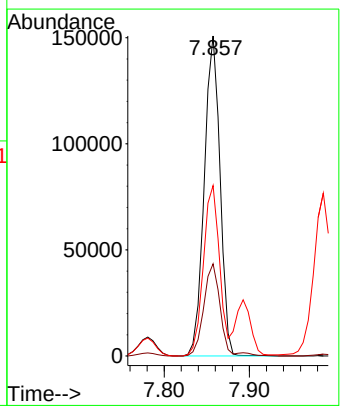


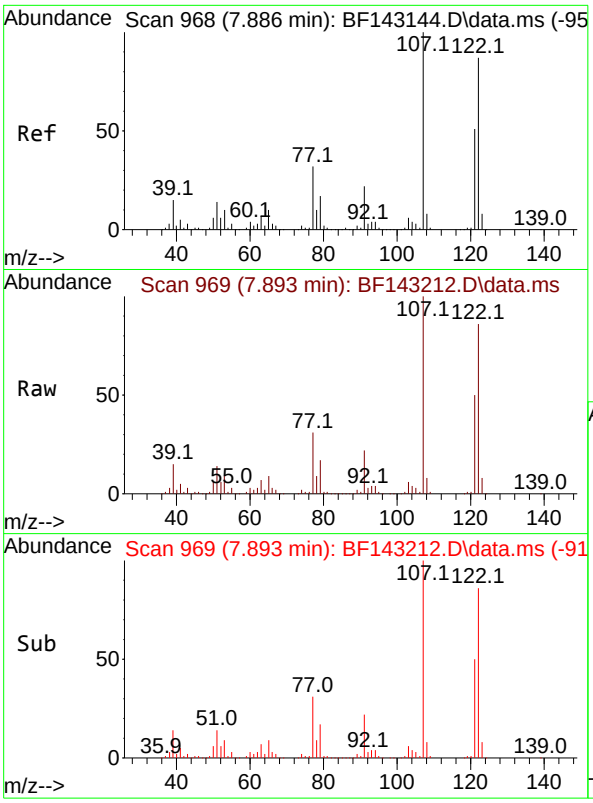




#26
2-Nitrophenol
Concen: 48.051 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 193942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 23.6 | 35.4 |
| 65 | 53.3 | 42.6 | 64.0 |



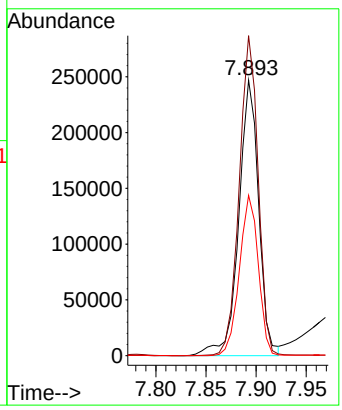


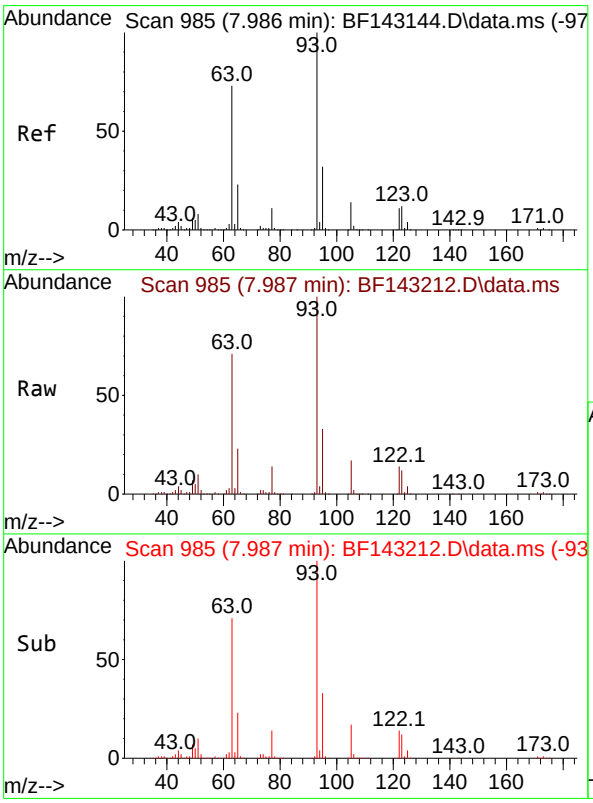

#27
2,4-Dimethylphenol
Concen: 41.592 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:122 Resp: 342191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.1 | 91.8 | 137.6 |
| 121 | 58.2 | 46.3 | 69.5 |

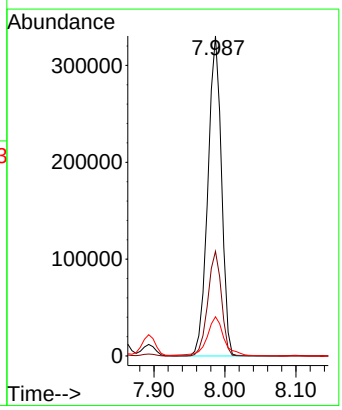


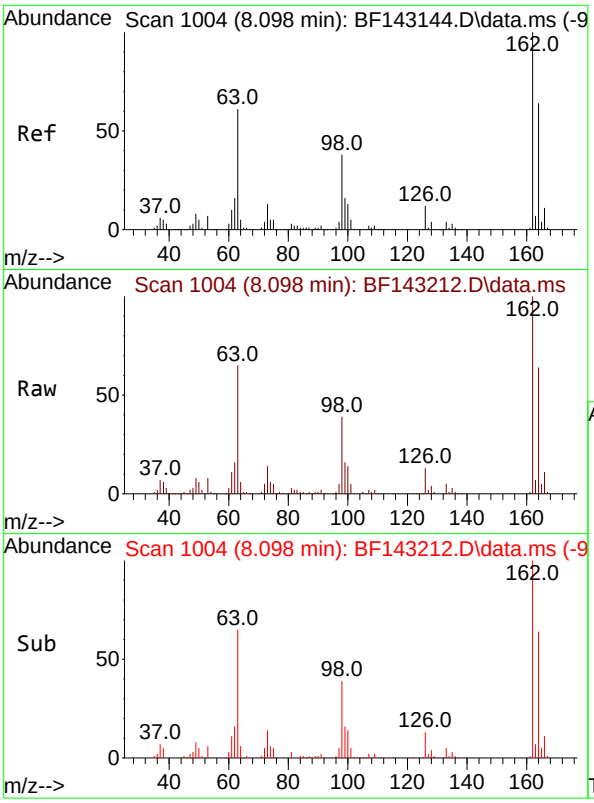




#28
bis(2-Chloroethoxy)methane
Concen: 41.668 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 93 Resp: 439929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 25.8 | 38.6 |
| 123 | 12.3 | 9.7 | 14.5 |



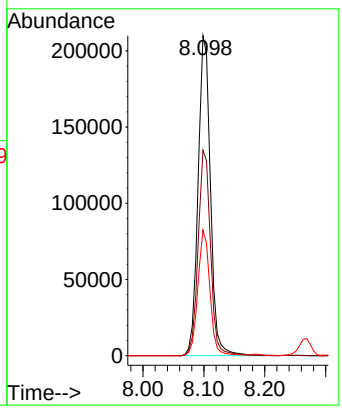


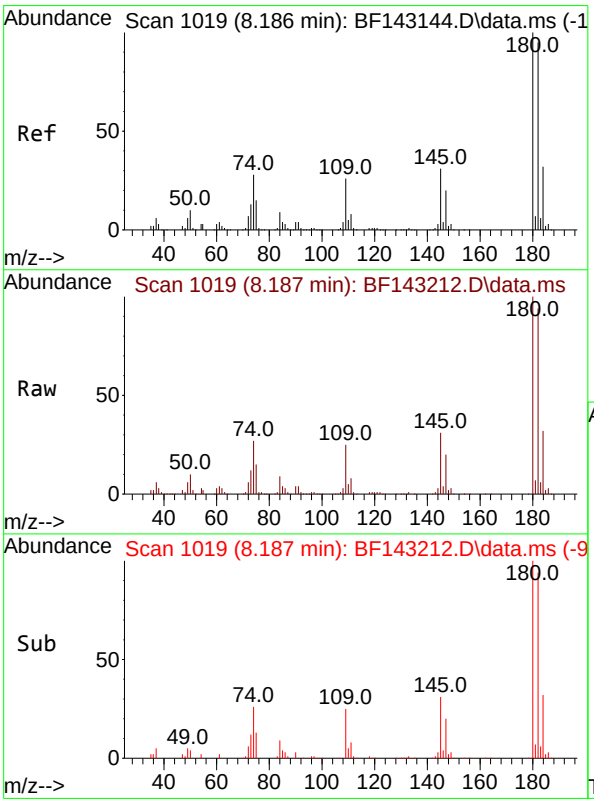

#29
2,4-Dichlorophenol
Concen: 42.636 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:162 Resp: 295824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 39.2 | 17.9 | 57.9 |

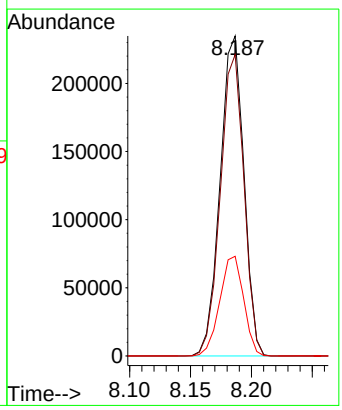


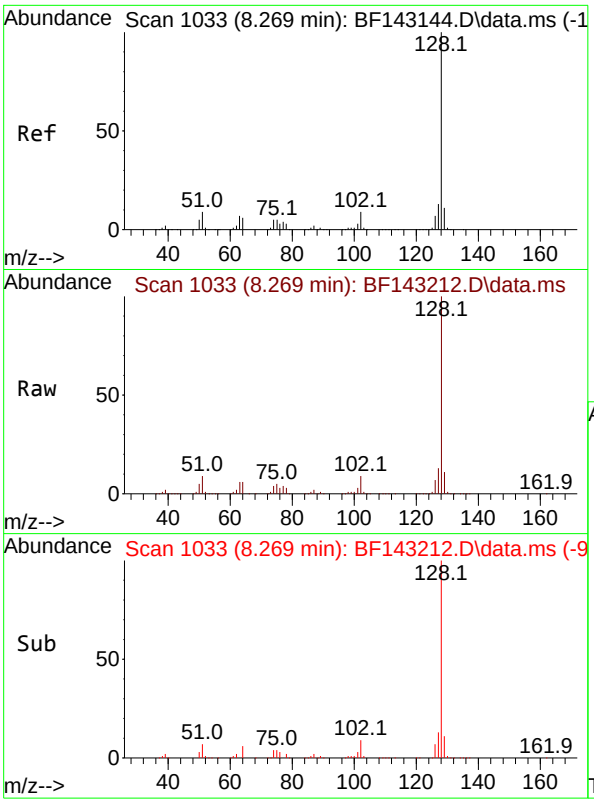




#30
1,2,4-Trichlorobenzene
Concen: 42.525 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:180 Resp: 318755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 76.2 | 114.2 |
| 145 | 31.2 | 25.0 | 37.6 |



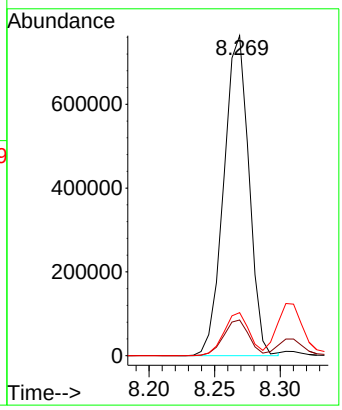


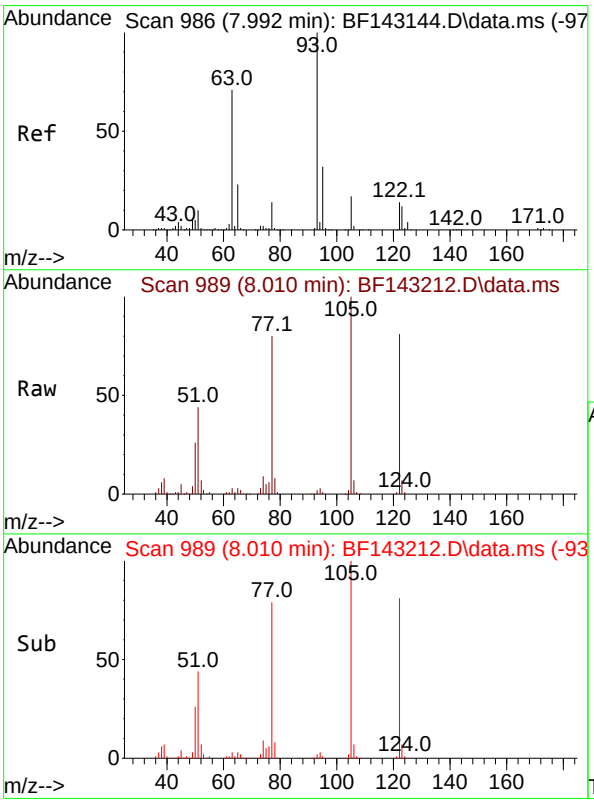

#31
Naphthalene
Concen: 41.625 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:128 Resp: 1019308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 13.4 | 10.6 | 16.0 |

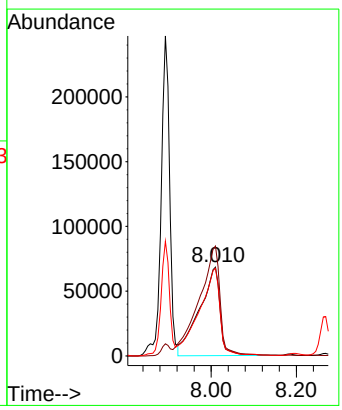


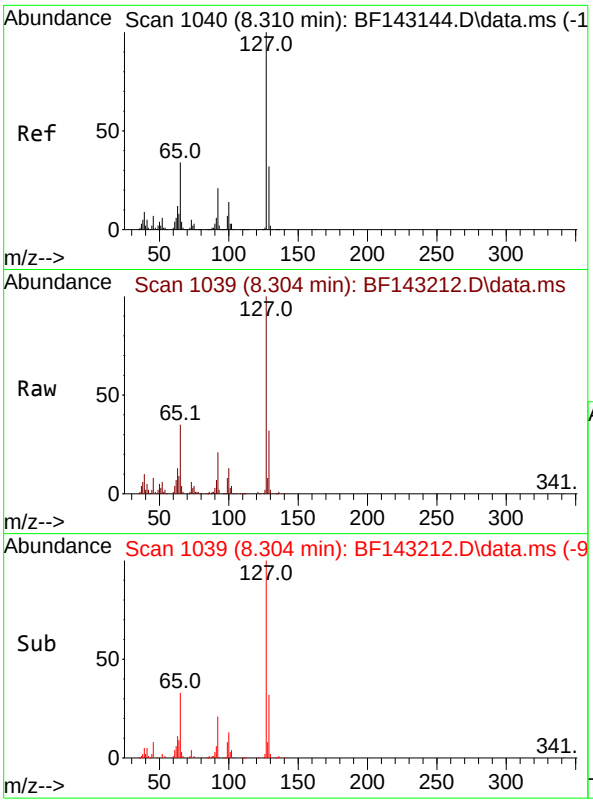




#32
Benzoic acid
Concen: 49.730 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:122 Resp: 231444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.9 | 104.8 | 144.8 |
| 77 | 98.7 | 77.6 | 117.6 |



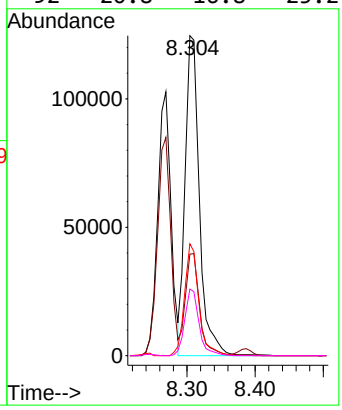


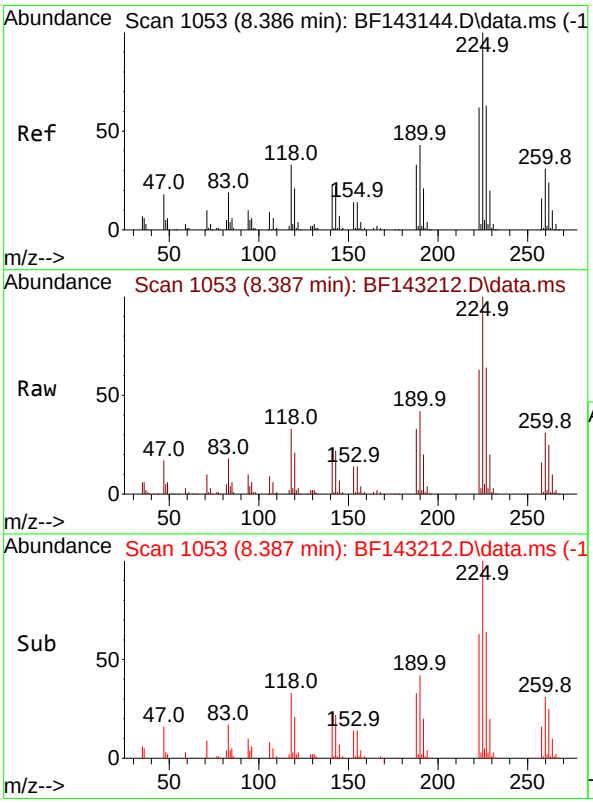

#33
4-Chloroaniline
Concen: 18.095 ng
RT: 8.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:127 Resp: 180929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 26.0 | 39.0 |
| 65 | 34.9 | 27.4 | 41.2 |
| 92 | 20.8 | 16.8 | 25.2 |

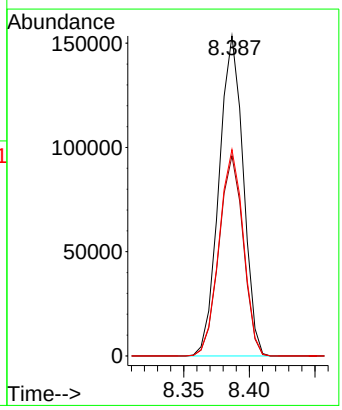


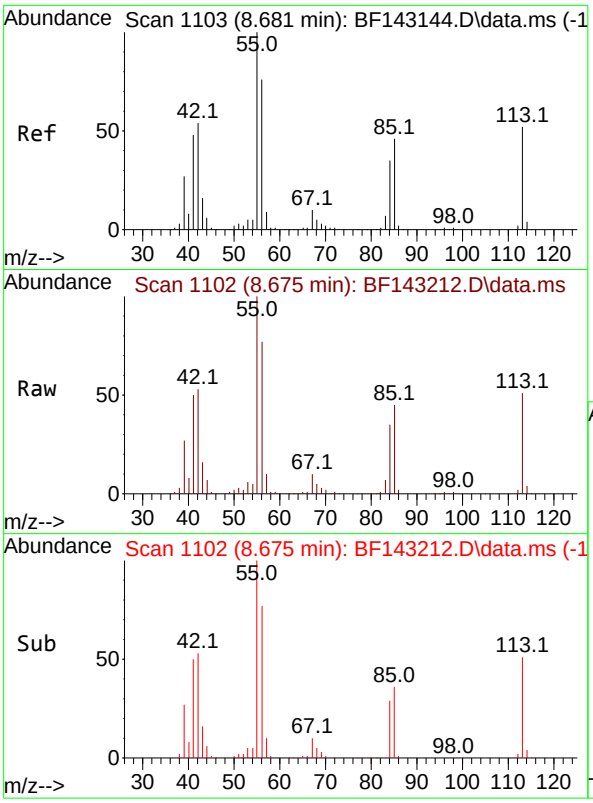




#34
Hexachlorobutadiene
Concen: 42.990 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:225 Resp: 196852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.8 | 74.6 |
| 227 | 64.5 | 50.2 | 75.4 |



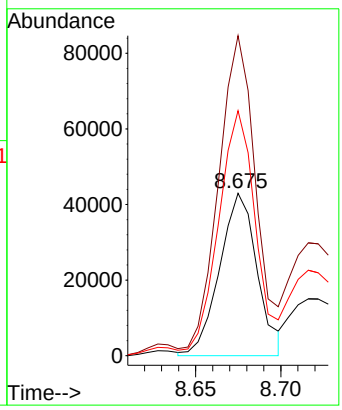


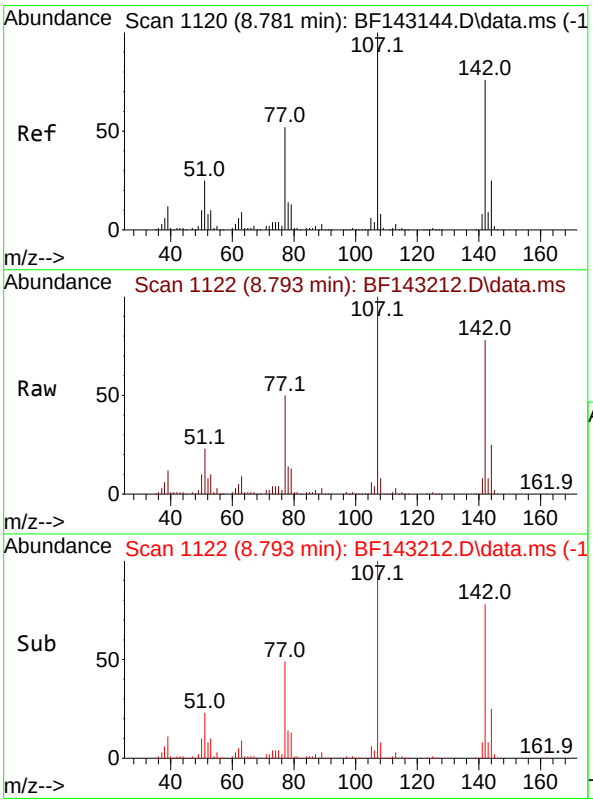

#35
Caprolactam
Concen: 31.392 ng
RT: 8.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:113 Resp: 65818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 197.0 | 174.0 | 214.0 |
| 56 | 150.8 | 126.6 | 166.6 |

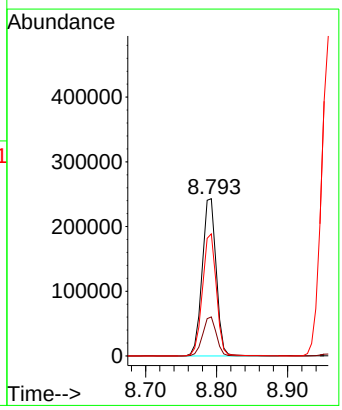


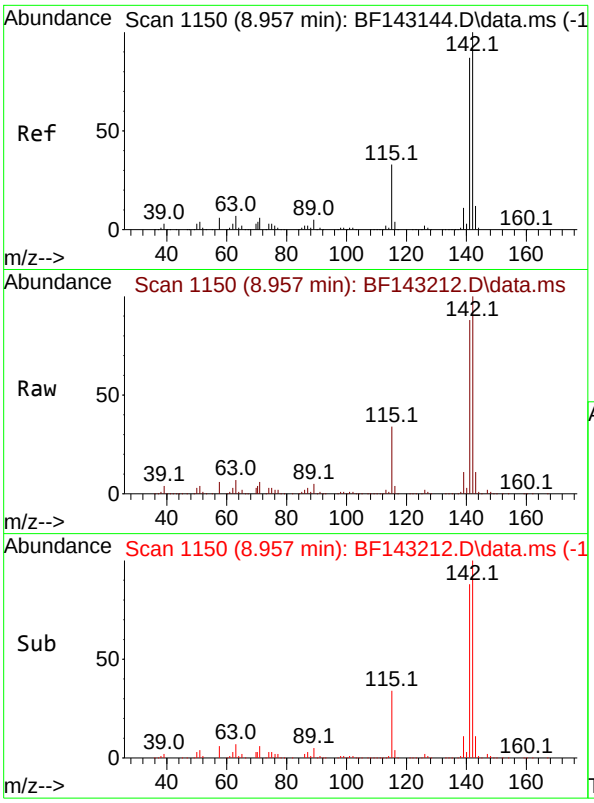




#36
4-Chloro-3-methylphenol
Concen: 44.529 ng
RT: 8.793 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:107 Resp: 335805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 19.8 | 29.6 |
| 142 | 77.7 | 60.6 | 90.8 |



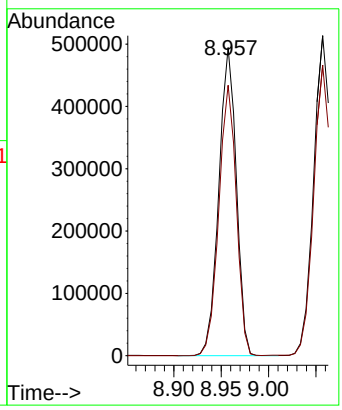


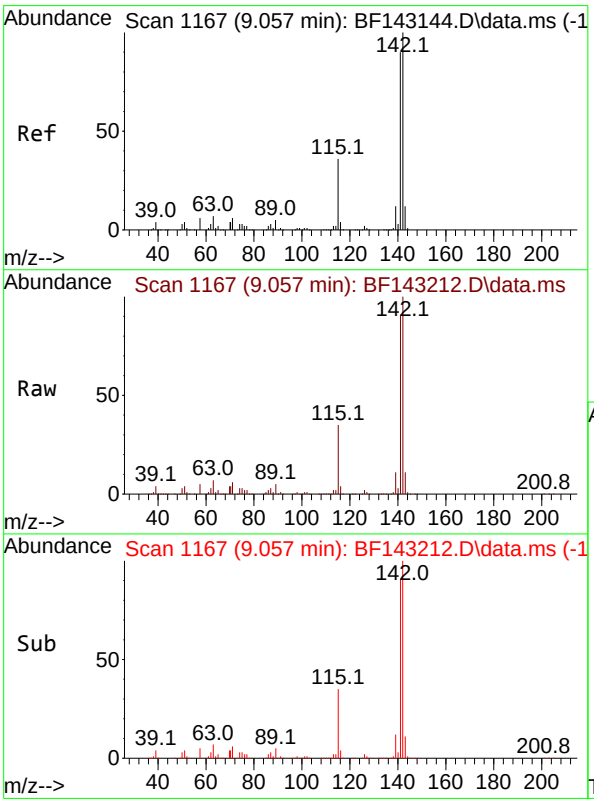

#37
2-Methylnaphthalene
Concen: 42.782 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:142 Resp: 637504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 69.9 | 104.9 |

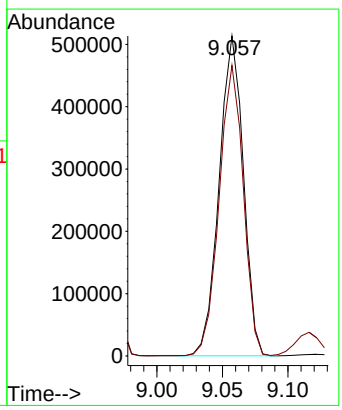


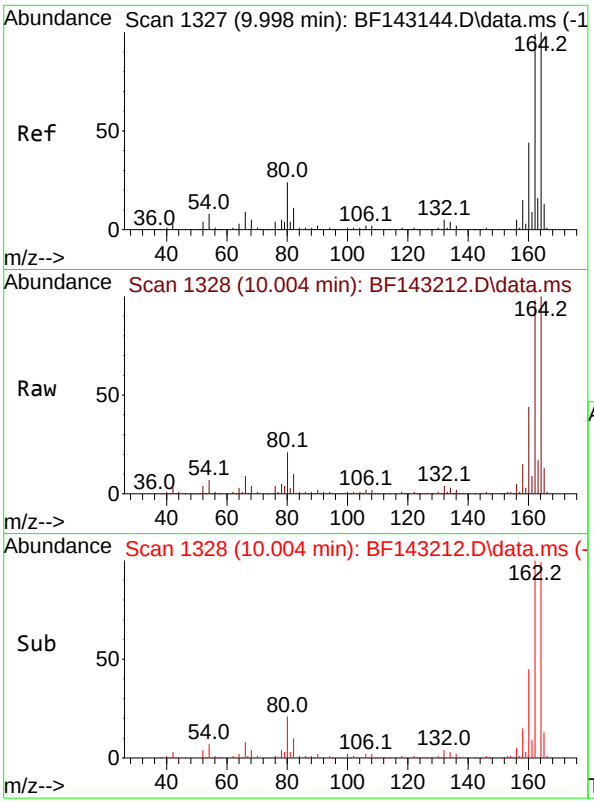




#38
1-Methylnaphthalene
Concen: 42.971 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:142 Resp: 659370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 72.3 | 108.5 |



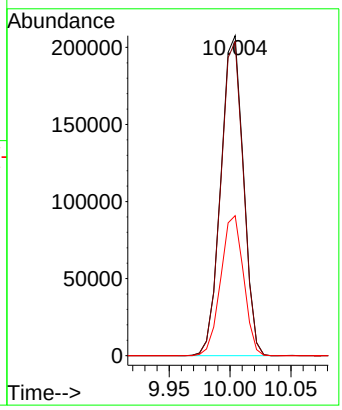


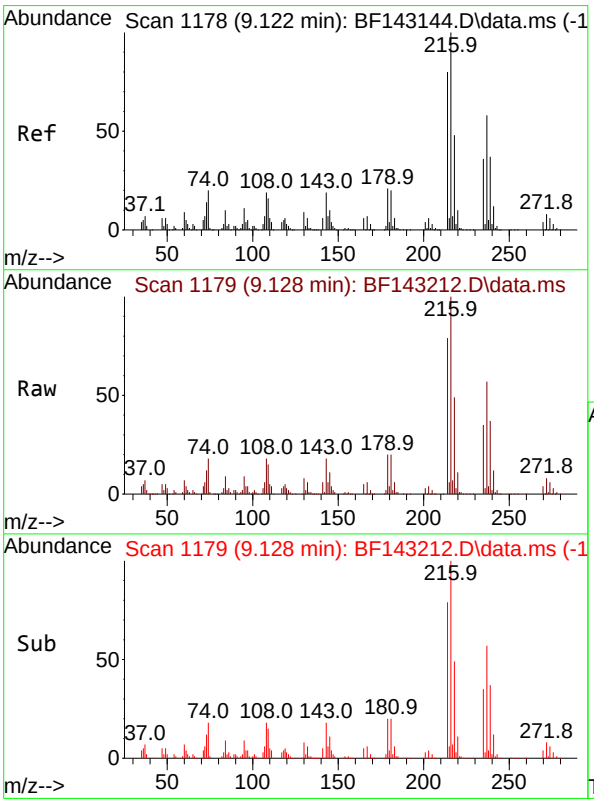

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:164 Resp: 269042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.1 | 79.0 | 118.6 |
| 160 | 43.7 | 35.1 | 52.7 |

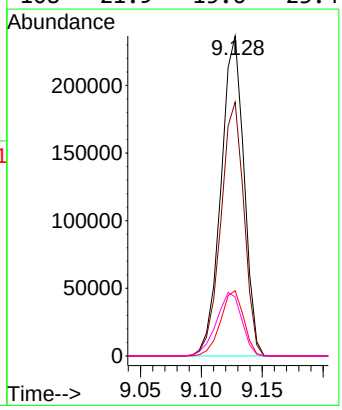


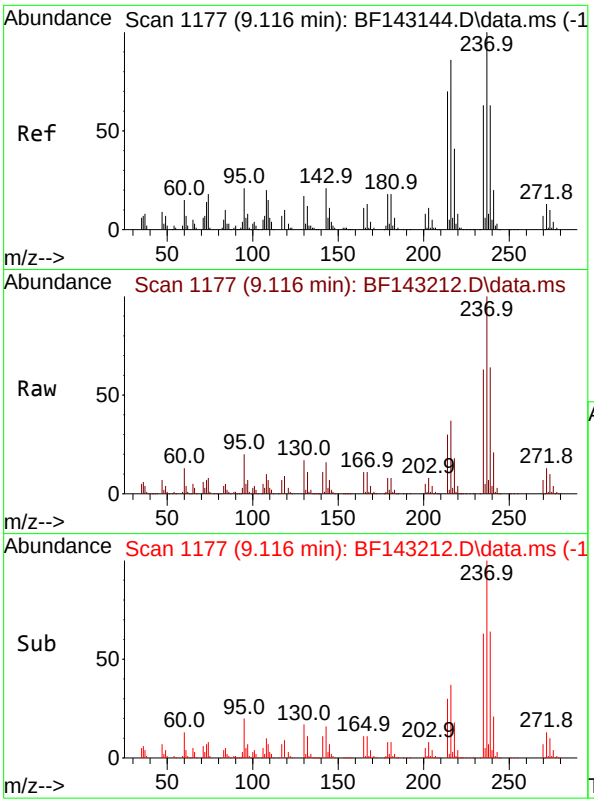




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.025 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:216 Resp: 310898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 63.8 | 95.8 |
| 179 | 20.5 | 16.4 | 24.6 |
| 108 | 21.9 | 15.6 | 23.4 |



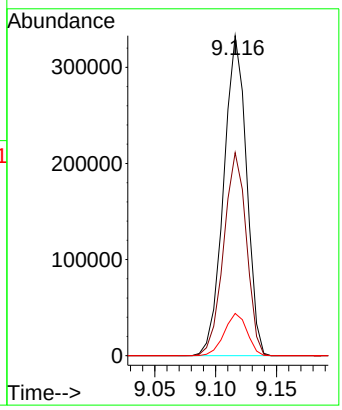


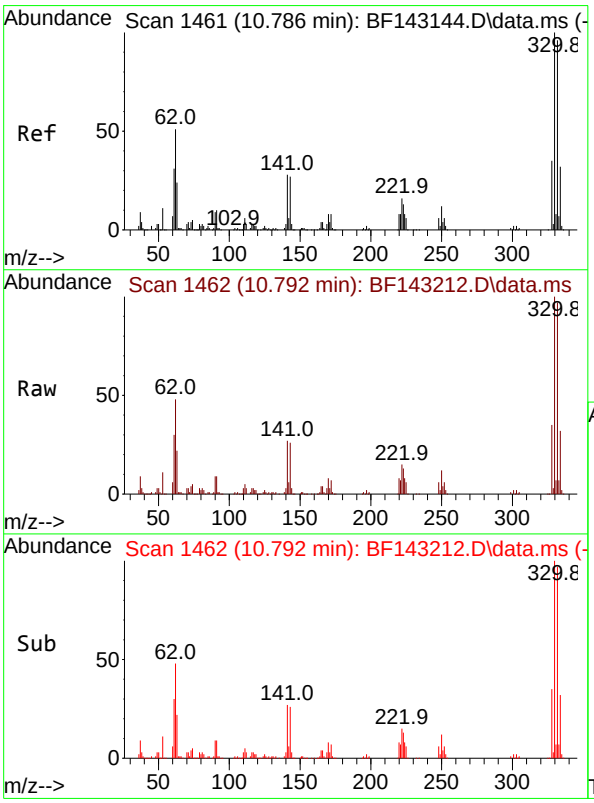

#41
Hexachlorocyclopentadiene
Concen: 85.897 ng
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:237 Resp: 434132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 43.0 | 83.0 |
| 272 | 13.2 | 0.0 | 33.3 |

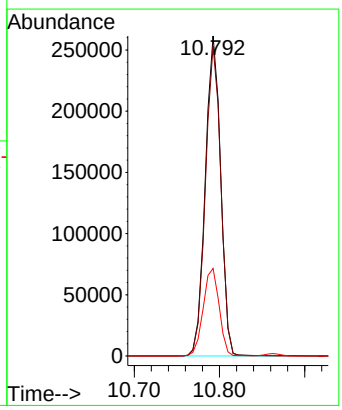


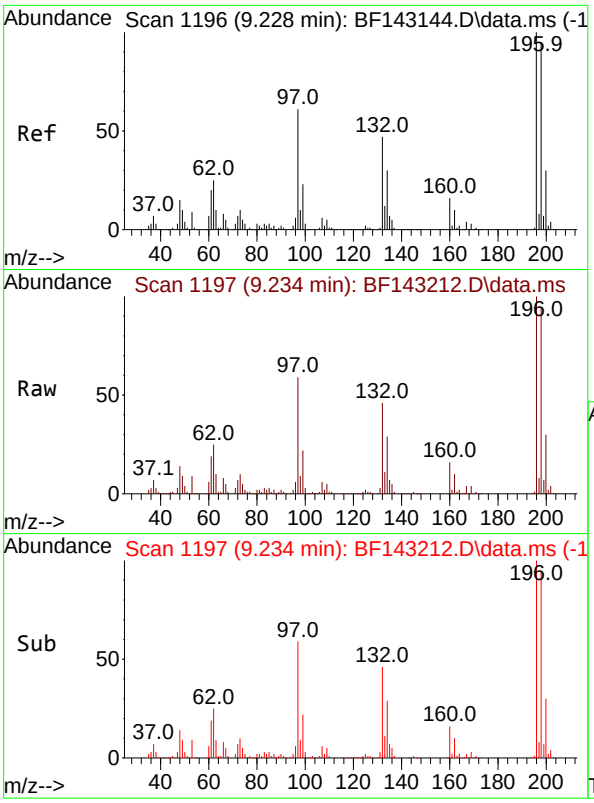




#42
2,4,6-Tribromophenol
Concen: 117.949 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:330 Resp: 327822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.7 | 115.1 |
| 141 | 28.3 | 23.3 | 34.9 |



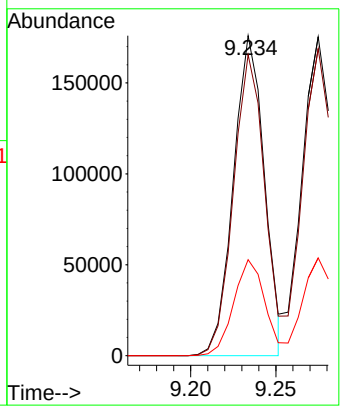


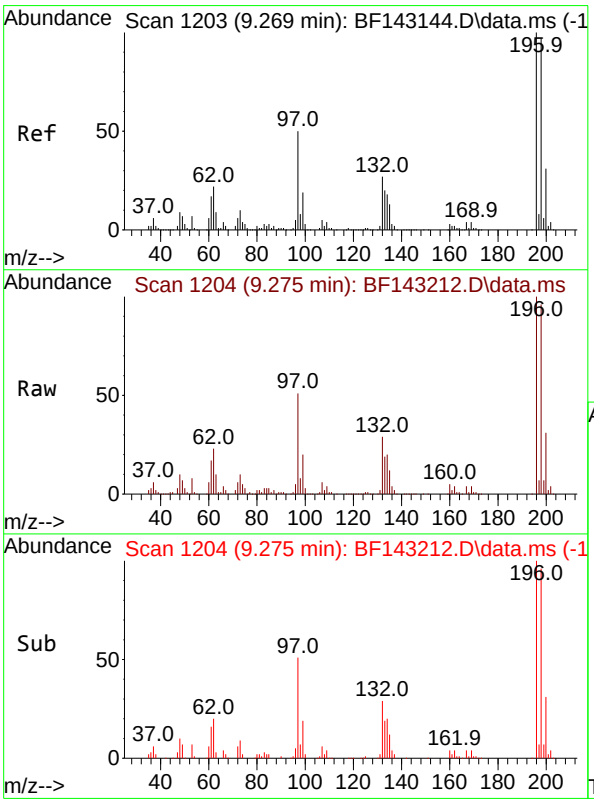

#43
2,4,6-Trichlorophenol
Concen: 41.386 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:196 Resp: 222483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 76.2 | 114.2 |
| 200 | 30.0 | 23.9 | 35.9 |

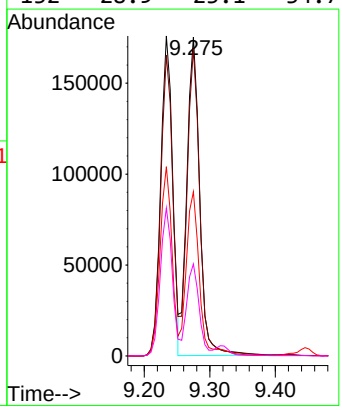


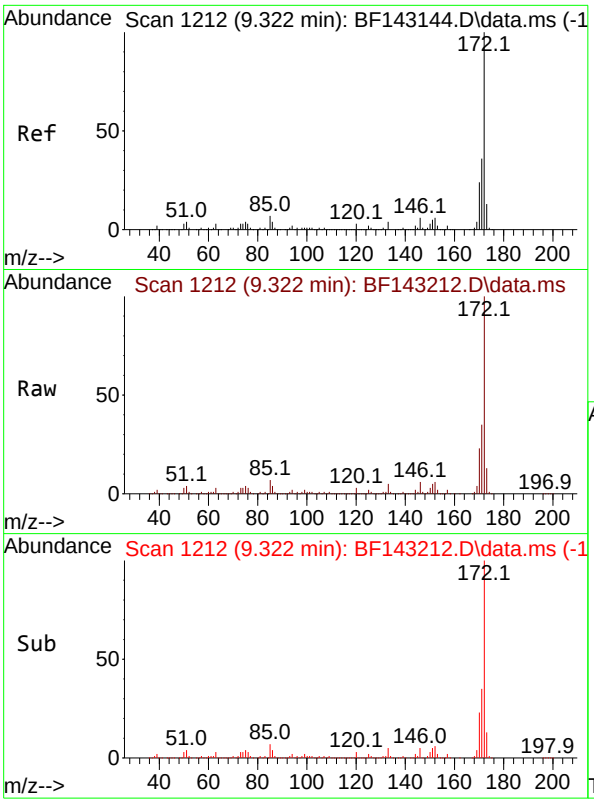




#44
2,4,5-Trichlorophenol
Concen: 43.991 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:196 Resp: 236559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 77.3 | 115.9 |
| 97 | 51.5 | 40.3 | 60.5 |
| 132 | 28.9 | 23.1 | 34.7 |



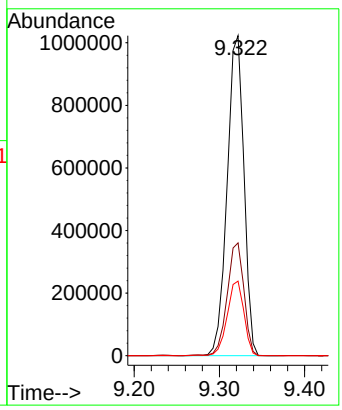


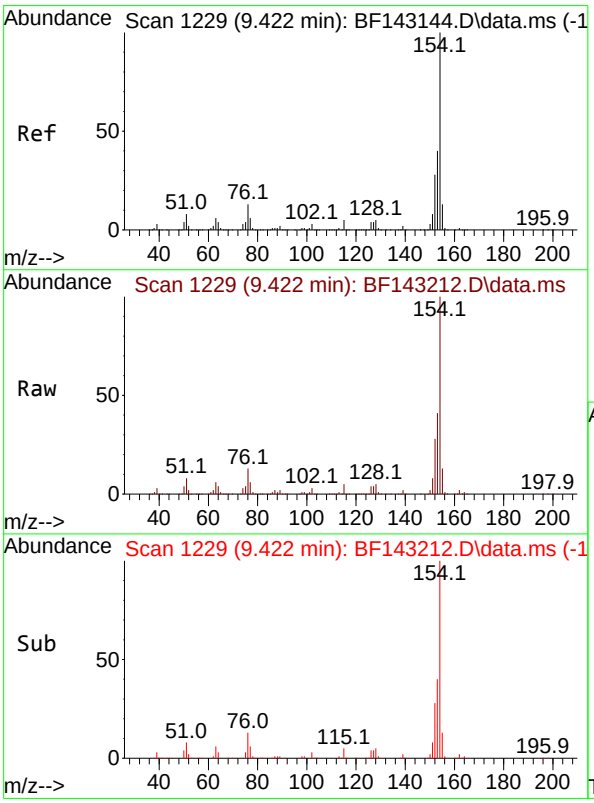

#45
2-Fluorobiphenyl
Concen: 71.040 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:172 Resp: 1397519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.6 | 42.8 |
| 170 | 23.3 | 18.8 | 28.2 |

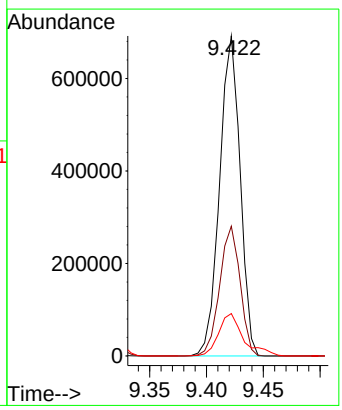


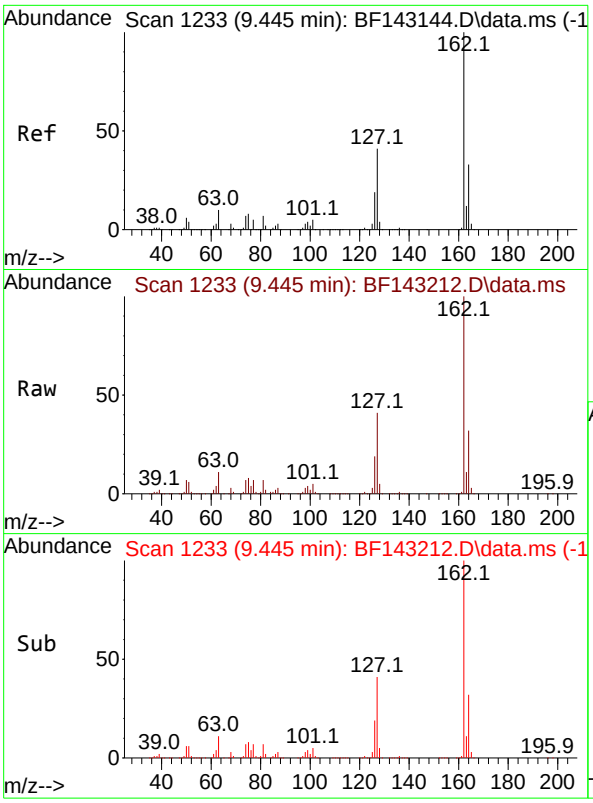




#46
1,1'-Biphenyl
Concen: 41.488 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 870859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 13.2 | 0.0 | 33.3 |



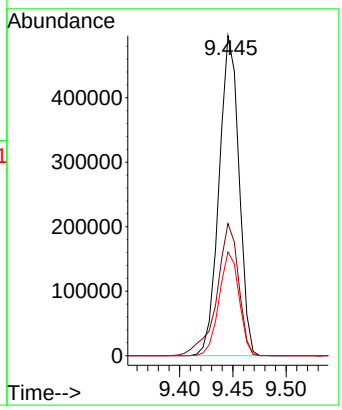


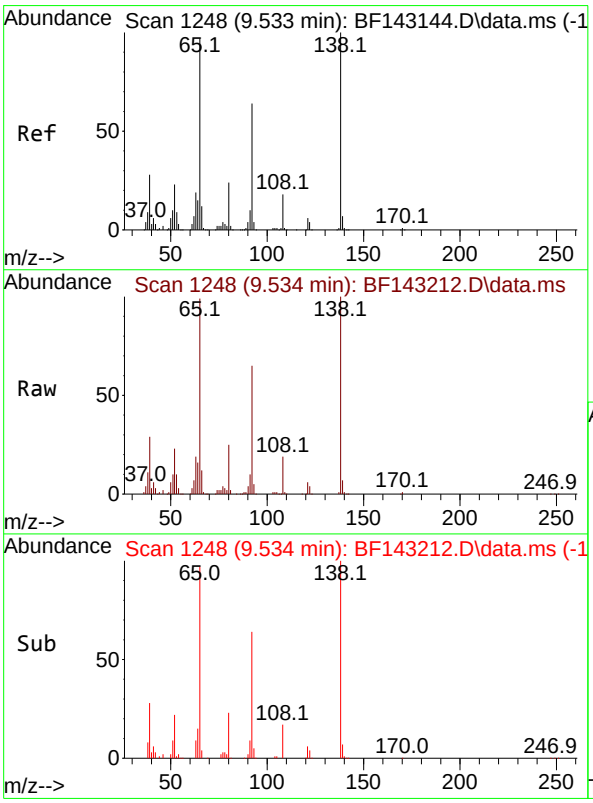

#47
2-Chloronaphthalene
Concen: 41.468 ng
RT: 9.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:162 Resp: 644057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.3 | 33.4 | 50.2 |
| 164 | 32.4 | 26.2 | 39.2 |

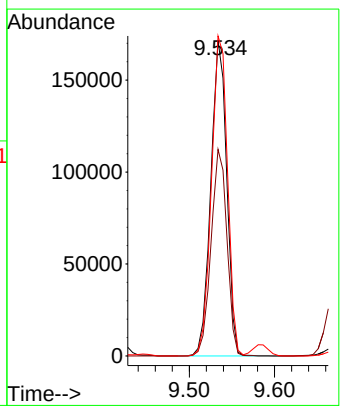


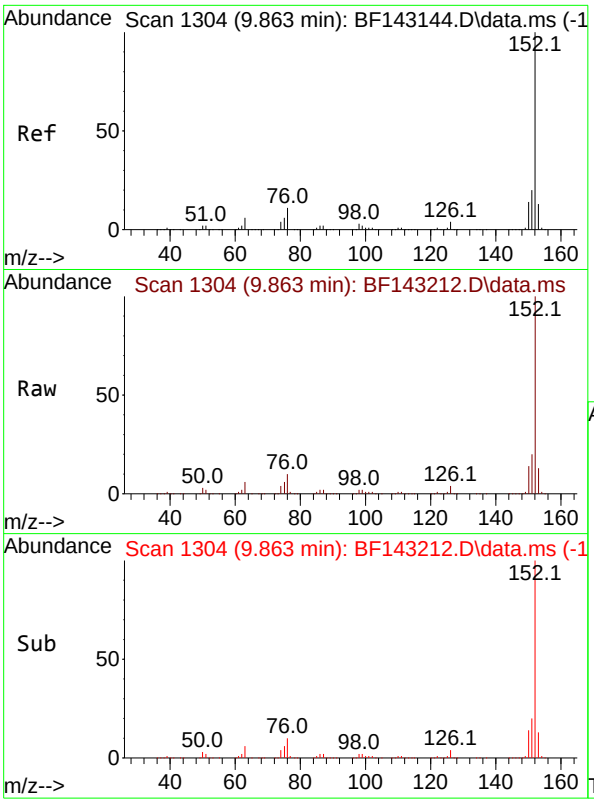




#48
2-Nitroaniline
Concen: 45.611 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 222155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.5 | 52.4 | 78.6 |
| 138 | 101.4 | 82.3 | 123.5 |



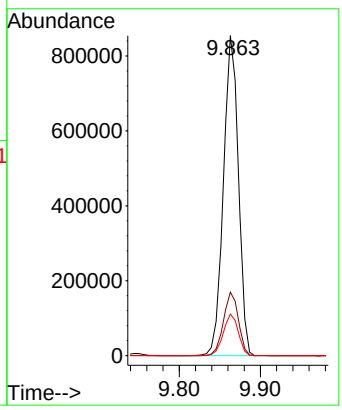


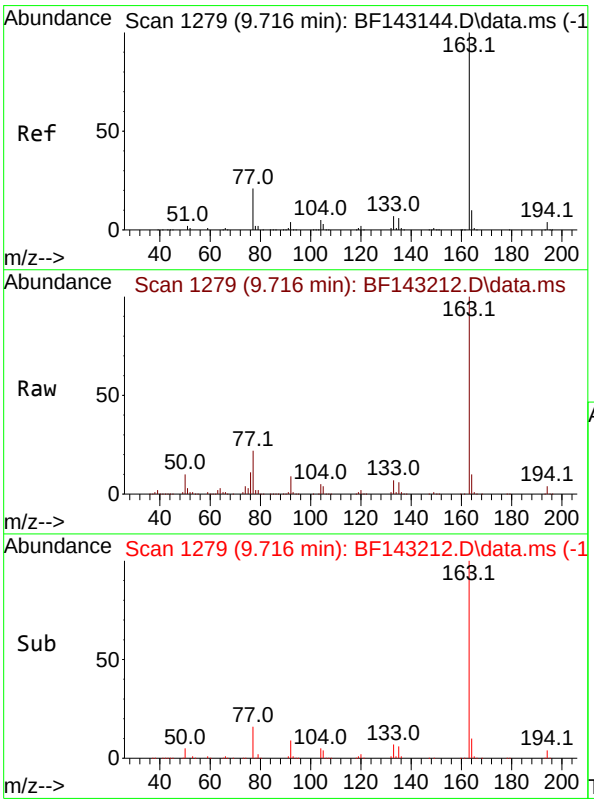

#49
Acenaphthylene
Concen: 42.174 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:152 Resp: 1097730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.2 | 24.2 |
| 153 | 13.0 | 10.6 | 16.0 |

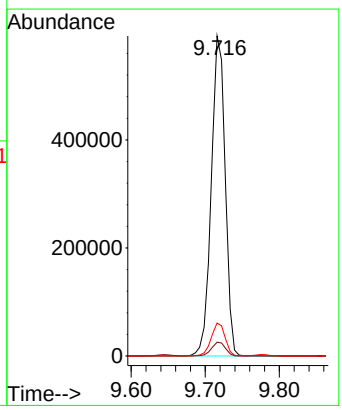


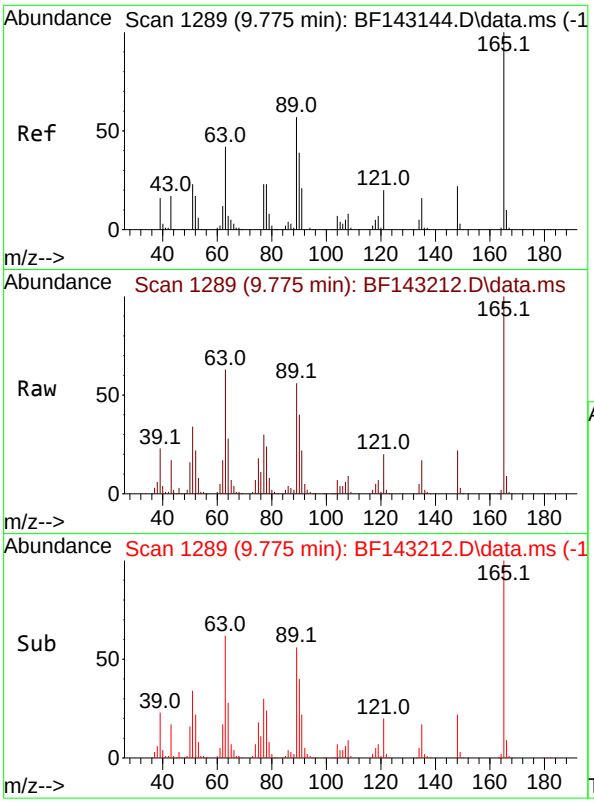




#50
Dimethylphthalate
Concen: 44.055 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:163 Resp: 772585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.3 | 8.3 | 12.5 |



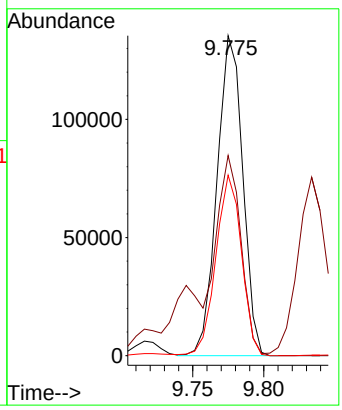


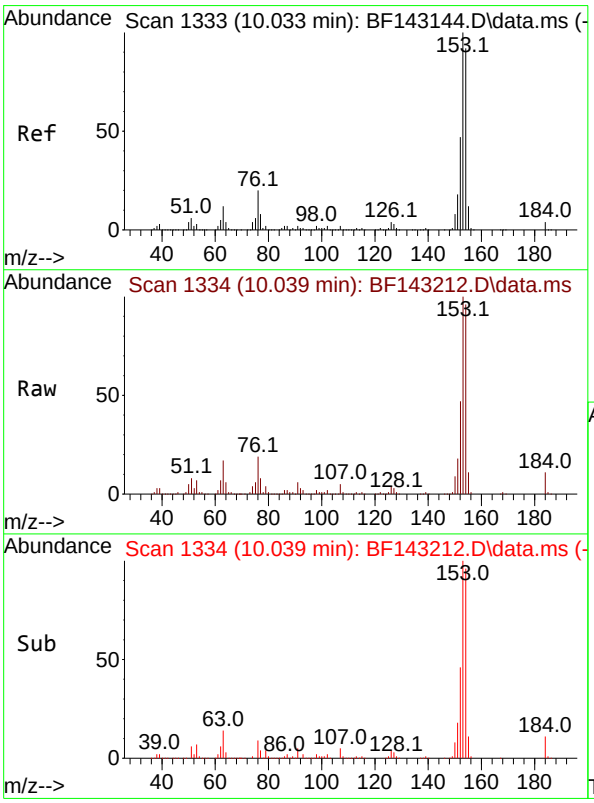

#51
2,6-Dinitrotoluene
Concen: 47.813 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:165 Resp: 170575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.6 | 49.4 | 74.2 |
| 89 | 56.4 | 46.2 | 69.2 |

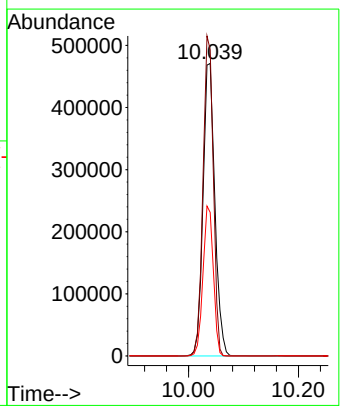


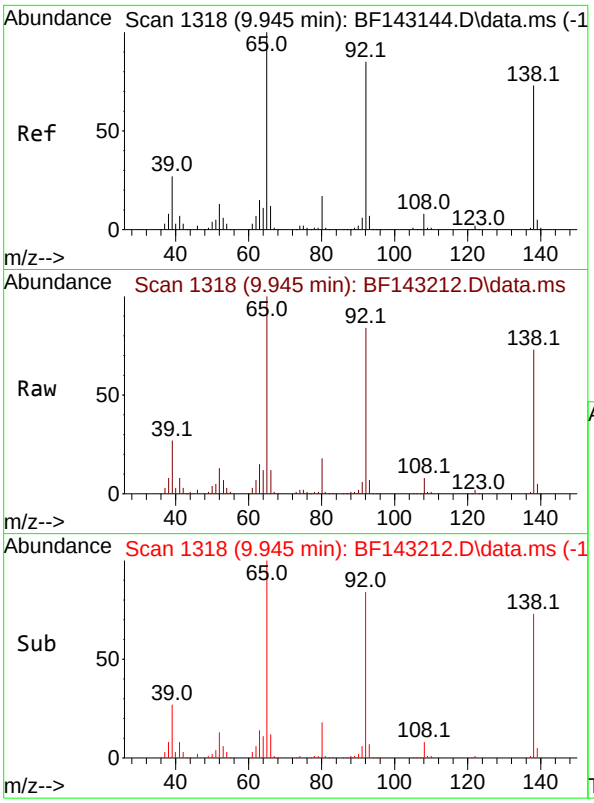




#52
Acenaphthene
Concen: 45.734 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:154 Resp: 703577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 104.7 | 86.6 | 129.8 |
| 152 | 49.1 | 40.4 | 60.6 |



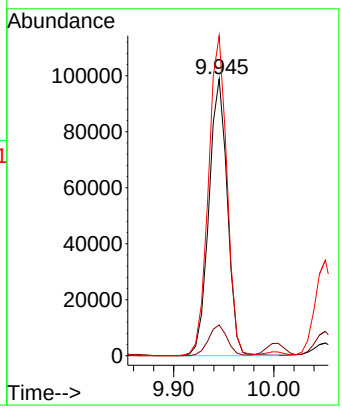


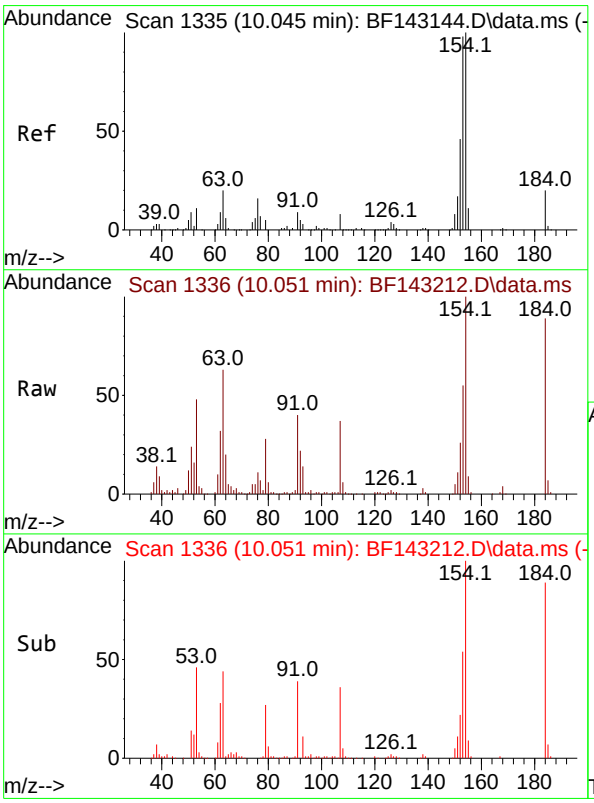

#53
3-Nitroaniline
Concen: 30.278 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:138 Resp: 126346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 9.0 | 13.6 |
| 92 | 115.6 | 93.0 | 139.4 |

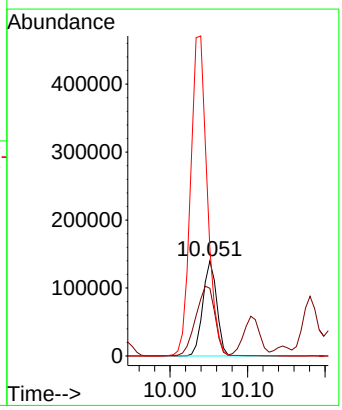


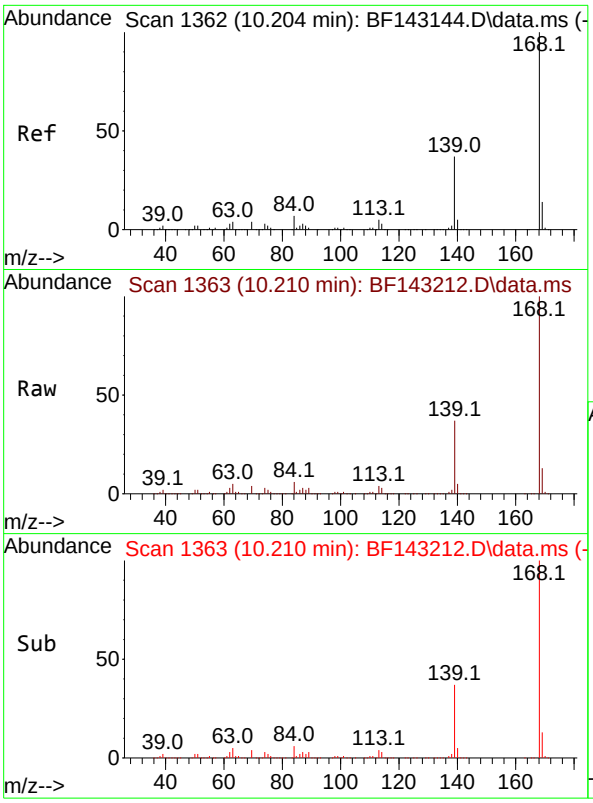




#54
2,4-Dinitrophenol
Concen: 106.394 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:184 Resp: 175905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 71.2 | 81.8 | 122.6# |
| 154 | 112.9 | 412.2 | 618.4# |



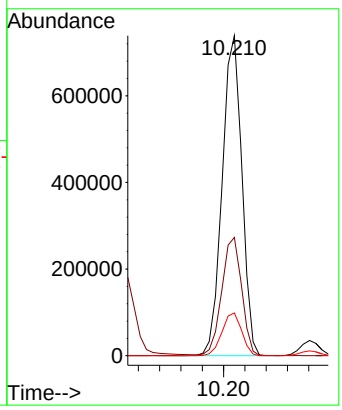


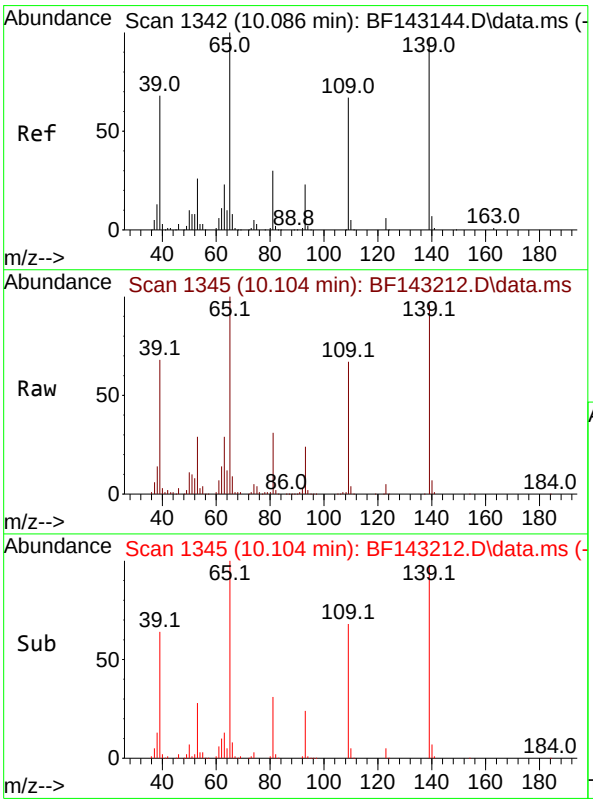

#55
Dibenzofuran
Concen: 41.458 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:168 Resp: 946920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.0 | 29.5 | 44.3 |
| 169 | 13.4 | 10.9 | 16.3 |

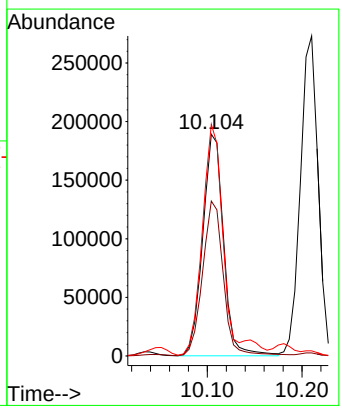


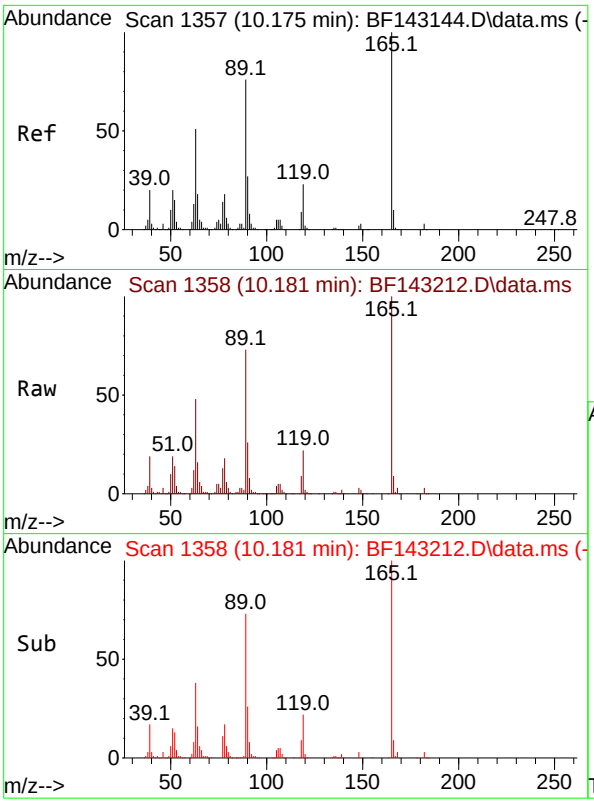




#56
4-Nitrophenol
Concen: 92.622 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:139 Resp: 288611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 69.8 | 48.5 | 88.5 |
| 65 | 104.5 | 83.4 | 123.4 |



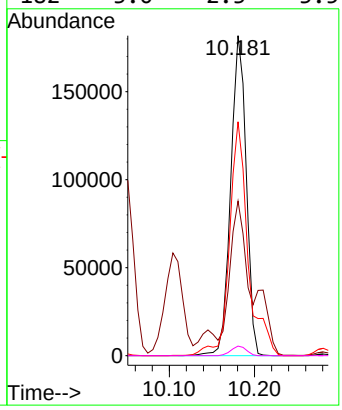


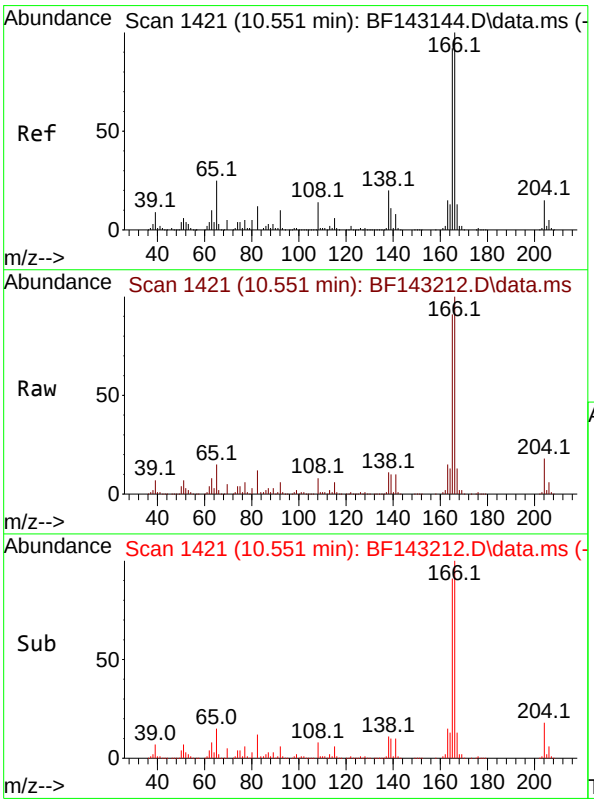

#57
2,4-Dinitrotoluene
Concen: 51.396 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:165 Resp: 230038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.3 | 41.0 | 61.4 |
| 89 | 73.1 | 61.1 | 91.7 |
| 182 | 3.0 | 2.3 | 3.5 |

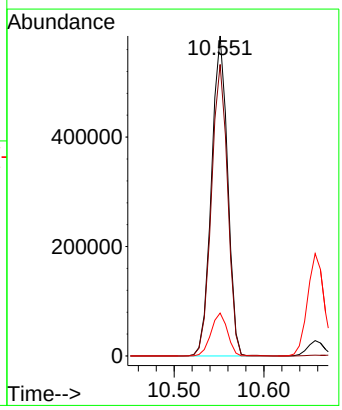


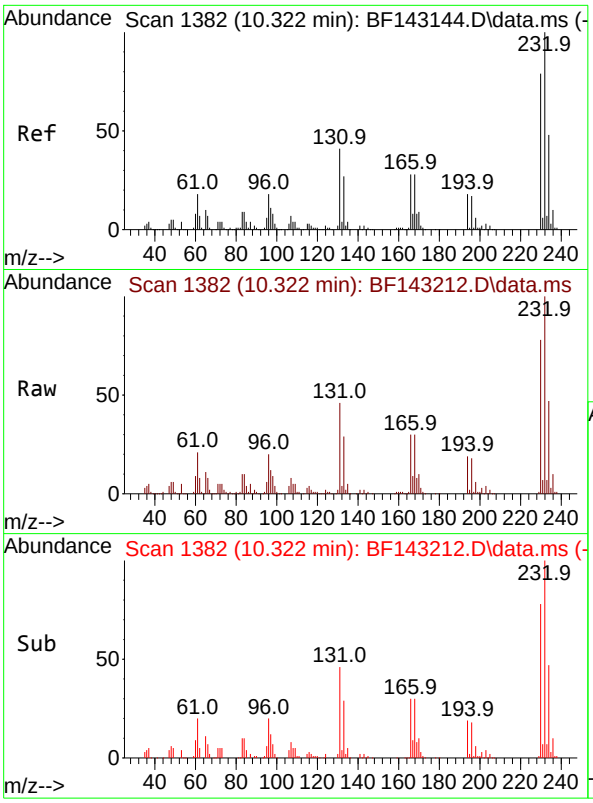




#58
Fluorene
Concen: 42.663 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:166 Resp: 731345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.1 | 73.7 | 110.5 |
| 167 | 13.4 | 10.6 | 16.0 |



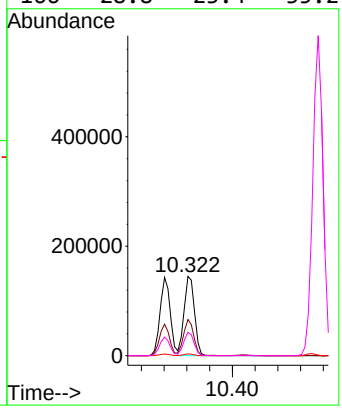


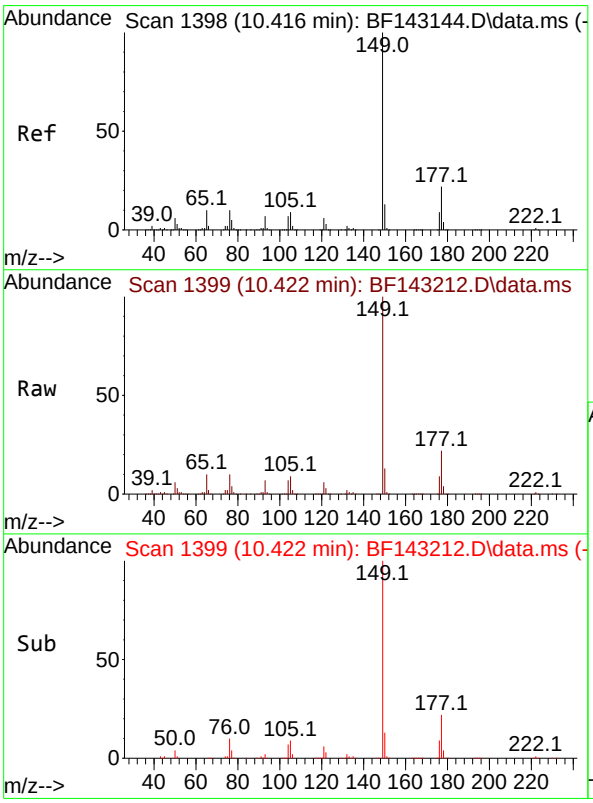

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.271 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:232 Resp: 183839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.8 | 35.3 | 52.9 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.8 | 23.4 | 35.2 |

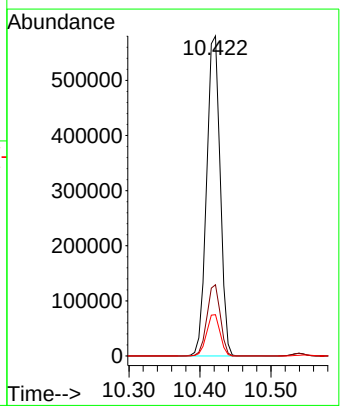


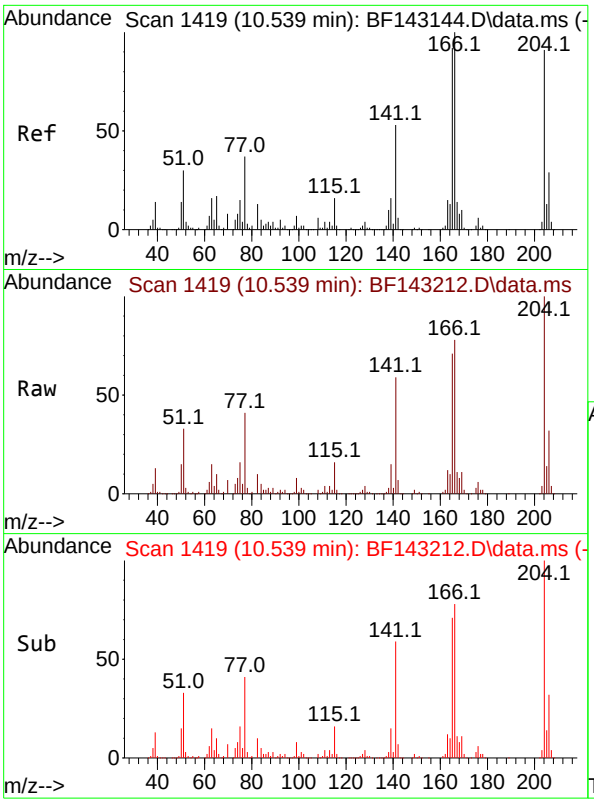




#60
Diethylphthalate
Concen: 44.467 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 770778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.5 | 26.3 |
| 150 | 12.9 | 10.2 | 15.2 |



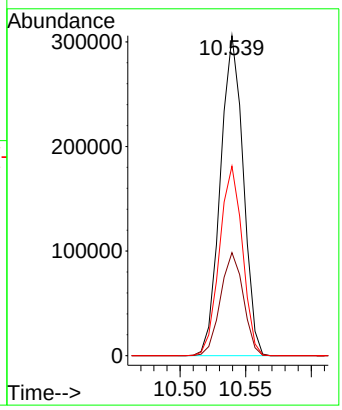


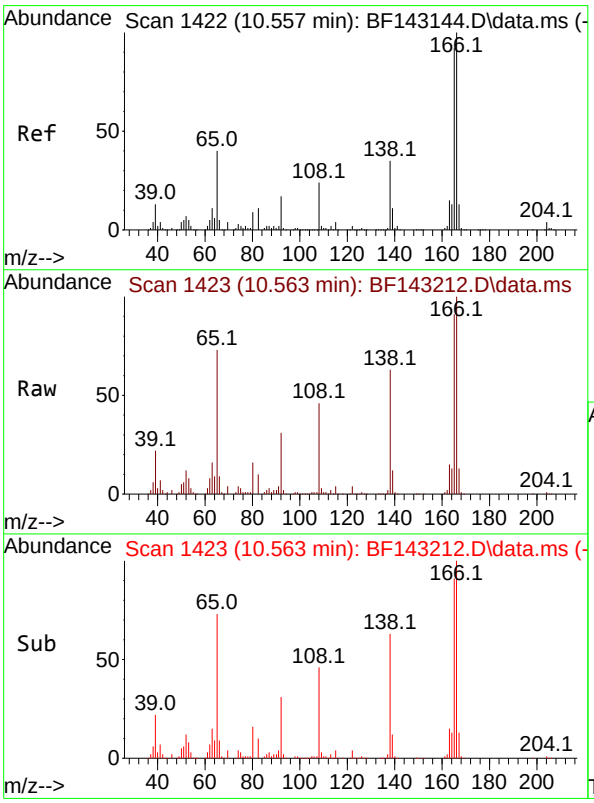

#61
4-Chlorophenyl-phenylether
Concen: 43.401 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:204 Resp: 370456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 25.8 | 38.8 |
| 141 | 59.2 | 47.0 | 70.4 |

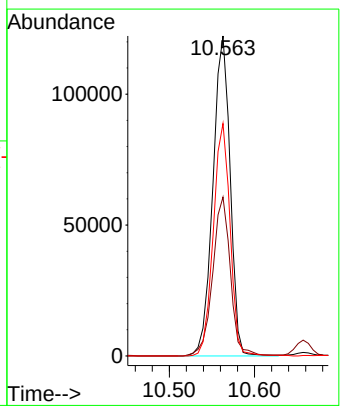


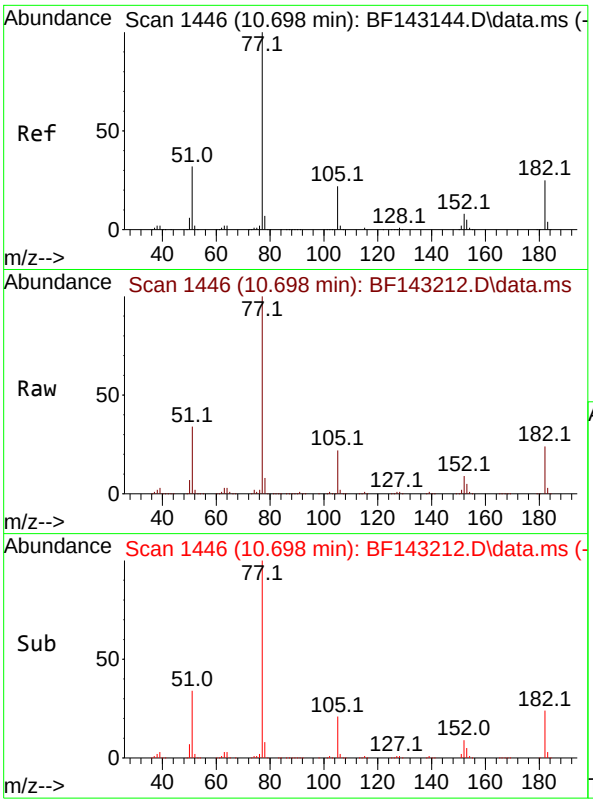




#62
4-Nitroaniline
Concen: 48.165 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:138 Resp: 172252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.6 | 29.3 | 69.3 |
| 108 | 72.6 | 48.3 | 88.3 |



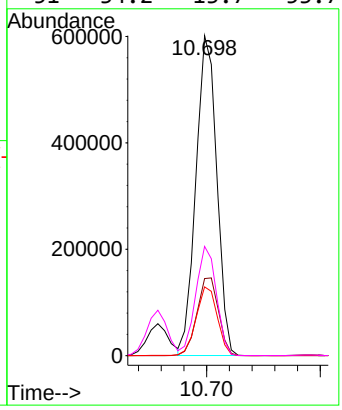


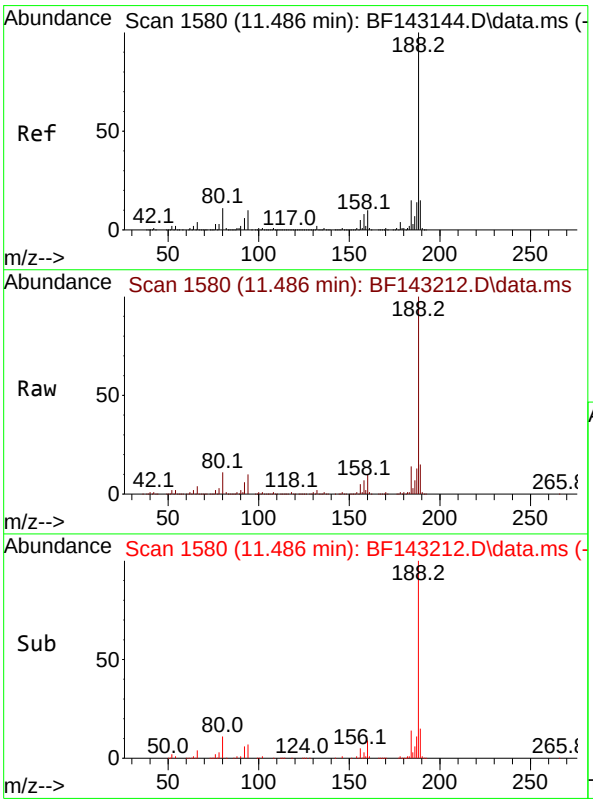

#63
Azobenzene
Concen: 42.462 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion: 77 Resp: 767093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 4.6 | 44.6 |
| 105 | 21.5 | 1.4 | 41.4 |
| 51 | 34.2 | 13.7 | 53.7 |

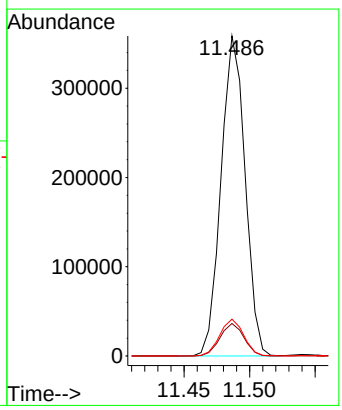


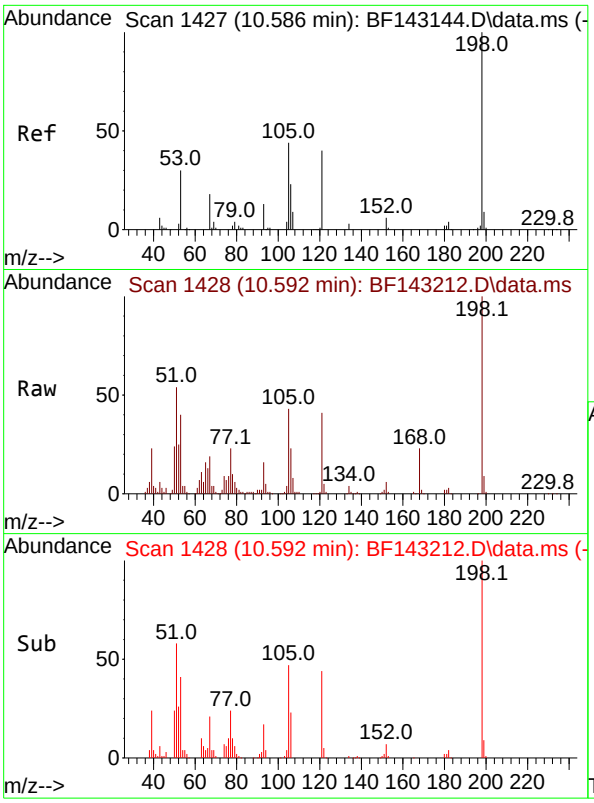




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:188 Resp: 457175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.3 | 12.5 |
| 80 | 11.5 | 9.0 | 13.6 |



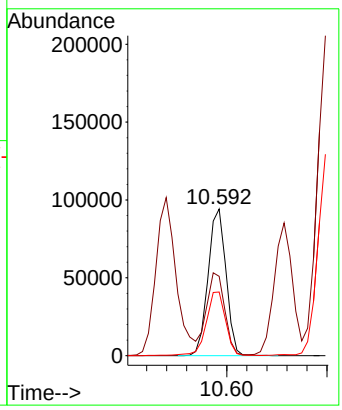


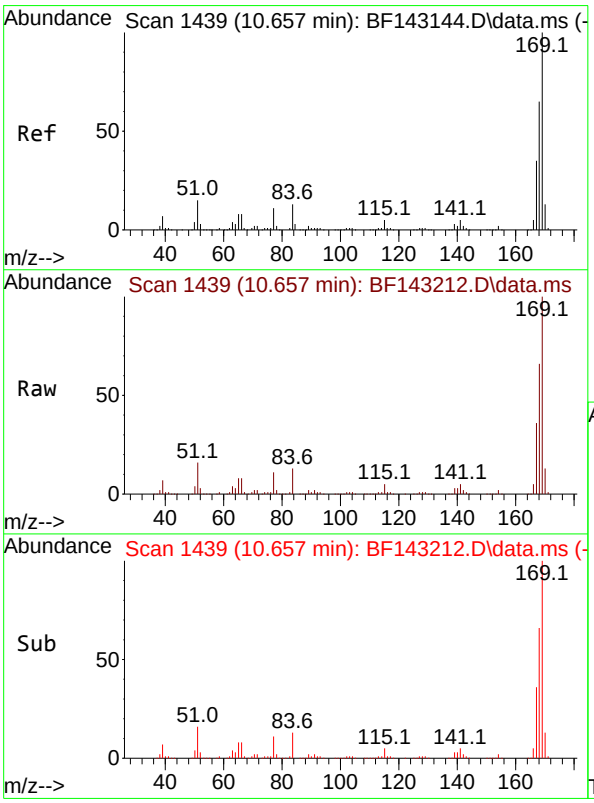

#65
4,6-Dinitro-2-methylphenol
Concen: 48.873 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:198 Resp: 117398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.1 | 37.2 | 77.2 |
| 105 | 43.4 | 24.8 | 64.8 |

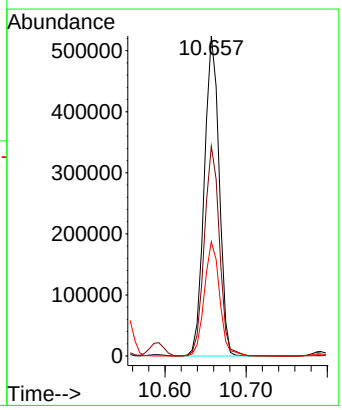


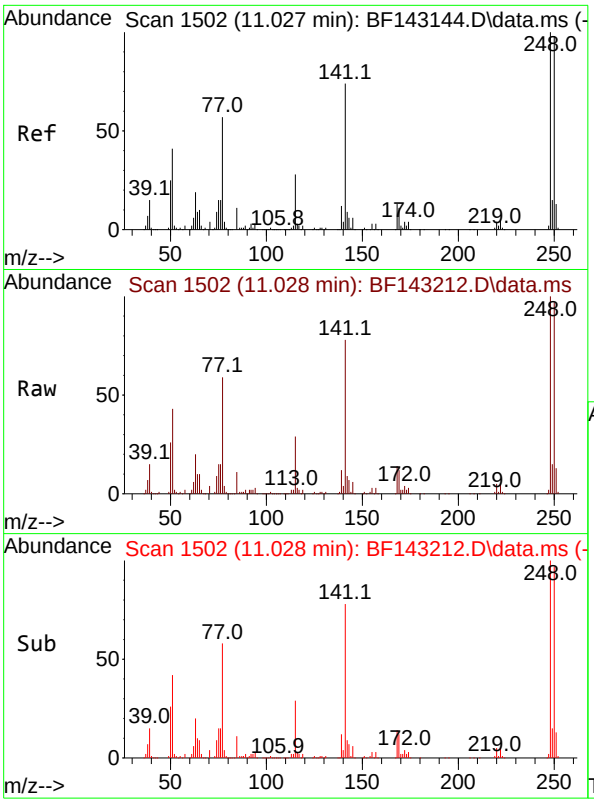




#66
n-Nitrosodiphenylamine
Concen: 41.243 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:169 Resp: 663950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 52.1 | 78.1 |
| 167 | 35.7 | 28.2 | 42.2 |



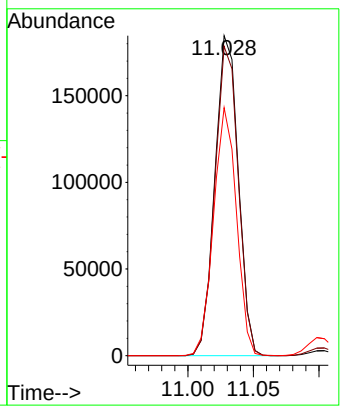


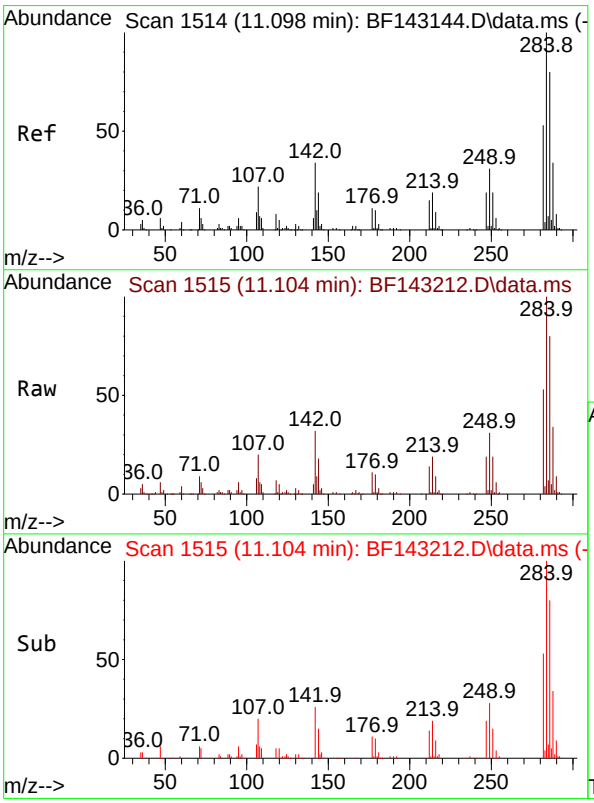

#67
4-Bromophenyl-phenylether
Concen: 42.093 ng
RT: 11.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:248 Resp: 229335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.7 | 78.3 | 117.5 |
| 141 | 77.5 | 59.2 | 88.8 |

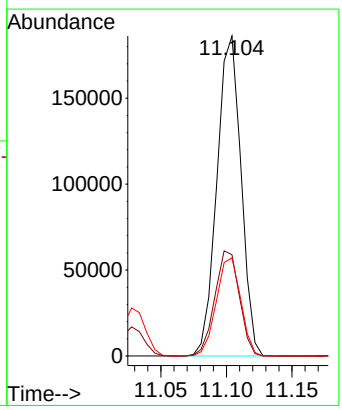


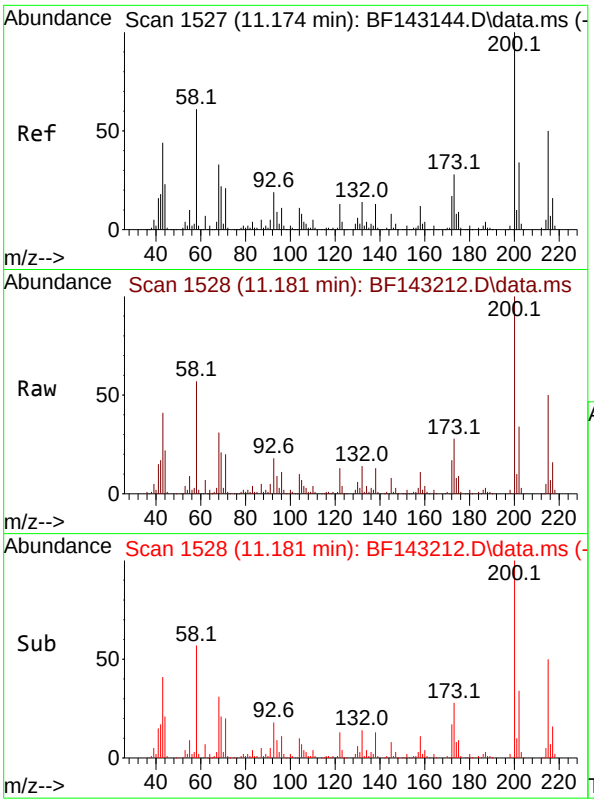




#68
Hexachlorobenzene
Concen: 41.755 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:284 Resp: 237782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.6 | 27.0 | 40.6 |
| 249 | 30.7 | 25.0 | 37.6 |



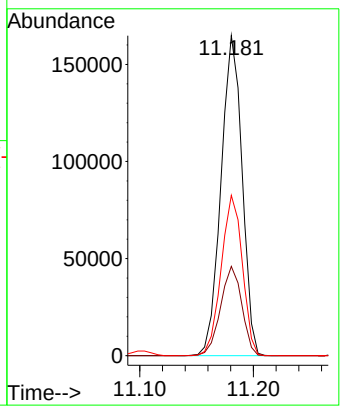


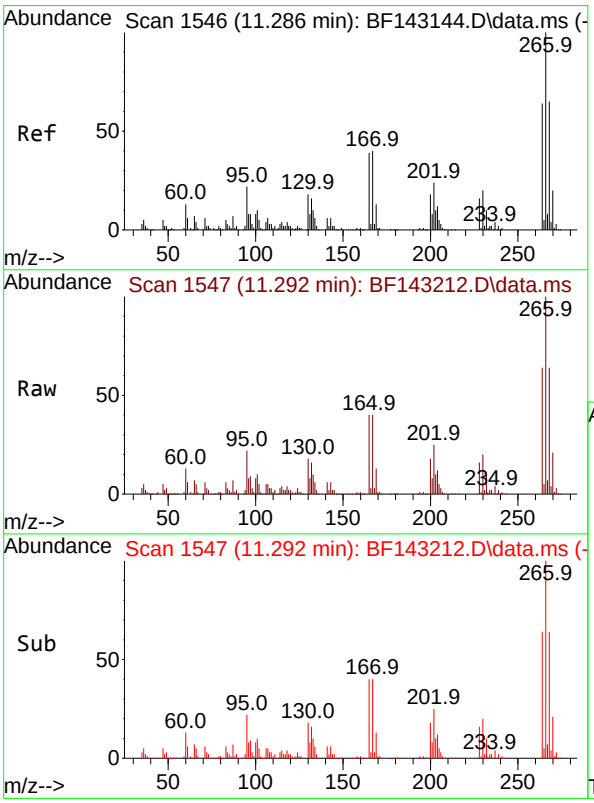

#69
Atrazine
Concen: 47.930 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:200 Resp: 212724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 7.9 | 47.9 |
| 215 | 50.1 | 30.1 | 70.1 |

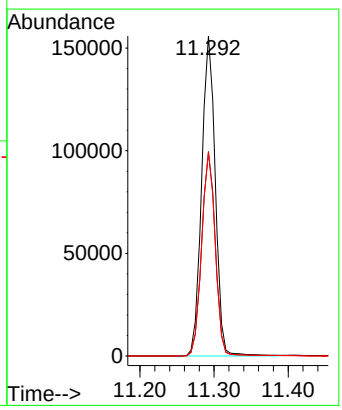


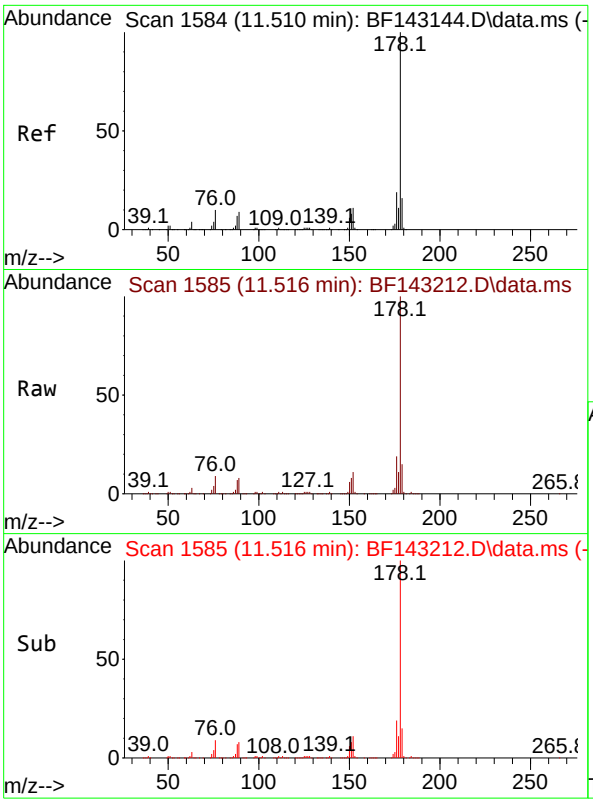




#70
Pentachlorophenol
Concen: 59.697 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:266 Resp: 199919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.9 | 77.9 |
| 264 | 63.5 | 51.0 | 76.6 |



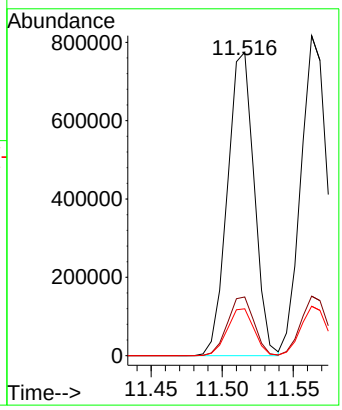


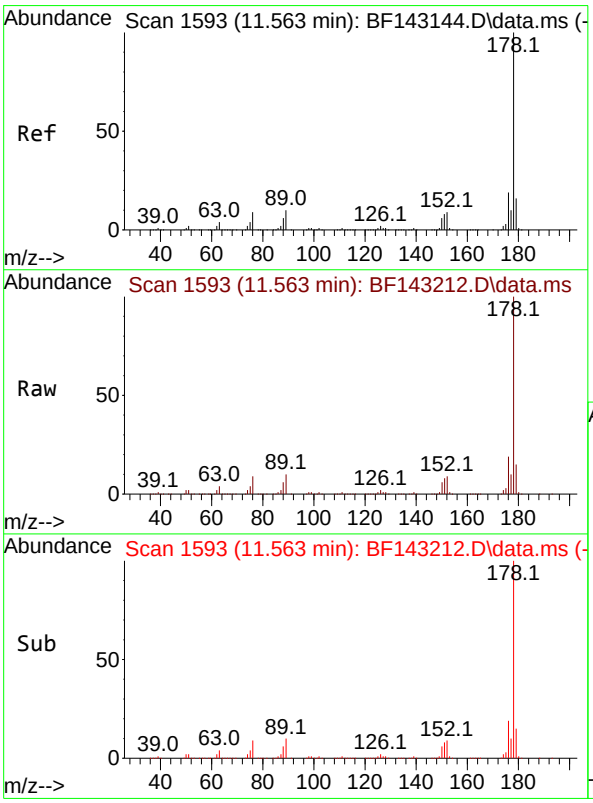

#71
Phenanthrene
Concen: 41.750 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:178 Resp: 1013473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.3 | 22.9 |
| 179 | 15.4 | 12.5 | 18.7 |

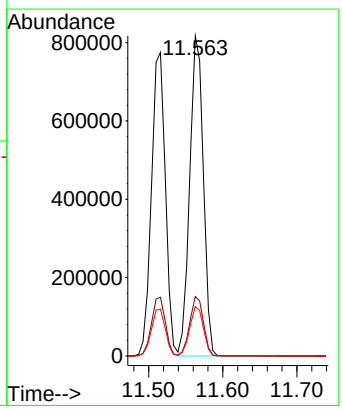


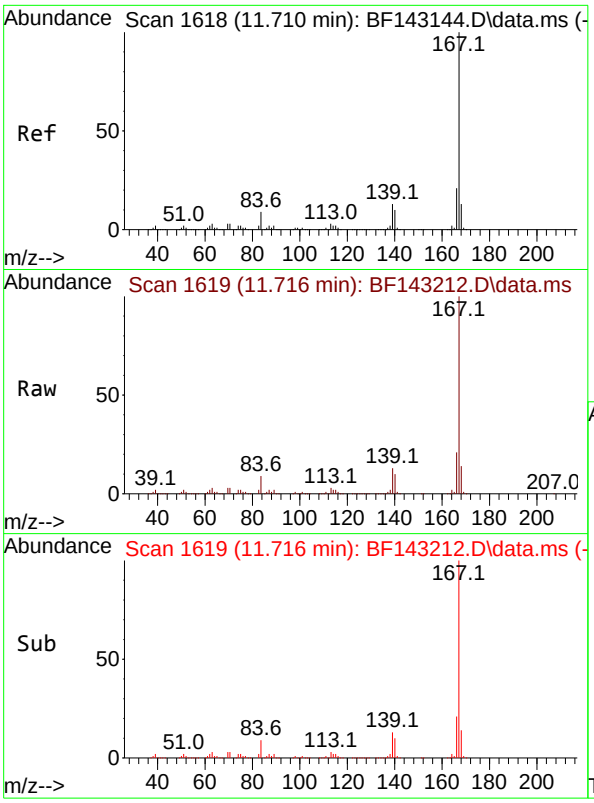




#72
Anthracene
Concen: 42.127 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:178 Resp: 1042962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.5 | 12.5 | 18.7 |



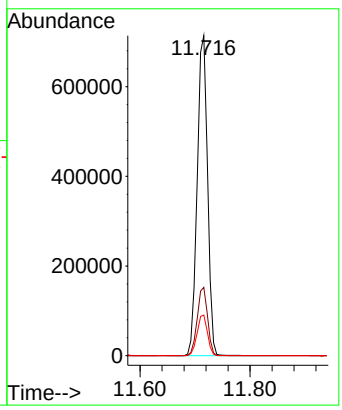


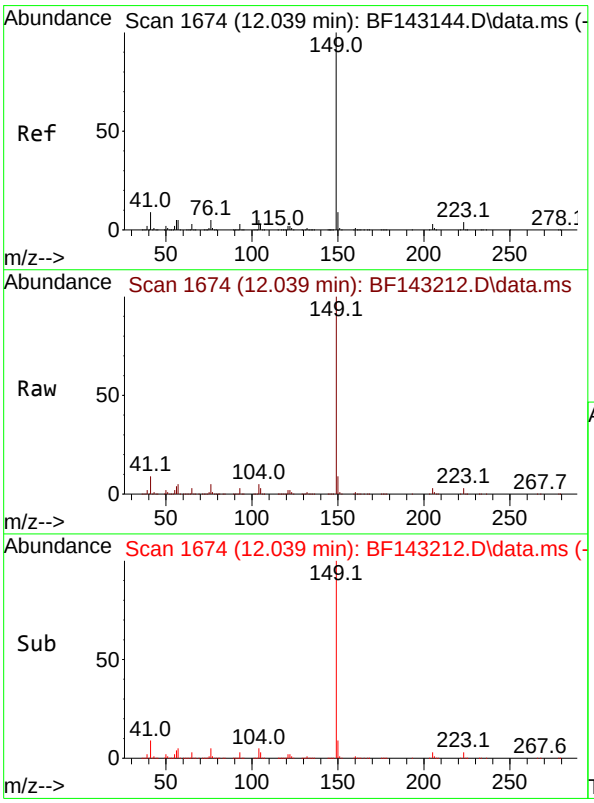

#73
Carbazole
Concen: 43.331 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:167 Resp: 936735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.0 | 25.6 |
| 139 | 12.7 | 10.0 | 15.0 |

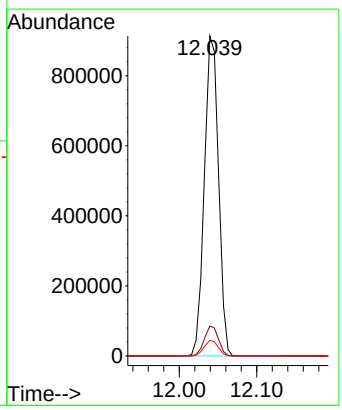


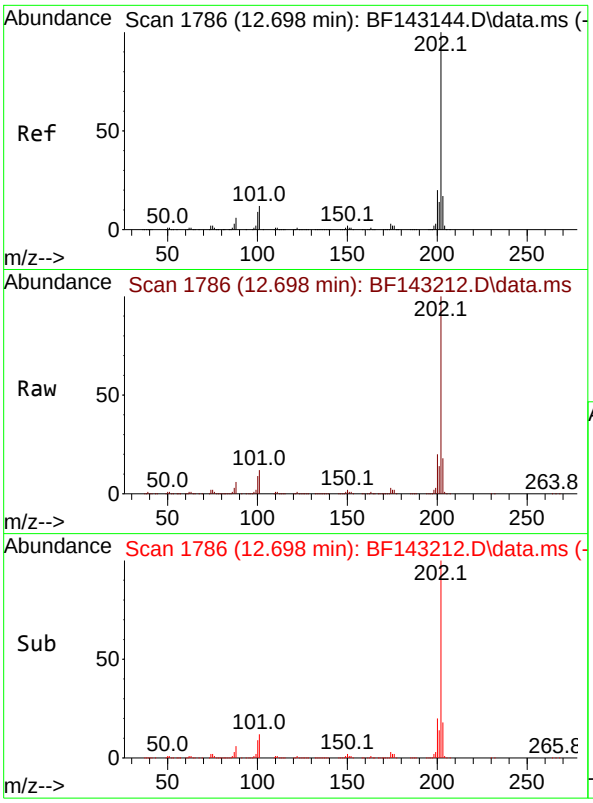




#74
Di-n-butylphthalate
Concen: 47.353 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 1158302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.2 |
| 104 | 4.9 | 3.8 | 5.8 |



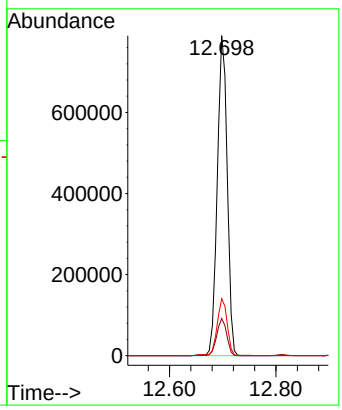


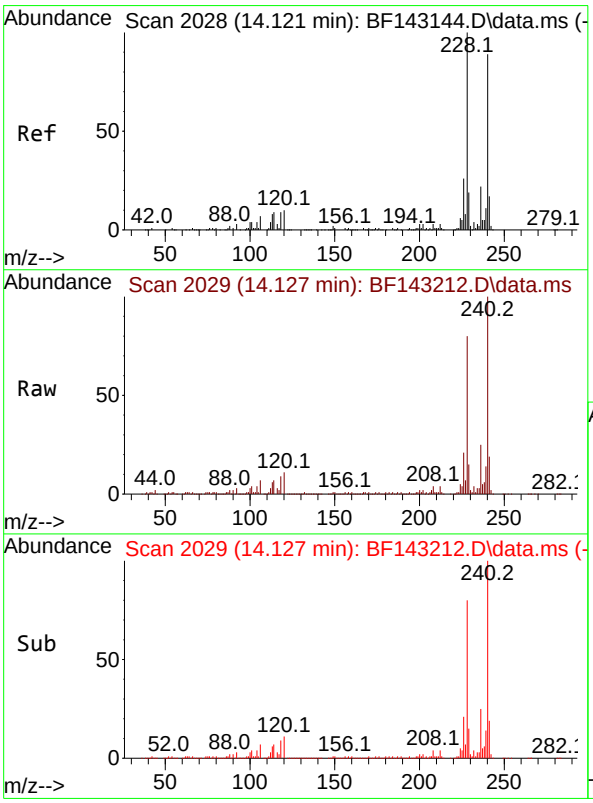

#75
Fluoranthene
Concen: 45.851 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:202 Resp: 1021601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.7 |
| 203 | 17.8 | 0.0 | 37.4 |

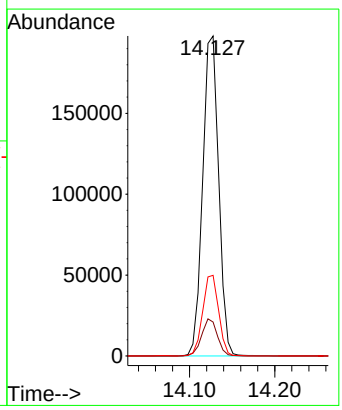


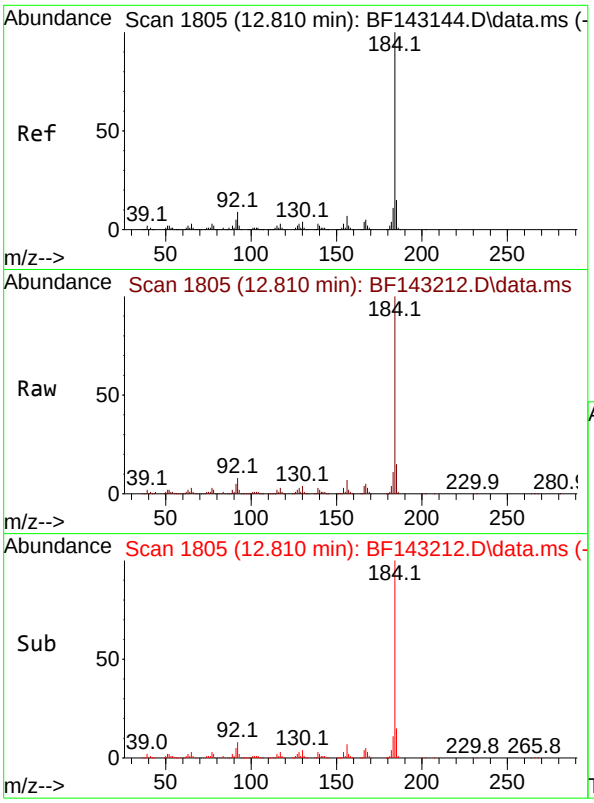




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:240 Resp: 257414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 9.4 | 14.2 |
| 236 | 25.2 | 20.2 | 30.4 |



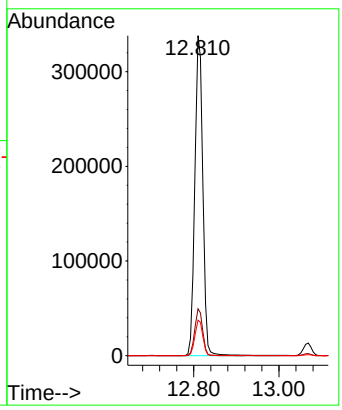


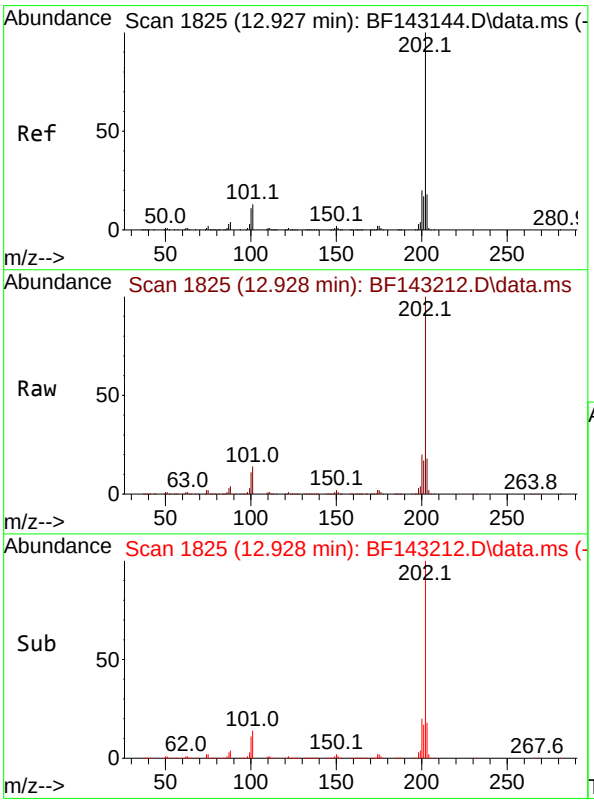

#77
Benzidine
Concen: 44.288 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:184 Resp: 439225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.2 | 18.4 |
| 183 | 11.1 | 9.0 | 13.4 |

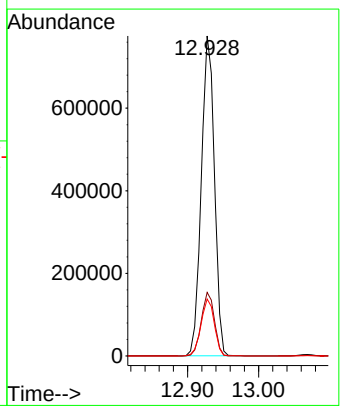


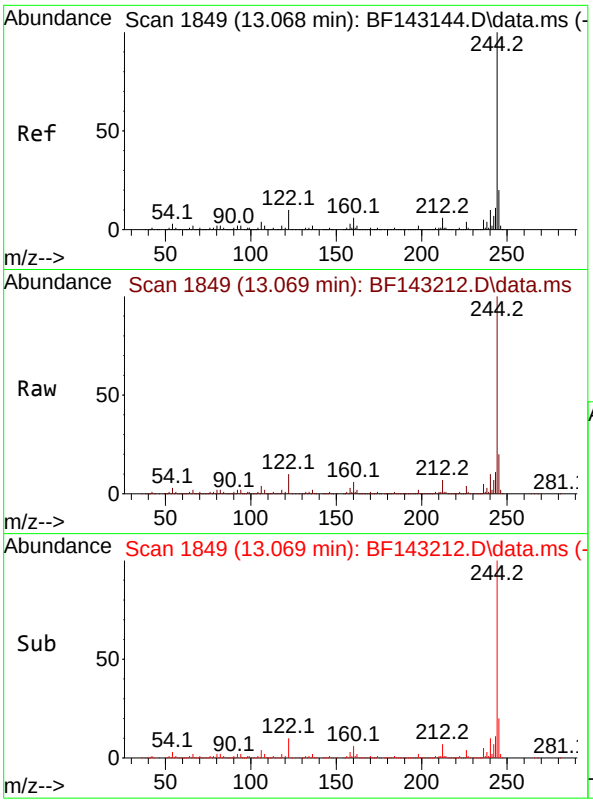




#78
Pyrene
Concen: 45.405 ng
RT: 12.928 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:202 Resp: 997507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 17.8 | 14.2 | 21.2 |



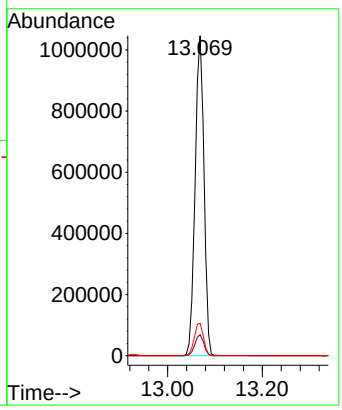


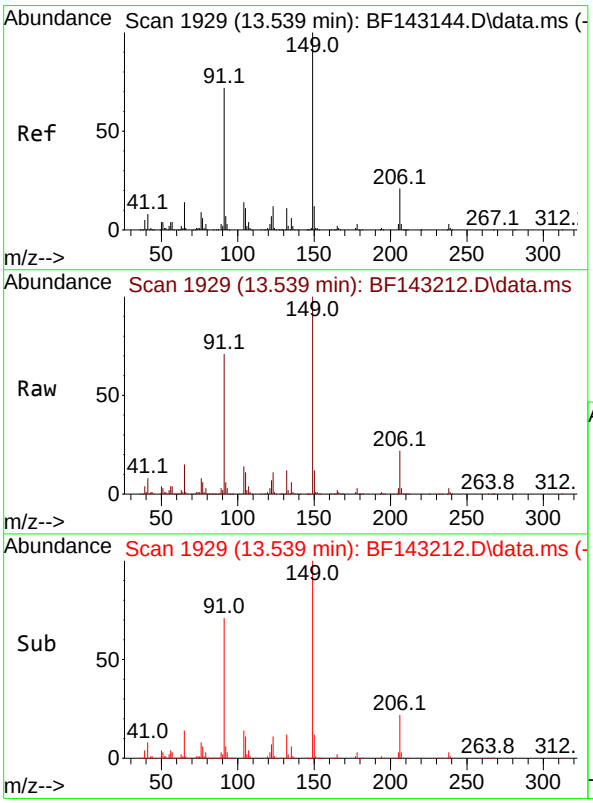

#79
Terphenyl-d14
Concen: 78.664 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:244 Resp: 1360738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.2 | 7.8 |
| 122 | 10.2 | 8.2 | 12.2 |

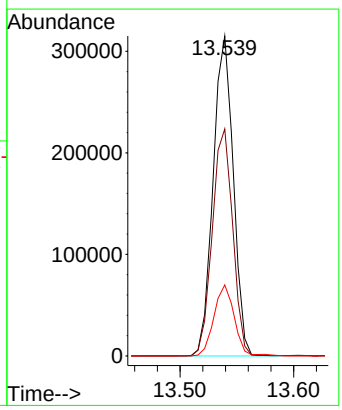


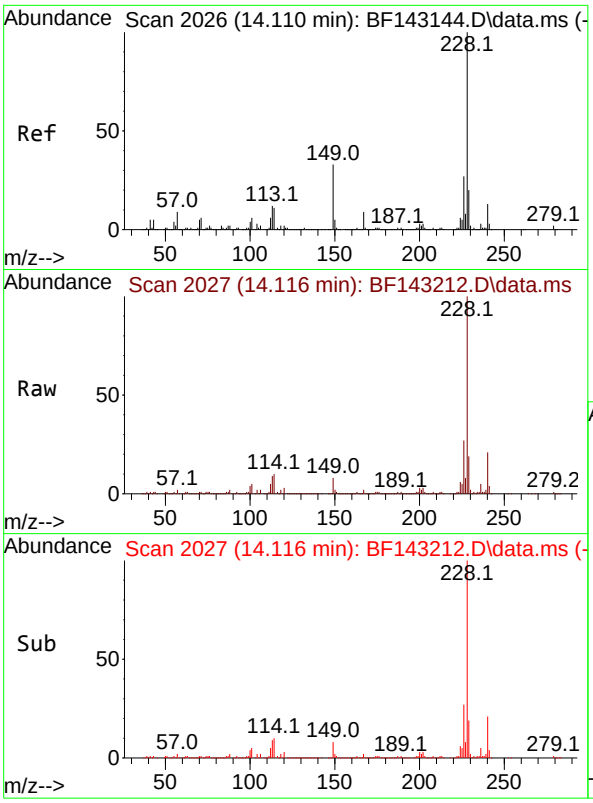




#80
Butylbenzylphthalate
Concen: 57.747 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 388473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.0 | 57.9 | 86.9 |
| 206 | 22.2 | 17.0 | 25.4 |



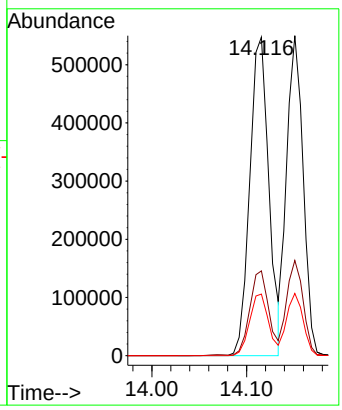


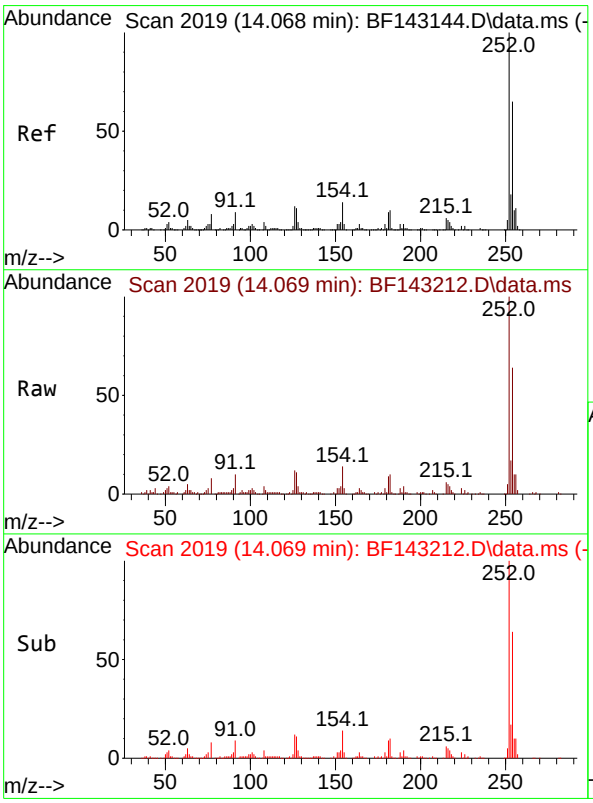

#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:228 Resp: 768789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.7 | 32.5 |
| 229 | 19.4 | 15.8 | 23.6 |

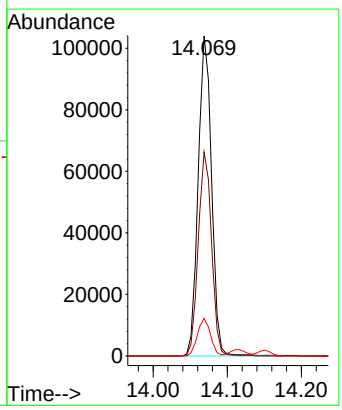


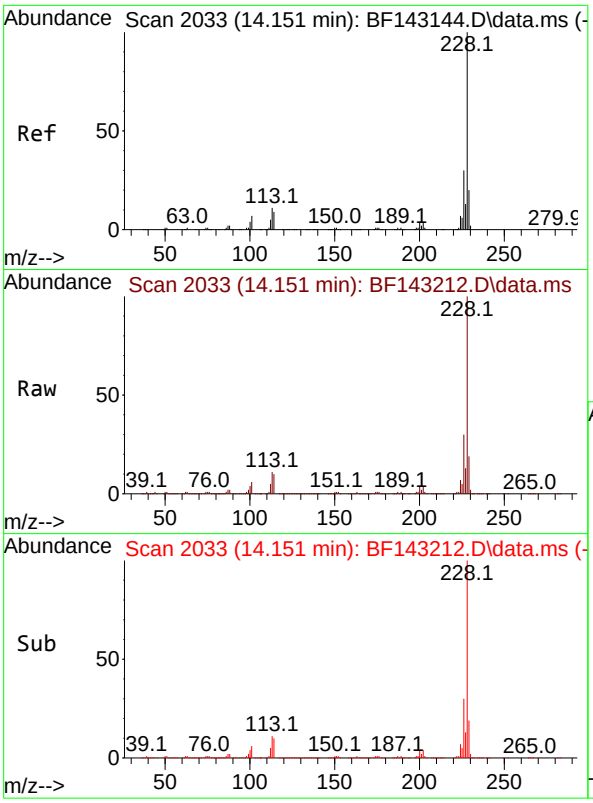




#82
3,3'-Dichlorobenzidine
Concen: 22.706 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 130418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.7 | 51.7 | 77.5 |
| 126 | 11.7 | 9.4 | 14.0 |



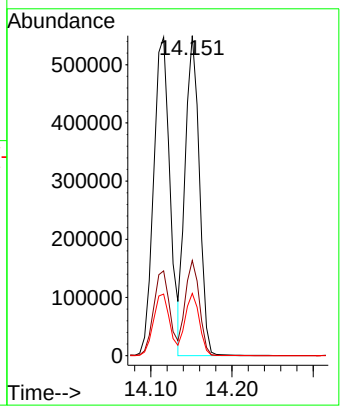


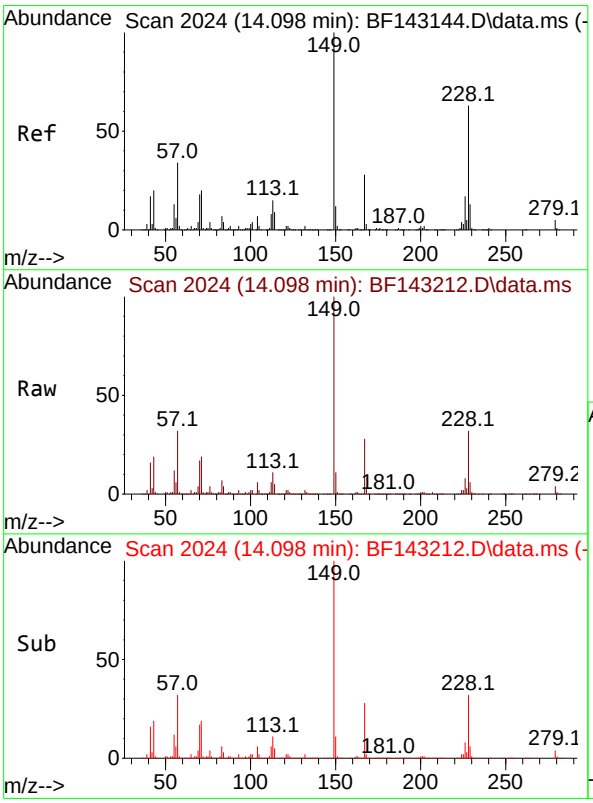

#83
Chrysene
Concen: 43.047 ng
RT: 14.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:228 Resp: 667015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.8 | 35.8 |
| 229 | 19.5 | 15.6 | 23.4 |

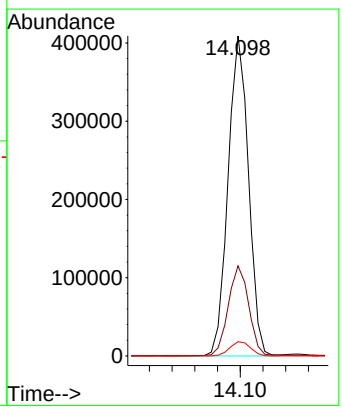


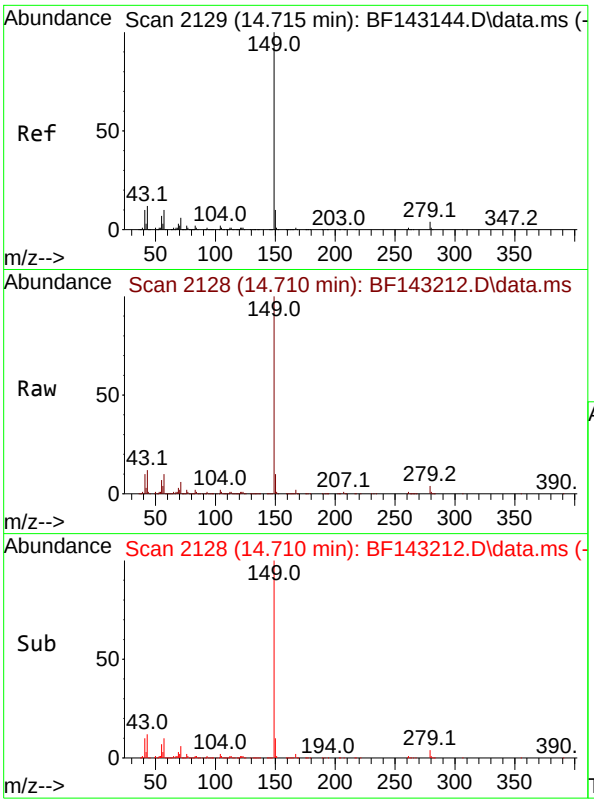




#84
Bis(2-ethylhexyl)phthalate
Concen: 50.052 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:149 Resp: 509639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.3 | 33.5 |
| 279 | 4.5 | 3.6 | 5.4 |



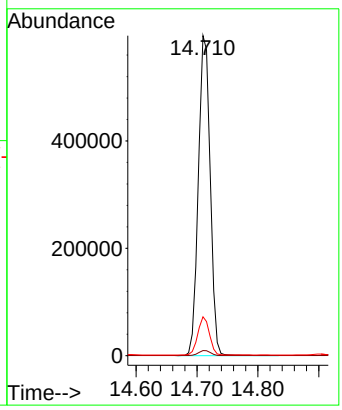


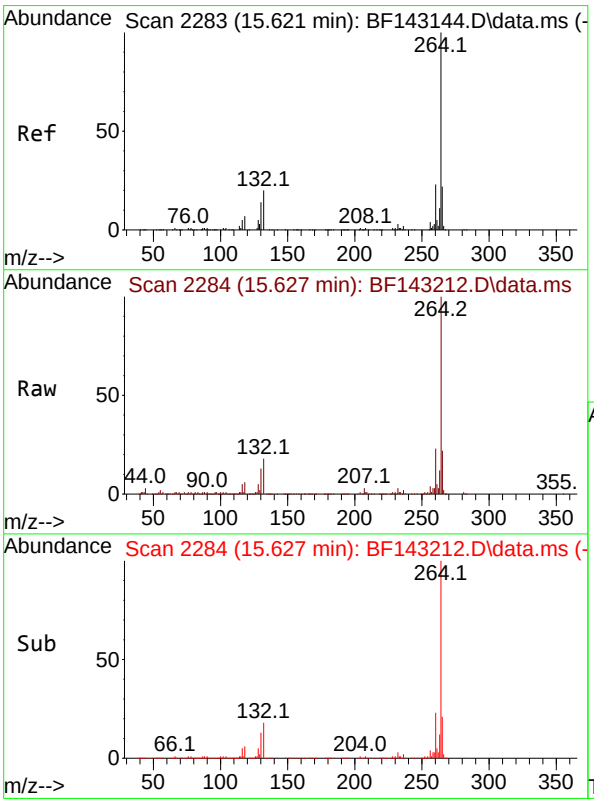

#85
Di-n-octyl phthalate
Concen: 43.453 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:149 Resp: 801994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 11.8 | 9.7 | 14.5 |

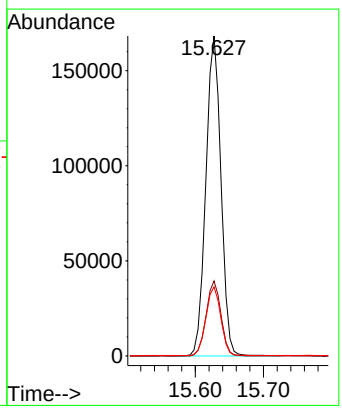


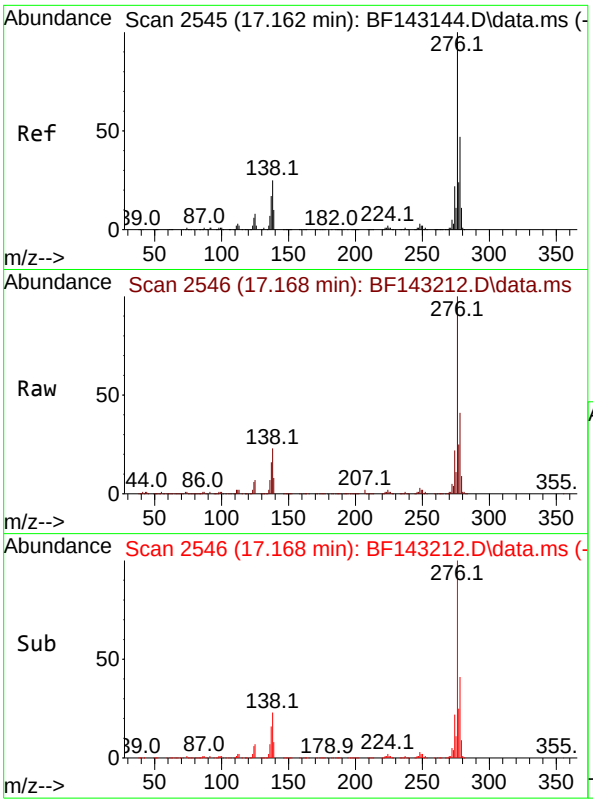




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:264 Resp: 259291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.5 | 27.7 |
| 265 | 21.6 | 17.4 | 26.2 |



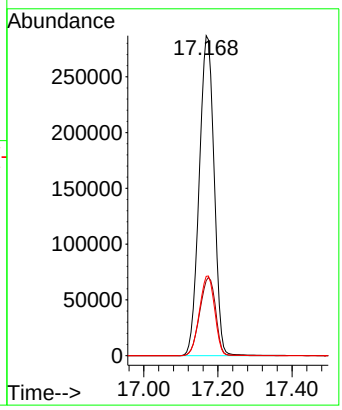


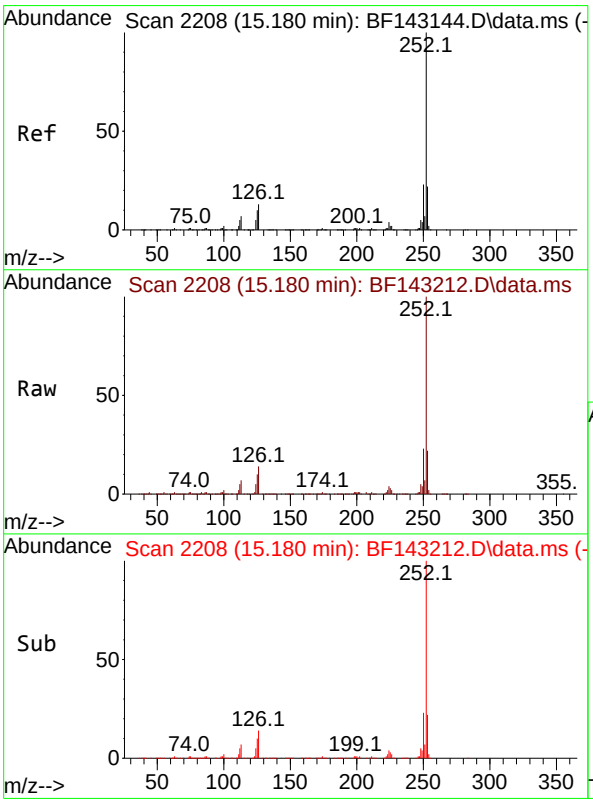

#87
Indeno(1,2,3-cd)pyrene
Concen: 43.816 ng
RT: 17.168 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:276 Resp: 801110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.9 | 21.8 | 32.6 |
| 277 | 25.5 | 20.0 | 30.0 |

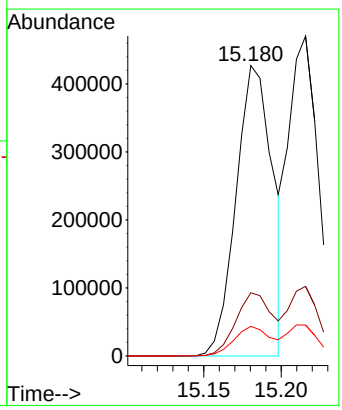


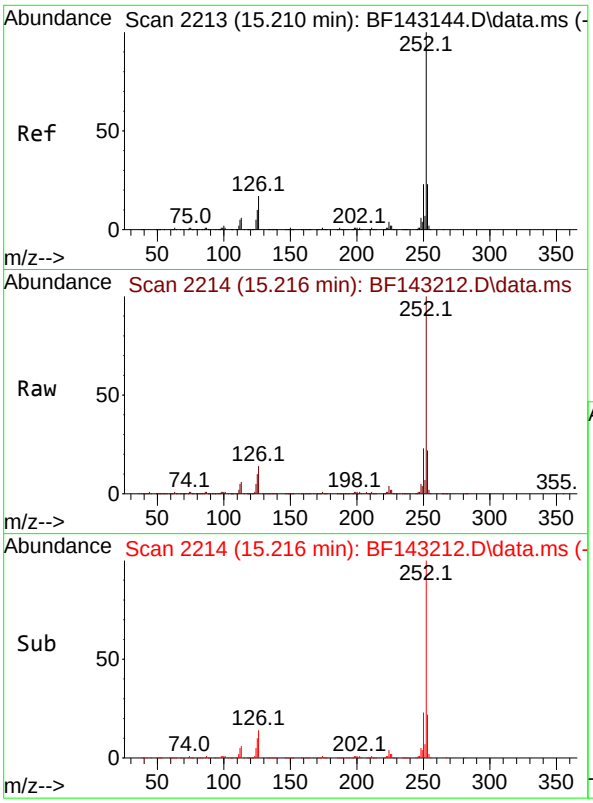




#88
Benzo(b)fluoranthene
Concen: 44.186 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 699919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.2 | 8.0 | 12.0 |



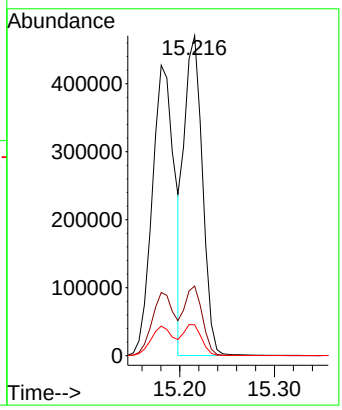


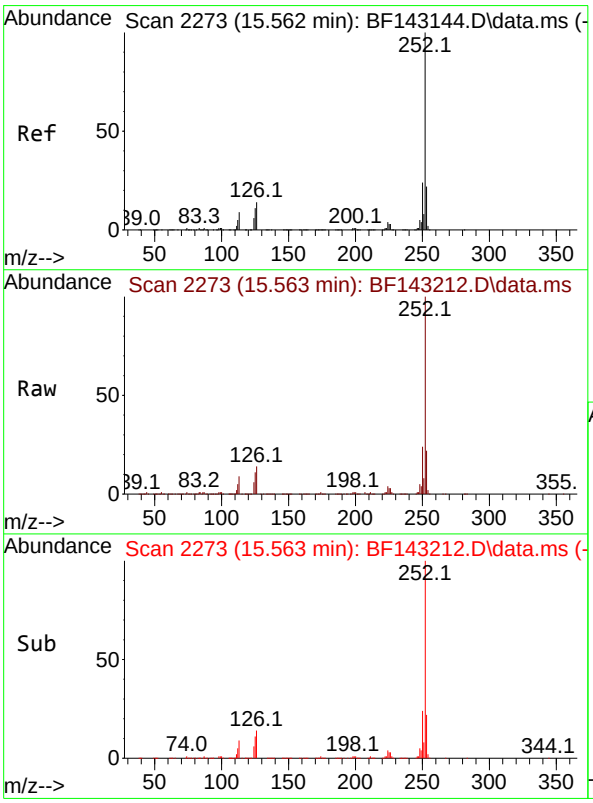

#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 15.216 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:252 Resp: 629517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 9.7 | 8.1 | 12.1 |

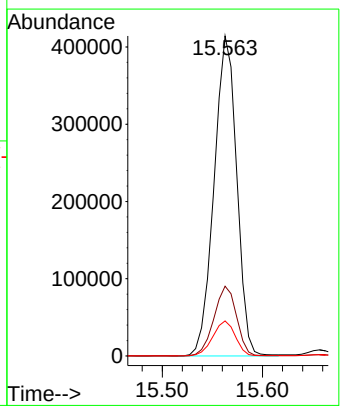


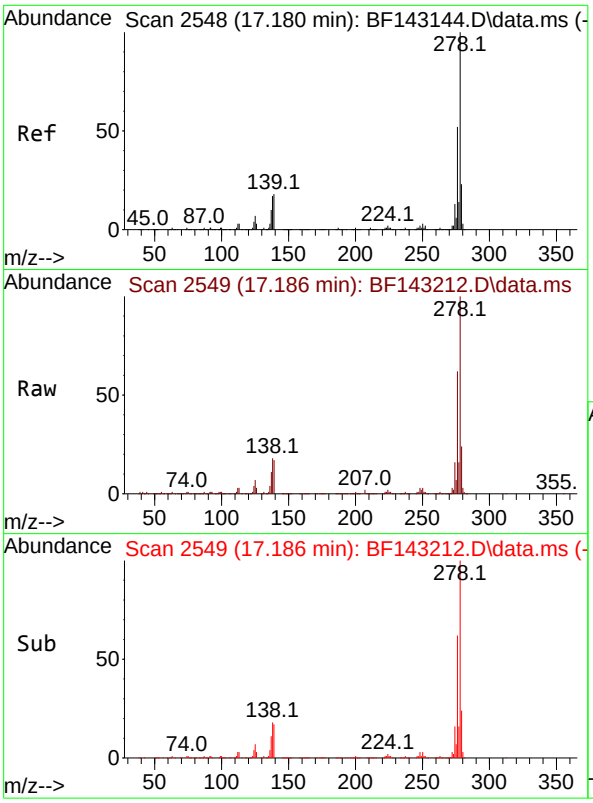




#90
Benzo(a)pyrene
Concen: 44.555 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:252 Resp: 650257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 10.9 | 8.6 | 13.0 |



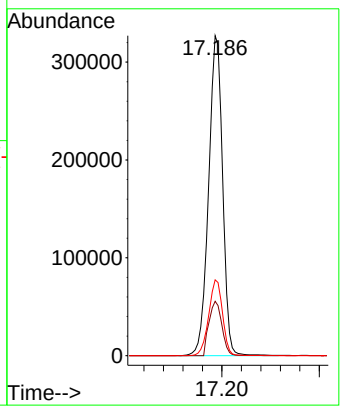


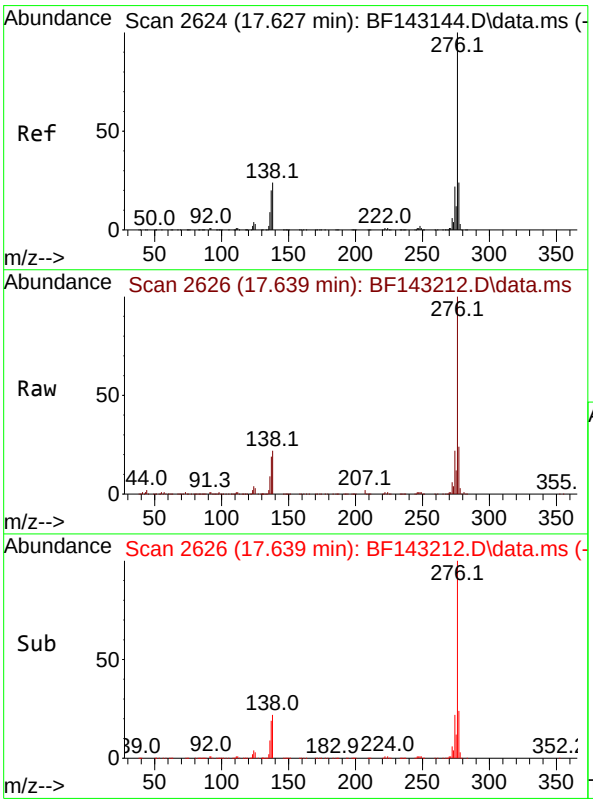

#91
Dibenzo(a,h)anthracene
Concen: 43.731 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB168929BS

Tgt Ion:278 Resp: 650784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.0 | 14.1 | 21.1 |
| 279 | 23.7 | 18.6 | 28.0 |

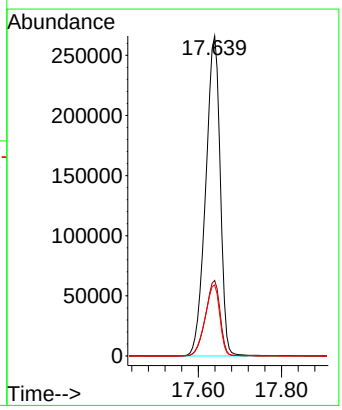



#92
Benzo(g,h,i)perylene
Concen: 44.808 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143212.D
Acq: 23 Jul 2025 15:31

Tgt Ion:276 Resp: 645025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.1 | 28.7 |
| 138 | 22.2 | 18.9 | 28.3 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 501148 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 1993468 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1309068 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.901 | 188 | 2636351 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2873366 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.454 | 264 | 3311045 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 306866 | 10.229 | ng | | 0.00 |
| 7) Phenol-d6 | 6.631 | 99 | 369676 | 9.982 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 366442 | 10.078 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 194693 | 10.002 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 1057796 | 10.698 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 1736355 | 11.285 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 58261 | 5.168 | ng | | 98 |
| 3) Pyridine | 3.502 | 79 | 152389 | 5.103 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 57522 | 4.881 | ng | # | 95 |
| 6) Aniline | 6.778 | 93 | 240191 | 4.987 | ng | | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 168204 | 4.983 | ng | | 100 |
| 9) Benzaldehyde | 6.590 | 77 | 126790 | 4.791 | ng | | 96 |
| 10) Phenol | 6.655 | 94 | 191463 | 4.997 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 147992 | 5.030 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 195840 | 5.114 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 197217 | 5.103 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 192220 | 5.177 | ng | | 99 |
| 15) Benzyl Alcohol | 7.666 | 79 | 126655 | 4.771 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 190207 | 5.040 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 130912 | 4.939 | ng | | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 66324 | 5.026 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.225 | 70 | 113871 | 5.102 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 180538 | 4.987 | ng | | 99 |
| 22) Acetophenone | 8.237 | 105 | 238513 | 5.052 | ng | | 99 |
| 24) Nitrobenzene | 8.602 | 77 | 160535 | 4.982 | ng | | 97 |
| 25) Isophorone | 9.125 | 82 | 323606 | 5.082 | ng | | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 86302 | 4.758 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 152482 | 4.939 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 203537 | 5.091 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 156480 | 4.941 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.043 | 180 | 178685 | 5.128 | ng | | 99 |
| 31) Naphthalene | 10.219 | 128 | 537289 | 5.175 | ng | | 100 |
| 32) Benzoic acid | 9.449 | 122 | 83493 | 3.703 | ng | | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 227222 | 5.041 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 106389 | 5.084 | ng | | 99 |
| 35) Caprolactam | 11.102 | 113 | 52301 | 5.018 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.478 | 107 | 156207 | 4.939 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 342320 | 5.098 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 365319 | 5.158 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 199889 | 5.042 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 80837 | 3.596 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 127876 | 4.774 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 143015 | 4.844 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.896 | 154 | 498351 | 5.148 | ng | | 98 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 384841 | 5.132 | ng | | 99 |
| 48) 2-Nitroaniline | 13.137 | 65 | 87405 | 4.646 | ng | | 99 |
| 49) Acenaphthylene | 13.790 | 152 | 618618 | 5.030 | ng | | 100 |
| 50) Dimethylphthalate | 13.543 | 163 | 495773 | 5.191 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.648 | 165 | 95645 | 4.731 | ng | | 91 |
| 52) Acenaphthene | 14.148 | 154 | 362769 | 5.121 | ng | | 100 |
| 53) 3-Nitroaniline | 13.984 | 138 | 107353 | 4.706 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.195 | 184 | 36007 | 3.178 | ng | | 95 |
| 55) Dibenzofuran | 14.490 | 168 | 599358 | 5.225 | ng | | 98 |
| 56) 4-Nitrophenol | 14.325 | 139 | 89182 | 4.587 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.448 | 165 | 129201 | 4.587 | ng | | 97 |
| 58) Fluorene | 15.154 | 166 | 480256 | 5.250 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 129817 | 4.967 | ng | | 99 |
| 60) Diethylphthalate | 14.948 | 149 | 487535 | 5.166 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 242941 | 5.269 | ng | | 99 |
| 62) 4-Nitroaniline | 15.160 | 138 | 109472 | 4.709 | ng | | 98 |
| 63) Azobenzene | 15.460 | 77 | 379326 | 5.004 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 57466 | 3.482 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.384 | 169 | 419927 | 5.115 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.084 | 248 | 154137 | 4.959 | ng | | 100 |
| 68) Hexachlorobenzene | 16.189 | 284 | 186075 | 5.013 | ng | | 96 |
| 69) Atrazine | 16.366 | 200 | 146525 | 4.896 | ng | | 98 |
| 70) Pentachlorophenol | 16.548 | 266 | 111990 | 4.533 | ng | | 99 |
| 71) Phenanthrene | 16.936 | 178 | 763302 | 5.196 | ng | | 99 |
| 72) Anthracene | 17.031 | 178 | 751628 | 5.040 | ng | | 99 |
| 73) Carbazole | 17.313 | 167 | 721457 | 5.085 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 832835 | 5.006 | ng | | 99 |
| 75) Fluoranthene | 19.048 | 202 | 889535 | 5.122 | ng | | 99 |
| 77) Benzidine | 19.248 | 184 | 484809 | 4.417 | ng | | 99 |
| 78) Pyrene | 19.425 | 202 | 945415 | 5.177 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 400726 | 4.973 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.319 | 228 | 961933 | 5.147 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.242 | 252 | 379737 | 4.955 | ng | | 98 |
| 83) Chrysene | 21.377 | 228 | 900450 | 5.166 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 594951 | 5.064 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.507 | 149 | 997628 | 4.872 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.971 | 276 | 1051142 | 4.319 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.466 | 252 | 993434 | 5.145 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.536 | 252 | 985473 | 5.140 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.307 | 252 | 947324 | 5.054 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.042 | 278 | 1006331 | 5.042 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.036 | 276 | 1002521 | 5.127 | ng | | 99 |

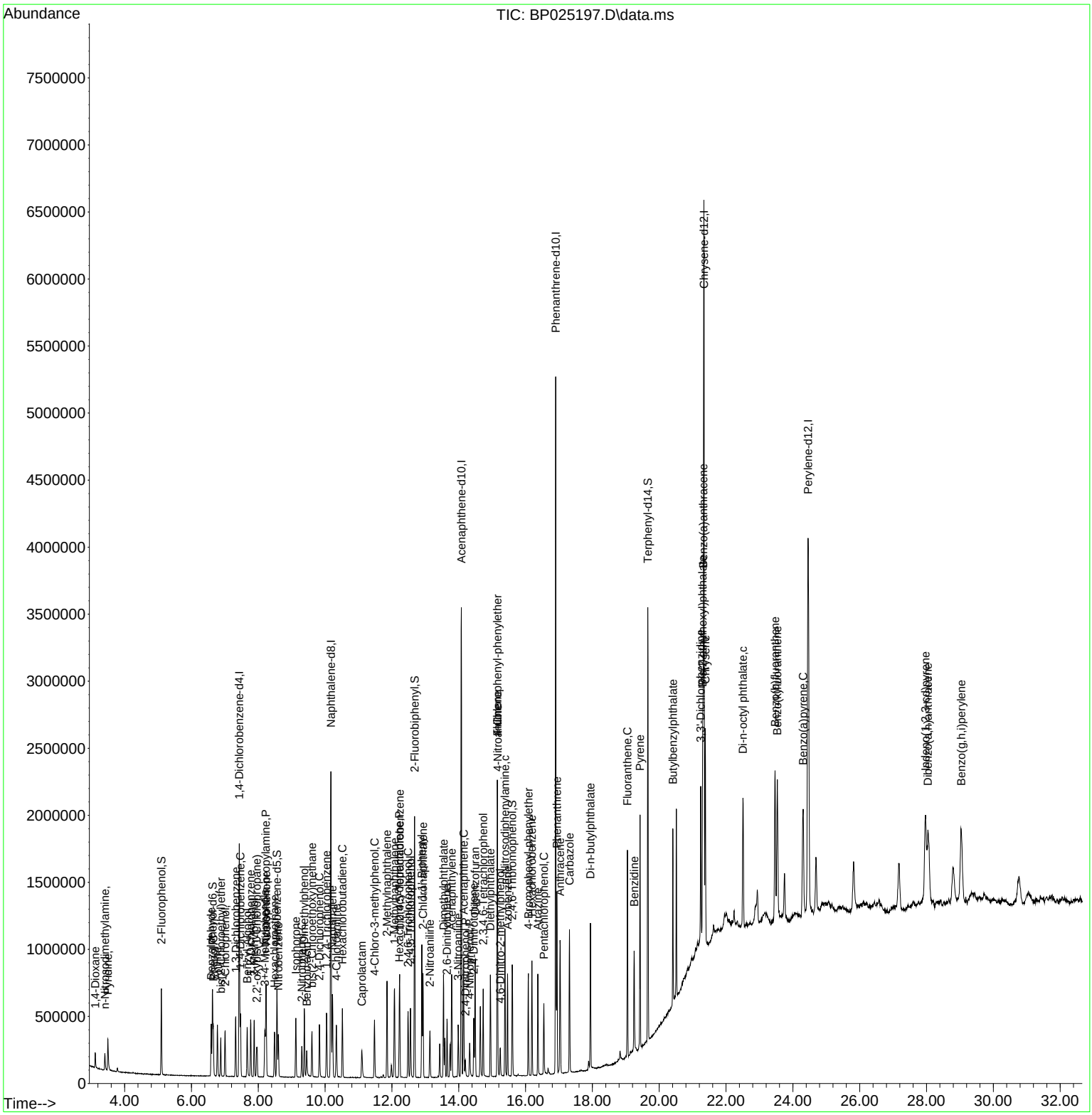
(#) = qualifier out of range (m) = manual integration (+) = signals summed

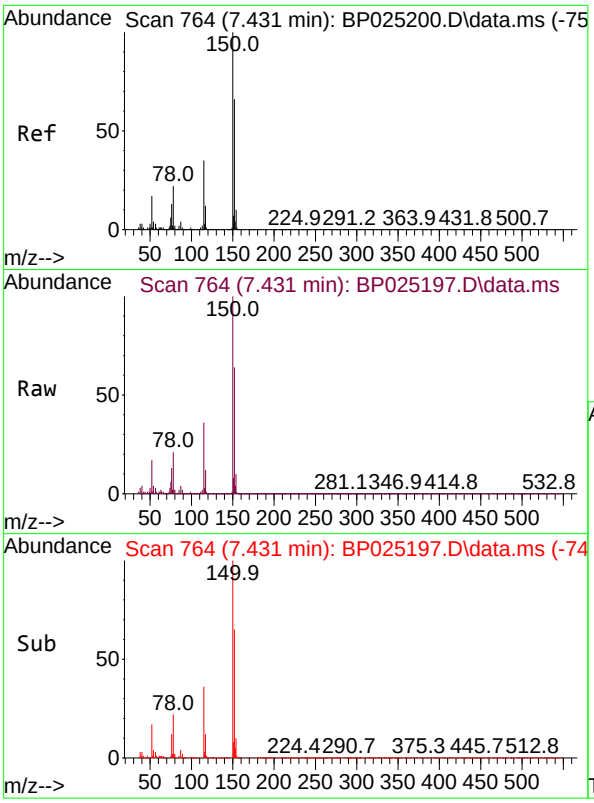
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025197.D
Acq On : 21 Jul 2025 15:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Jul 22 02:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



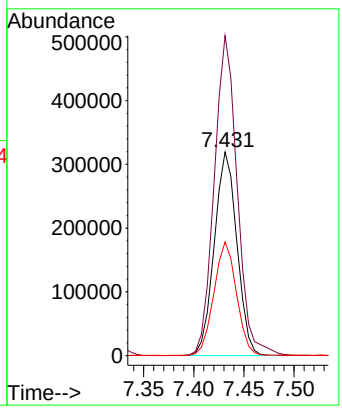


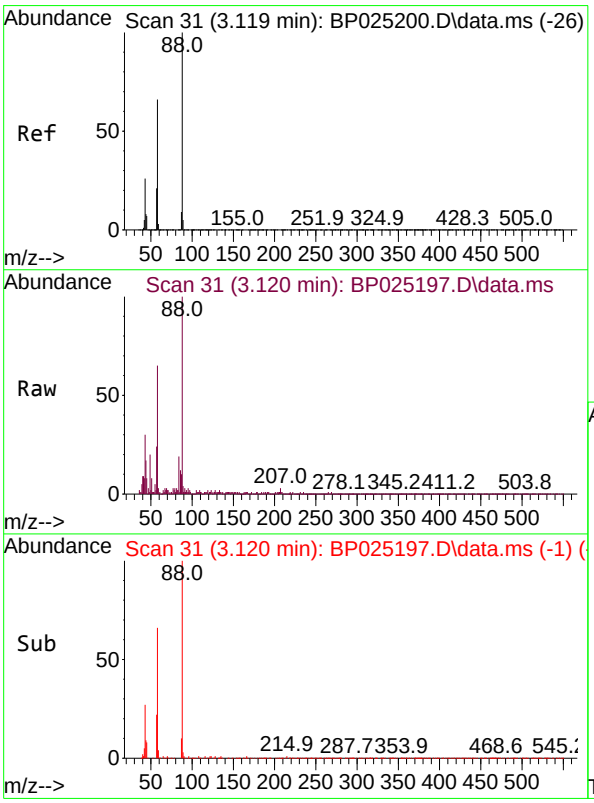

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 501148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 121.9 | 182.9 |
| 115 | 55.9 | 43.0 | 64.6 |

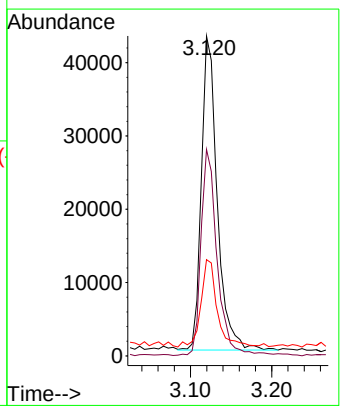


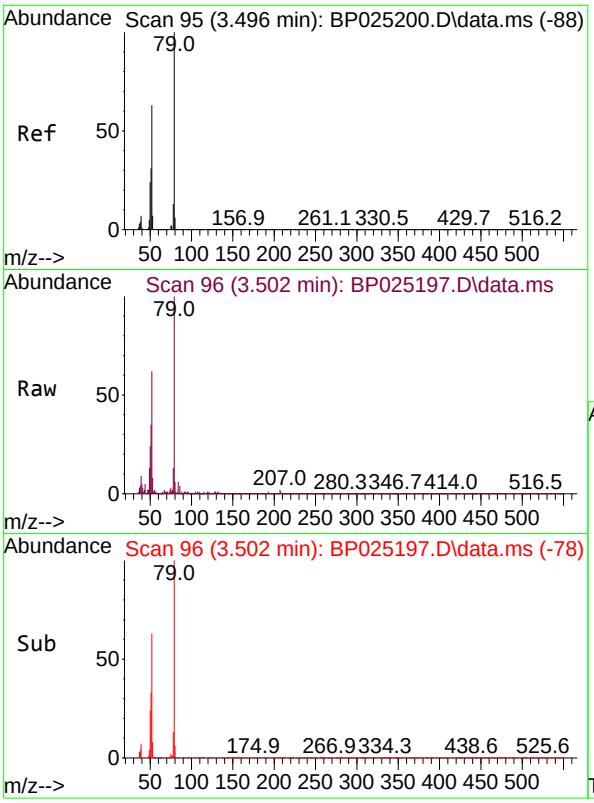




#2
1,4-Dioxane
Concen: 5.168 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 88 Resp: 58261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 53.5 | 80.3 |
| 43 | 28.5 | 20.8 | 31.2 |



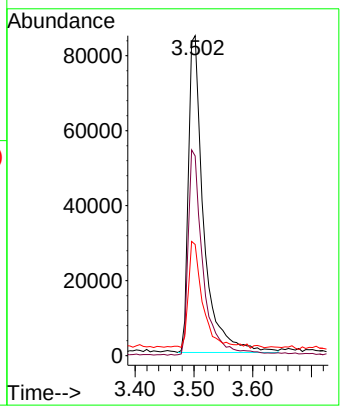


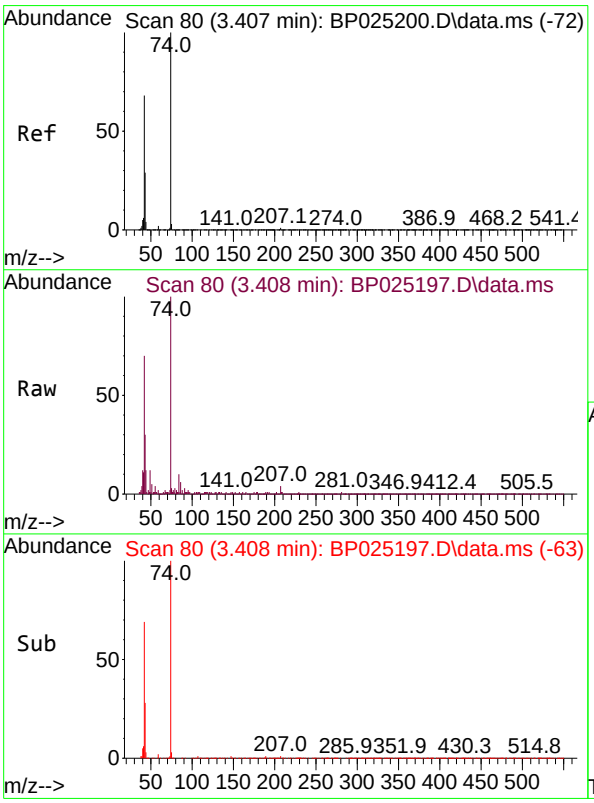

#3
Pyridine
Concen: 5.103 ng
RT: 3.502 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 152389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.4 | 50.2 | 75.4 |
| 51 | 34.7 | 25.0 | 37.4 |

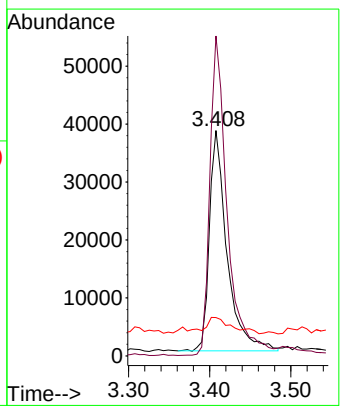


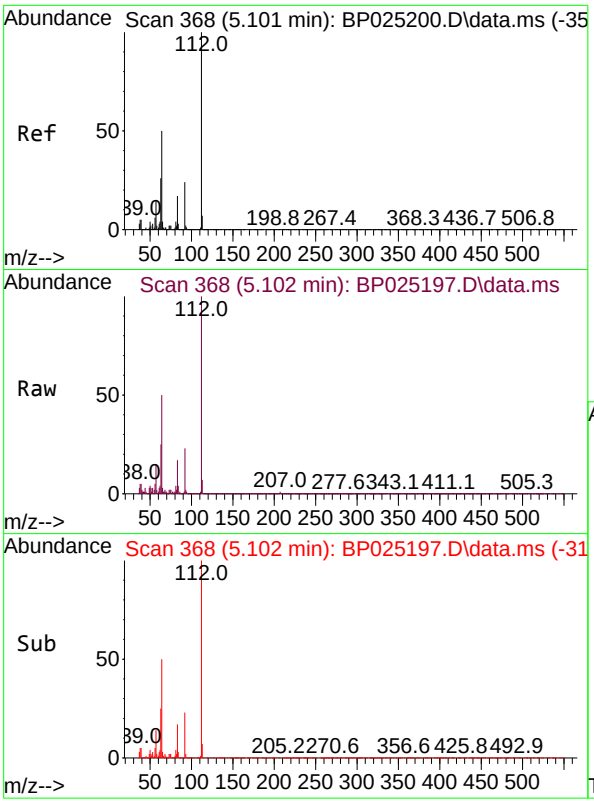




#4
n-Nitrosodimethylamine
Concen: 4.881 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 42 Resp: 57522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.0 | 118.0 | 177.0 |
| 44 | 17.0 | 5.5 | 8.3# |



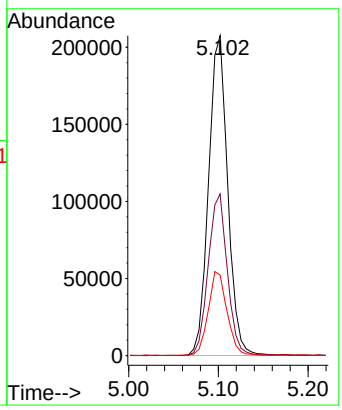


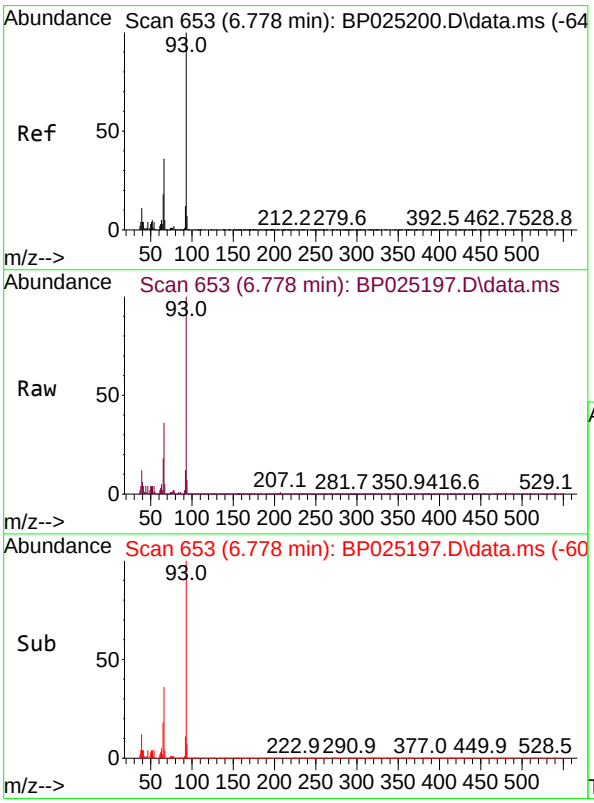

#5
2-Fluorophenol
Concen: 10.229 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:112 Resp: 306866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.5 | 39.8 | 59.6 |
| 63 | 25.2 | 20.5 | 30.7 |

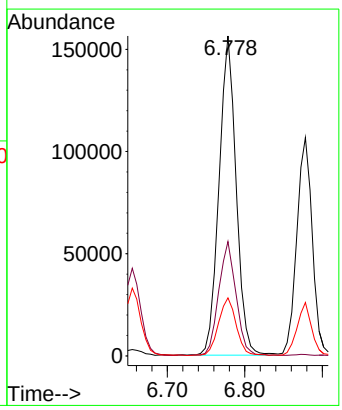


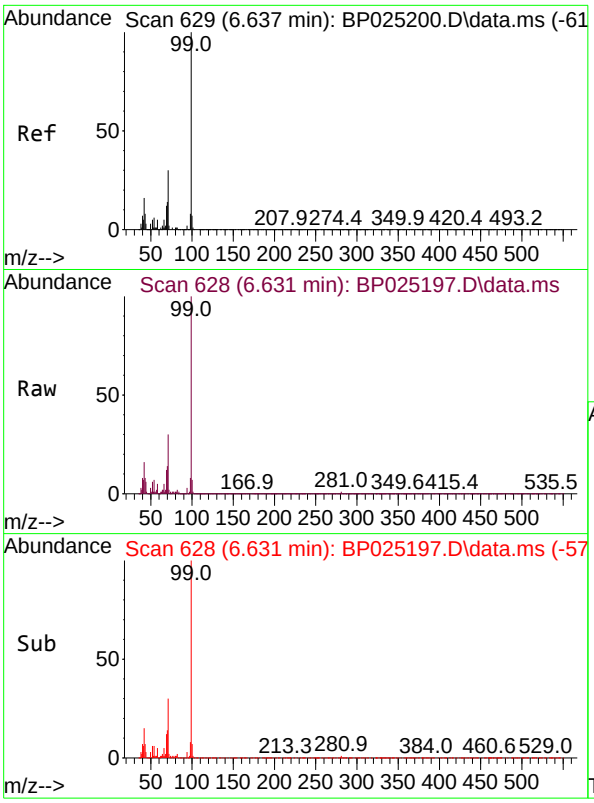




#6
Aniline
Concen: 4.987 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 240191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.1 | 14.6 | 21.8 |



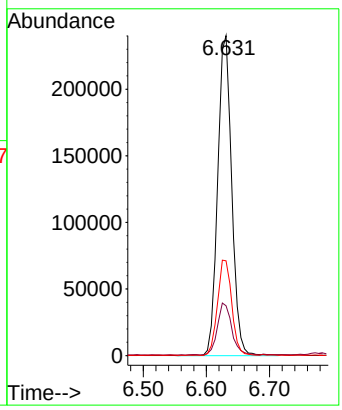


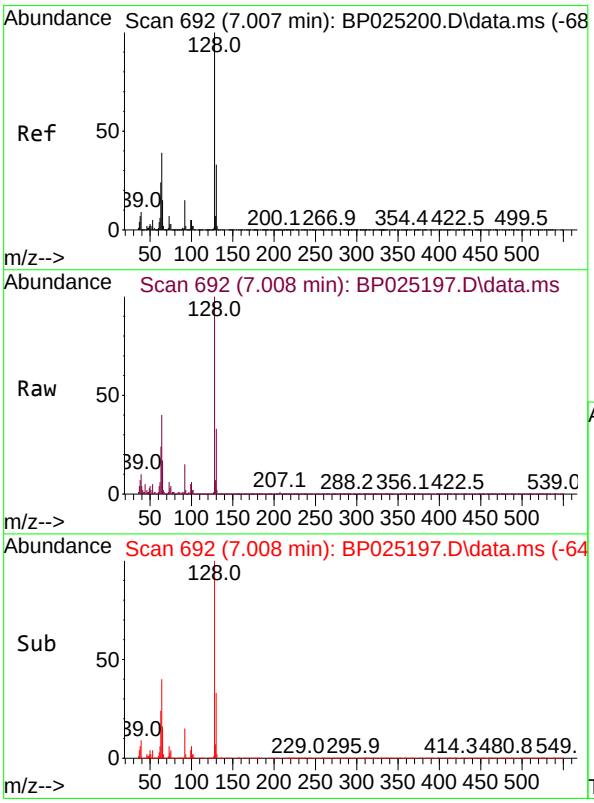

#7
Phenol-d6
Concen: 9.982 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 99 Resp: 369676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 12.5 | 18.7 |
| 71 | 29.6 | 24.2 | 36.2 |

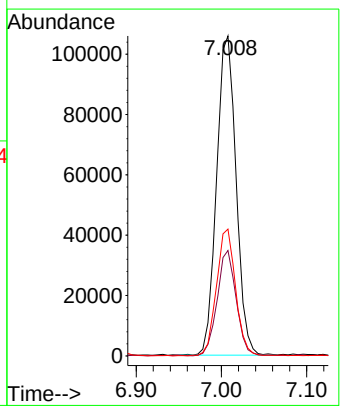


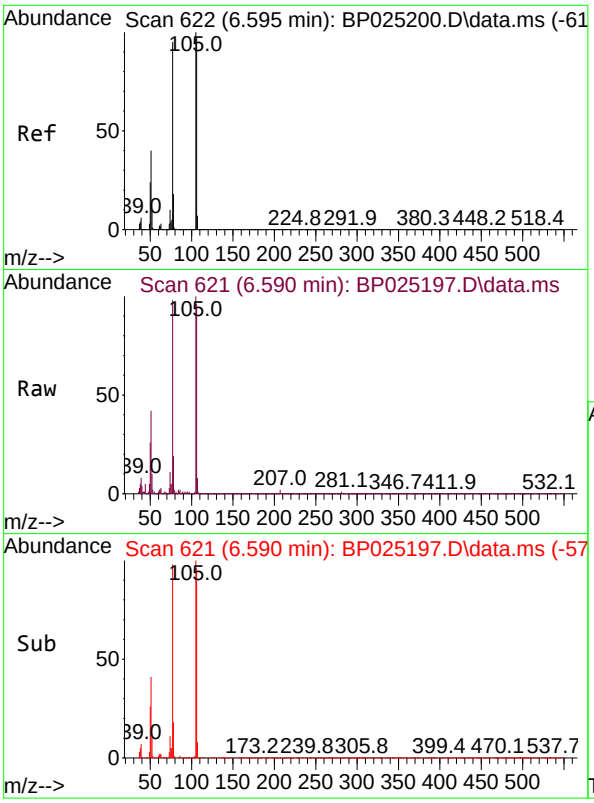




#8
2-Chlorophenol
Concen: 4.983 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:128 Resp: 168204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 39.6 | 19.2 | 59.2 |



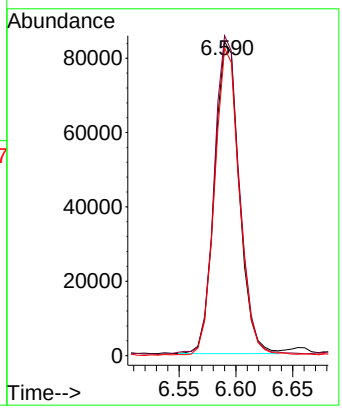


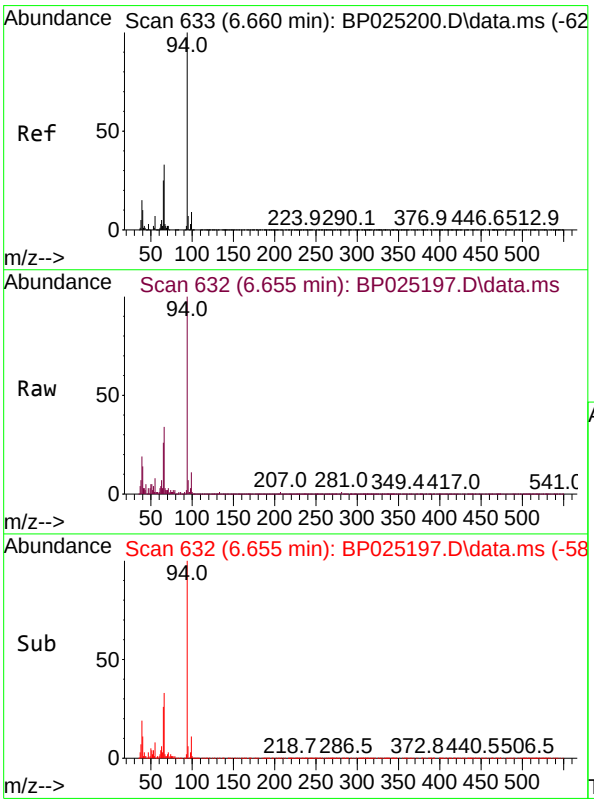

#9
Benzaldehyde
Concen: 4.791 ng
RT: 6.590 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 77 Resp: 126790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.0 | 85.5 | 125.5 |
| 106 | 98.0 | 81.9 | 121.9 |

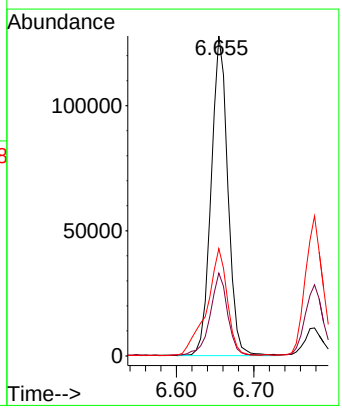


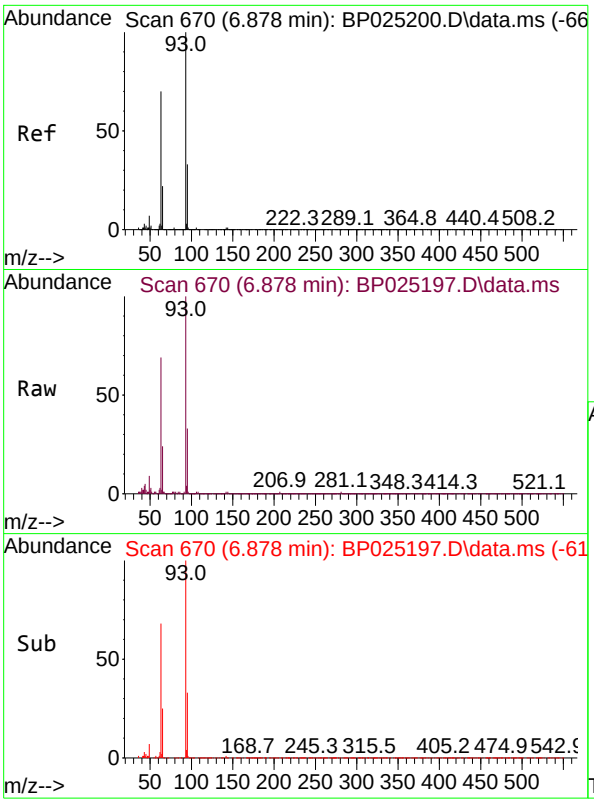




#10
Phenol
Concen: 4.997 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 94 Resp: 191463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.9 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |



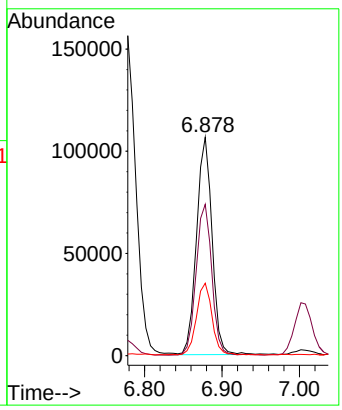


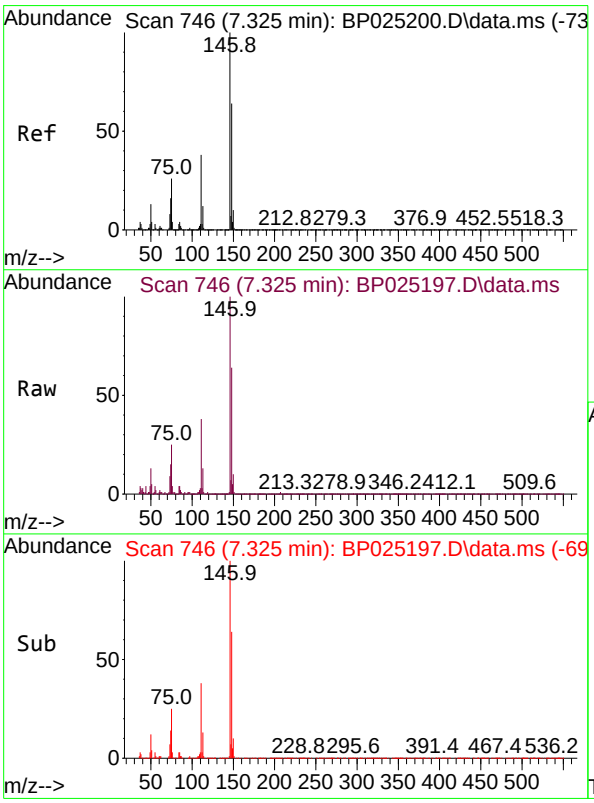

#11
bis(2-Chloroethyl)ether
Concen: 5.030 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 147992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.3 | 50.0 | 90.0 |
| 95 | 33.1 | 12.9 | 52.9 |

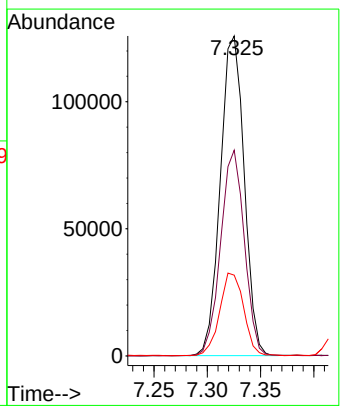


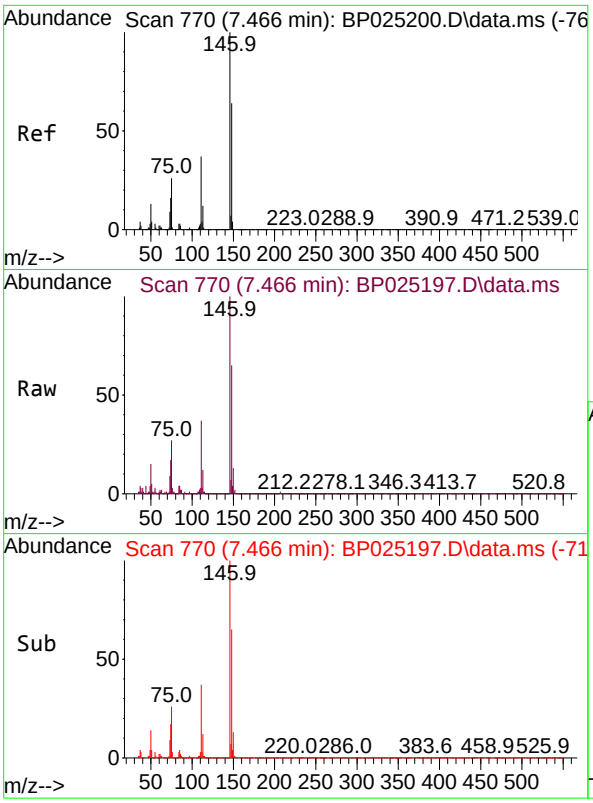




#12
1,3-Dichlorobenzene
Concen: 5.114 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 195840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.0 |
| 75 | 25.2 | 20.6 | 31.0 |



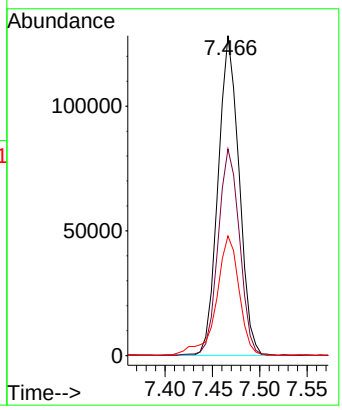


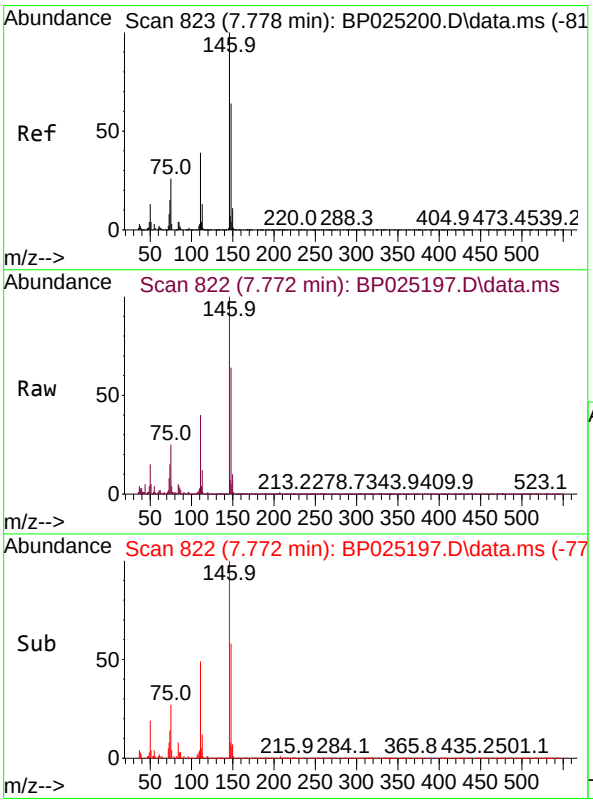

#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:146 Resp: 197217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.2 |
| 111 | 37.4 | 29.9 | 44.9 |

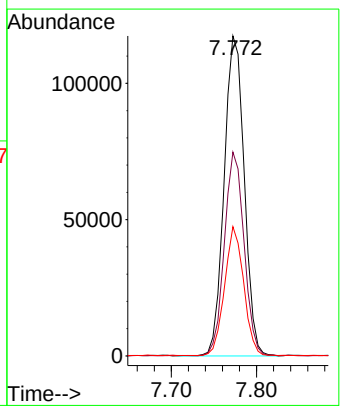


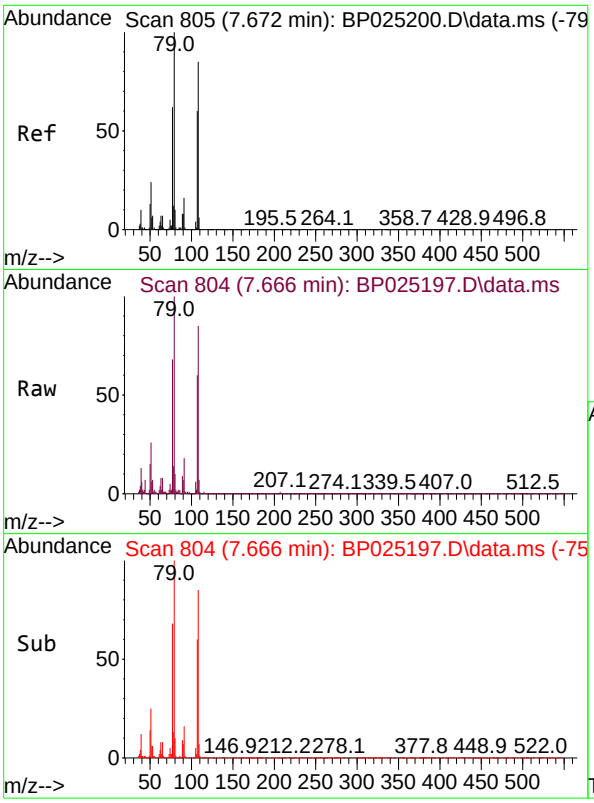




#14
1,2-Dichlorobenzene
Concen: 5.177 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:146 Resp: 192220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.5 | 77.3 |
| 111 | 40.4 | 31.3 | 46.9 |



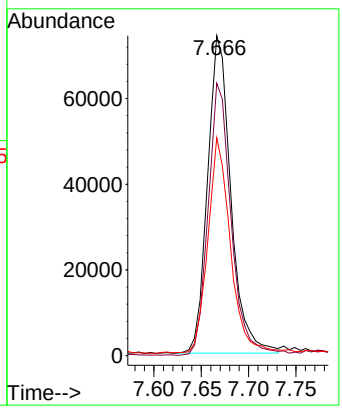


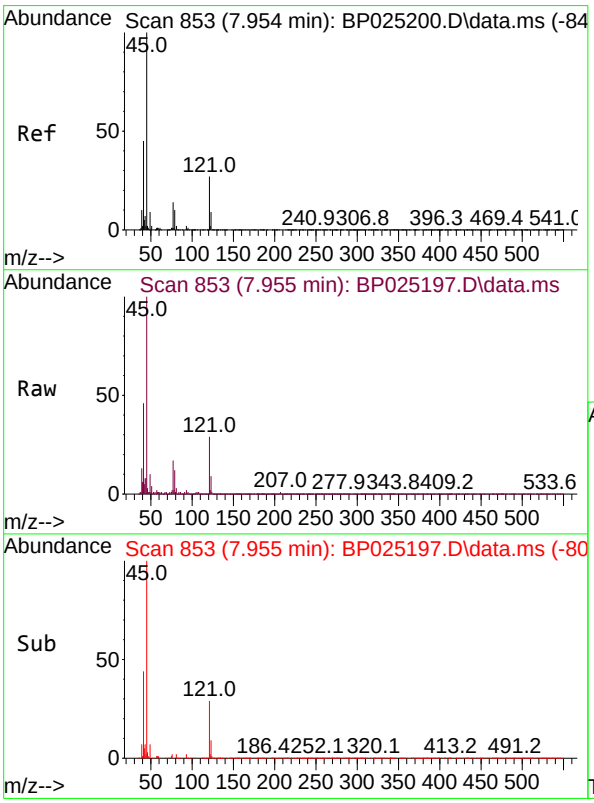

#15
Benzyl Alcohol
Concen: 4.771 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 126655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.1 | 67.8 | 101.6 |
| 77 | 68.1 | 49.9 | 74.9 |

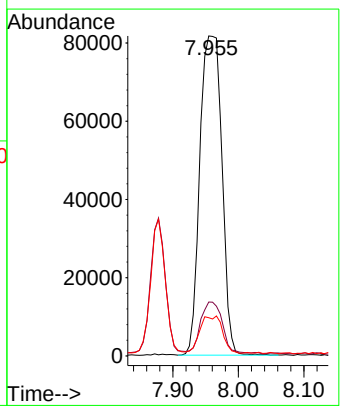


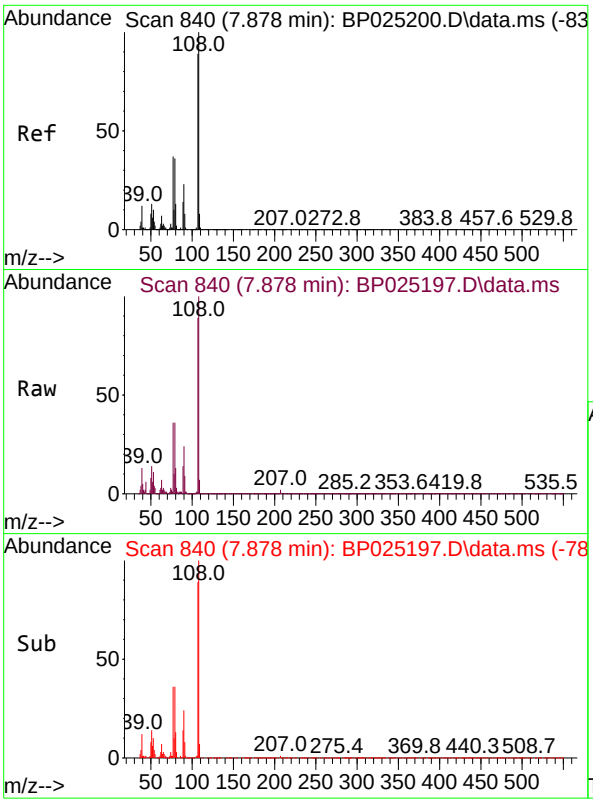




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 45 Resp: 190207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.8 | 0.0 | 36.0 |
| 79 | 11.9 | 0.0 | 31.7 |



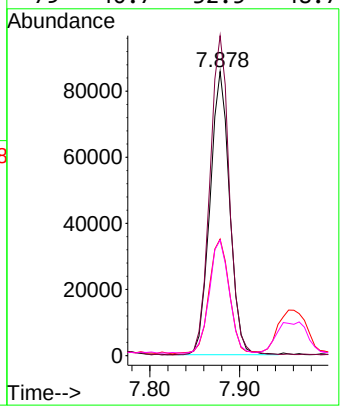


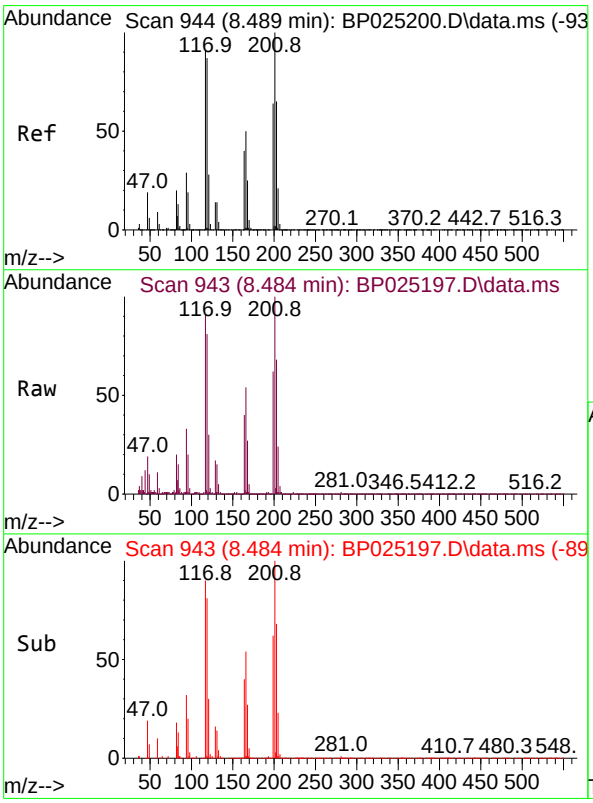

#17
2-Methylphenol
Concen: 4.939 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:107 Resp: 130912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 89.8 | 134.8 |
| 77 | 41.0 | 33.2 | 49.8 |
| 79 | 40.7 | 32.5 | 48.7 |

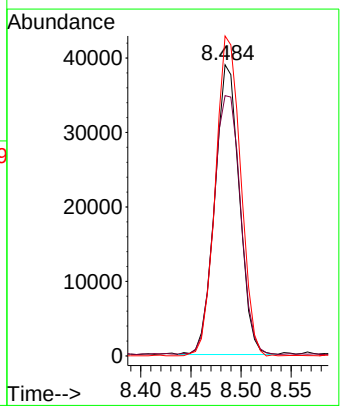


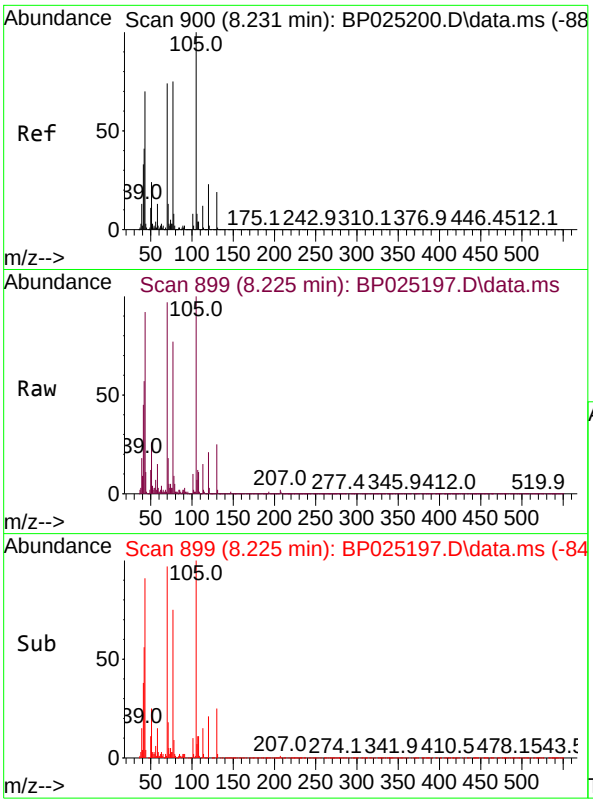




#18
Hexachloroethane
Concen: 5.026 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:117 Resp: 66324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.4 | 77.0 | 115.6 |
| 201 | 109.9 | 88.3 | 132.5 |



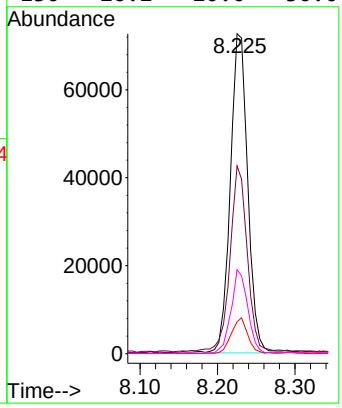


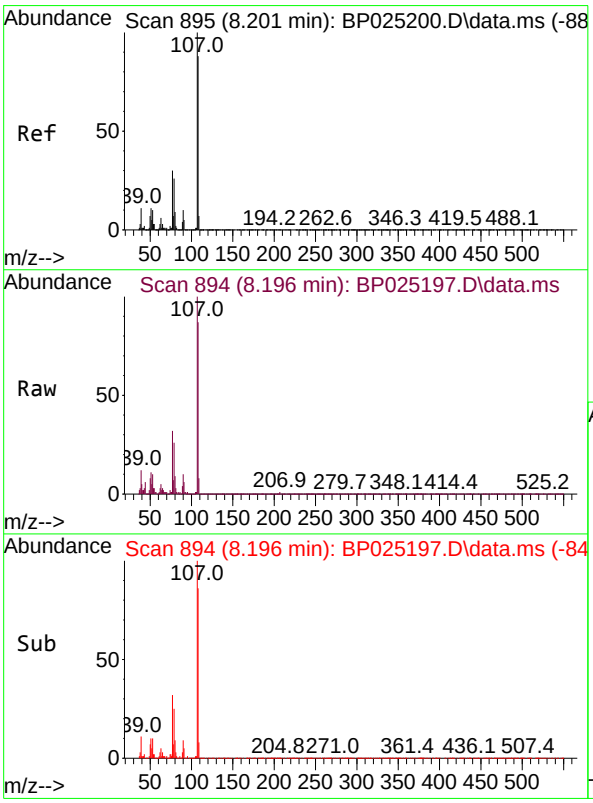

#19
n-Nitroso-di-n-propylamine
Concen: 5.102 ng
RT: 8.225 min Scan# 89
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 70 Resp: 113871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.7 | 44.2 | 66.2 |
| 101 | 9.9 | 8.6 | 12.8 |
| 130 | 26.2 | 20.0 | 30.0 |

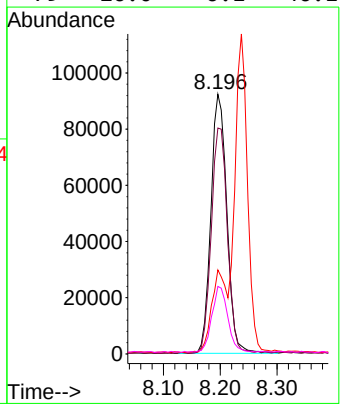


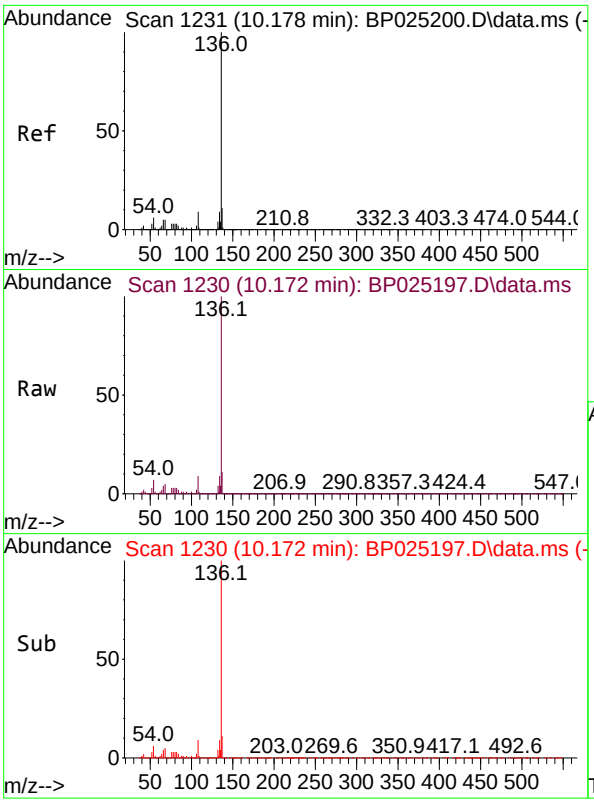




#20
3+4-Methylphenols
Concen: 4.987 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 180538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.0 | 67.8 | 107.8 |
| 77 | 32.3 | 10.3 | 50.3 |
| 79 | 26.0 | 6.1 | 46.1 |



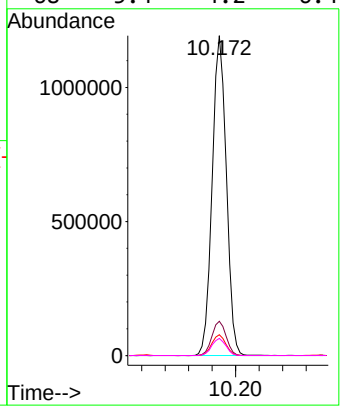


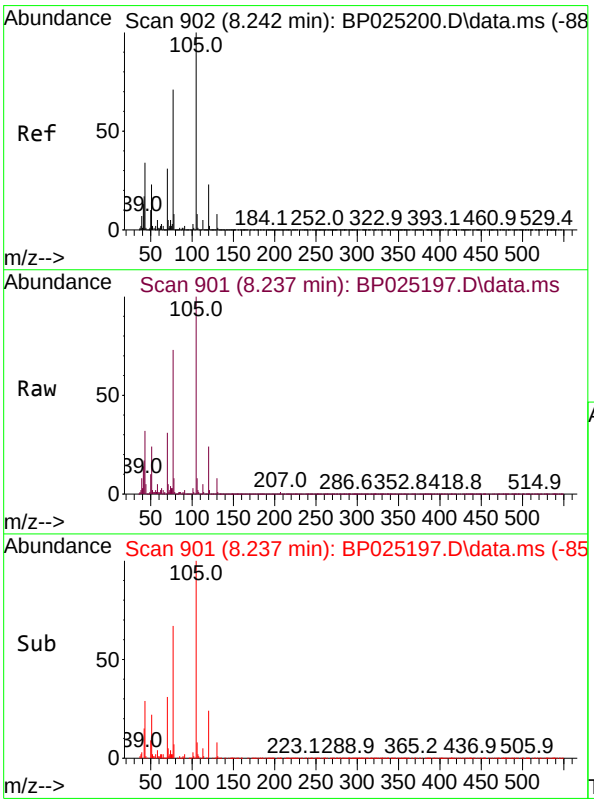

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:136 Resp: 1993468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |

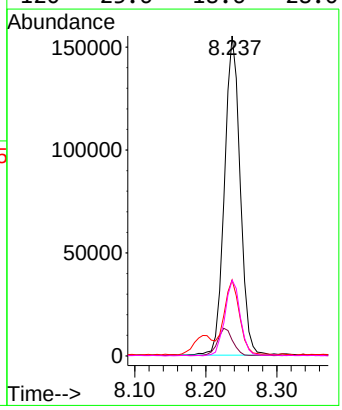


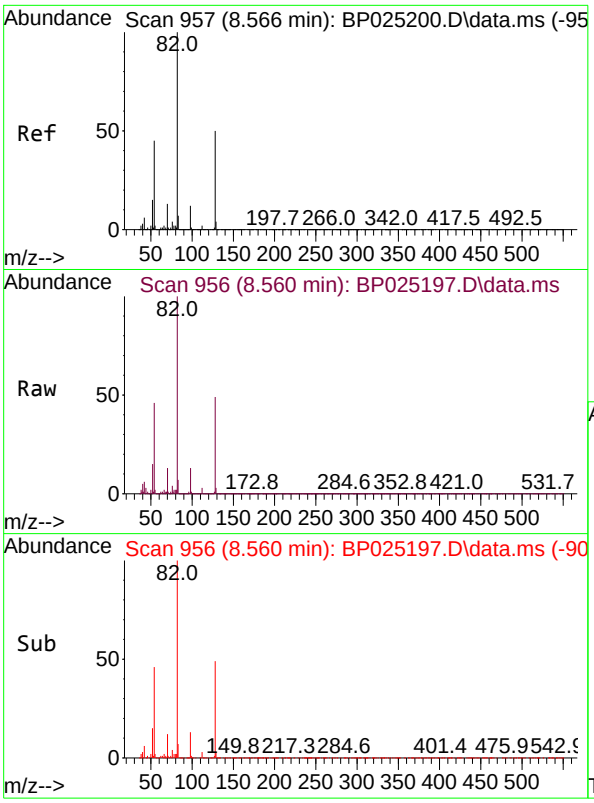




#22
Acetophenone
Concen: 5.052 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:105 Resp: 238513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.0 | 4.1 | 6.1 |
| 51 | 23.7 | 18.5 | 27.7 |
| 120 | 23.6 | 18.6 | 28.0 |



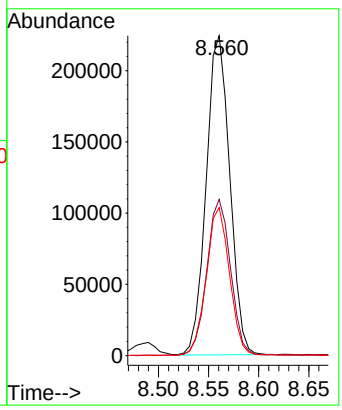


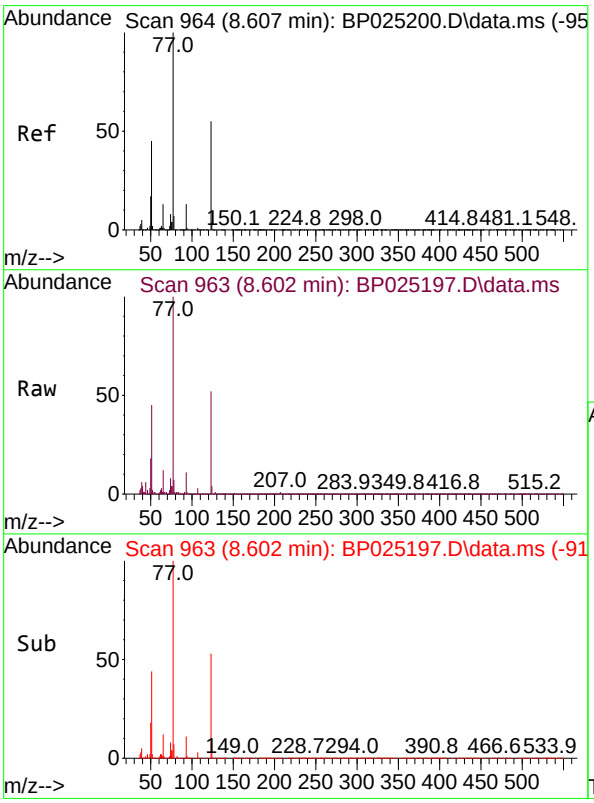

#23
Nitrobenzene-d5
Concen: 10.078 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 366442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.8 | 40.2 | 60.4 |
| 54 | 46.3 | 36.3 | 54.5 |

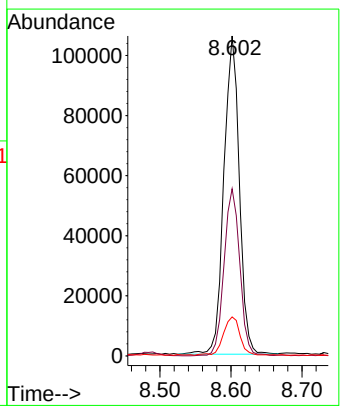


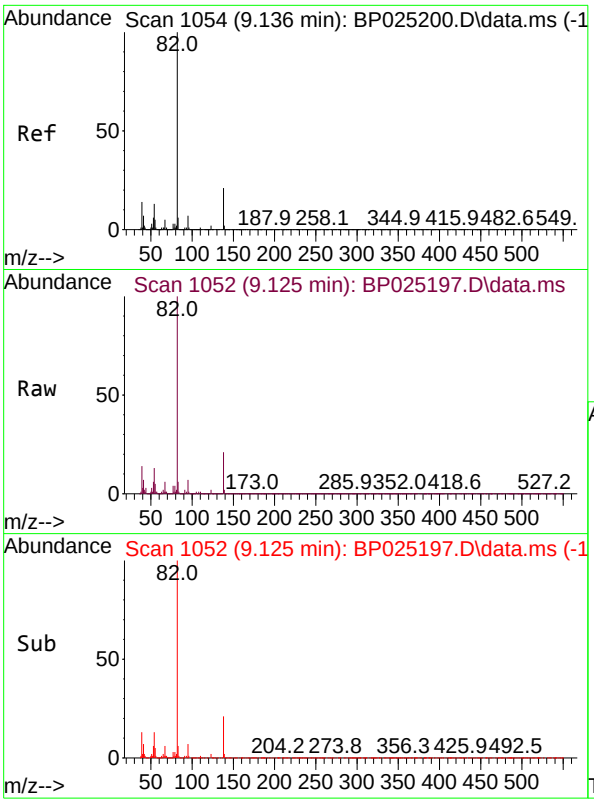




#24
Nitrobenzene
Concen: 4.982 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 77 Resp: 160535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.2 | 43.6 | 65.4 |
| 65 | 12.2 | 10.2 | 15.2 |



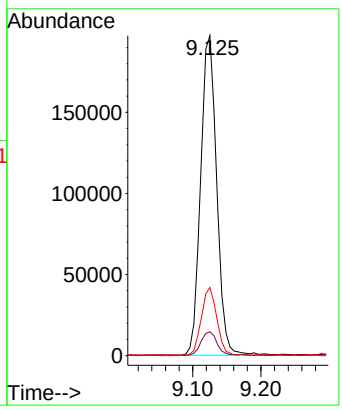


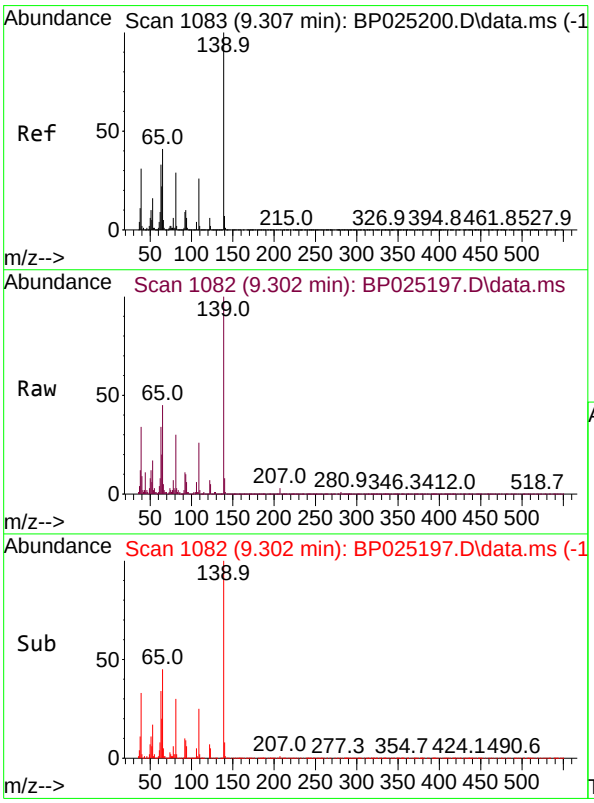

#25
Isophorone
Concen: 5.082 ng
RT: 9.125 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 323606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.6 | 8.4 |
| 138 | 21.3 | 16.6 | 25.0 |

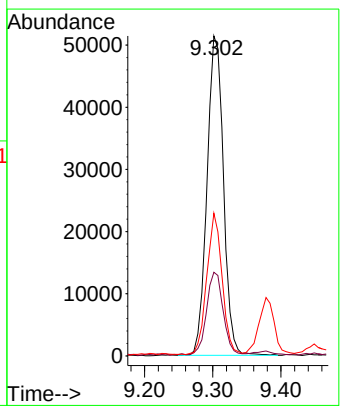


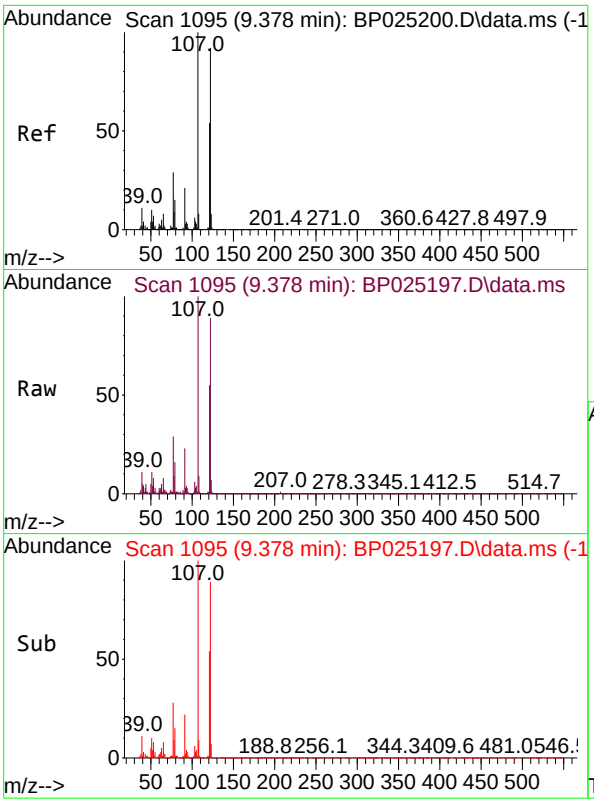




#26
2-Nitrophenol
Concen: 4.758 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 86302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.1 | 21.0 | 31.6 |
| 65 | 44.6 | 32.7 | 49.1 |



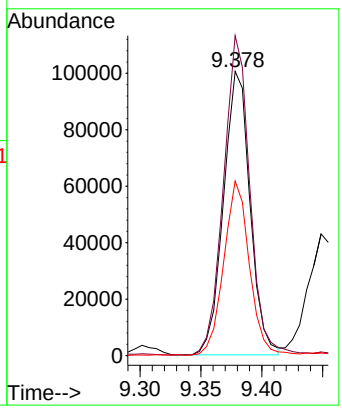


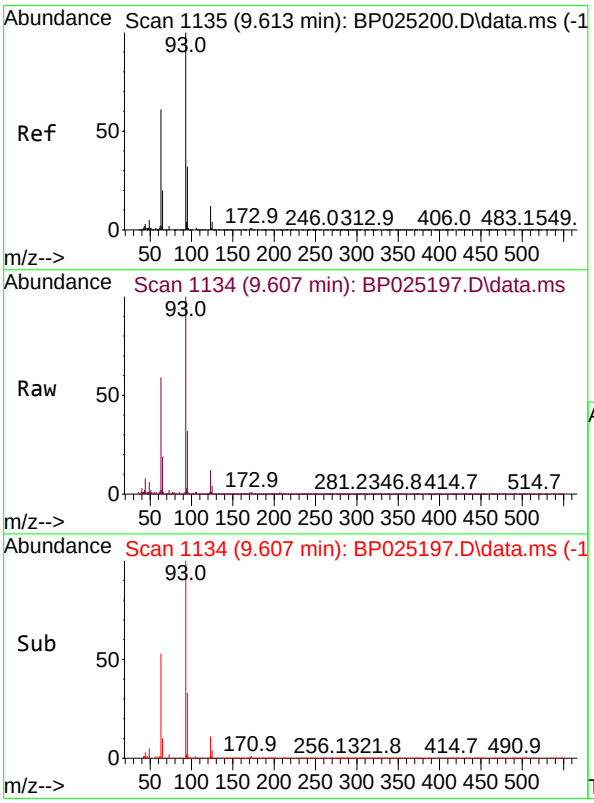

#27
2,4-Dimethylphenol
Concen: 4.939 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:122 Resp: 152482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 87.0 | 130.4 |
| 121 | 61.5 | 46.7 | 70.1 |

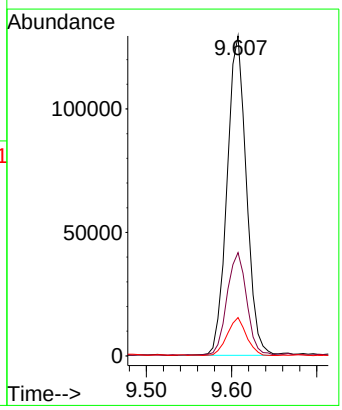


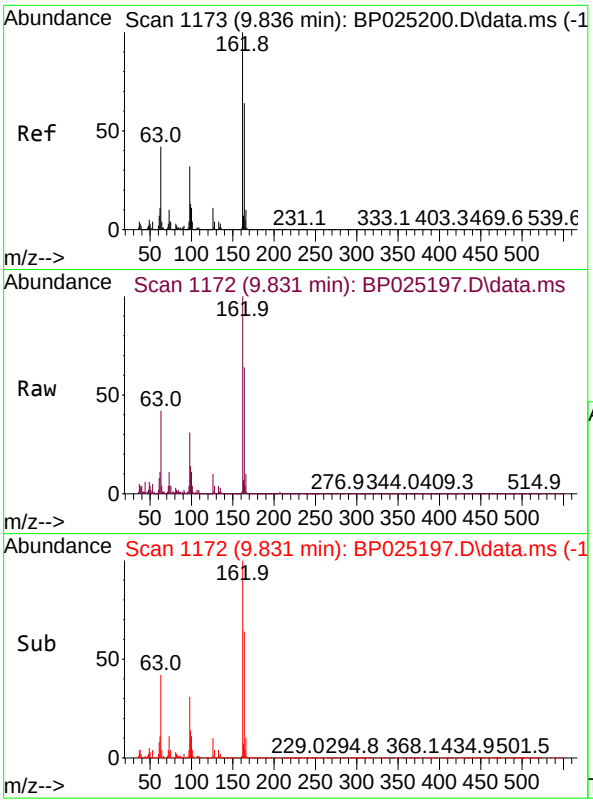




#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 93 Resp: 203537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.0 | 39.0 |
| 123 | 12.0 | 9.8 | 14.6 |



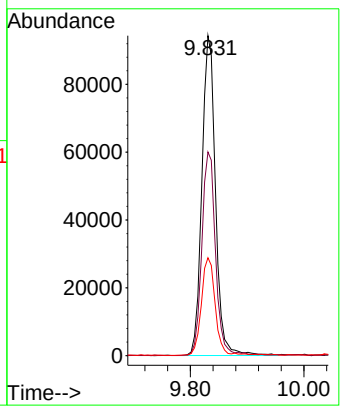


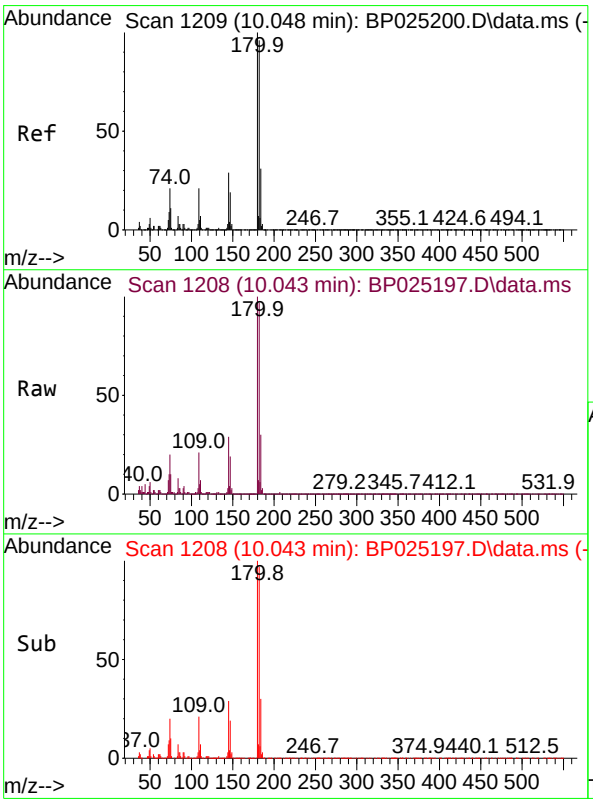

#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 156480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 44.2 | 84.2 |
| 98 | 30.6 | 11.7 | 51.7 |

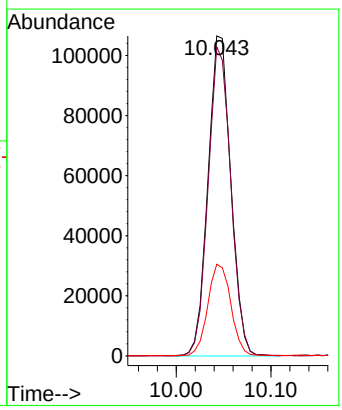


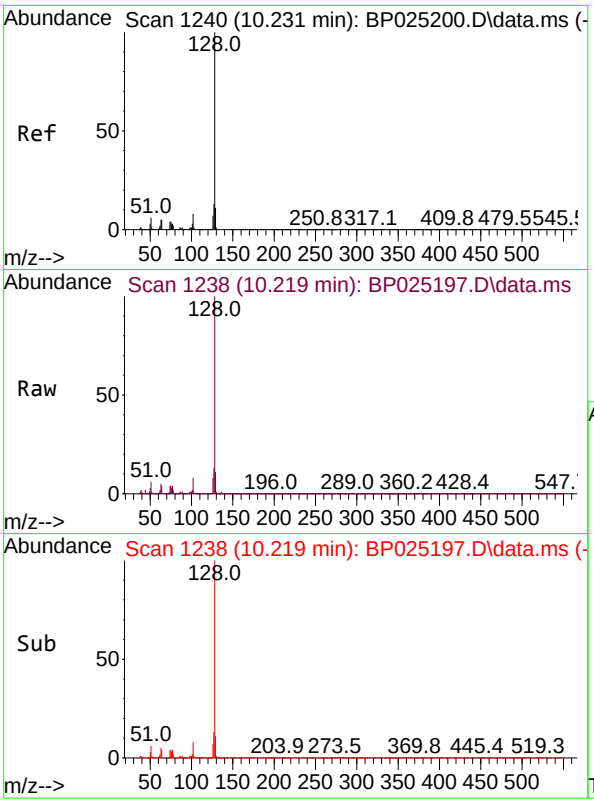




#30
1,2,4-Trichlorobenzene
Concen: 5.128 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:180 Resp: 178685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 76.7 | 115.1 |
| 145 | 28.6 | 23.5 | 35.3 |



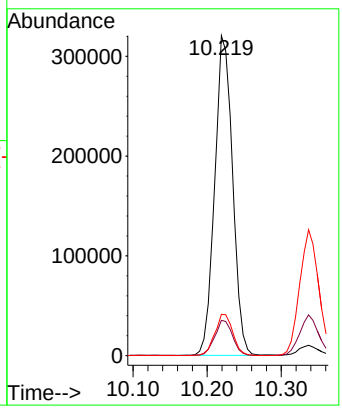


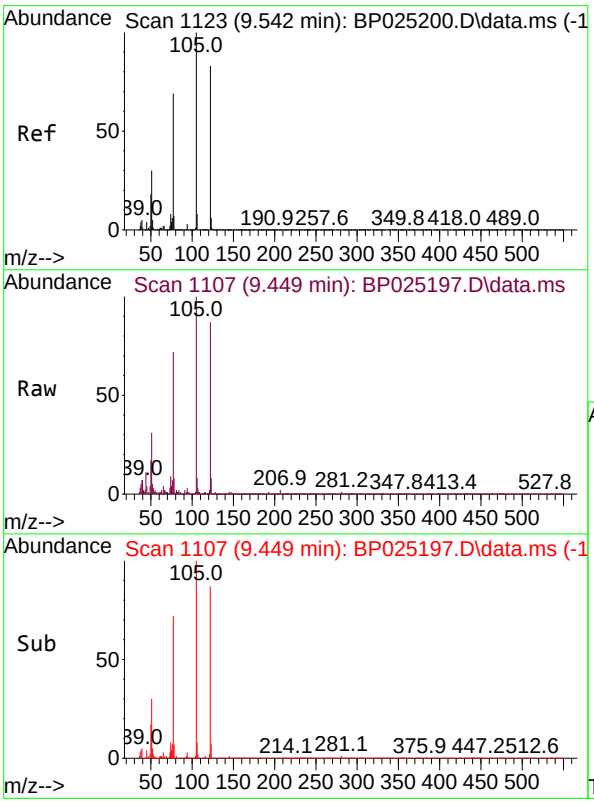

#31
Naphthalene
Concen: 5.175 ng
RT: 10.219 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 537289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 12.9 | 10.4 | 15.6 |

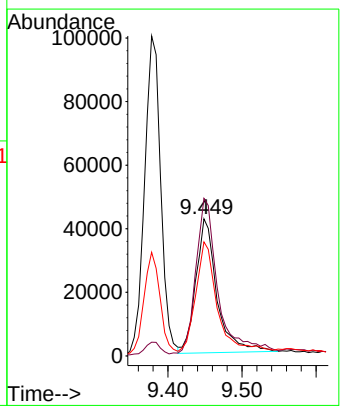


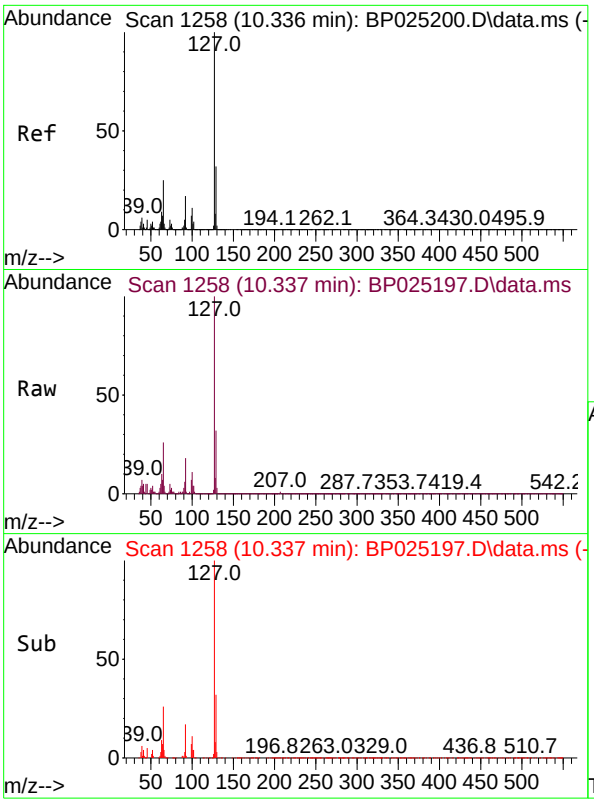




#32
Benzoic acid
Concen: 3.703 ng
RT: 9.449 min Scan# 1107
Delta R.T. -0.094 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:122 Resp: 83493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.0 | 98.1 | 138.1 |
| 77 | 83.2 | 62.7 | 102.7 |



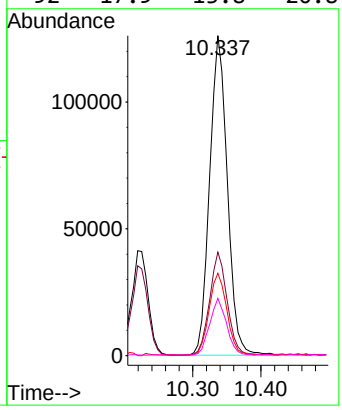


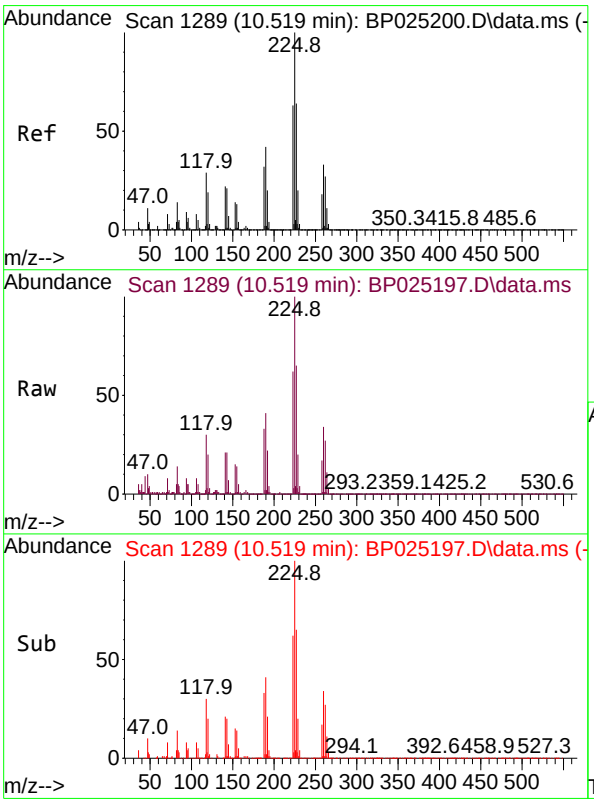

#33
4-Chloroaniline
Concen: 5.041 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:127 Resp: 227222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.9 | 38.9 |
| 65 | 25.7 | 20.2 | 30.4 |
| 92 | 17.9 | 13.8 | 20.8 |

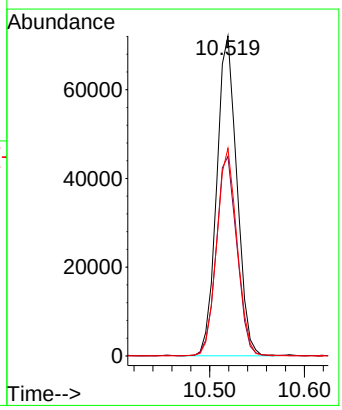


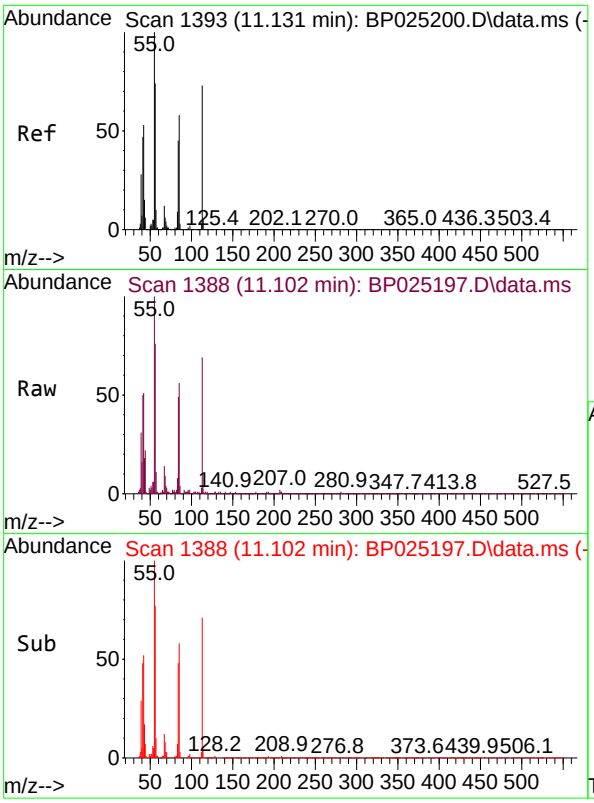




#34
Hexachlorobutadiene
Concen: 5.084 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:225 Resp: 106389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.1 | 75.1 |
| 227 | 64.9 | 51.4 | 77.0 |



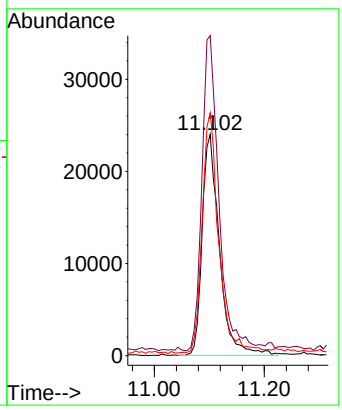


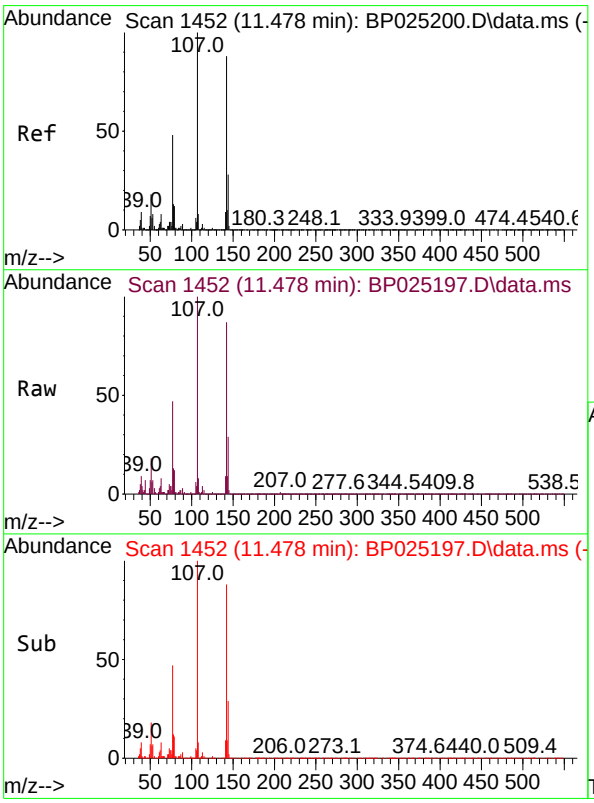

#35
Caprolactam
Concen: 5.018 ng
RT: 11.102 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:113 Resp: 52301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 144.7 | 117.6 | 157.6 |
| 56 | 109.8 | 82.4 | 122.4 |

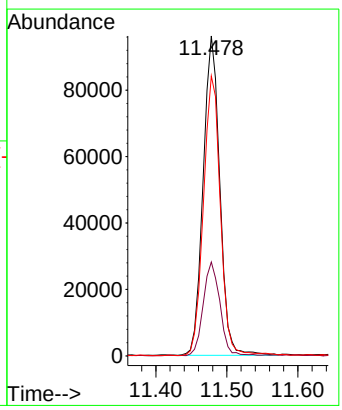


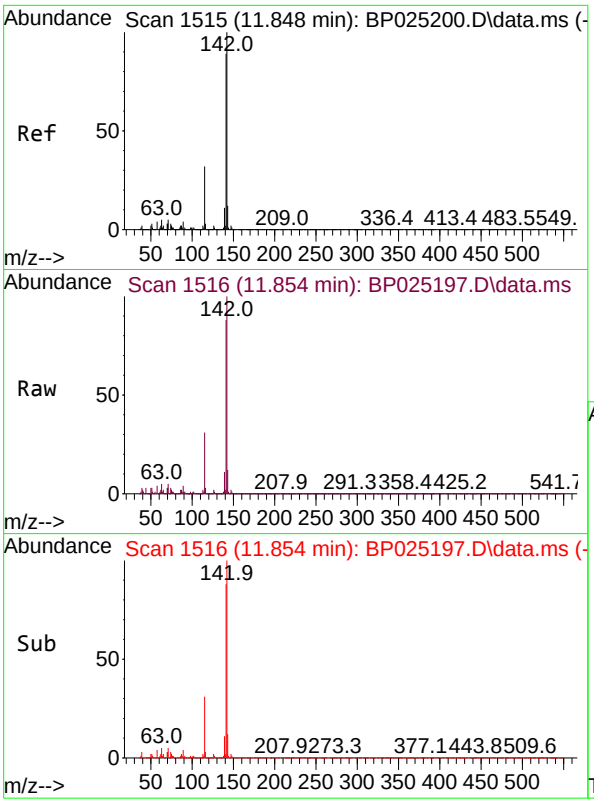




#36
4-Chloro-3-methylphenol
Concen: 4.939 ng
RT: 11.478 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:107 Resp: 156207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.3 | 22.5 | 33.7 |
| 142 | 87.5 | 70.6 | 105.8 |



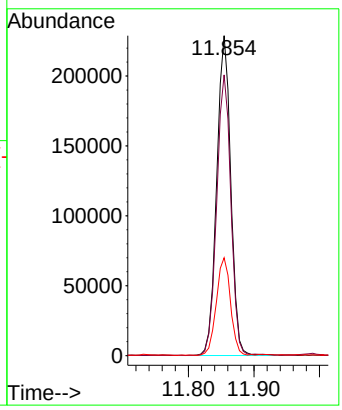


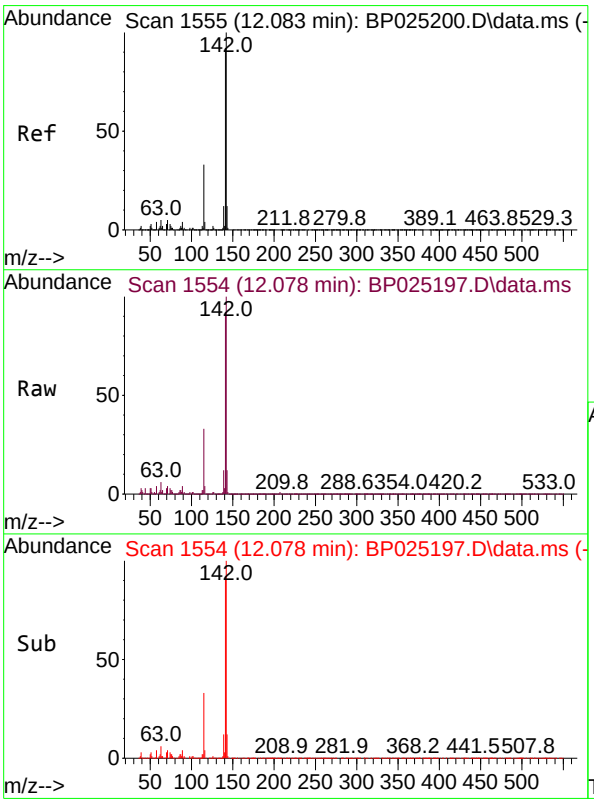

#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:142 Resp: 342320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 71.2 | 106.8 |
| 115 | 30.6 | 25.3 | 37.9 |

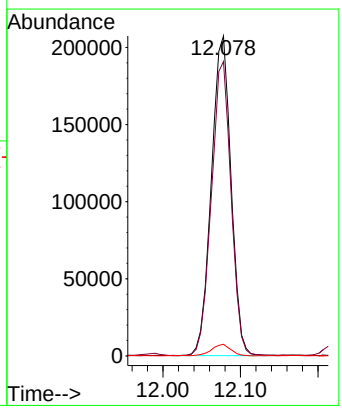


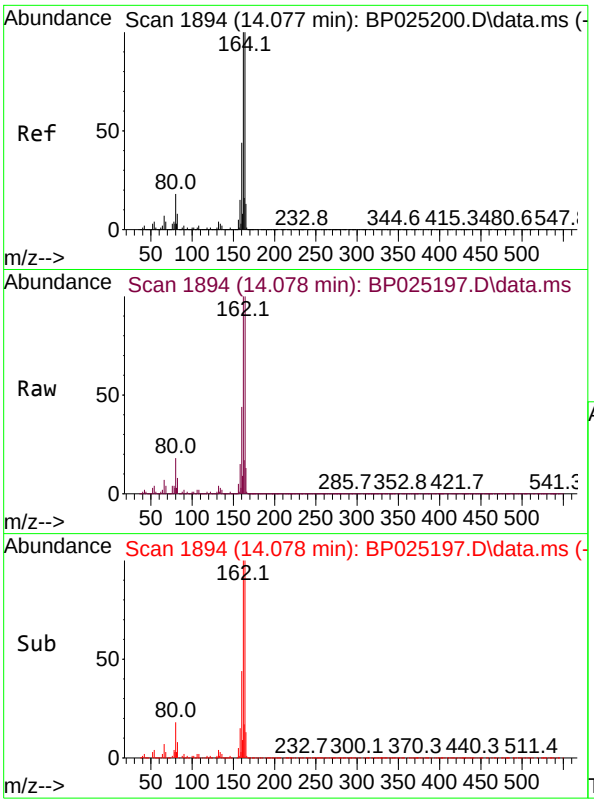




#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:142 Resp: 365319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |



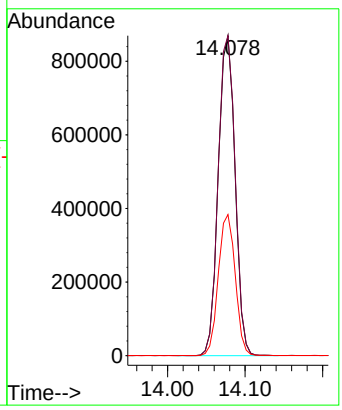


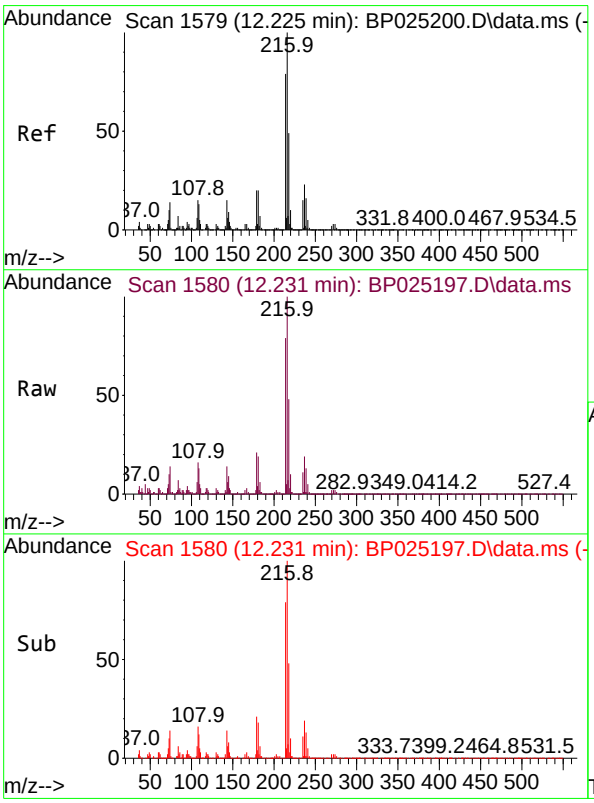

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:164 Resp: 1309068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.3 | 120.5 |
| 160 | 44.1 | 35.7 | 53.5 |

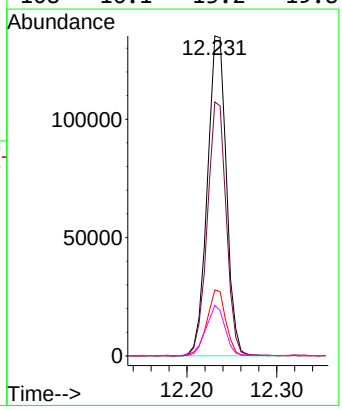


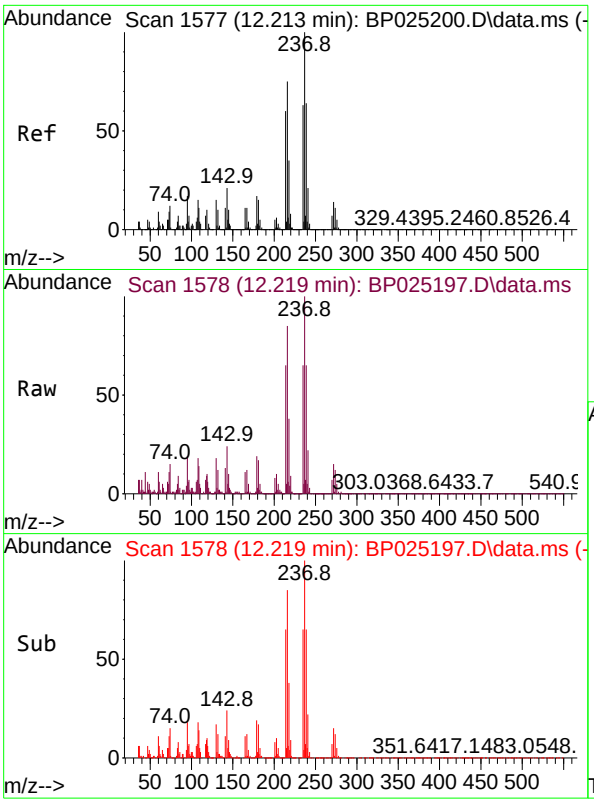




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.042 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:216 Resp: 199889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.1 | 13.2 | 19.8 |



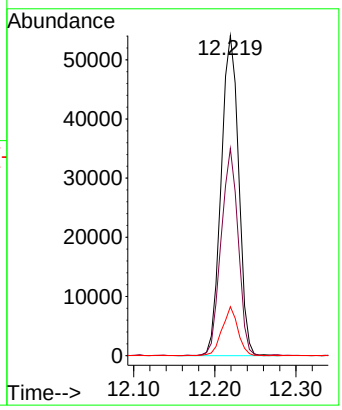


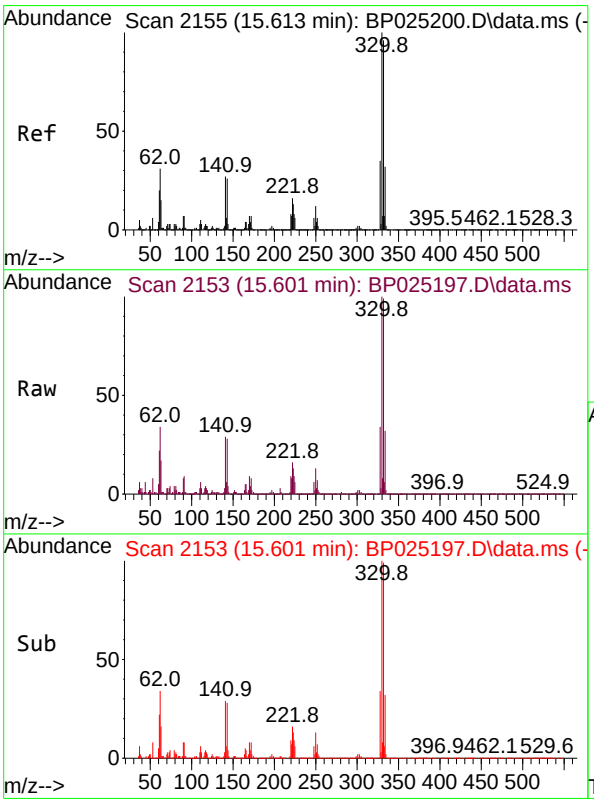

#41
Hexachlorocyclopentadiene
Concen: 3.596 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:237 Resp: 80837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.7 | 42.7 | 82.7 |
| 272 | 15.3 | 0.0 | 33.6 |

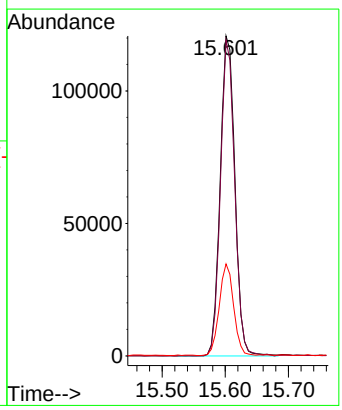


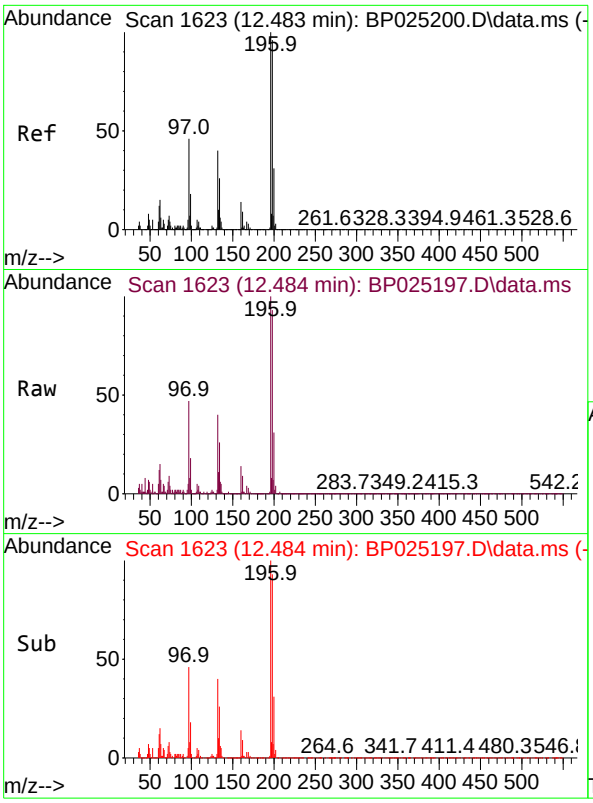




#42
2,4,6-Tribromophenol
Concen: 10.002 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:330 Resp: 194693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.1 | 115.7 |
| 141 | 28.3 | 22.4 | 33.6 |



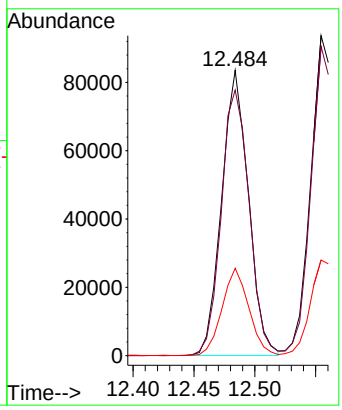


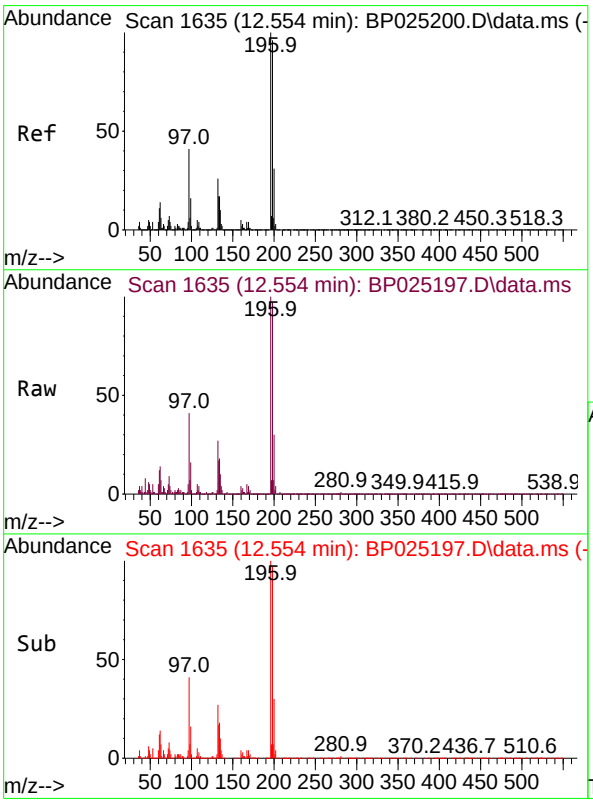

#43
2,4,6-Trichlorophenol
Concen: 4.774 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:196 Resp: 127876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.1 | 76.6 | 114.8 |
| 200 | 30.6 | 24.7 | 37.1 |

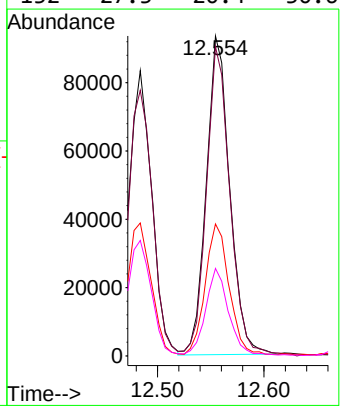


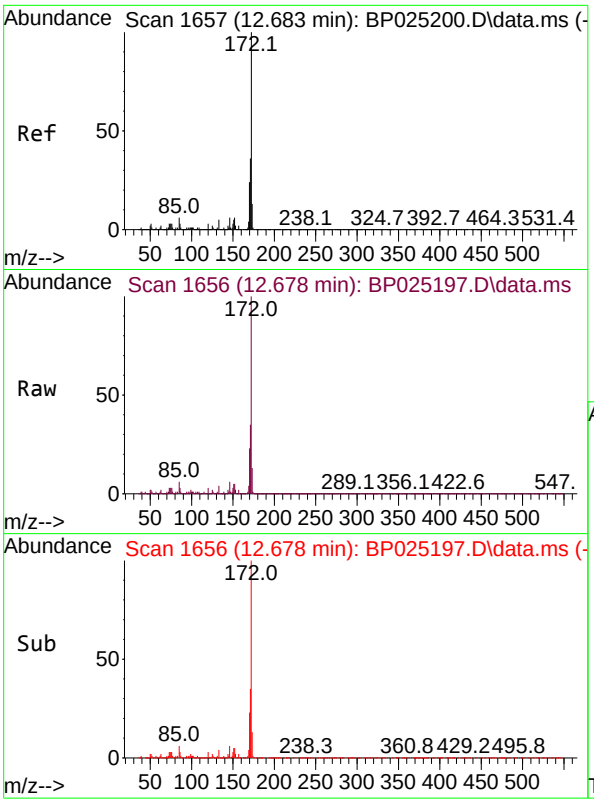




#44
2,4,5-Trichlorophenol
Concen: 4.844 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:196 Resp: 143015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 76.7 | 115.1 |
| 97 | 41.3 | 33.0 | 49.4 |
| 132 | 27.3 | 20.4 | 30.6 |



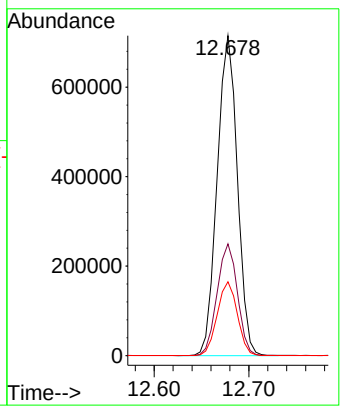


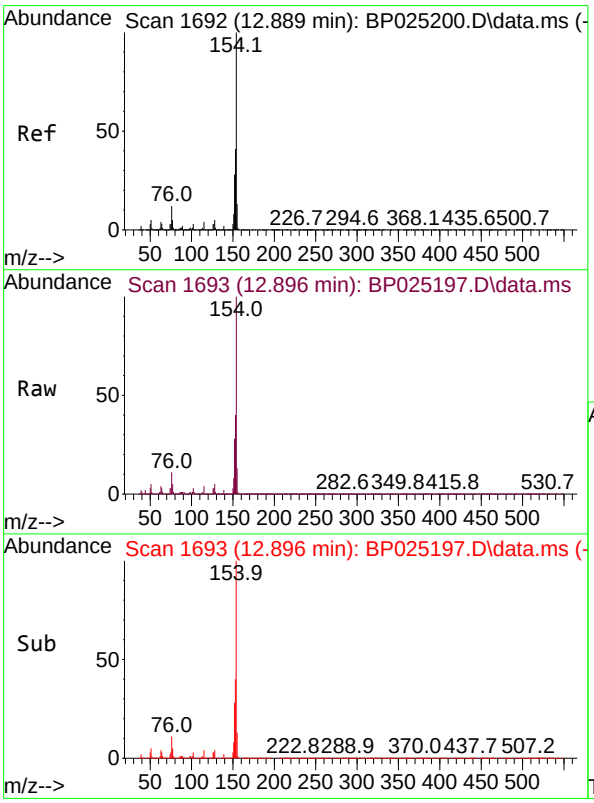

#45
2-Fluorobiphenyl
Concen: 10.698 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:172 Resp: 1057796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.8 | 43.2 |
| 170 | 23.1 | 19.2 | 28.8 |

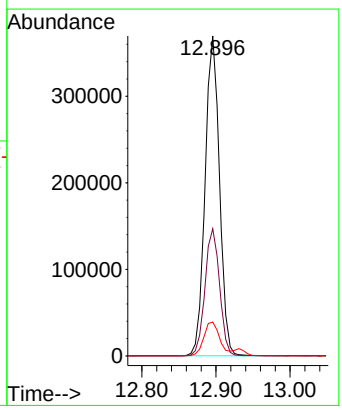


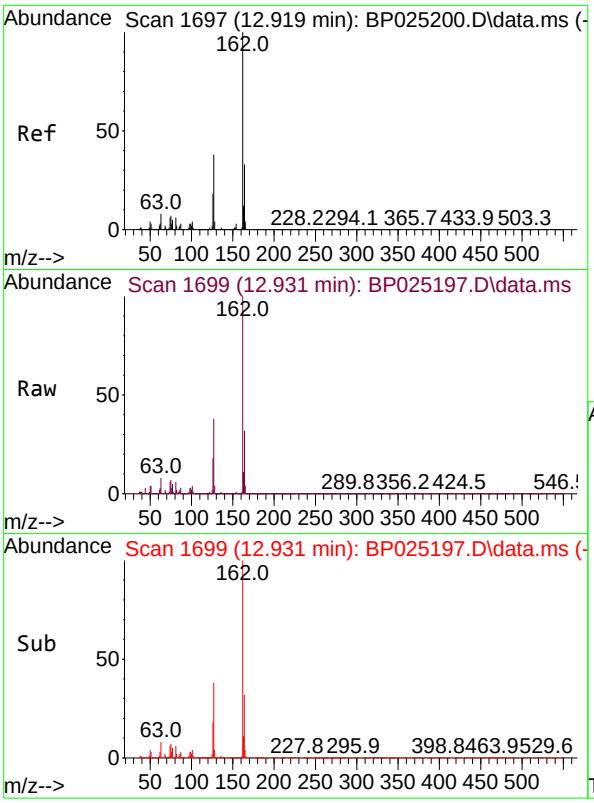




#46
1,1'-Biphenyl
Concen: 5.148 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 498351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.8 | 60.8 |
| 76 | 10.6 | 0.0 | 31.6 |



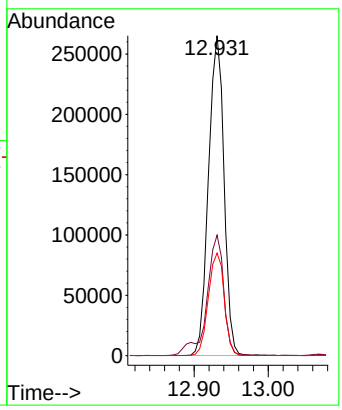


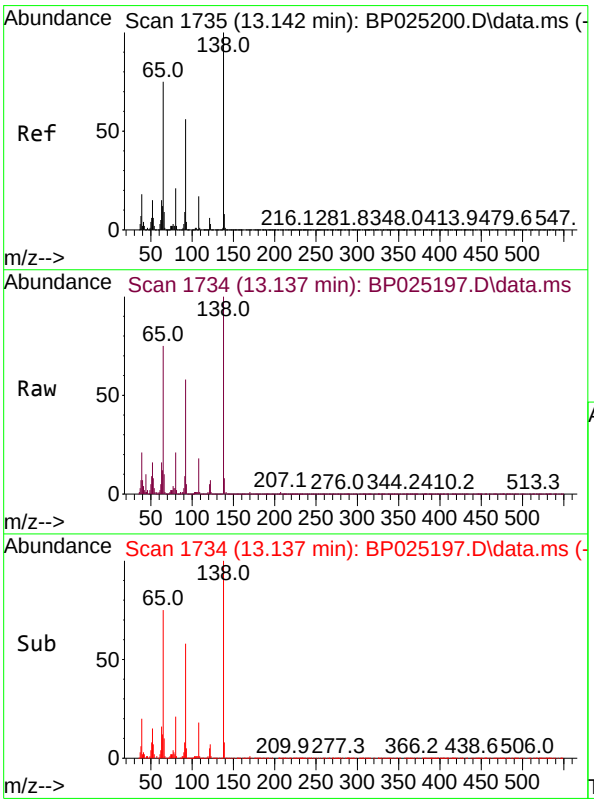

#47
2-Chloronaphthalene
Concen: 5.132 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 384841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 32.0 | 26.5 | 39.7 |

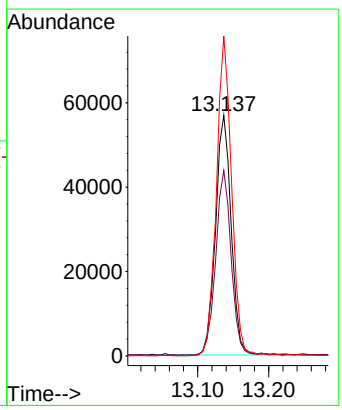


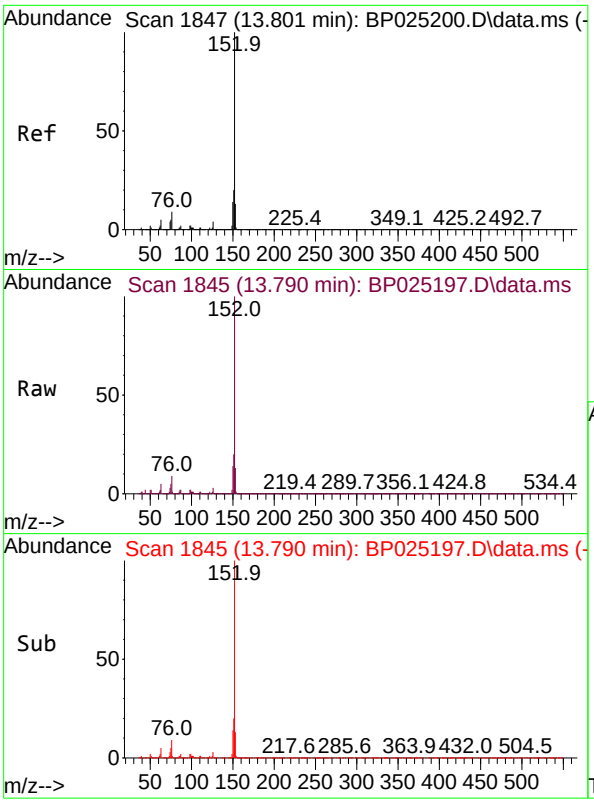




#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion: 65 Resp: 87405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.1 | 59.9 | 89.9 |
| 138 | 133.1 | 107.1 | 160.7 |



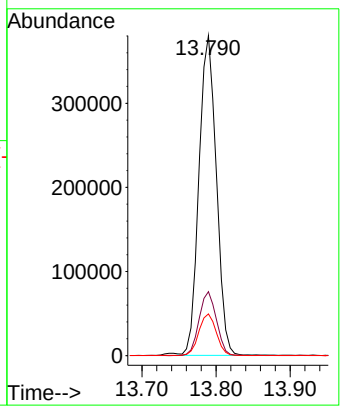


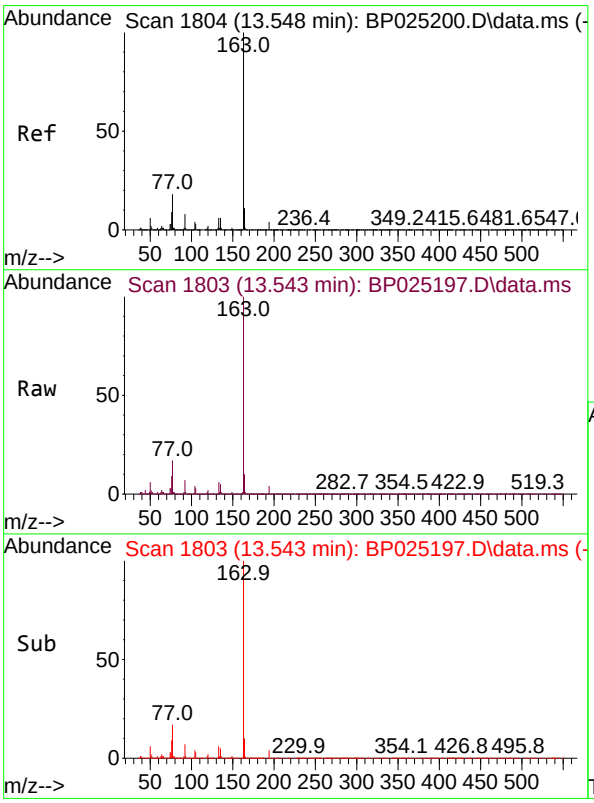

#49
Acenaphthylene
Concen: 5.030 ng
RT: 13.790 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 618618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.2 | 24.2 |
| 153 | 13.0 | 10.6 | 15.8 |

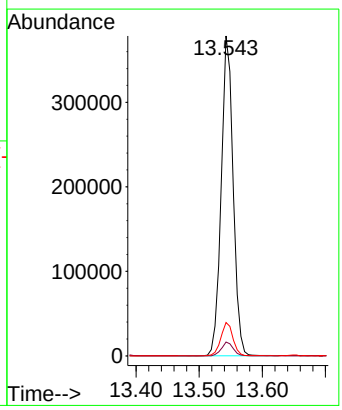


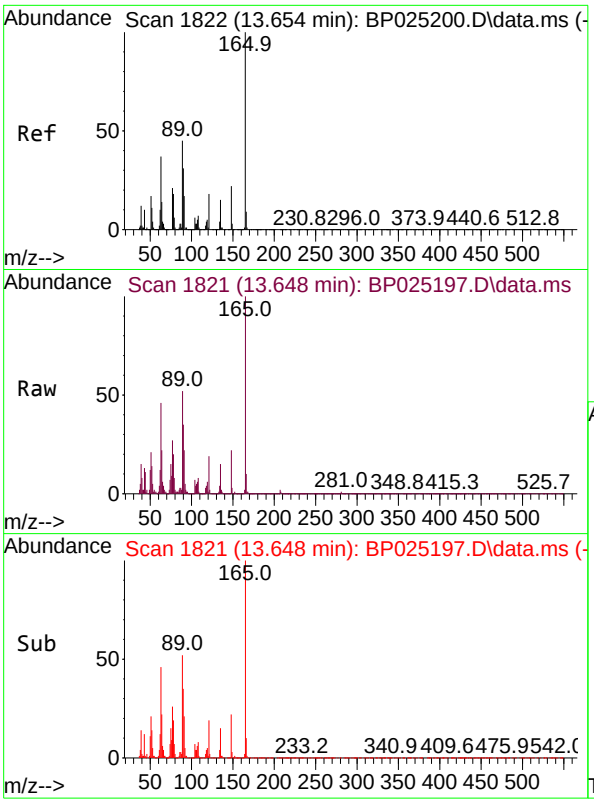




#50
Dimethylphthalate
Concen: 5.191 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:163 Resp: 495773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.4 | 8.5 | 12.7 |



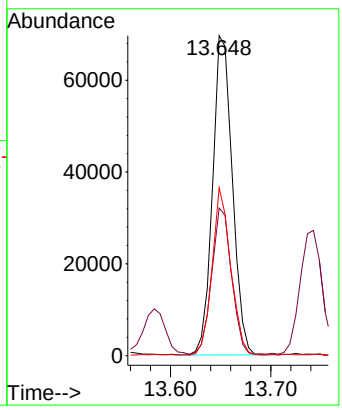


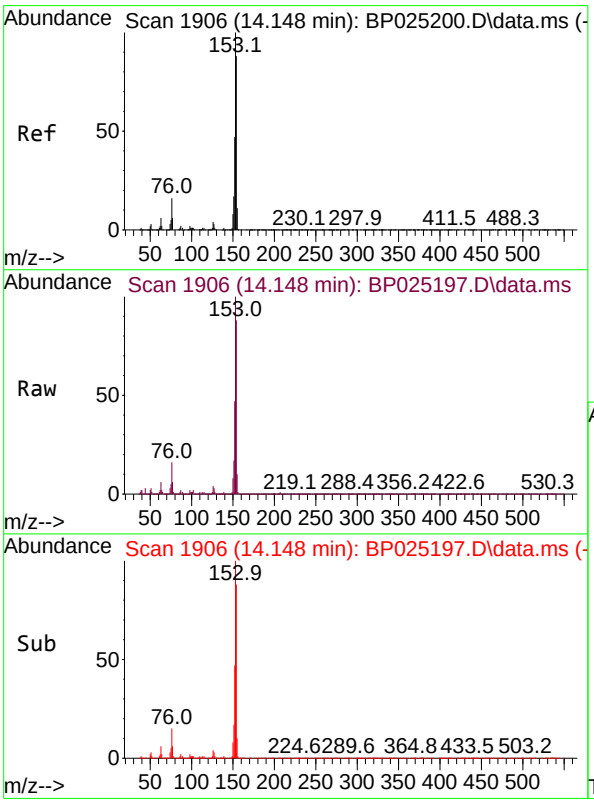

#51
2,6-Dinitrotoluene
Concen: 4.731 ng
RT: 13.648 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:165 Resp: 95645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.1 | 33.4 | 50.2 |
| 89 | 52.4 | 36.3 | 54.5 |

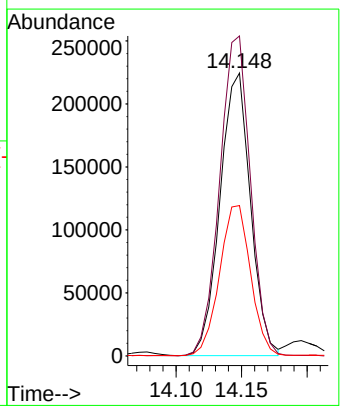


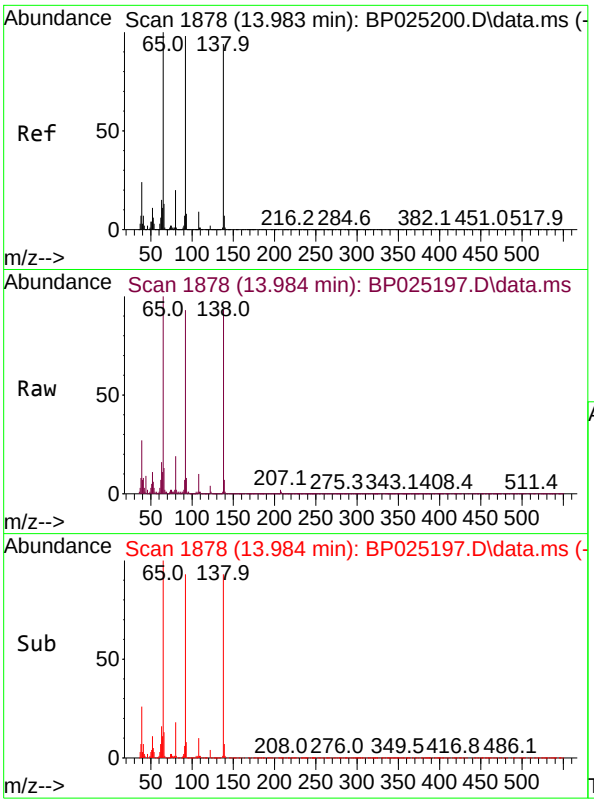




#52
Acenaphthene
Concen: 5.121 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:154 Resp: 362769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.7 | 136.1 |
| 152 | 53.2 | 42.9 | 64.3 |



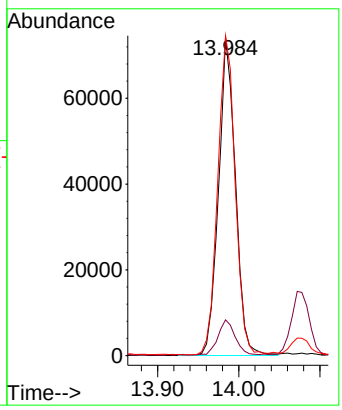


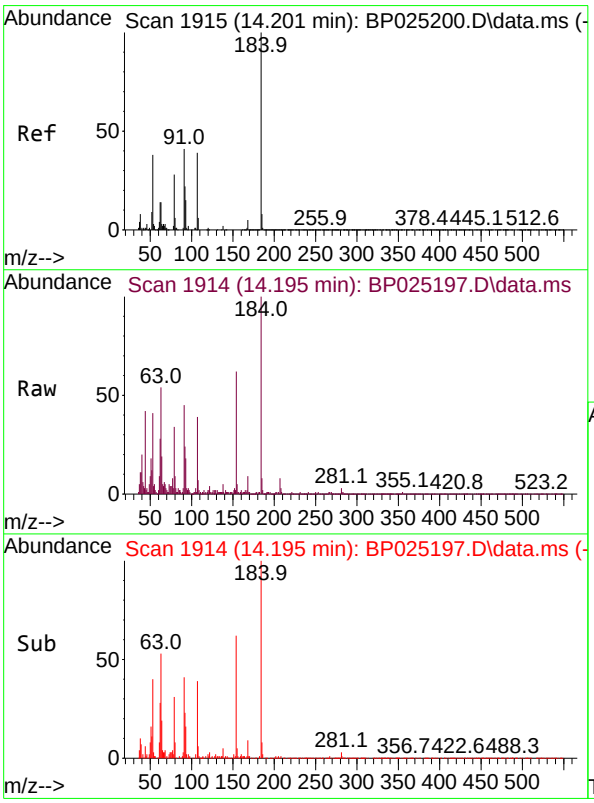

#53
3-Nitroaniline
Concen: 4.706 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:138 Resp: 107353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 7.5 | 11.3 |
| 92 | 100.5 | 83.2 | 124.8 |

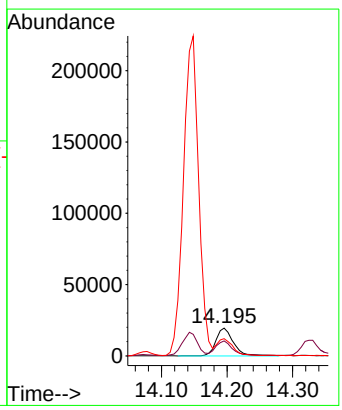


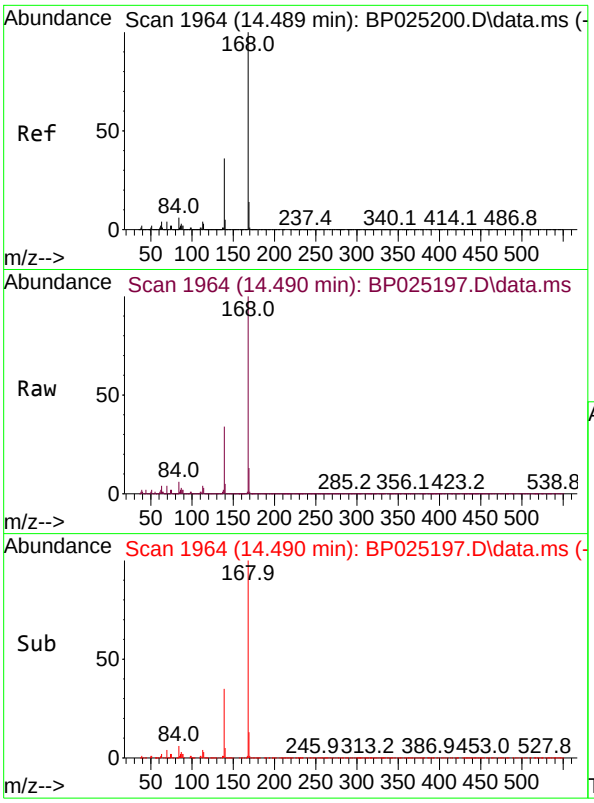




#54
2,4-Dinitrophenol
Concen: 3.178 ng
RT: 14.195 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:184 Resp: 36007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.1 | 41.8 | 62.8 |
| 154 | 62.4 | 45.7 | 68.5 |



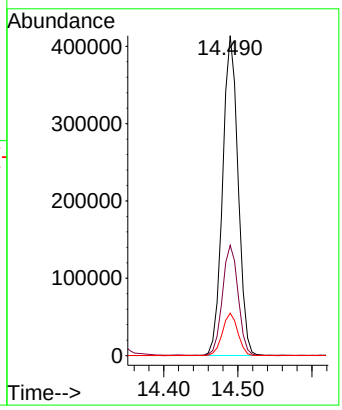


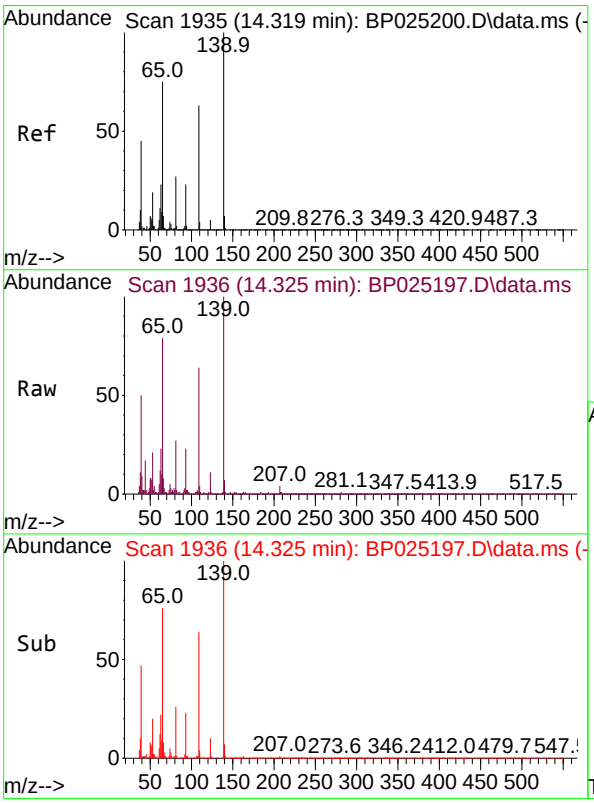

#55
Dibenzofuran
Concen: 5.225 ng
RT: 14.490 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:168 Resp: 599358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.5 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |

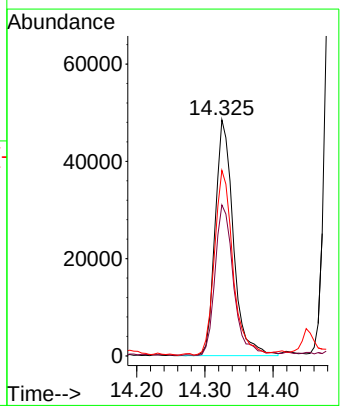


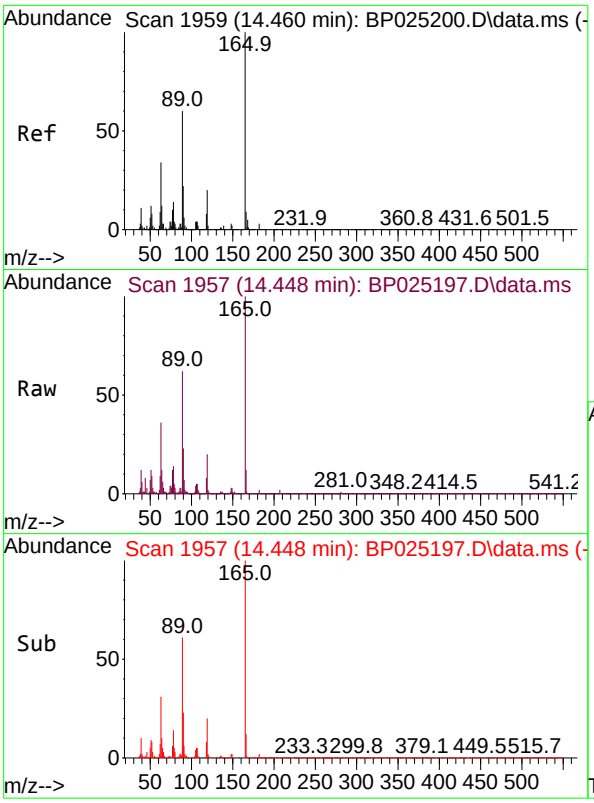




#56
4-Nitrophenol
Concen: 4.587 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:139 Resp: 89182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.9 | 42.6 | 82.6 |
| 65 | 78.5 | 55.4 | 95.4 |



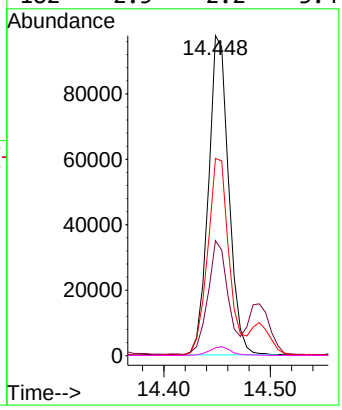


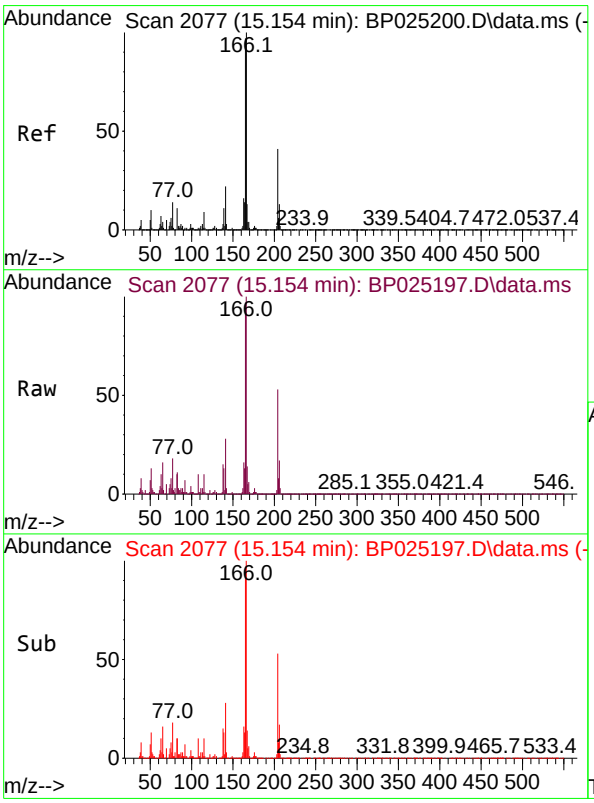

#57
2,4-Dinitrotoluene
Concen: 4.587 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:165 Resp: 129201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.9 | 27.0 | 40.4 |
| 89 | 61.6 | 47.8 | 71.6 |
| 182 | 2.5 | 2.2 | 3.4 |

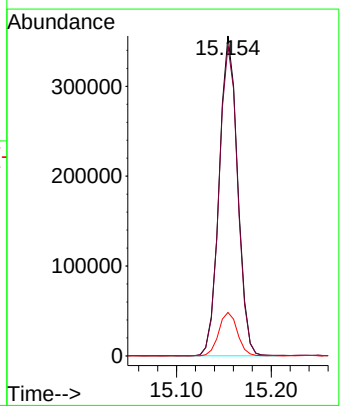


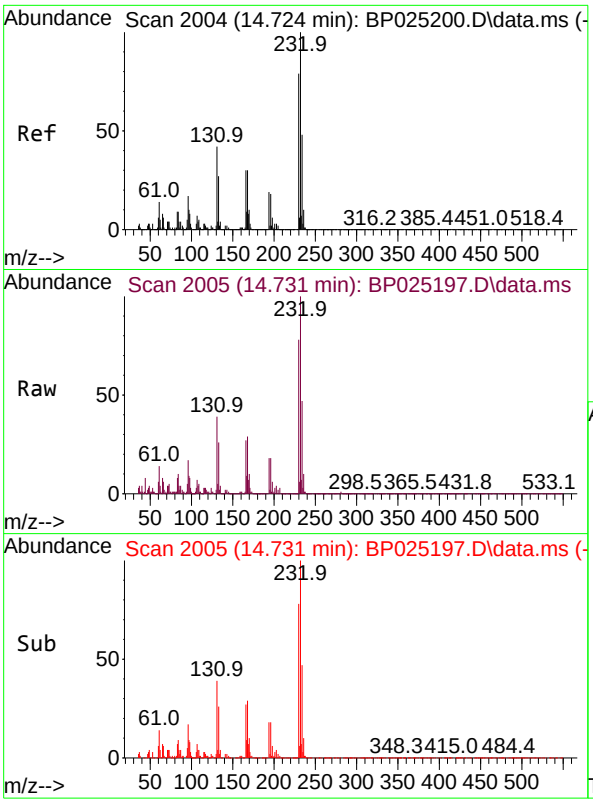




#58
Fluorene
Concen: 5.250 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:166 Resp: 480256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.8 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



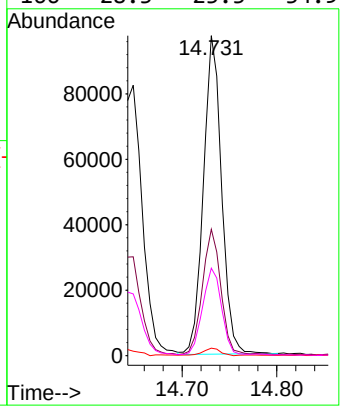


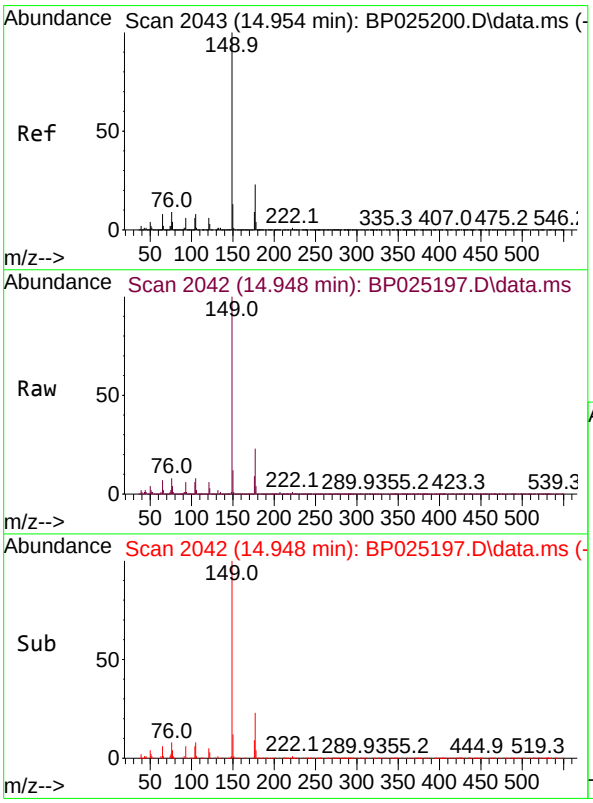

#59
2,3,4,6-Tetrachlorophenol
Concen: 4.967 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:232 Resp: 129817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.0 | 32.6 | 48.8 |
| 130 | 2.2 | 1.6 | 2.4 |
| 166 | 28.3 | 23.3 | 34.9 |

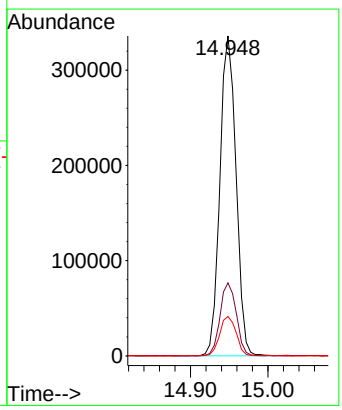


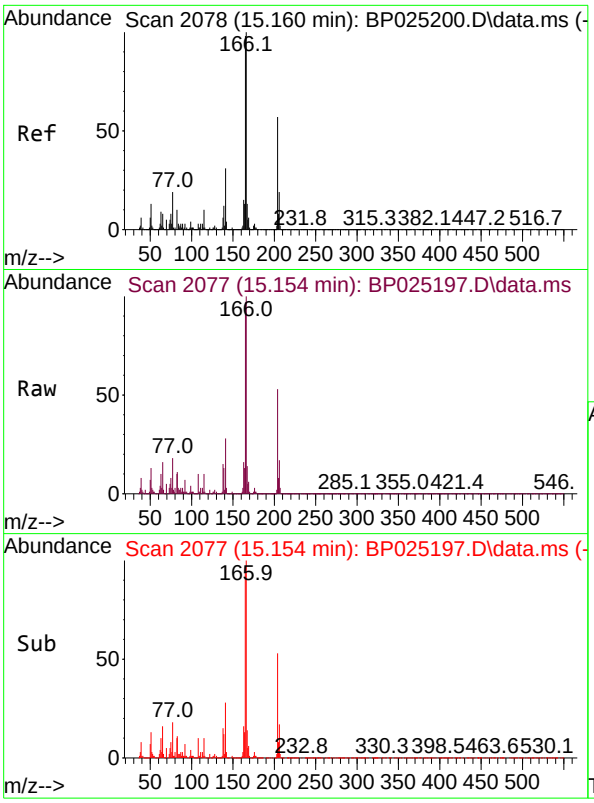




#60
Diethylphthalate
Concen: 5.166 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 487535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.3 | 10.0 | 15.0 |



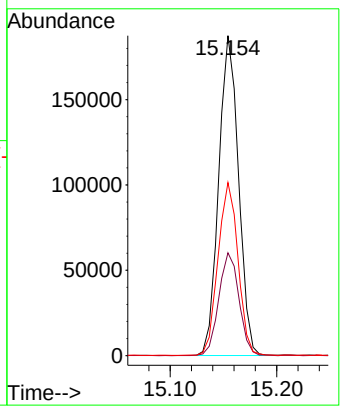


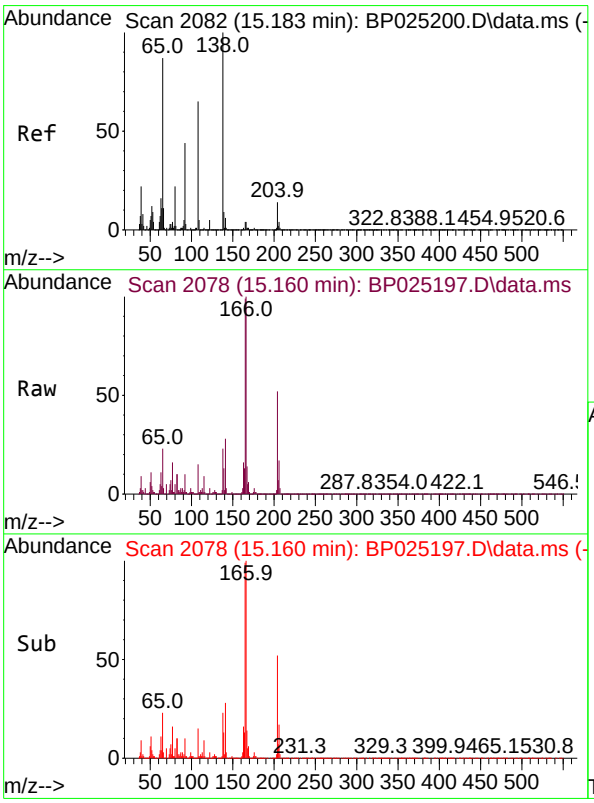

#61
4-Chlorophenyl-phenylether
Concen: 5.269 ng
RT: 15.154 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:204 Resp: 242941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 26.3 | 39.5 |
| 141 | 54.1 | 43.0 | 64.6 |

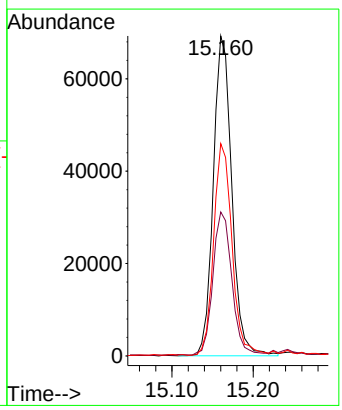


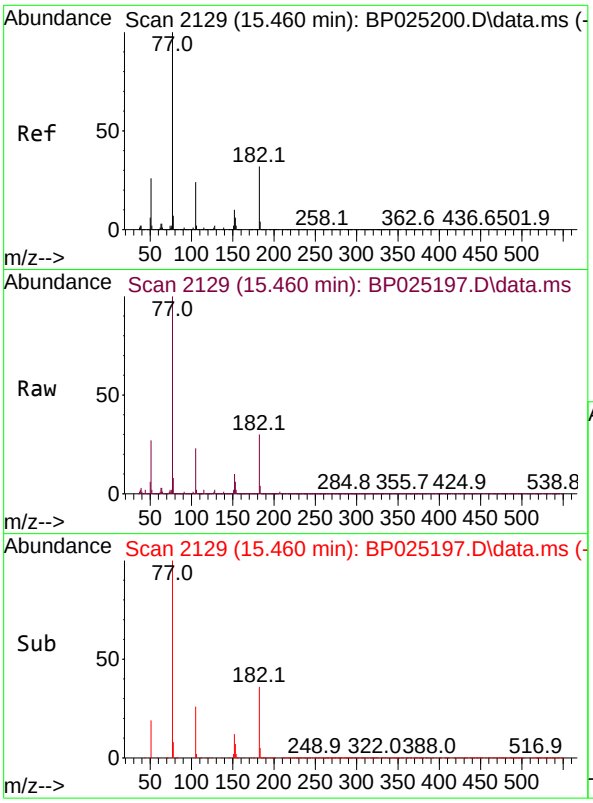




#62
4-Nitroaniline
Concen: 4.709 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.023 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:138 Resp: 109472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.0 | 24.0 | 64.0 |
| 108 | 66.3 | 44.9 | 84.9 |



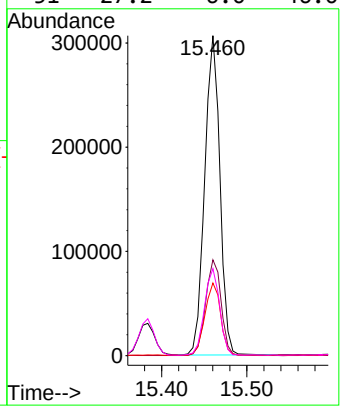


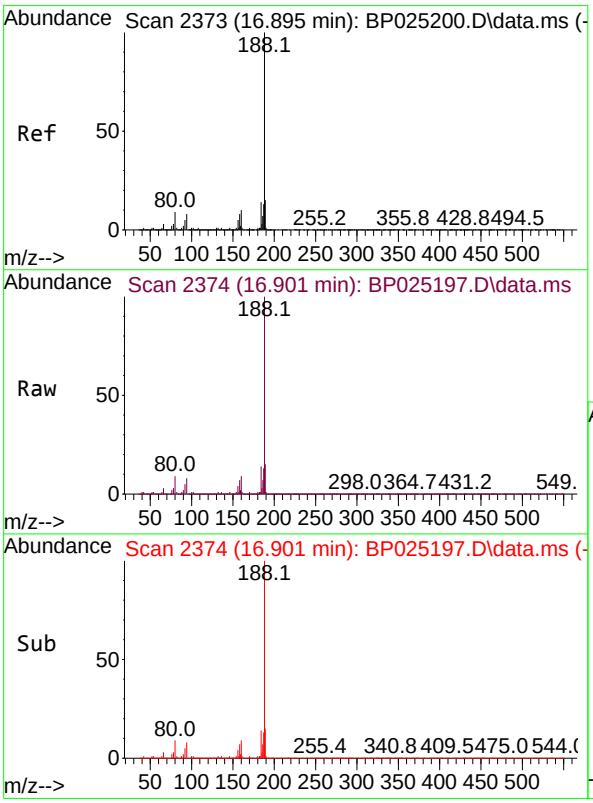

#63
Azobenzene
Concen: 5.004 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 77 Resp: 379326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.9 | 12.0 | 52.0 |
| 105 | 22.7 | 3.6 | 43.6 |
| 51 | 27.2 | 6.0 | 46.0 |

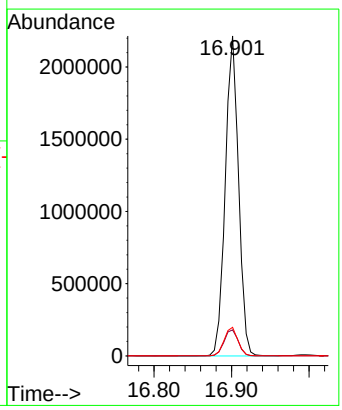


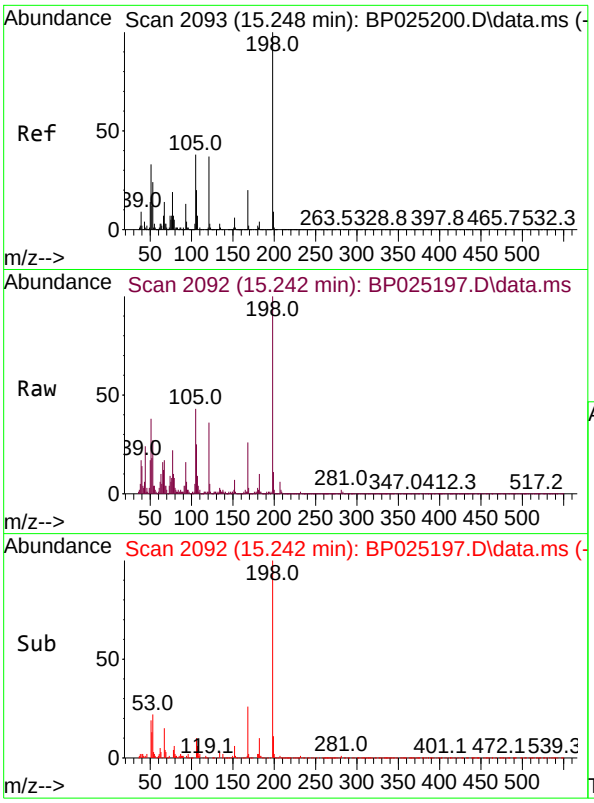




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:188 Resp: 2636351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.8 | 10.2 |
| 80 | 8.9 | 7.3 | 10.9 |



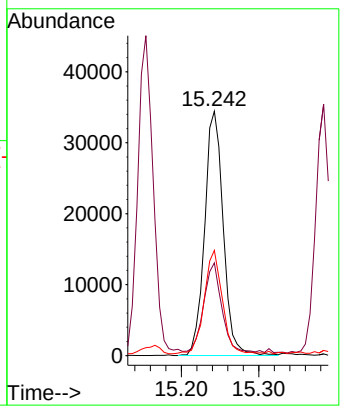


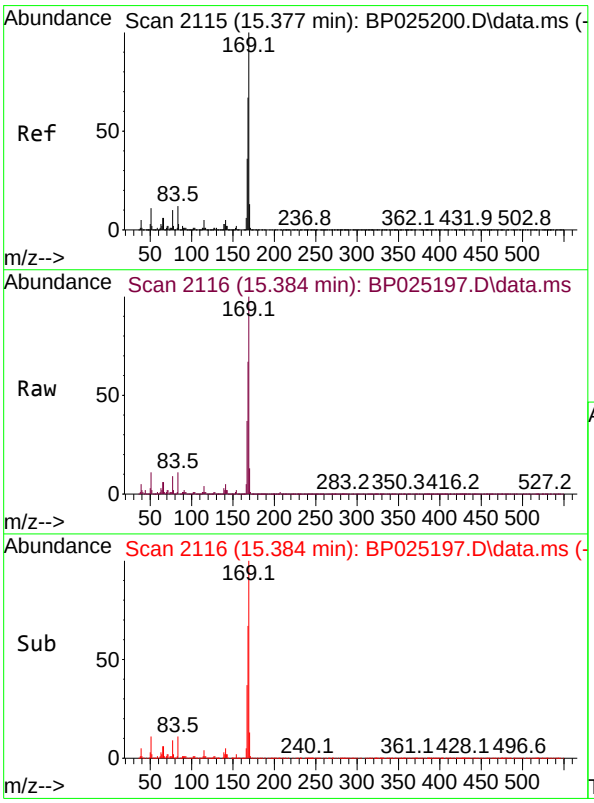

#65
4,6-Dinitro-2-methylphenol
Concen: 3.482 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:198 Resp: 57466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.9 | 14.6 | 54.6 |
| 105 | 43.0 | 18.3 | 58.3 |

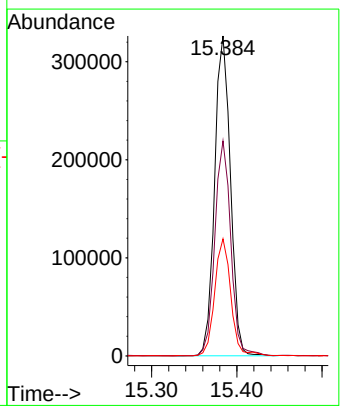


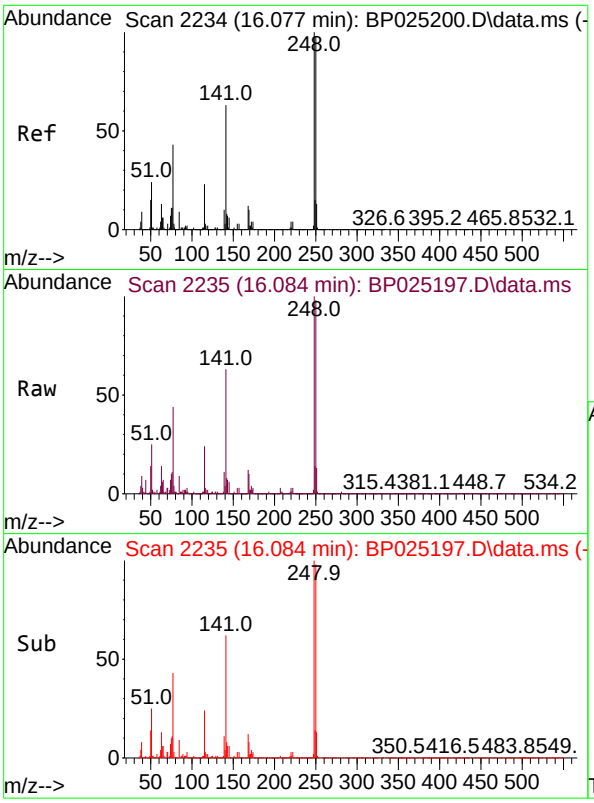




#66
n-Nitrosodiphenylamine
Concen: 5.115 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:169 Resp: 419927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 53.7 | 80.5 |
| 167 | 36.6 | 29.0 | 43.6 |



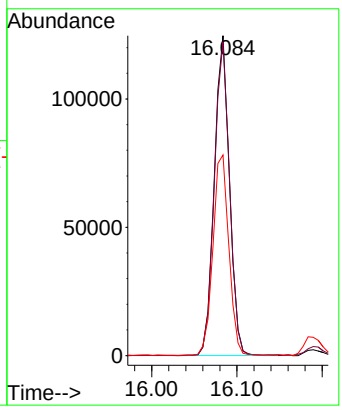


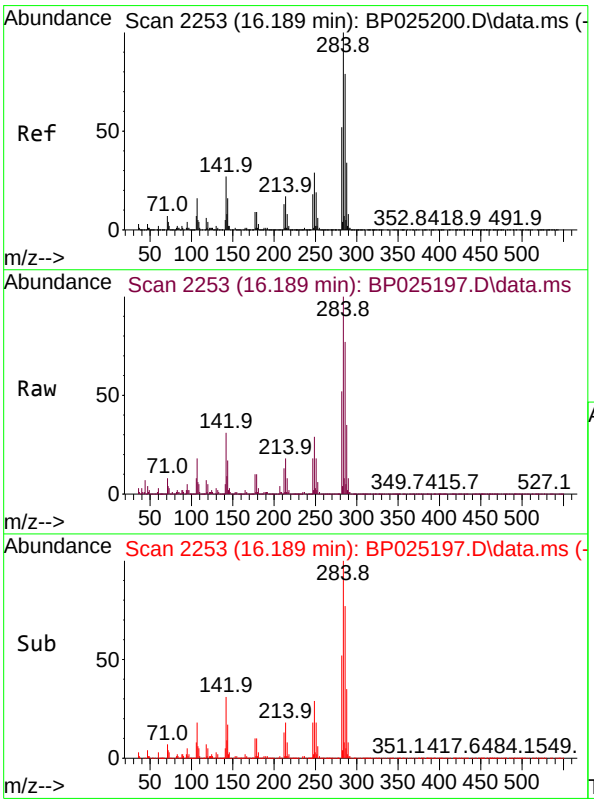

#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:248 Resp: 154137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.1 | 78.5 | 117.7 |
| 141 | 62.7 | 50.5 | 75.7 |

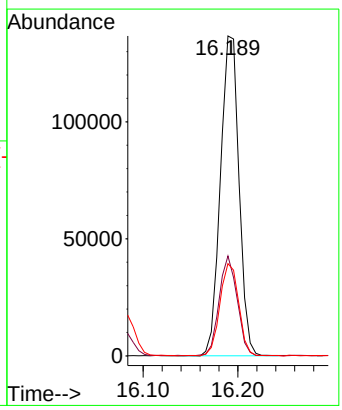


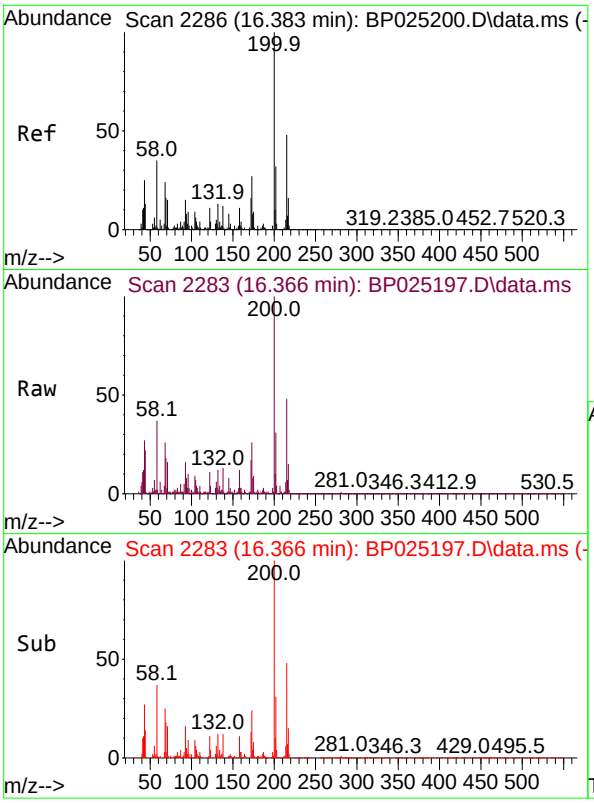




#68
Hexachlorobenzene
Concen: 5.013 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:284 Resp: 186075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.2 | 21.5 | 32.3 |
| 249 | 28.9 | 23.4 | 35.0 |



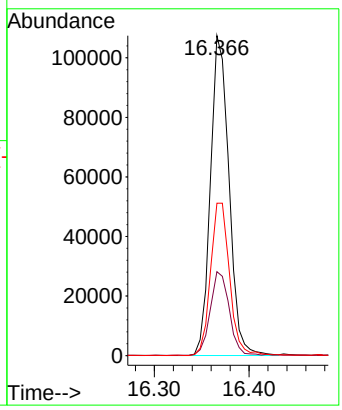


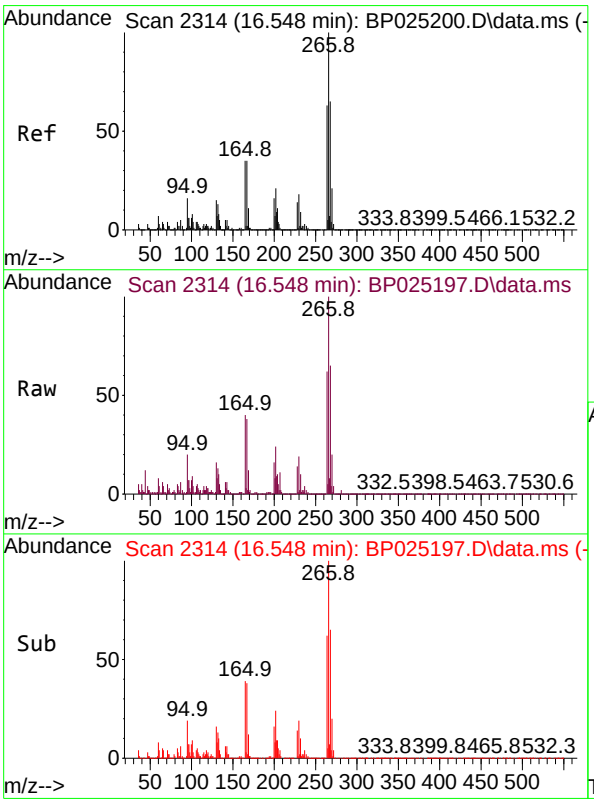

#69
Atrazine
Concen: 4.896 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:200 Resp: 146525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 47.6 | 28.5 | 68.5 |

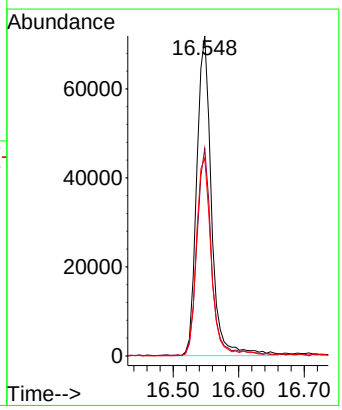


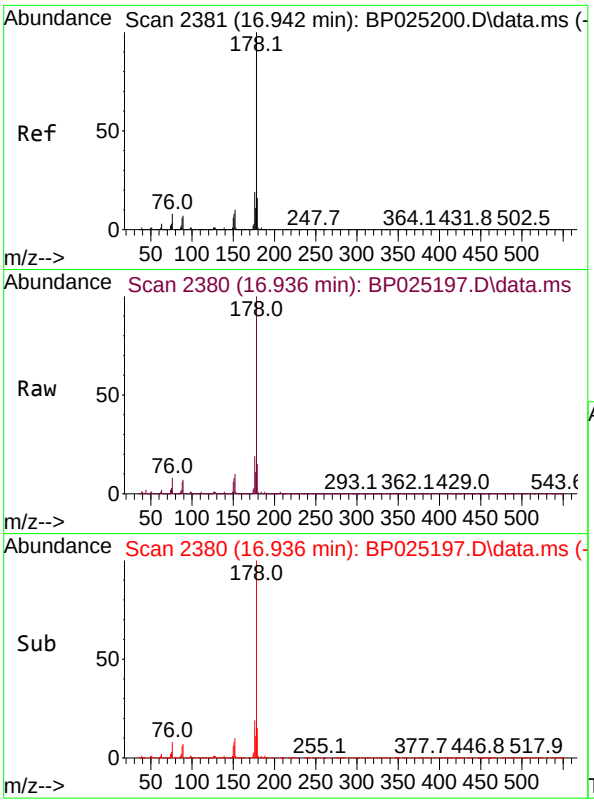




#70
Pentachlorophenol
Concen: 4.533 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:266 Resp: 111990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.8 | 51.8 | 77.6 |
| 264 | 61.8 | 50.3 | 75.5 |



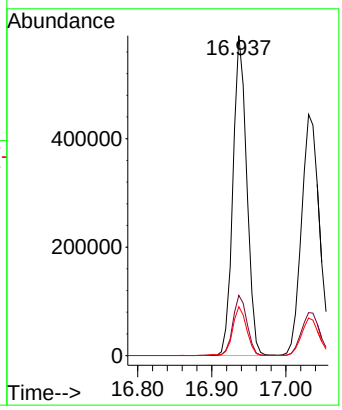


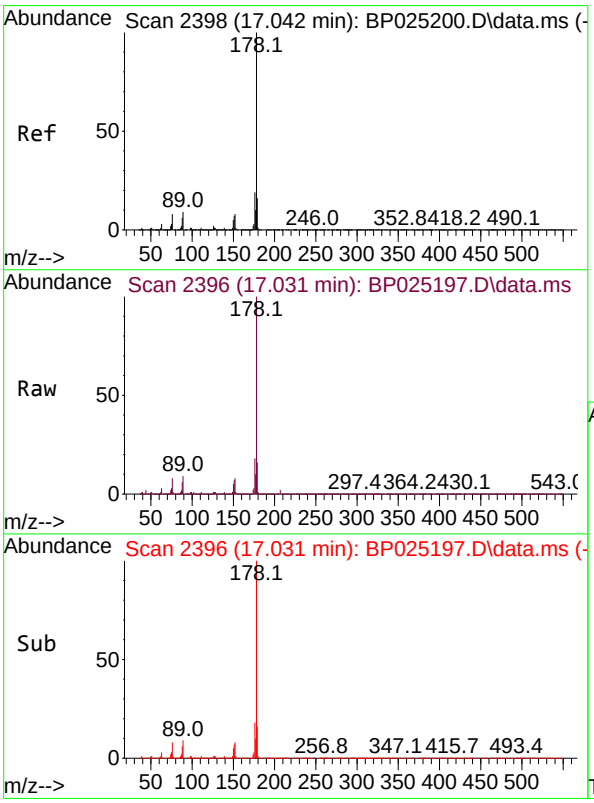

#71
Phenanthrene
Concen: 5.196 ng
RT: 16.936 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:178 Resp: 763302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.6 | 23.4 |
| 179 | 15.3 | 12.5 | 18.7 |

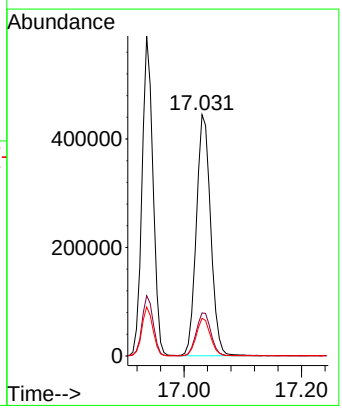


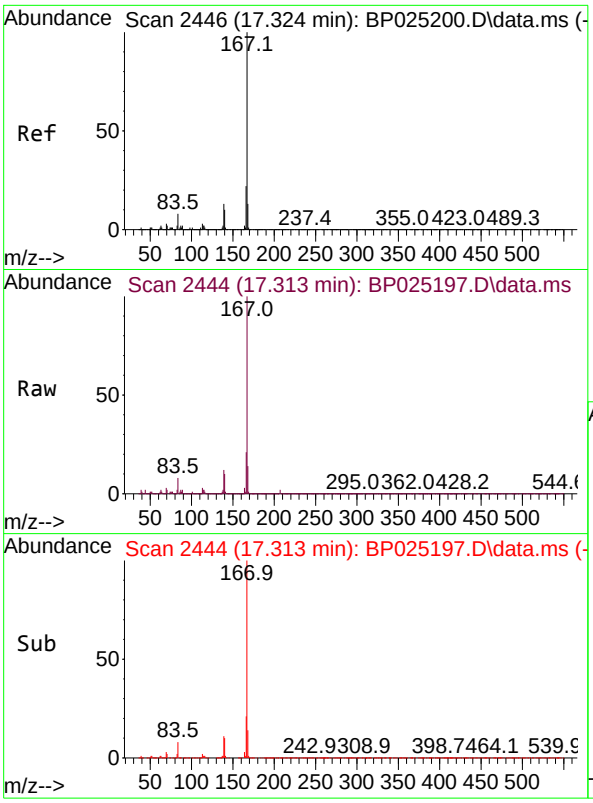




#72
Anthracene
Concen: 5.040 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:178 Resp: 751628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 15.0 | 22.4 |
| 179 | 15.6 | 12.5 | 18.7 |



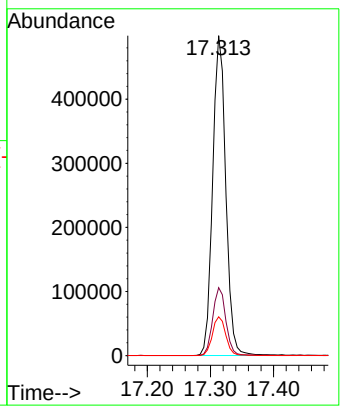


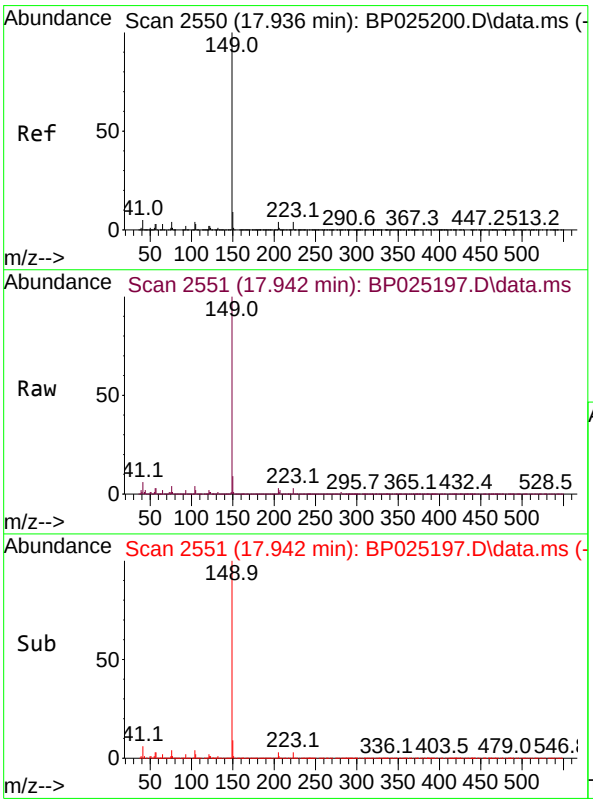

#73
Carbazole
Concen: 5.085 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:167 Resp: 721457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 17.3 | 25.9 |
| 139 | 12.1 | 10.1 | 15.1 |

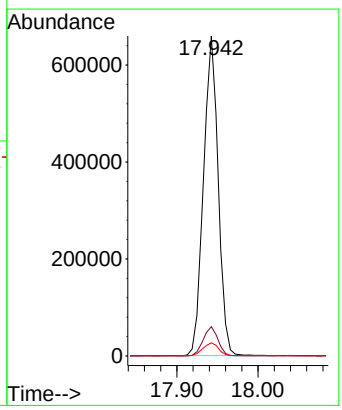


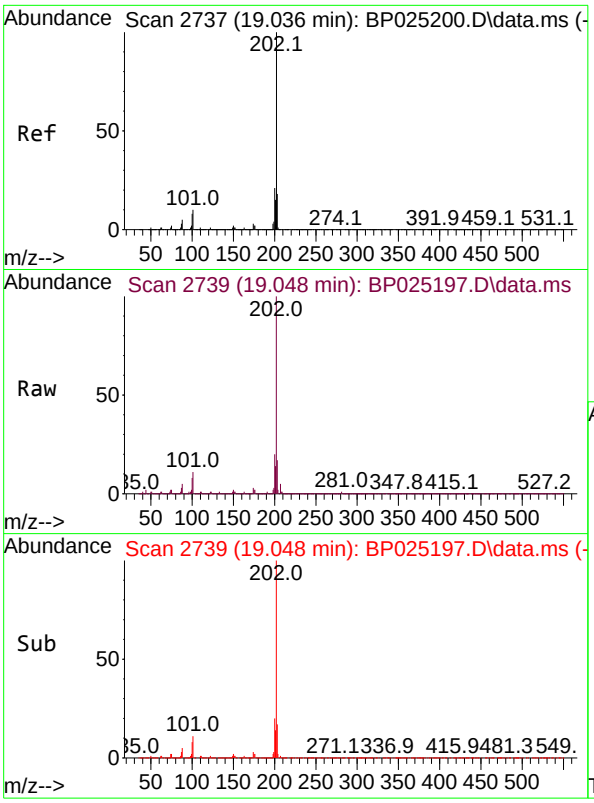




#74
Di-n-butylphthalate
Concen: 5.006 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 832835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.6 | 11.4 |
| 104 | 4.1 | 3.5 | 5.3 |



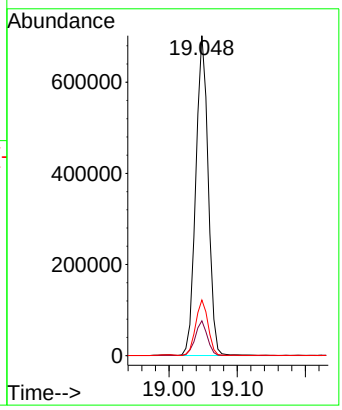


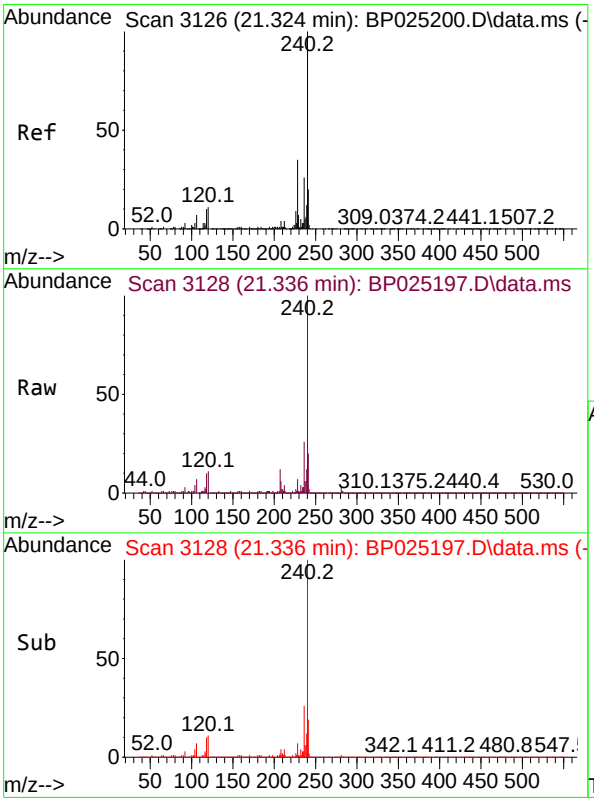

#75
Fluoranthene
Concen: 5.122 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:202 Resp: 889535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.3 |
| 203 | 17.4 | 0.0 | 38.0 |

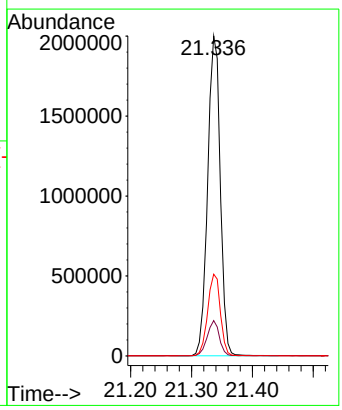


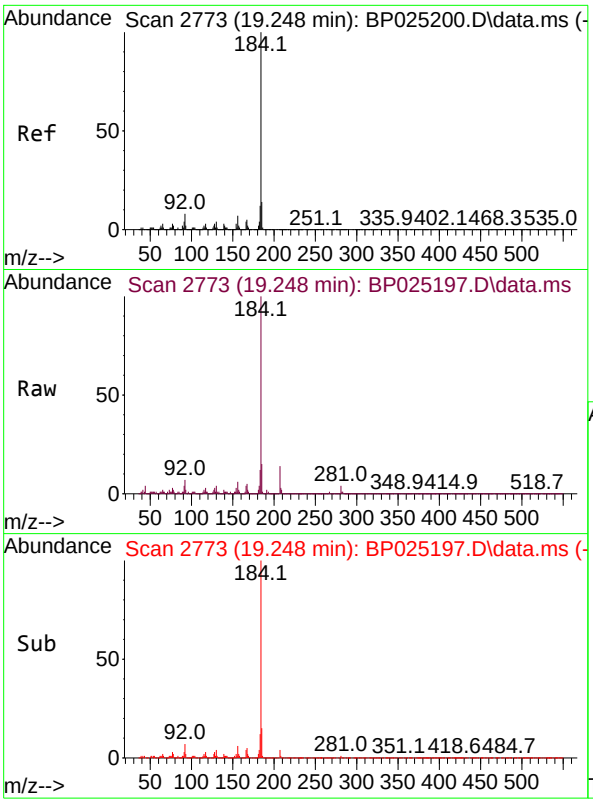




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:240 Resp: 2873366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |



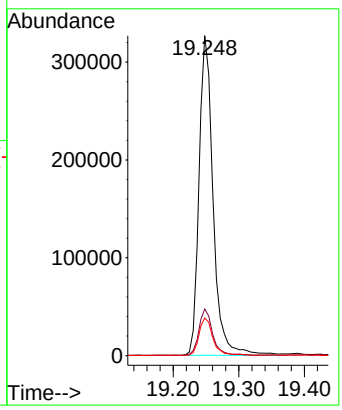


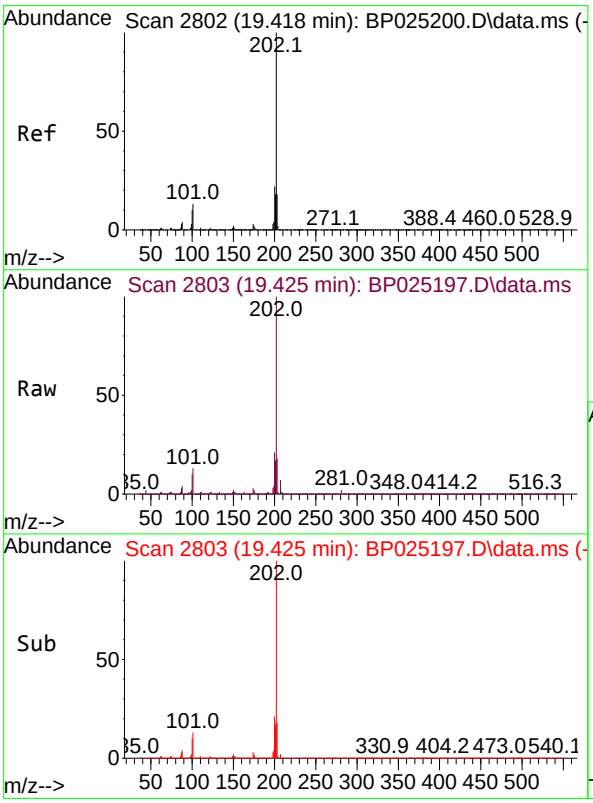

#77
Benzidine
Concen: 4.417 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:184 Resp: 484809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.5 | 17.3 |
| 183 | 11.7 | 9.6 | 14.4 |

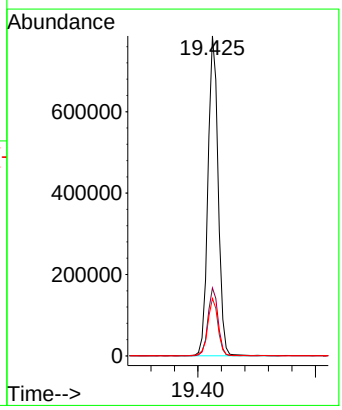


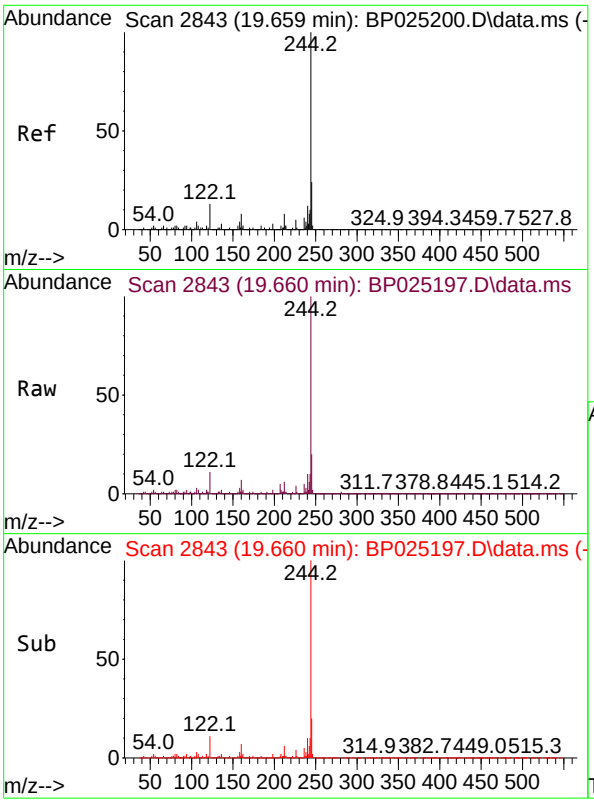




#78
Pyrene
Concen: 5.177 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:202 Resp: 945415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |



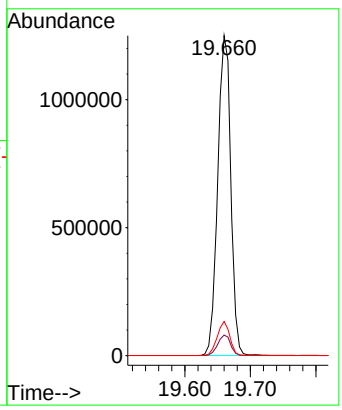


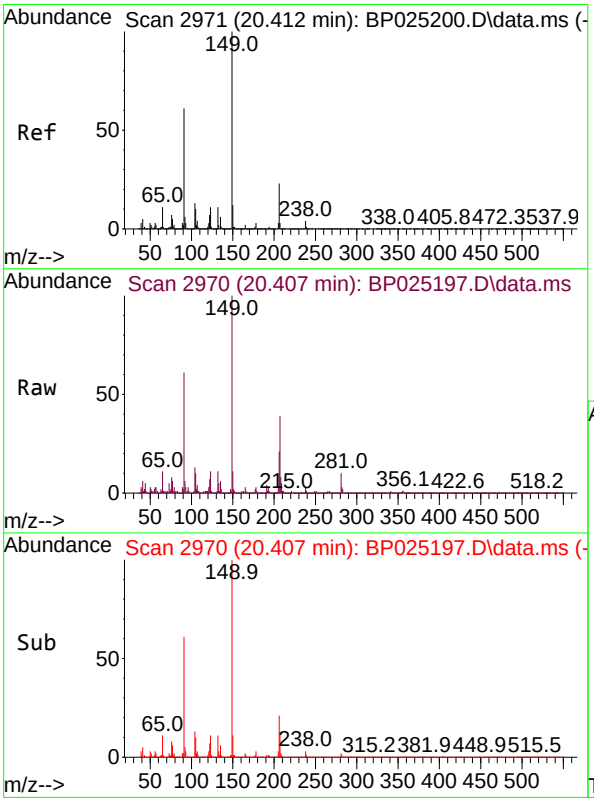

#79
Terphenyl-d14
Concen: 11.285 ng
RT: 19.660 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:244 Resp: 1736355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 6.6 | 9.8# |
| 122 | 10.7 | 10.3 | 15.5 |

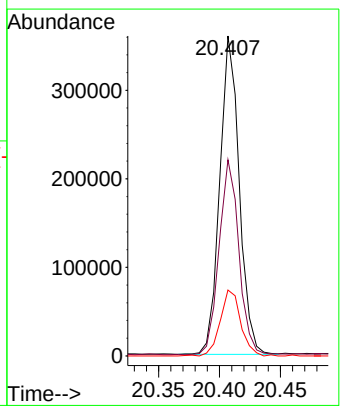


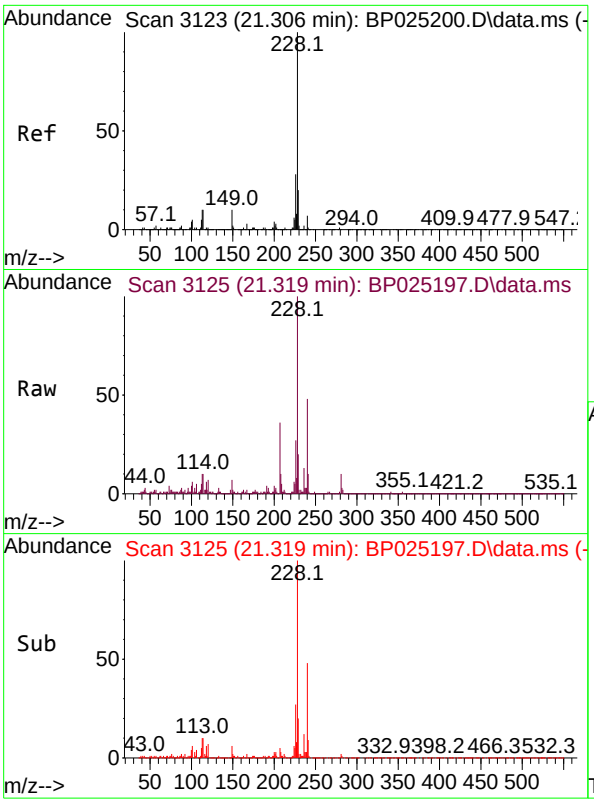




#80
Butylbenzylphthalate
Concen: 4.973 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 400726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.3 | 48.8 | 73.2 |
| 206 | 20.6 | 18.4 | 27.6 |



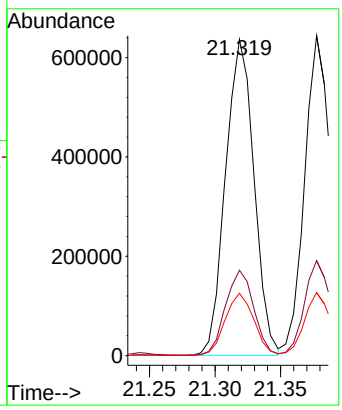


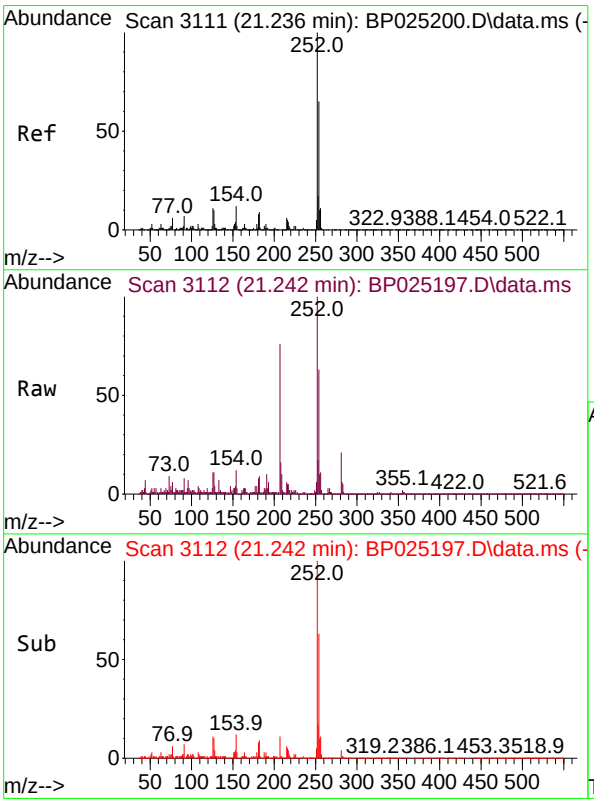

#81
Benzo(a)anthracene
Concen: 5.147 ng
RT: 21.319 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 961933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 22.3 | 33.5 |
| 229 | 19.7 | 16.2 | 24.2 |

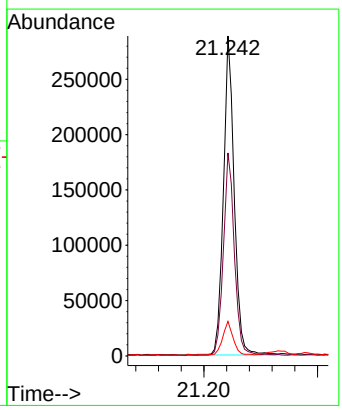


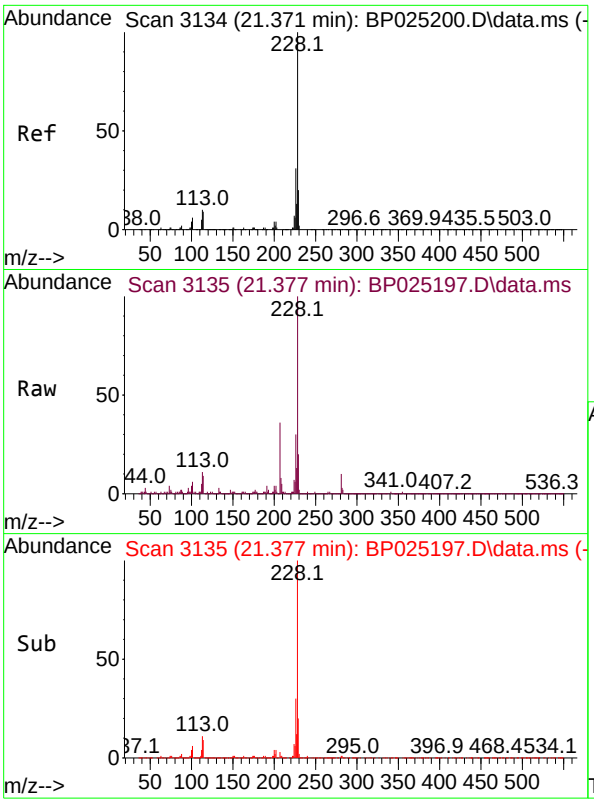




#82
3,3'-Dichlorobenzidine
Concen: 4.955 ng
RT: 21.242 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 379737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.4 | 52.1 | 78.1 |
| 126 | 10.8 | 8.6 | 12.8 |



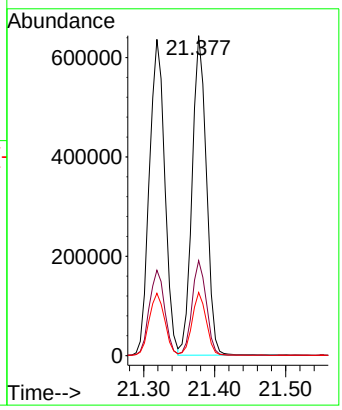


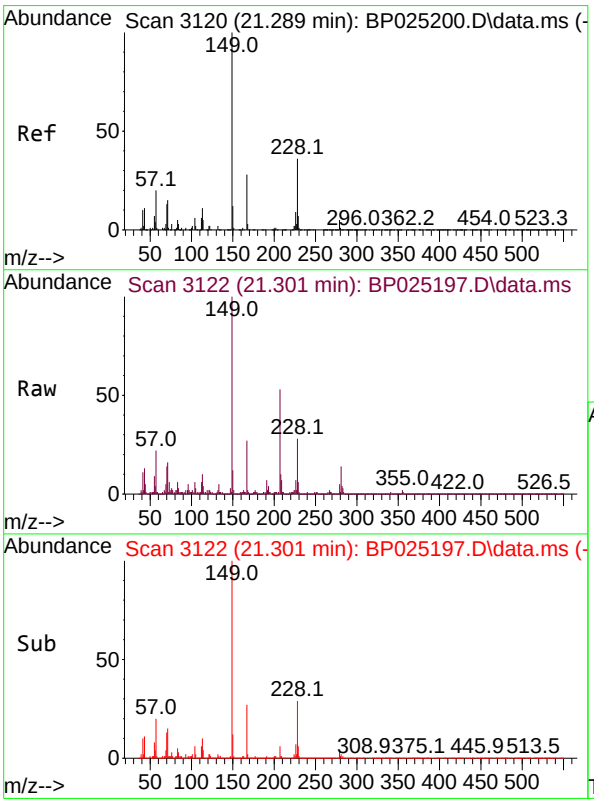

#83
Chrysene
Concen: 5.166 ng
RT: 21.377 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 900450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.6 | 37.0 |
| 229 | 19.7 | 16.0 | 24.0 |

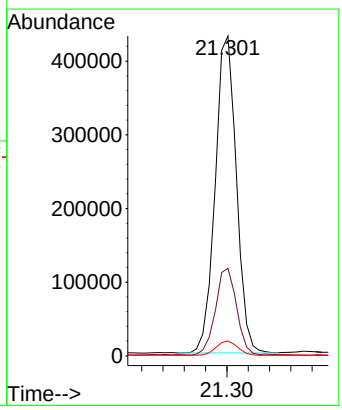


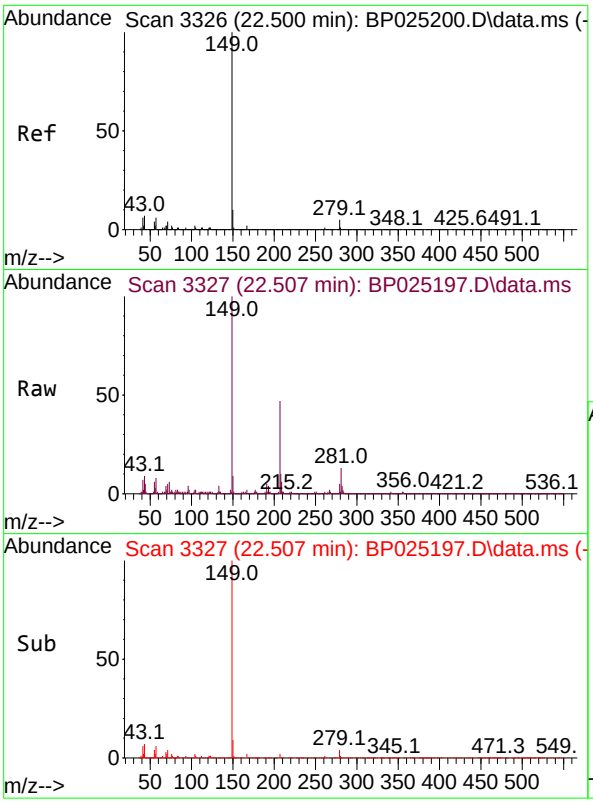




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.064 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:149 Resp: 594951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |



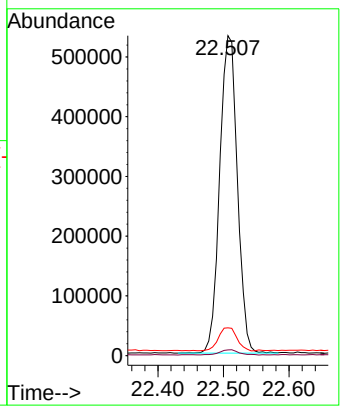


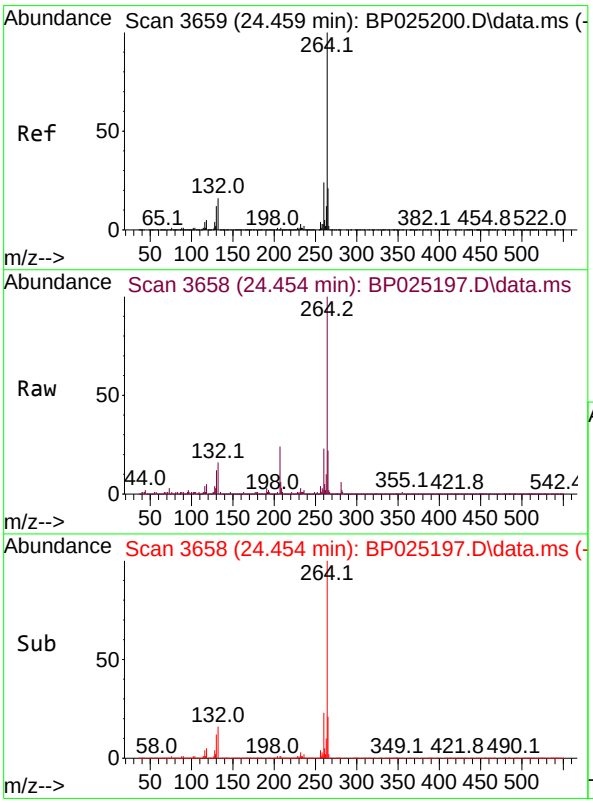

#85
Di-n-octyl phthalate
Concen: 4.872 ng
RT: 22.507 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 997628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 7.5 | 6.1 | 9.1 |

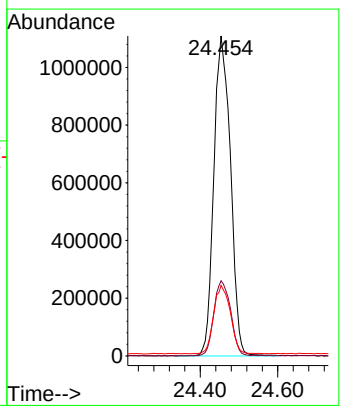


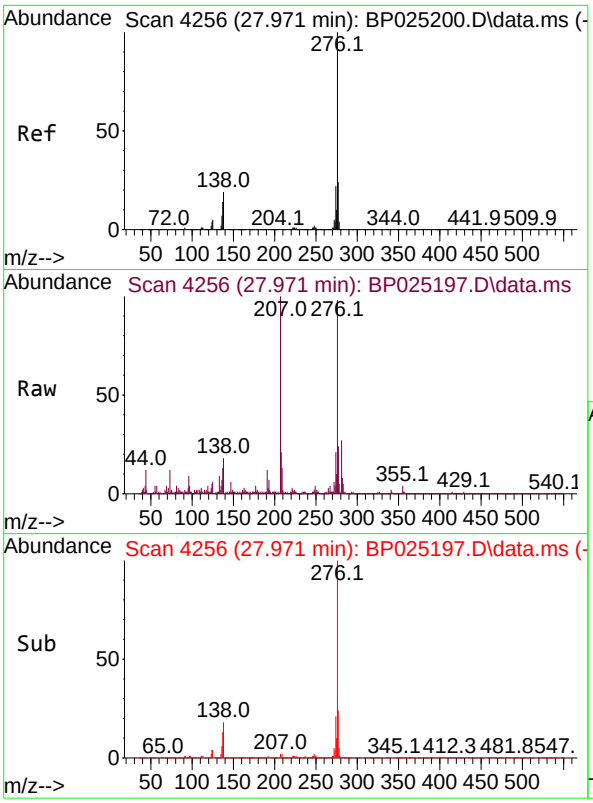




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:264 Resp: 3311045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |



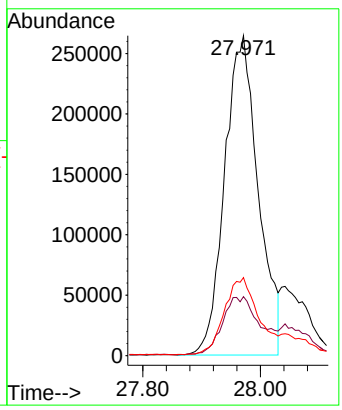


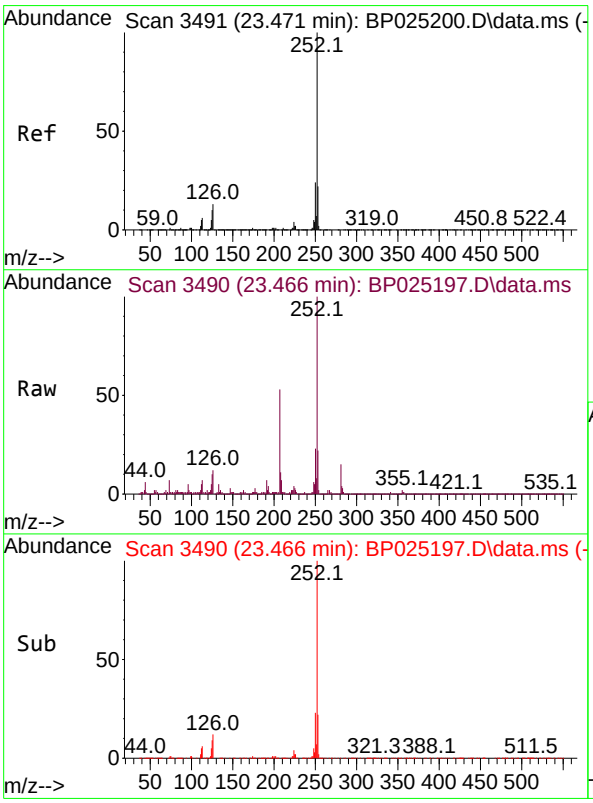

#87
Indeno(1,2,3-cd)pyrene
Concen: 4.319 ng
RT: 27.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:276 Resp: 1051142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.7 | 12.8 | 19.2# |
| 277 | 24.5 | 20.3 | 30.5 |

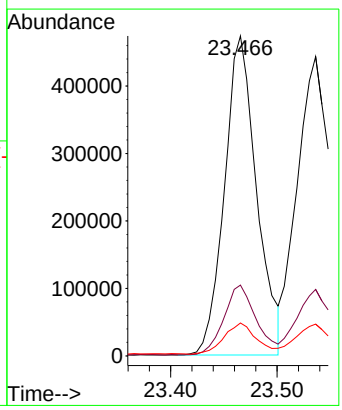


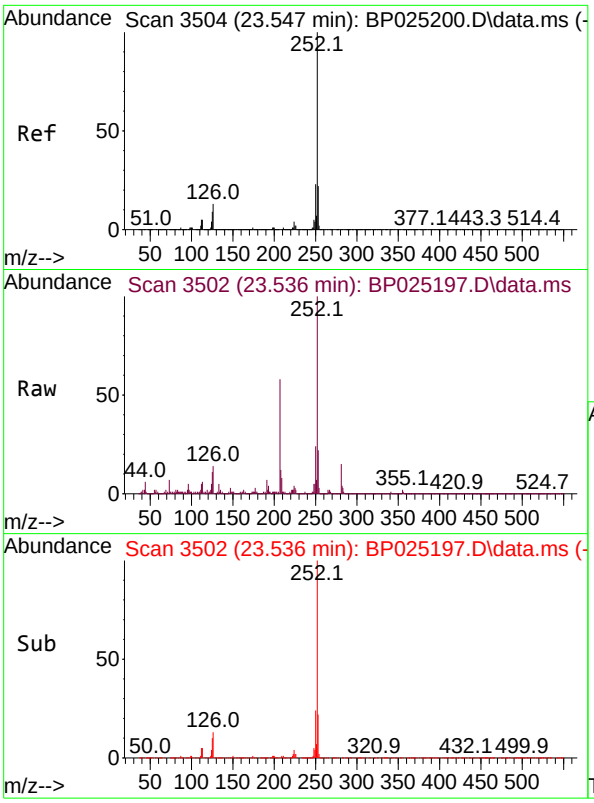




#88
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 23.466 min Scan# 3490
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 993434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 10.3 | 7.8 | 11.8 |



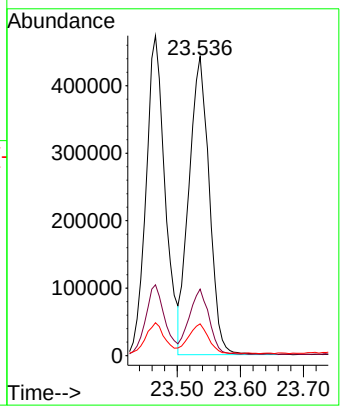


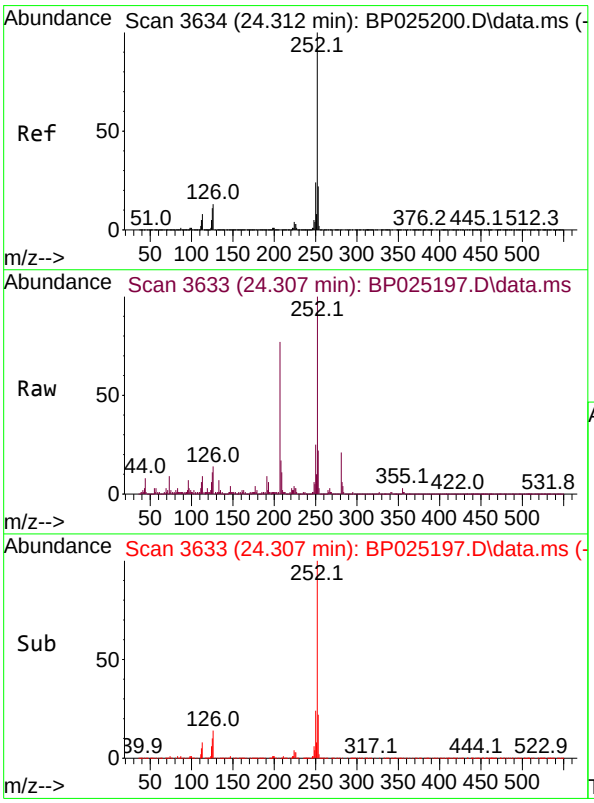

#89
Benzo(k)fluoranthene
Concen: 5.140 ng
RT: 23.536 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:252 Resp: 985473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.6 | 7.5 | 11.3 |

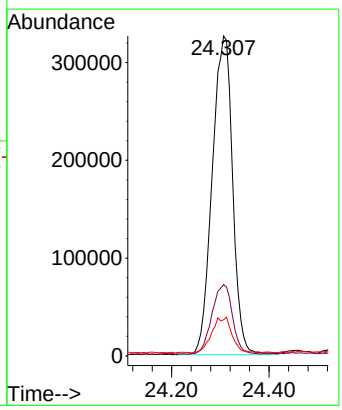


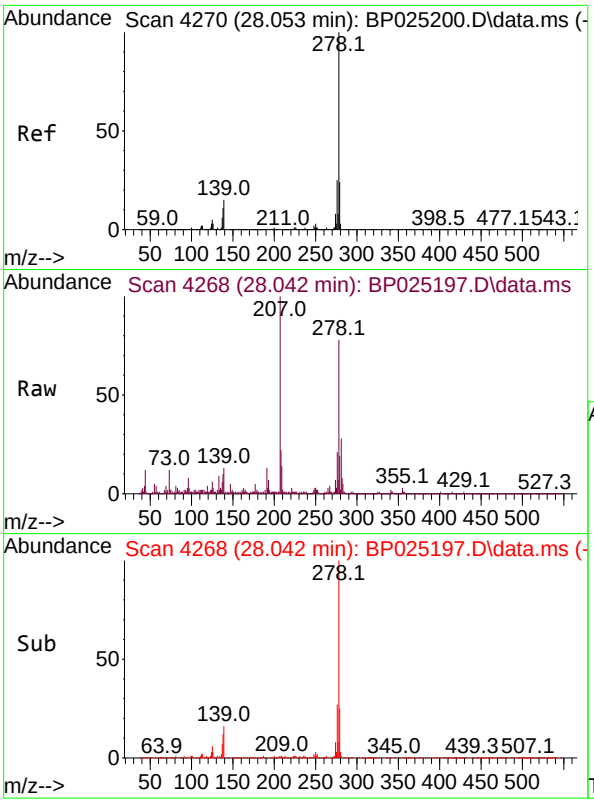




#90
Benzo(a)pyrene
Concen: 5.054 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:252 Resp: 947324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |



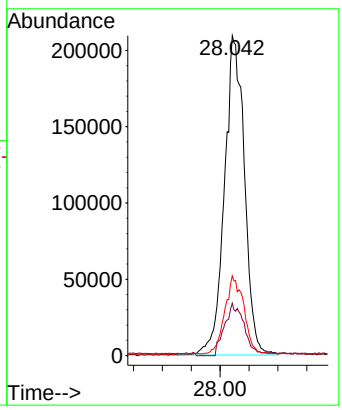


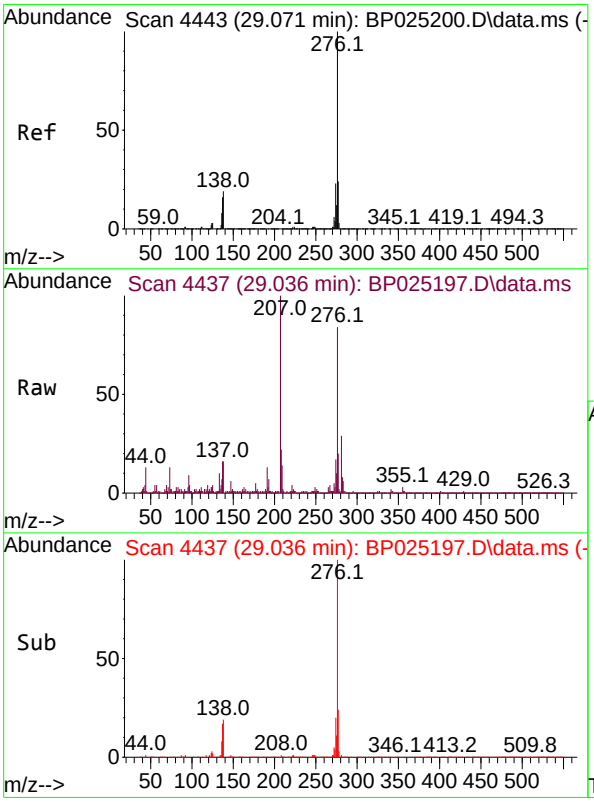

#91
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 28.042 min Scan# 4
Delta R.T. -0.011 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:278 Resp: 1006331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.4 | 12.0 | 18.0 |
| 279 | 24.9 | 19.5 | 29.3 |

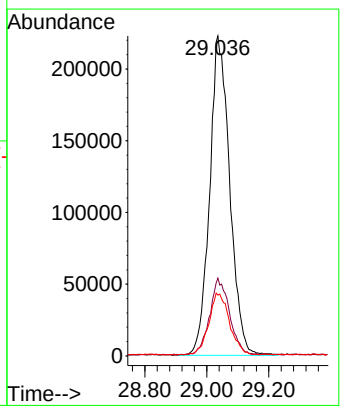



#92
Benzo(g,h,i)perylene
Concen: 5.127 ng
RT: 29.036 min Scan# 4437
Delta R.T. -0.035 min
Lab File: BP025197.D
Acq: 21 Jul 2025 15:06

Tgt Ion:276 Resp: 1002521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 19.0 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 613538 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2516404 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.072 | 164 | 1604001 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3210937 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 3337112 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.465 | 264 | 3976559 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 3807103 | 103.663 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4736983 | 104.474 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 4781399 | 104.177 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2533319 | 106.212 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 11917555 | 98.364 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.654 | 244 | 16139665 | 90.322 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 713110 | 51.665 | ng | | 99 |
| 3) Pyridine | 3.490 | 79 | 1930182 | 52.798 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 770132 | 53.378 | ng | | 97 |
| 6) Aniline | 6.778 | 93 | 3124470 | 52.991 | ng | | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 2180013 | 52.755 | ng | | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 1896798 | 58.538 | ng | | 99 |
| 10) Phenol | 6.660 | 94 | 2474823 | 52.755 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1906690 | 52.936 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 2422569 | 51.674 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 2458987 | 51.975 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 2365873 | 52.043 | ng | | 99 |
| 15) Benzyl Alcohol | 7.666 | 79 | 1722446 | 52.999 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 2446484 | 52.952 | ng | | 100 |
| 17) 2-Methylphenol | 7.878 | 107 | 1733573 | 53.427 | ng | | 100 |
| 18) Hexachloroethane | 8.484 | 117 | 853688 | 52.844 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1455206 | 53.253 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 2375514 | 53.601 | ng | | 99 |
| 22) Acetophenone | 8.237 | 105 | 3084434 | 51.751 | ng | # | 98 |
| 24) Nitrobenzene | 8.602 | 77 | 2126232 | 52.274 | ng | | 97 |
| 25) Isophorone | 9.125 | 82 | 4172561 | 51.908 | ng | | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 1267530 | 55.364 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 2063358 | 52.940 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.607 | 93 | 2625875 | 52.034 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 2113695 | 52.875 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 2270580 | 51.620 | ng | | 99 |
| 31) Naphthalene | 10.225 | 128 | 6732644 | 51.375 | ng | | 99 |
| 32) Benzoic acid | 9.543 | 122 | 1647738 | 57.886 | ng | | 98 |
| 33) 4-Chloroaniline | 10.331 | 127 | 2986136 | 52.480 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 1366194 | 51.718 | ng | | 100 |
| 35) Caprolactam | 11.137 | 113 | 701610 | 53.331 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 2098032 | 52.551 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 4376533 | 51.634 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 4608074 | 51.546 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 2560877 | 52.721 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 1616183 | 58.674 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1770617 | 53.947 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1918353 | 53.026 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 6024880 | 50.798 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 4722917 | 51.398 | ng | | 99 |
| 48) 2-Nitroaniline | 13.137 | 65 | 1277778 | 55.436 | ng | | 99 |
| 49) Acenaphthylene | 13.790 | 152 | 7853263 | 52.119 | ng | | 99 |
| 50) Dimethylphthalate | 13.548 | 163 | 6045361 | 51.655 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 1345243 | 54.301 | ng | | 100 |
| 52) Acenaphthene | 14.137 | 154 | 4517722 | 52.046 | ng | | 99 |
| 53) 3-Nitroaniline | 13.984 | 138 | 1538228 | 55.030 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.190 | 184 | 845681 | 60.917 | ng | | 98 |
| 55) Dibenzofuran | 14.484 | 168 | 7155195 | 50.912 | ng | | 100 |
| 56) 4-Nitrophenol | 14.319 | 139 | 1296281 | 54.419 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.448 | 165 | 1931788 | 55.973 | ng | | 98 |
| 58) Fluorene | 15.148 | 166 | 5666693 | 50.552 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 1711112 | 53.430 | ng | | 99 |
| 60) Diethylphthalate | 14.948 | 149 | 6032748 | 52.170 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.154 | 204 | 2822385 | 49.953 | ng | | 97 |
| 62) 4-Nitroaniline | 15.172 | 138 | 1557916 | 54.694 | ng | | 99 |
| 63) Azobenzene | 15.454 | 77 | 4887978 | 52.623 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 1165979 | 58.004 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.378 | 169 | 5088804 | 50.889 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1990339 | 52.573 | ng | | 99 |
| 68) Hexachlorobenzene | 16.184 | 284 | 2321405 | 51.350 | ng | | 96 |
| 69) Atrazine | 16.372 | 200 | 1920612 | 52.693 | ng | | 99 |
| 70) Pentachlorophenol | 16.531 | 266 | 1626155 | 54.041 | ng | | 99 |
| 71) Phenanthrene | 16.931 | 178 | 8929922 | 49.912 | ng | | 100 |
| 72) Anthracene | 17.031 | 178 | 9319174 | 51.310 | ng | | 100 |
| 73) Carbazole | 17.307 | 167 | 8838811 | 51.147 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.925 | 149 | 10436099 | 51.501 | ng | | 99 |
| 75) Fluoranthene | 19.036 | 202 | 10486987 | 49.574 | ng | | 99 |
| 77) Benzidine | 19.242 | 184 | 5973577 | 46.861 | ng | | 100 |
| 78) Pyrene | 19.419 | 202 | 10669709 | 50.310 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 4896472 | 52.320 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 11027653 | 50.804 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.236 | 252 | 4590583 | 51.576 | ng | | 100 |
| 83) Chrysene | 21.377 | 228 | 10311953 | 50.942 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.295 | 149 | 7009358 | 51.373 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 12446110 | 52.335 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.989 | 276 | 13365301 | 45.723 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 11802054 | 50.891 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.548 | 252 | 11941338 | 51.862 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 11759136 | 52.237 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.065 | 278 | 12441007 | 51.898 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.077 | 276 | 12183528 | 51.884 | ng | | 98 |

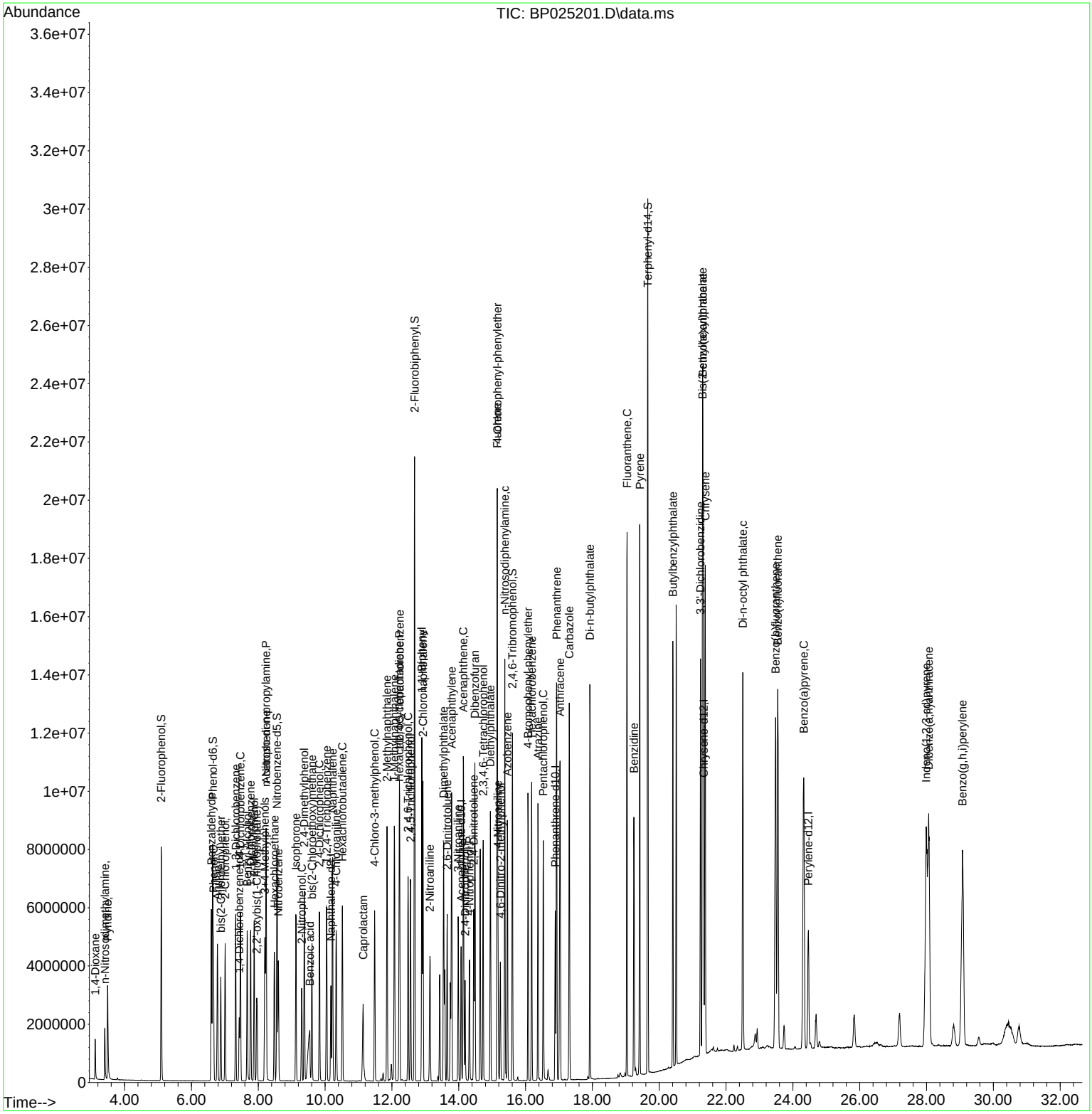
(#) = qualifier out of range (m) = manual integration (+) = signals summed

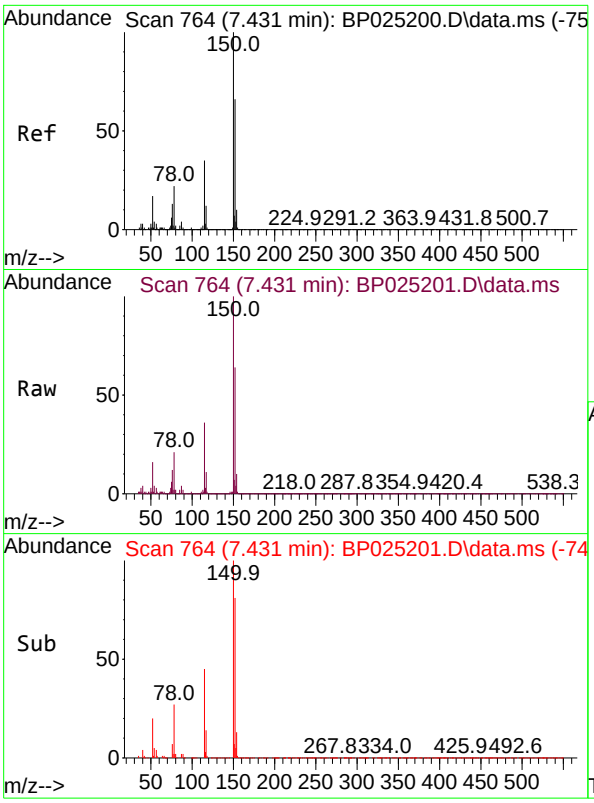
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025201.D
Acq On : 21 Jul 2025 17:51
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Jul 22 02:32:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



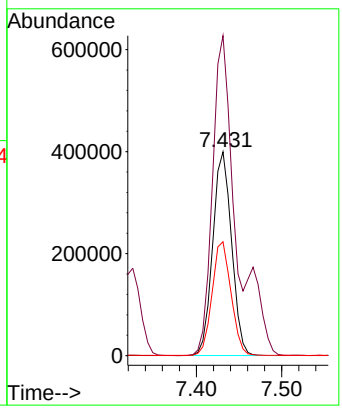


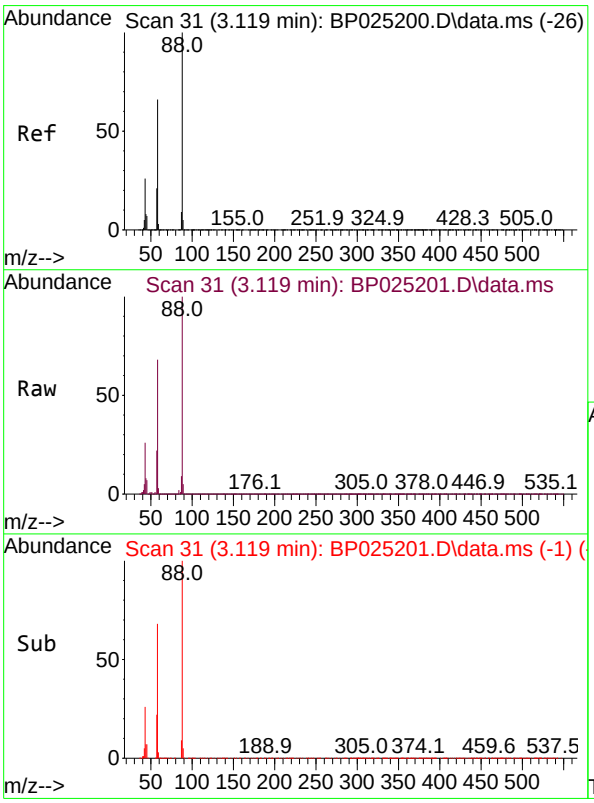

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 613538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 121.9 | 182.9 |
| 115 | 55.8 | 43.0 | 64.6 |

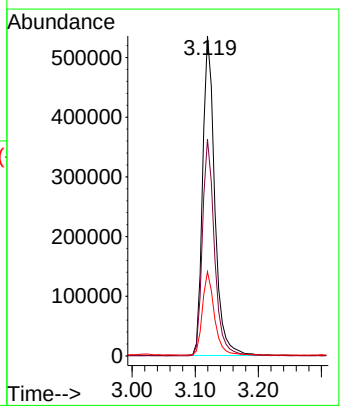


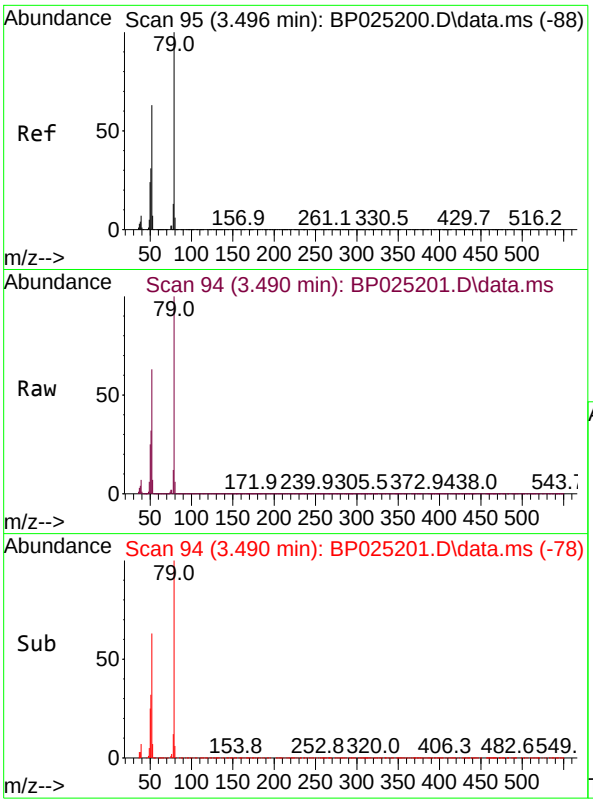




#2
1,4-Dioxane
Concen: 51.665 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 88 Resp: 713110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.7 | 53.5 | 80.3 |
| 43 | 25.8 | 20.8 | 31.2 |



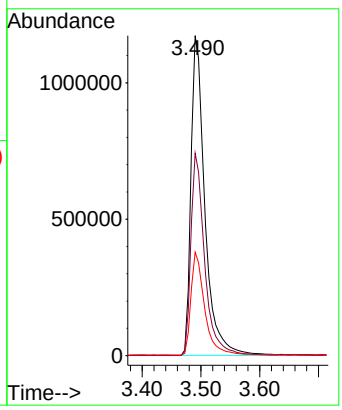


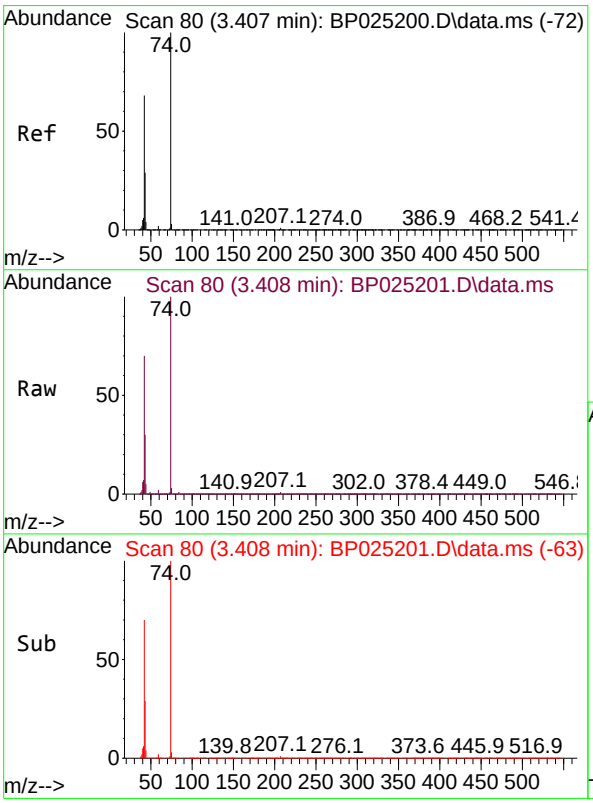

#3
Pyridine
Concen: 52.798 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 1930182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.3 | 50.2 | 75.4 |
| 51 | 32.3 | 25.0 | 37.4 |

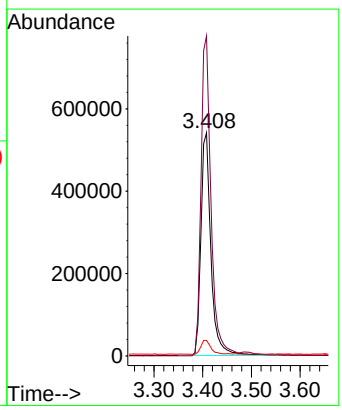


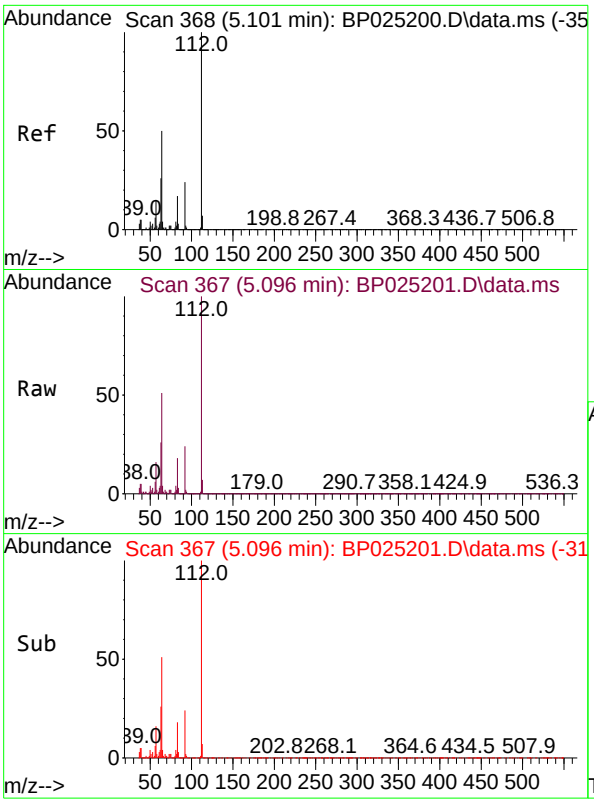




#4
n-Nitrosodimethylamine
Concen: 53.378 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 42 Resp: 770132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.4 | 118.0 | 177.0 |
| 44 | 6.9 | 5.5 | 8.3 |



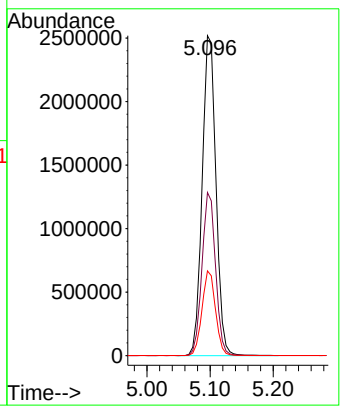


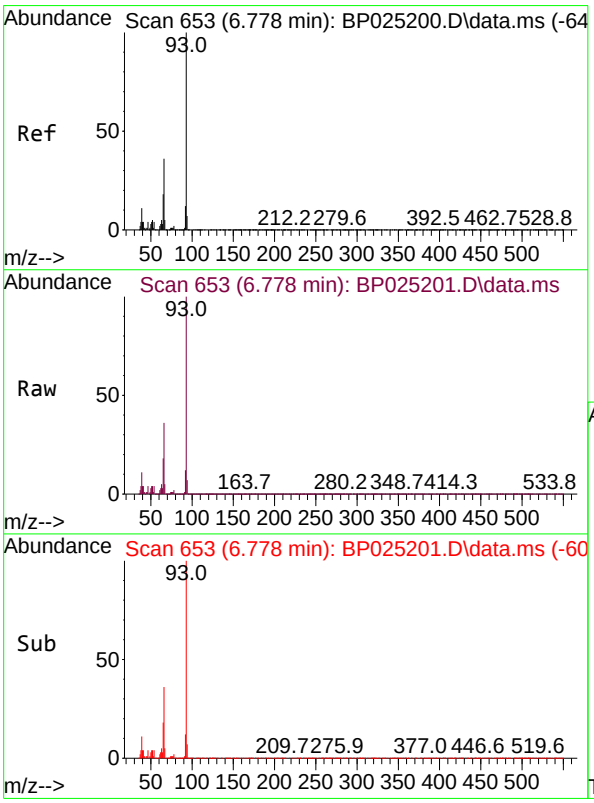

#5
2-Fluorophenol
Concen: 103.663 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:112 Resp: 3807103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.0 | 39.8 | 59.6 |
| 63 | 26.5 | 20.5 | 30.7 |

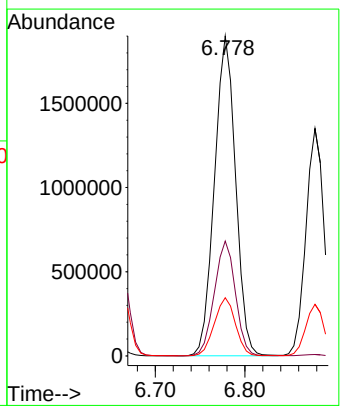


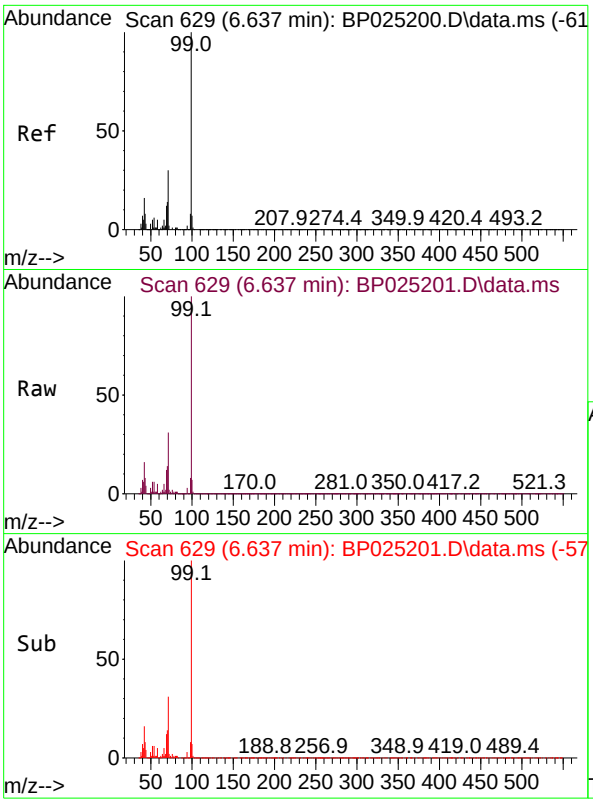




#6
Aniline
Concen: 52.991 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 3124470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.9 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



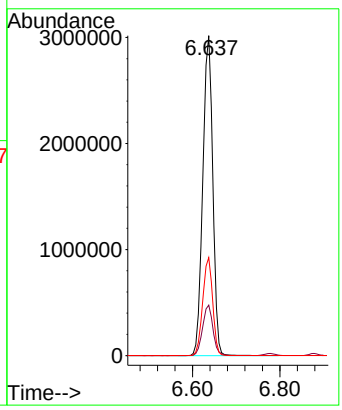


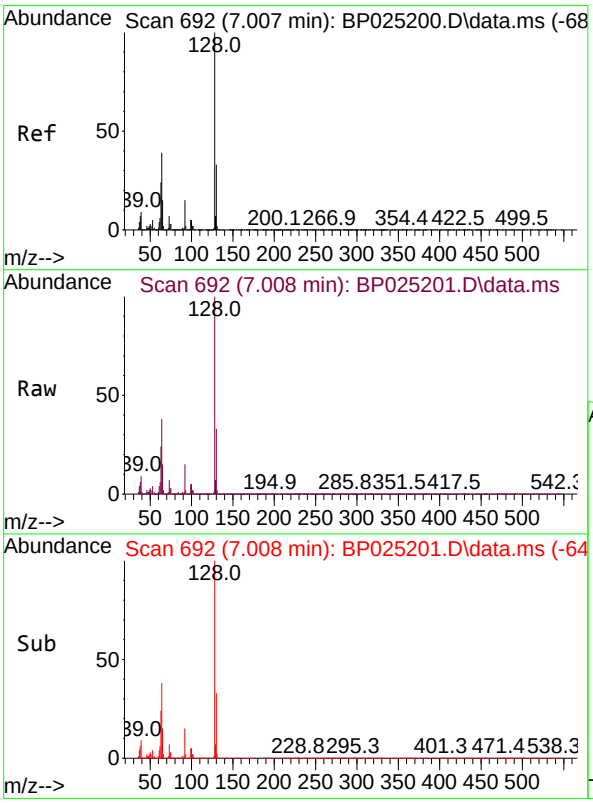

#7
Phenol-d6
Concen: 104.474 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 99 Resp: 4736983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.8 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |

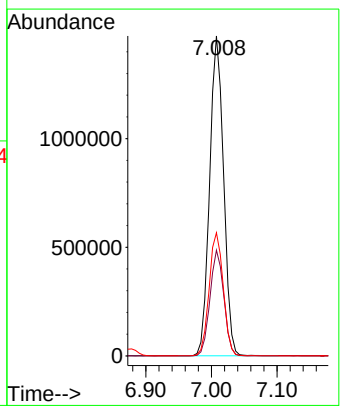


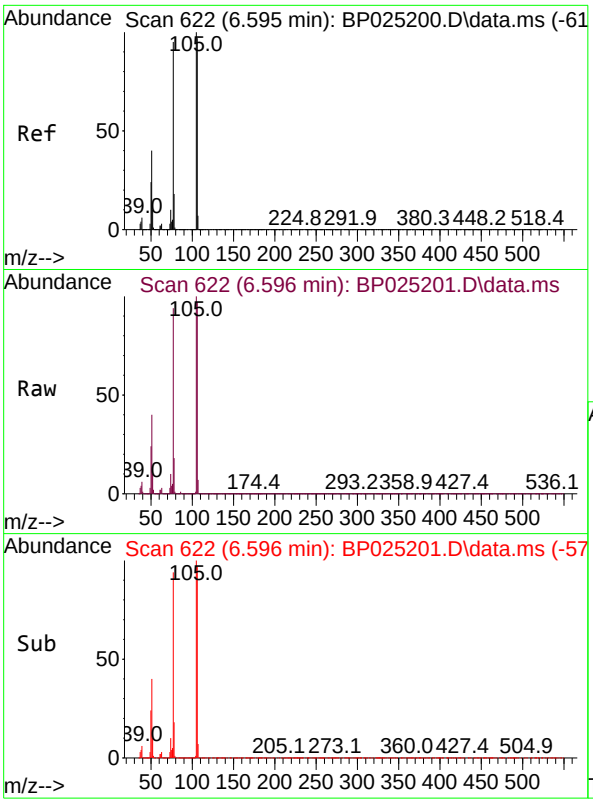




#8
2-Chlorophenol
Concen: 52.755 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:128 Resp: 2180013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.9 | 52.9 |
| 64 | 38.5 | 19.2 | 59.2 |



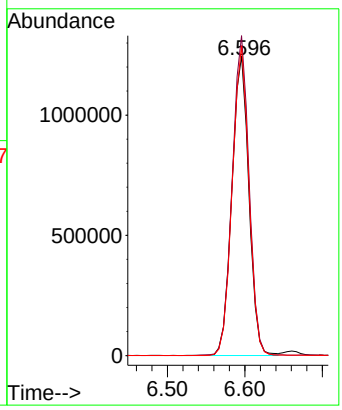


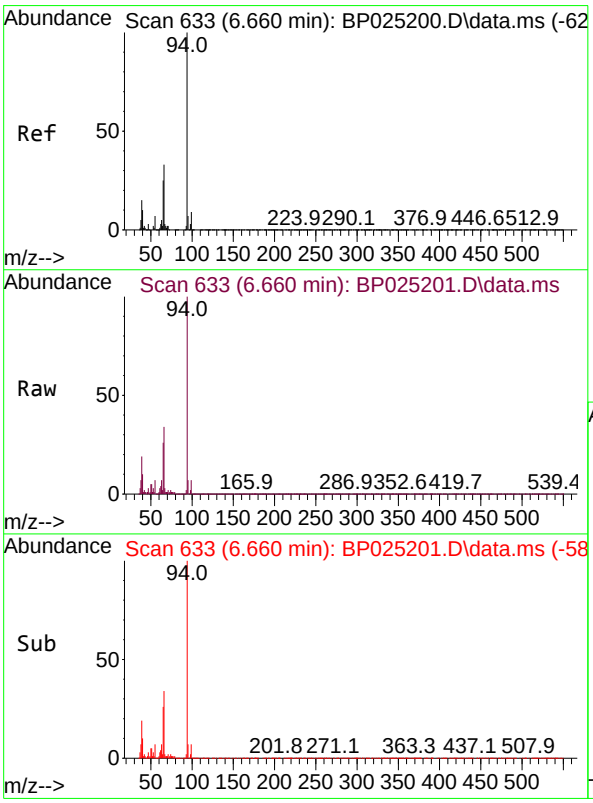

#9
Benzaldehyde
Concen: 58.538 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 1896798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.8 | 85.5 | 125.5 |
| 106 | 103.4 | 81.9 | 121.9 |

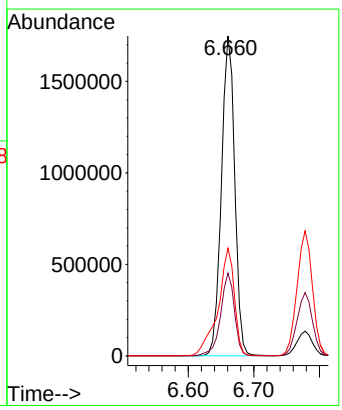


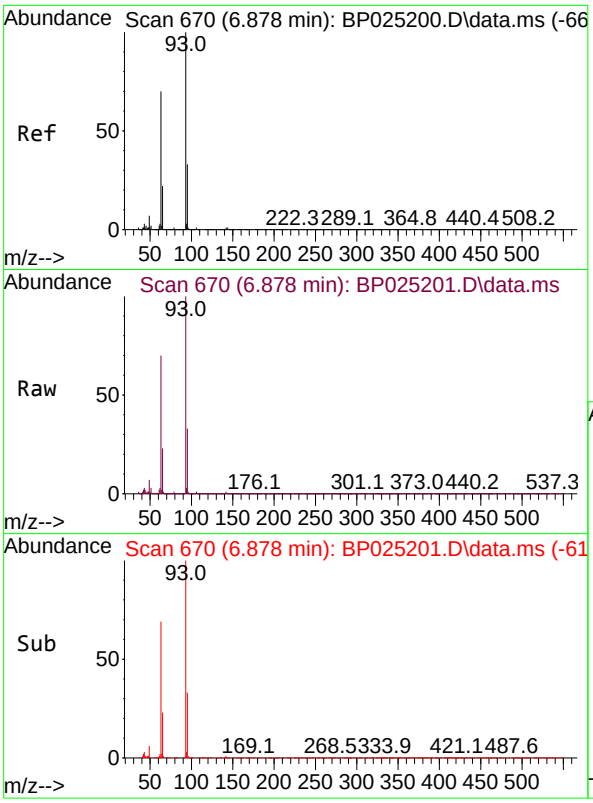




#10
Phenol
Concen: 52.755 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 94 Resp: 2474823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.9 | 5.4 | 45.4 |
| 66 | 33.6 | 13.5 | 53.5 |



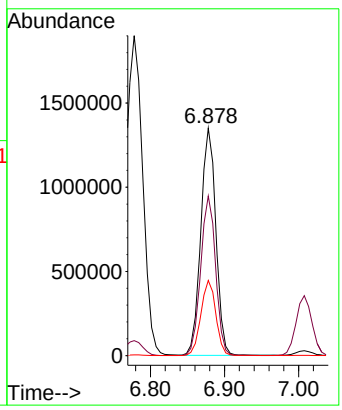


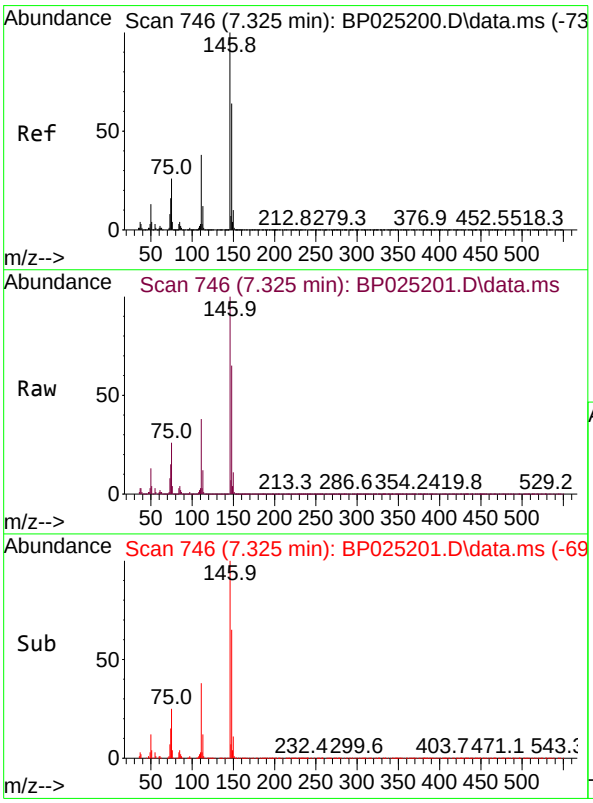

#11
bis(2-Chloroethyl)ether
Concen: 52.936 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 93 Resp: 1906690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.1 | 50.0 | 90.0 |
| 95 | 33.0 | 12.9 | 52.9 |

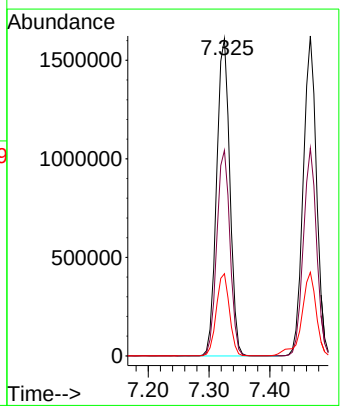


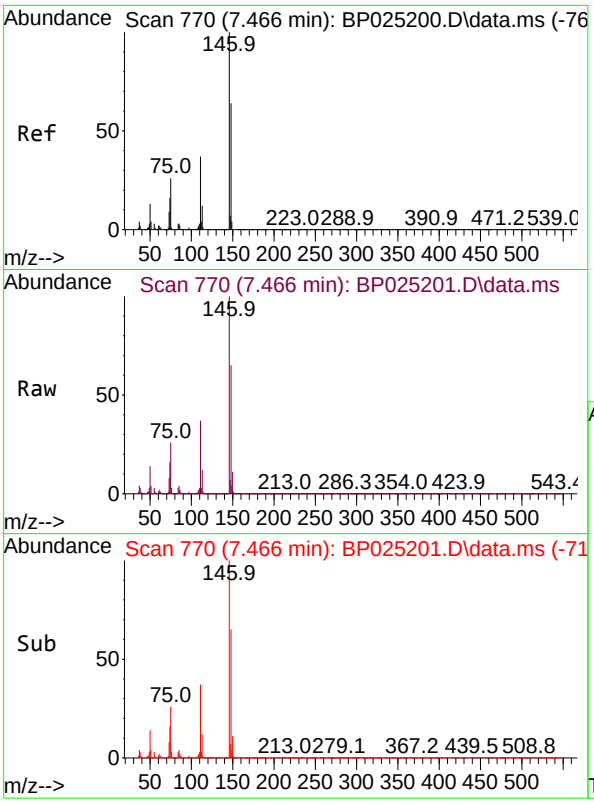




#12
1,3-Dichlorobenzene
Concen: 51.674 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2422569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.4 | 77.0 |
| 75 | 25.9 | 20.6 | 31.0 |



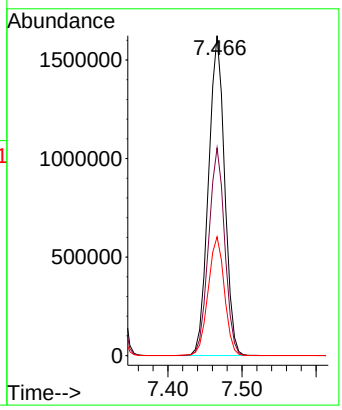


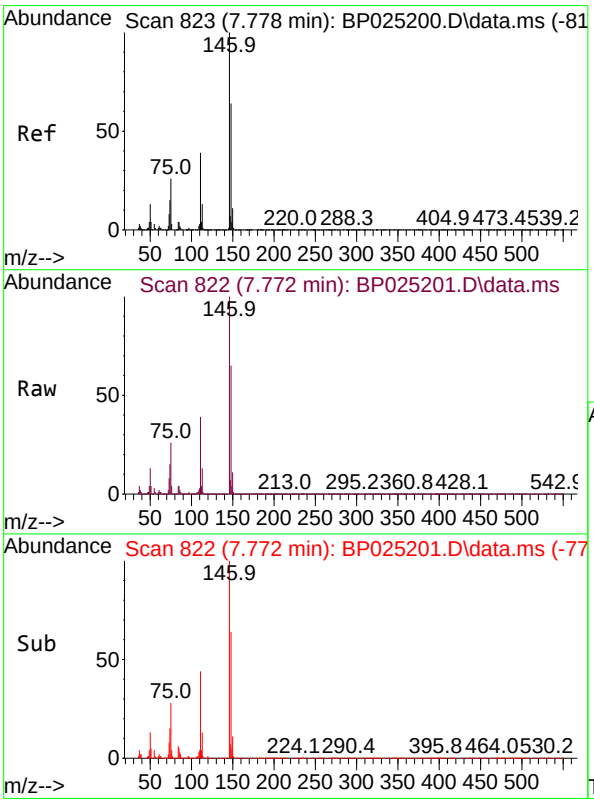

#13
1,4-Dichlorobenzene
Concen: 51.975 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:146 Resp: 2458987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.4 | 77.2 |
| 111 | 37.1 | 29.9 | 44.9 |

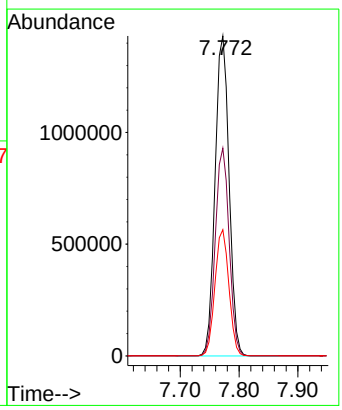


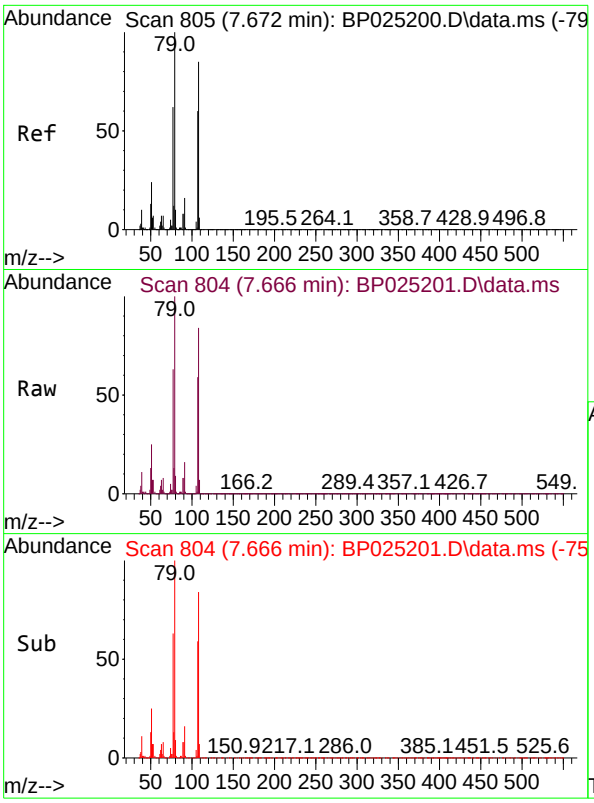




#14
1,2-Dichlorobenzene
Concen: 52.043 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:146 Resp: 2365873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.5 | 77.3 |
| 111 | 39.5 | 31.3 | 46.9 |



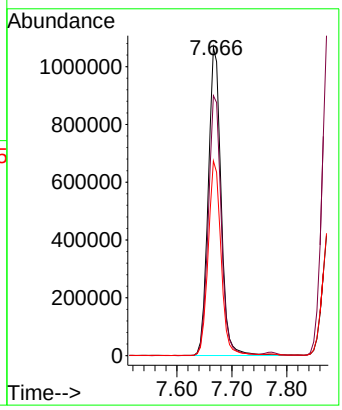


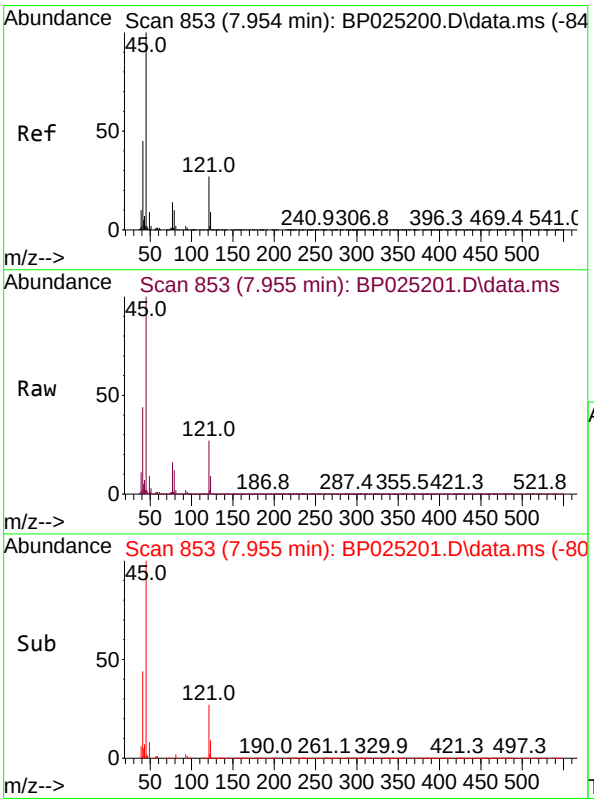

#15
Benzyl Alcohol
Concen: 52.999 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 1722446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.4 | 67.8 | 101.6 |
| 77 | 63.2 | 49.9 | 74.9 |

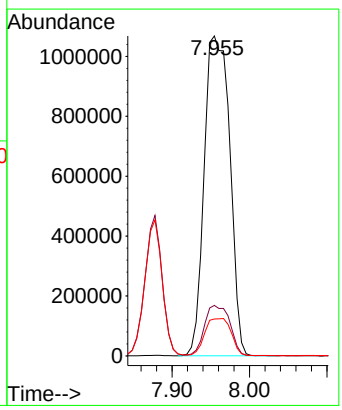


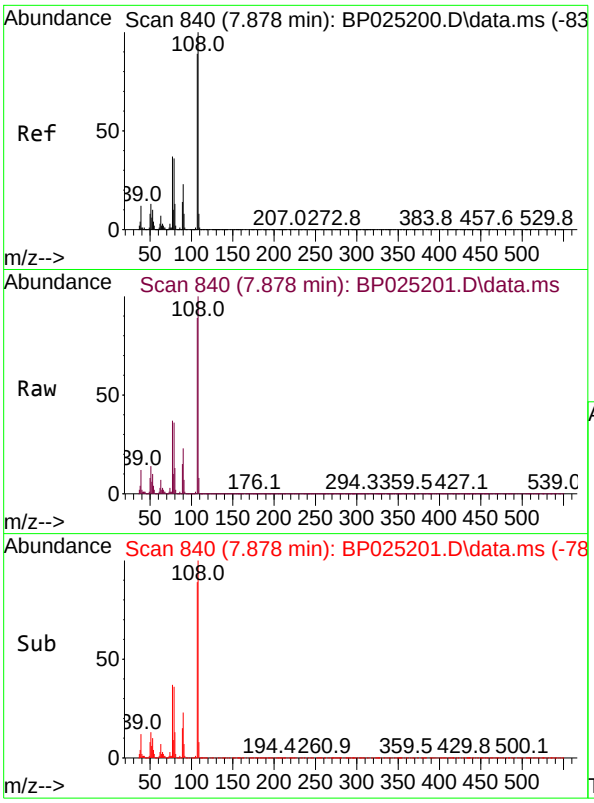




#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.952 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 45 Resp: 2446484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.8 | 0.0 | 36.0 |
| 79 | 11.5 | 0.0 | 31.7 |



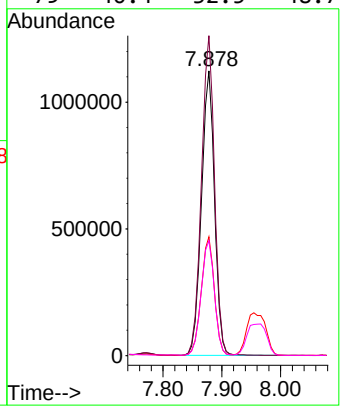


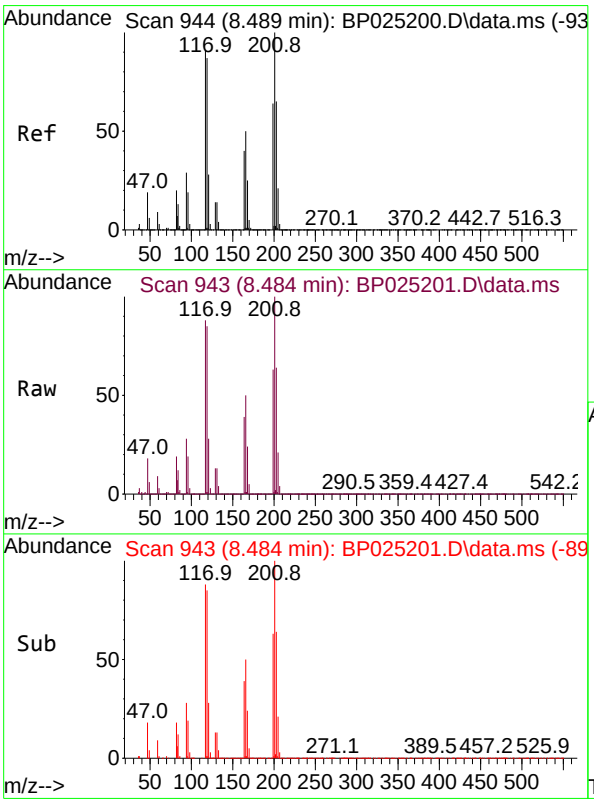

#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:107 Resp: 1733573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.4 | 89.8 | 134.8 |
| 77 | 41.7 | 33.2 | 49.8 |
| 79 | 40.4 | 32.5 | 48.7 |

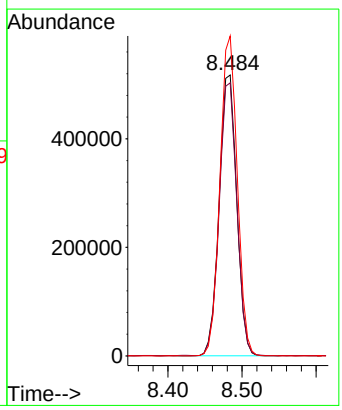


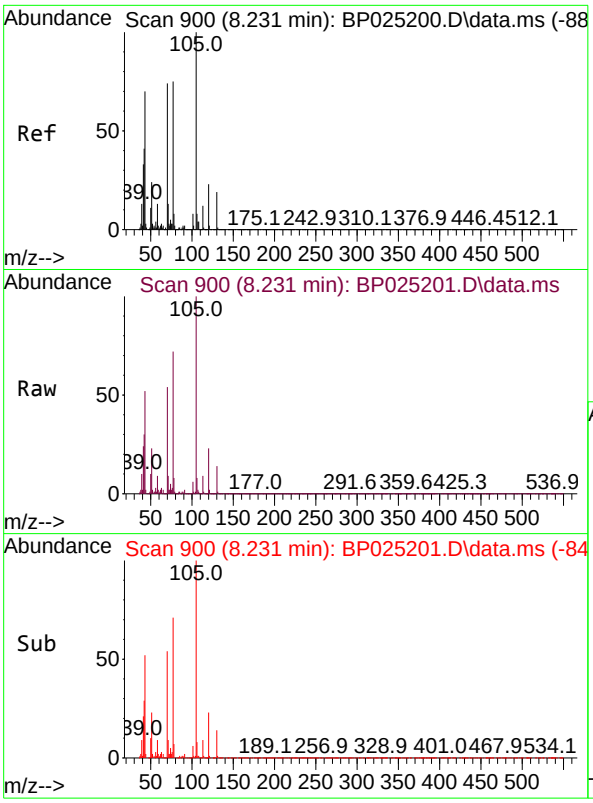




#18
Hexachloroethane
Concen: 52.844 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:117 Resp: 853688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 77.0 | 115.6 |
| 201 | 113.9 | 88.3 | 132.5 |



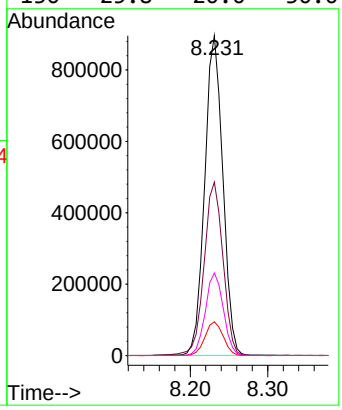


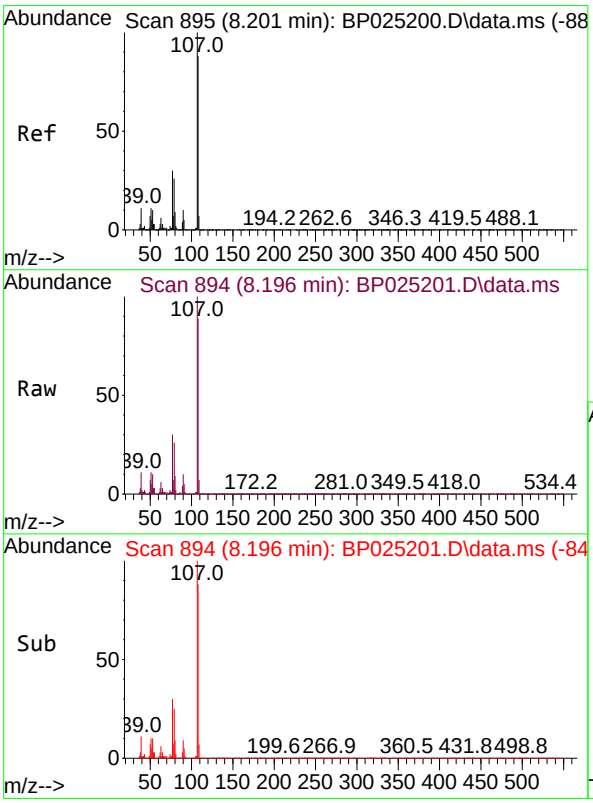

#19
n-Nitroso-di-n-propylamine
Concen: 53.253 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 70 Resp: 1455206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.2 | 44.2 | 66.2 |
| 101 | 10.6 | 8.6 | 12.8 |
| 130 | 25.8 | 20.0 | 30.0 |

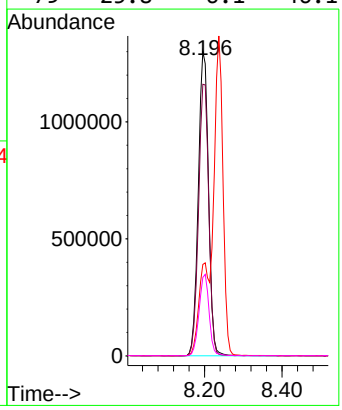


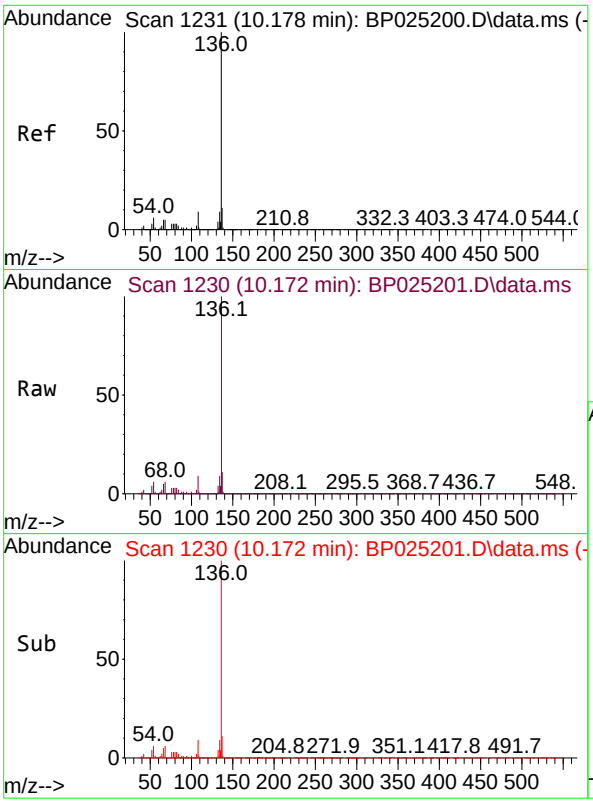




#20
3+4-Methylphenols
Concen: 53.601 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2375514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.2 | 67.8 | 107.8 |
| 77 | 30.0 | 10.3 | 50.3 |
| 79 | 25.8 | 6.1 | 46.1 |



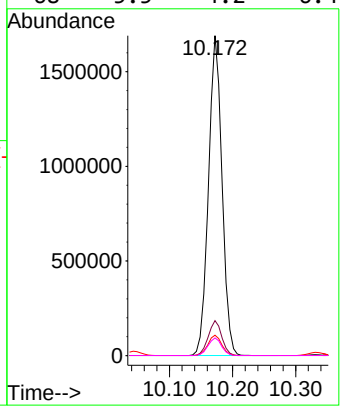


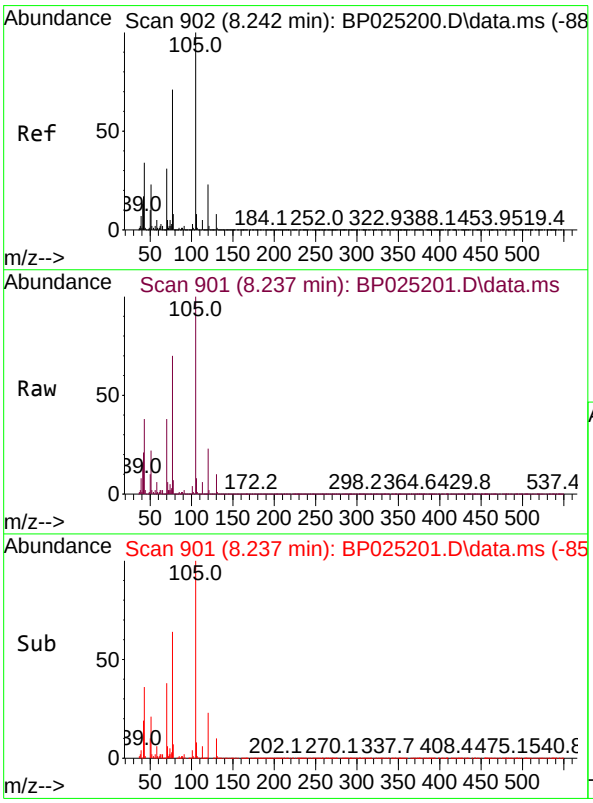

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:136 Resp: 2516404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |

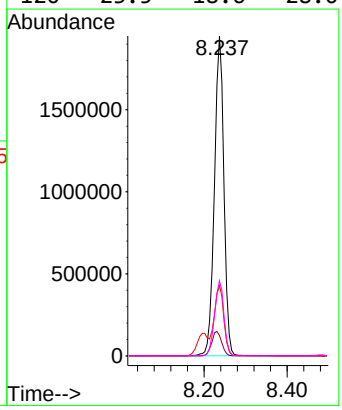


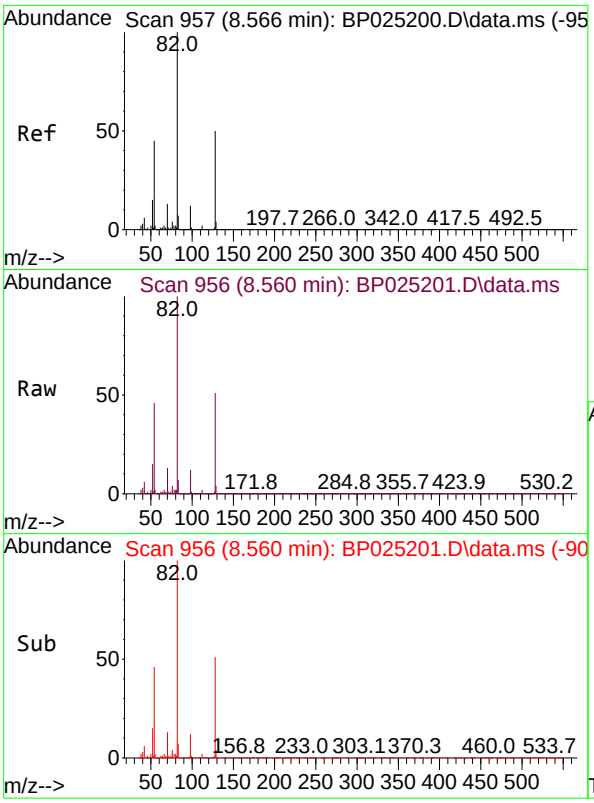




#22
Acetophenone
Concen: 51.751 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:105 Resp: 3084434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 4.1 | 6.1# |
| 51 | 22.0 | 18.5 | 27.7 |
| 120 | 23.5 | 18.6 | 28.0 |



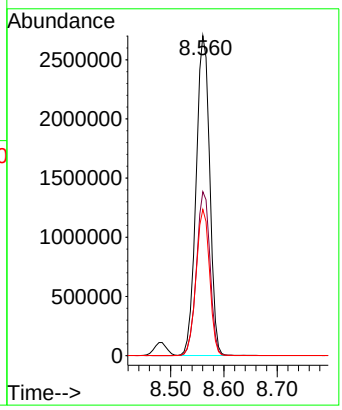


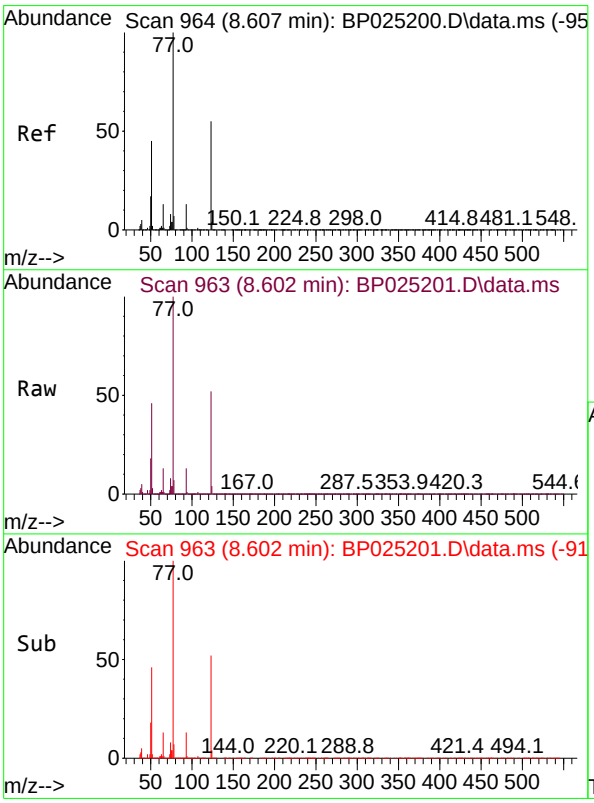

#23
Nitrobenzene-d5
Concen: 104.177 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 4781399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.2 | 40.2 | 60.4 |
| 54 | 45.7 | 36.3 | 54.5 |

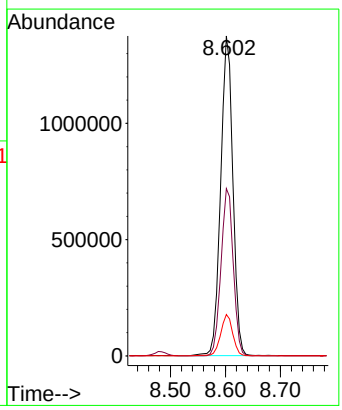


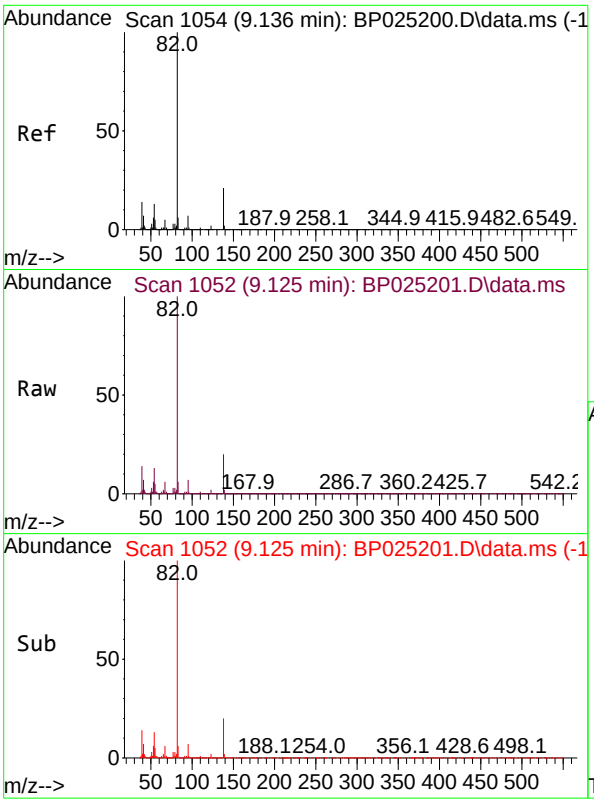




#24
Nitrobenzene
Concen: 52.274 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 77 Resp: 2126232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.3 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |



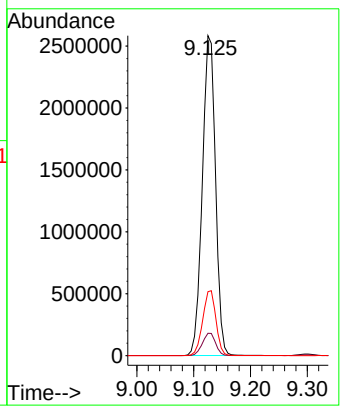


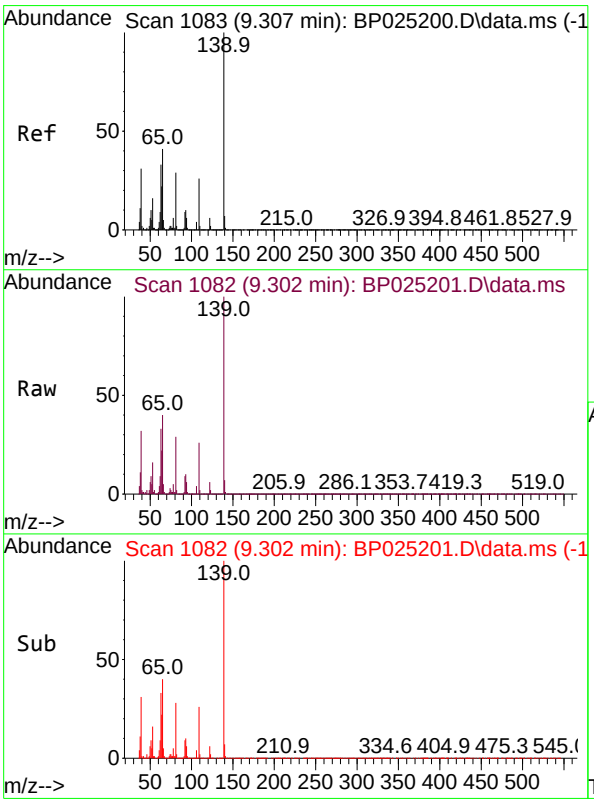

#25
Isophorone
Concen: 51.908 ng
RT: 9.125 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 4172561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 20.0 | 16.6 | 25.0 |

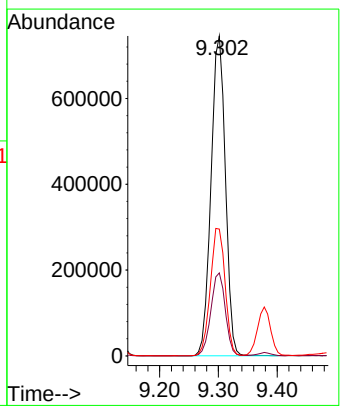


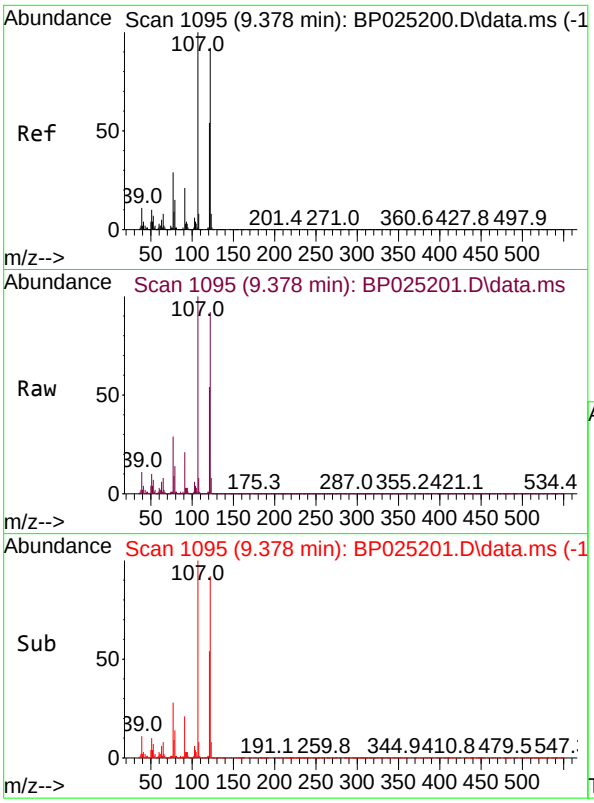




#26
2-Nitrophenol
Concen: 55.364 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1267530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 39.6 | 32.7 | 49.1 |



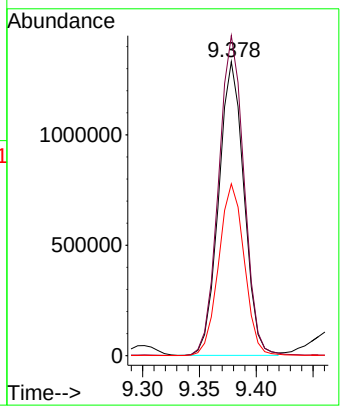


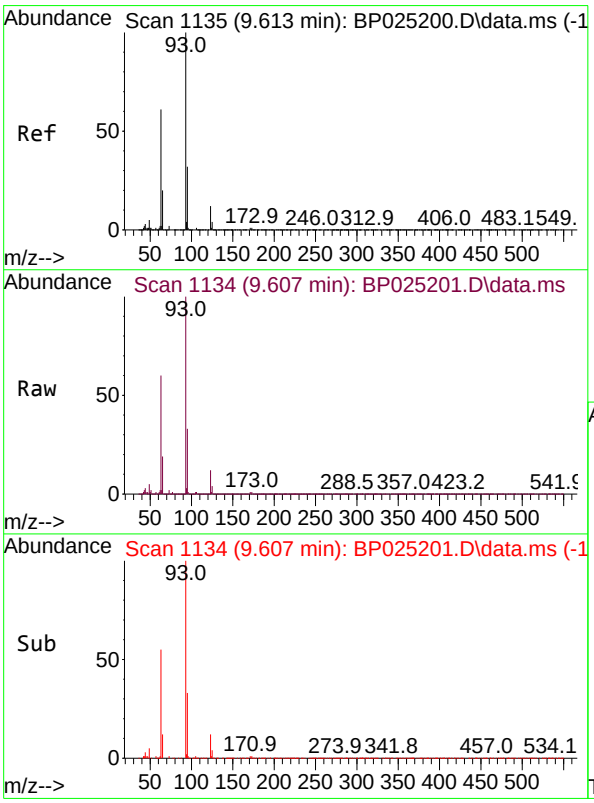

#27
2,4-Dimethylphenol
Concen: 52.940 ng
RT: 9.378 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:122 Resp: 2063358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.9 | 87.0 | 130.4 |
| 121 | 58.4 | 46.7 | 70.1 |

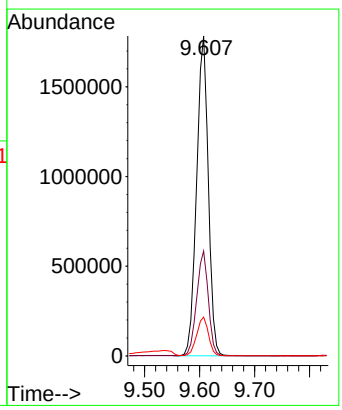


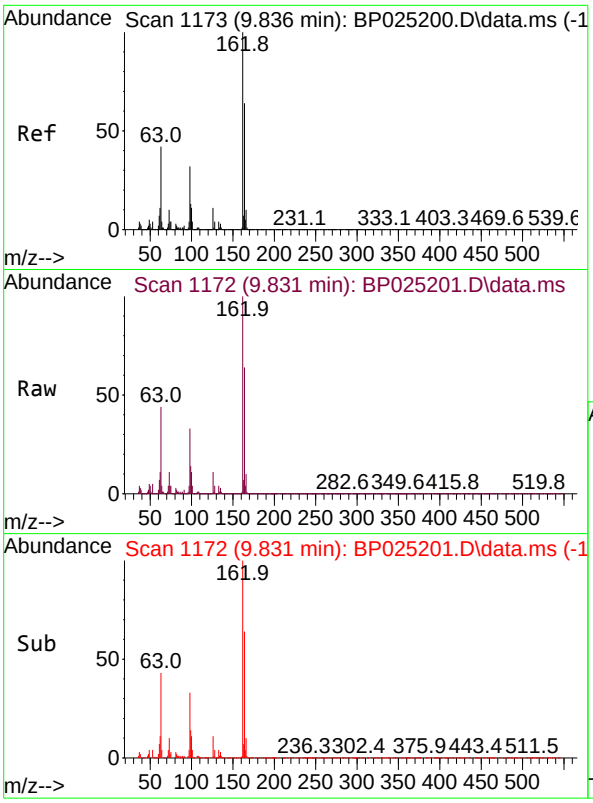




#28
bis(2-Chloroethoxy)methane
Concen: 52.034 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 93 Resp: 2625875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.0 | 39.0 |
| 123 | 12.1 | 9.8 | 14.6 |



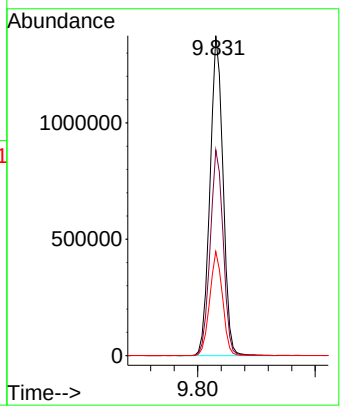


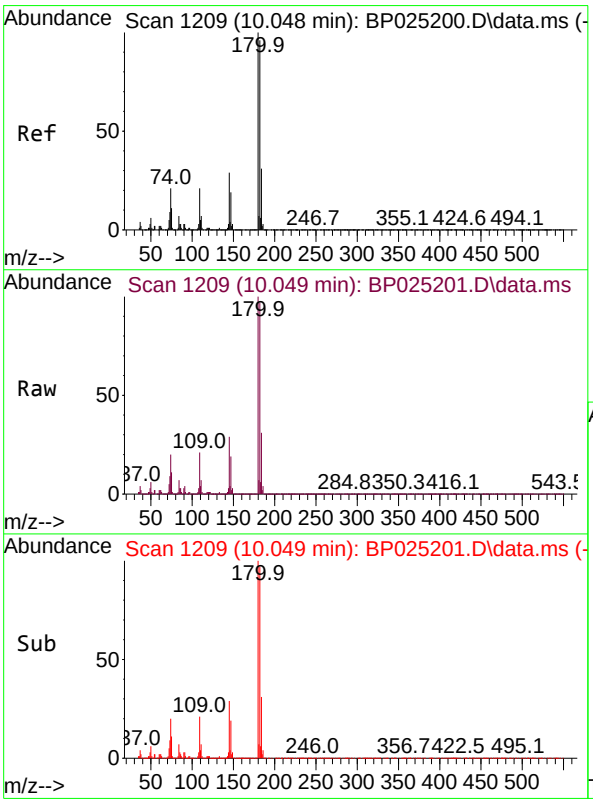

#29
2,4-Dichlorophenol
Concen: 52.875 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 2113695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

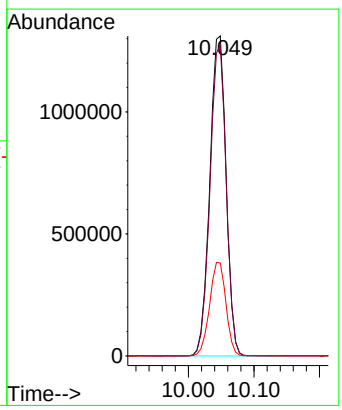


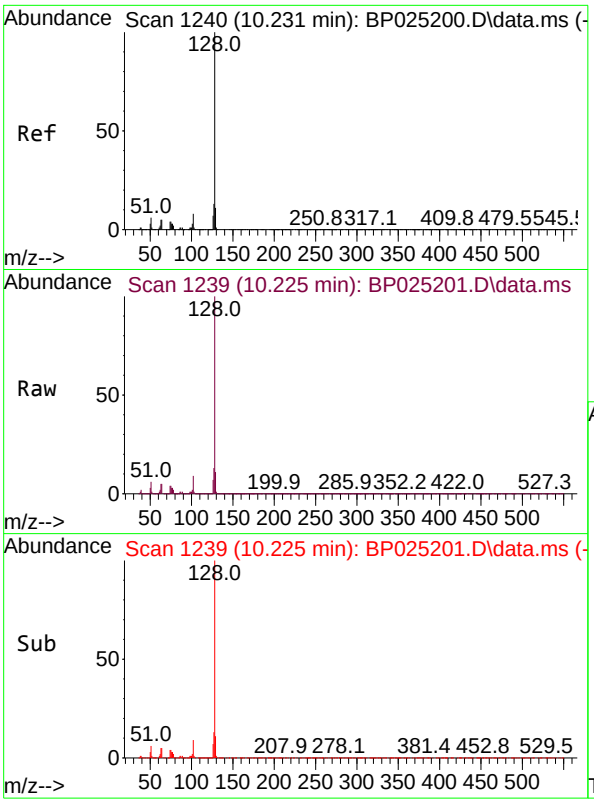




#30
1,2,4-Trichlorobenzene
Concen: 51.620 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:180 Resp: 2270580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 76.7 | 115.1 |
| 145 | 29.0 | 23.5 | 35.3 |



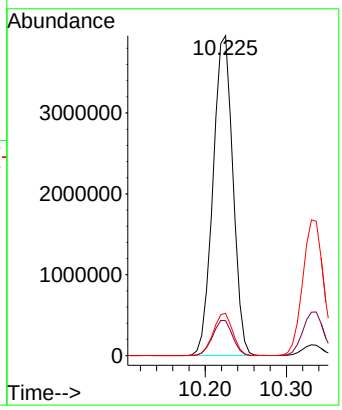


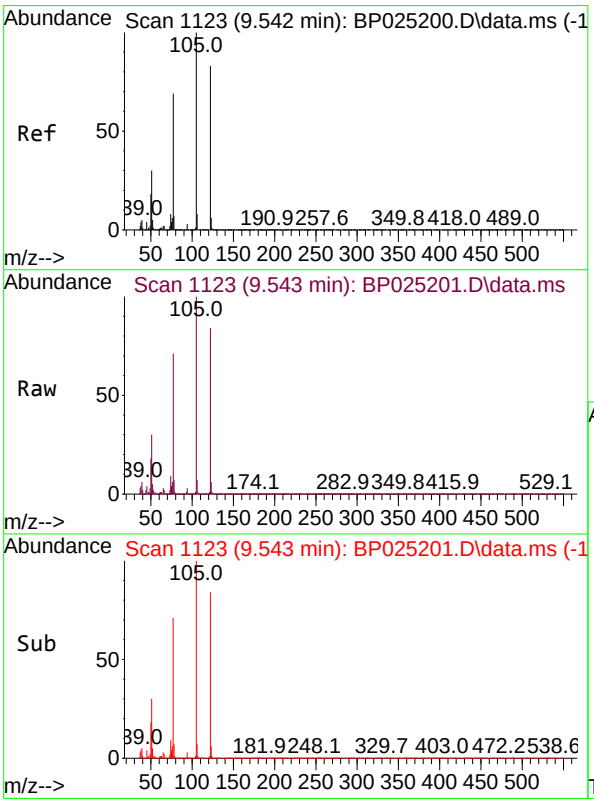

#31
Naphthalene
Concen: 51.375 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:128 Resp: 6732644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.4 |
| 127 | 13.2 | 10.4 | 15.6 |

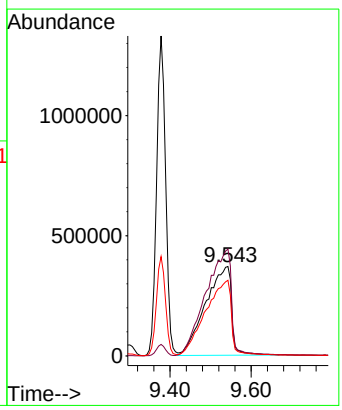


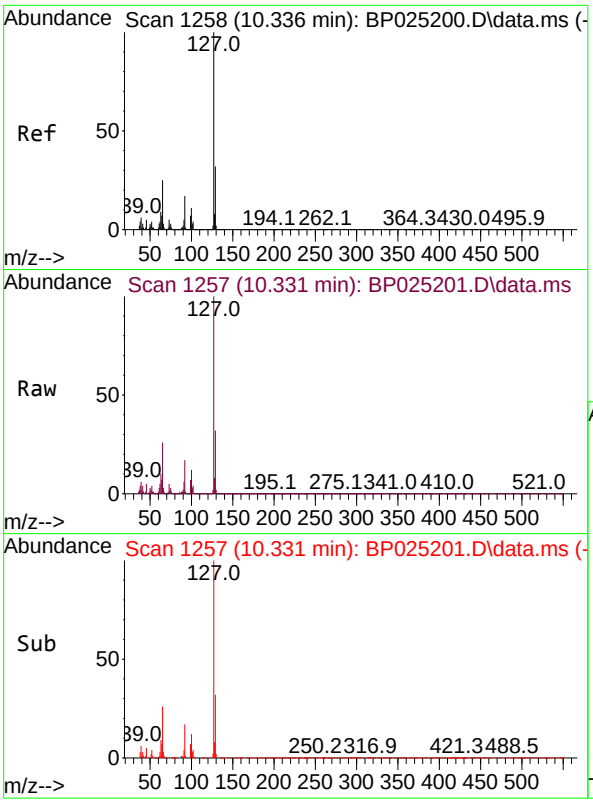




#32
Benzoic acid
Concen: 57.886 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:122 Resp: 1647738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.4 | 98.1 | 138.1 |
| 77 | 84.5 | 62.7 | 102.7 |



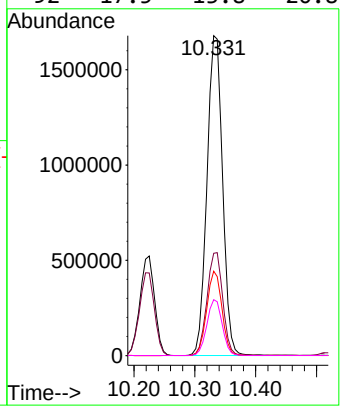


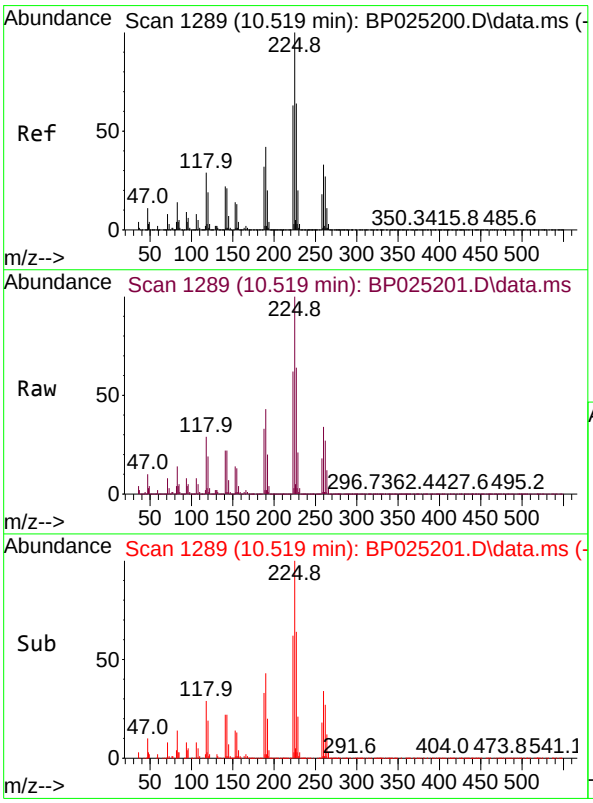

#33
4-Chloroaniline
Concen: 52.480 ng
RT: 10.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:127 Resp: 2986136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 26.4 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |

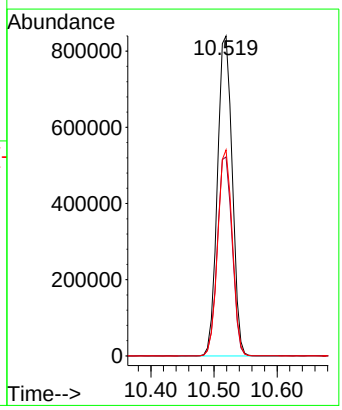


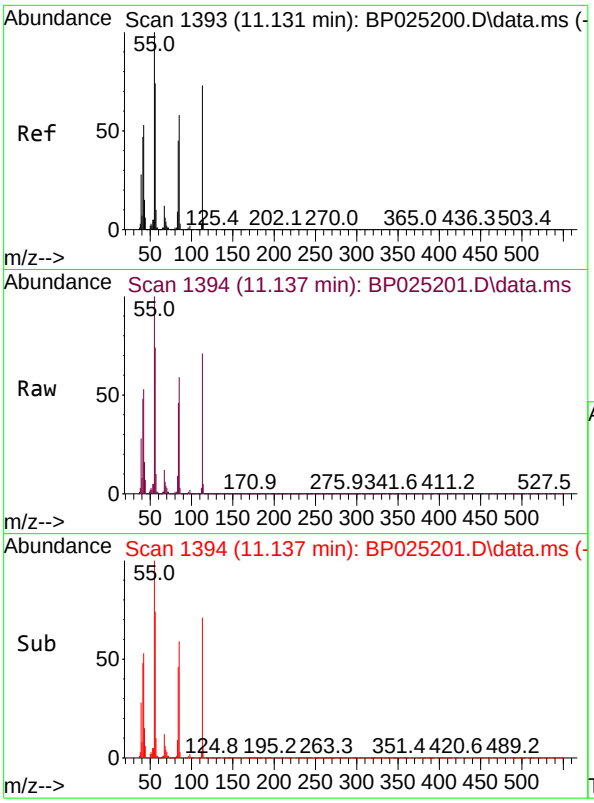




#34
Hexachlorobutadiene
Concen: 51.718 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:225 Resp: 1366194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 50.1 | 75.1 |
| 227 | 64.4 | 51.4 | 77.0 |



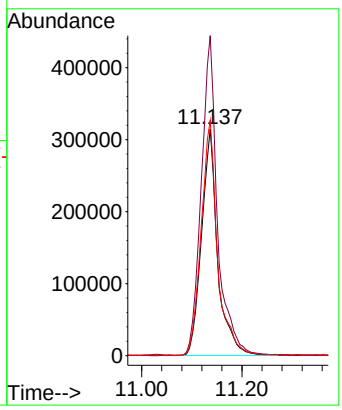


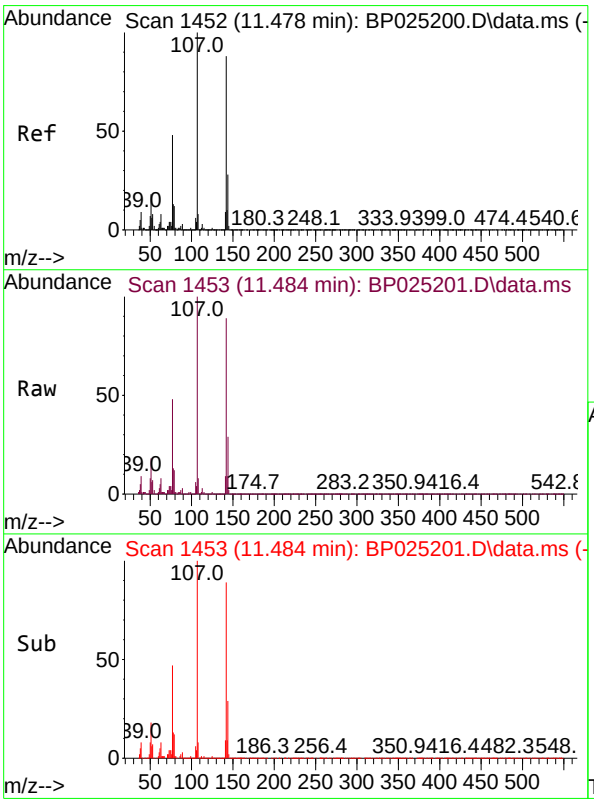

#35
Caprolactam
Concen: 53.331 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:113 Resp: 701610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 141.2 | 117.6 | 157.6 |
| 56 | 103.8 | 82.4 | 122.4 |

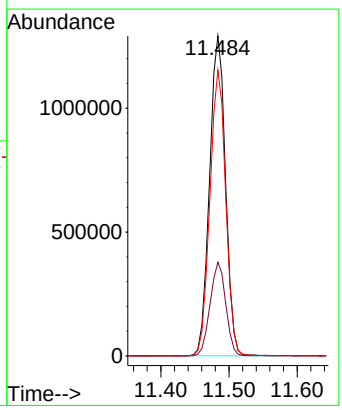


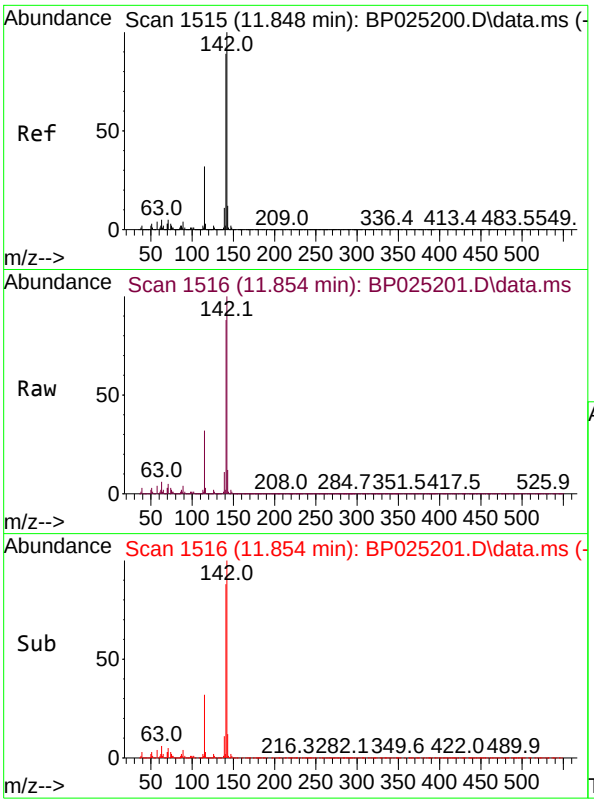




#36
4-Chloro-3-methylphenol
Concen: 52.551 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:107 Resp: 2098032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.3 | 22.5 | 33.7 |
| 142 | 89.3 | 70.6 | 105.8 |



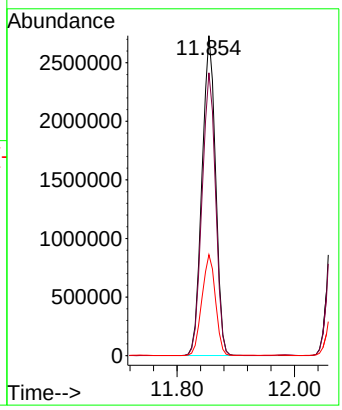


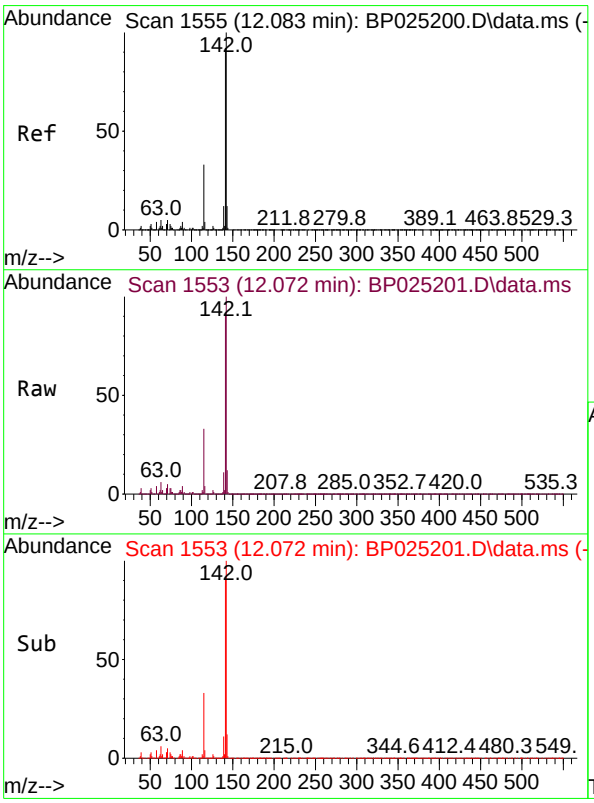

#37
2-Methylnaphthalene
Concen: 51.634 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:142 Resp: 4376533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.2 | 106.8 |
| 115 | 31.5 | 25.3 | 37.9 |

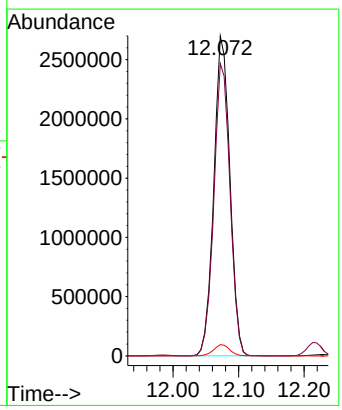


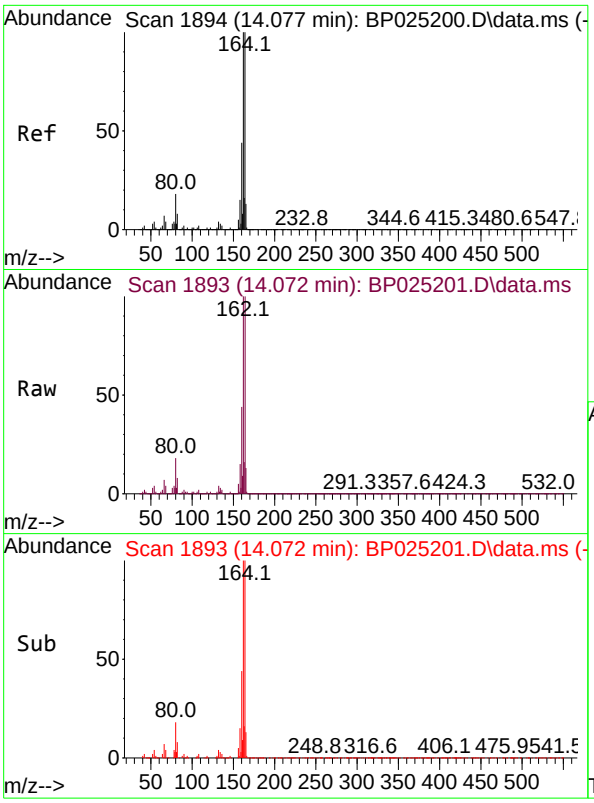




#38
1-Methylnaphthalene
Concen: 51.546 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:142 Resp: 4608074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



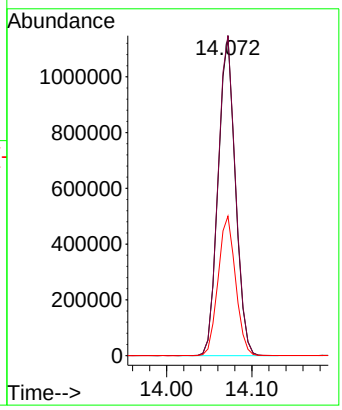


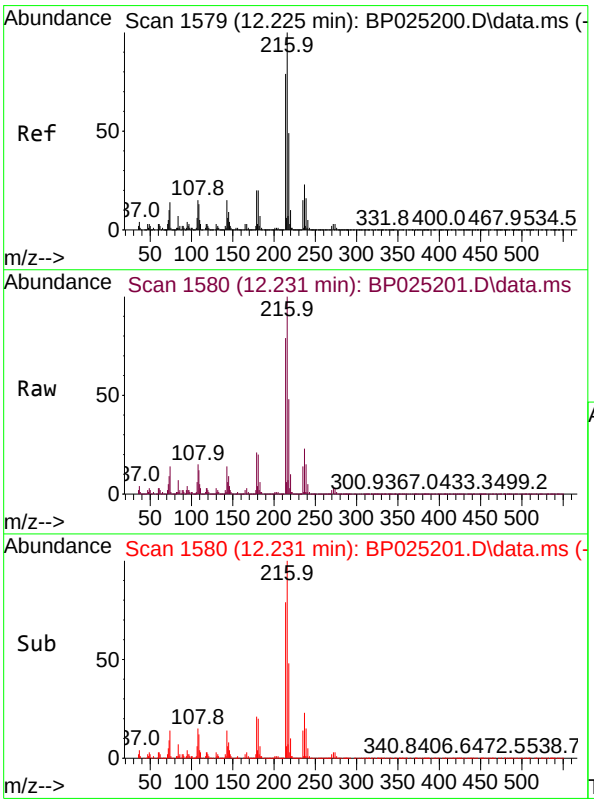

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:164 Resp: 1604001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.3 | 120.5 |
| 160 | 43.6 | 35.7 | 53.5 |

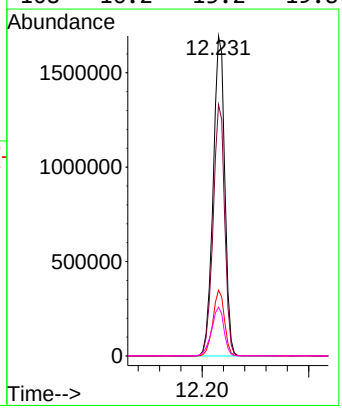


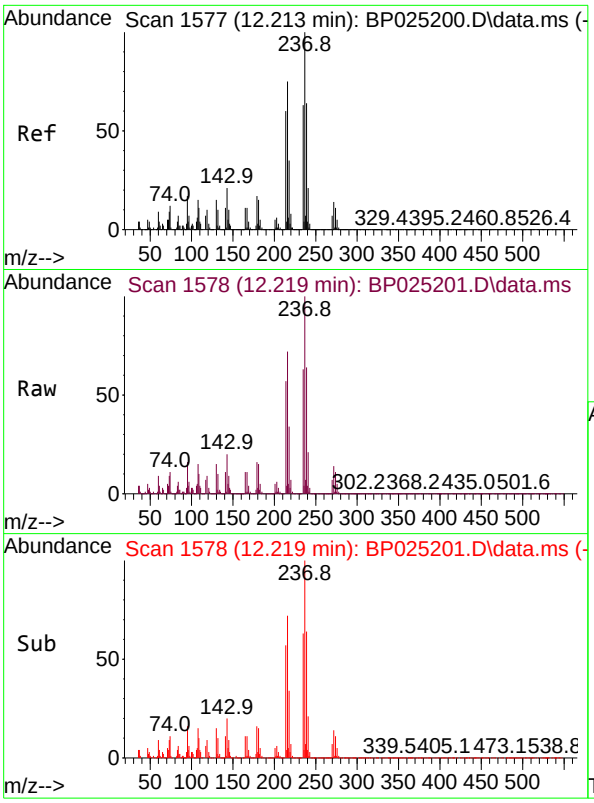




#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.721 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:216 Resp: 2560877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.2 | 13.2 | 19.8 |



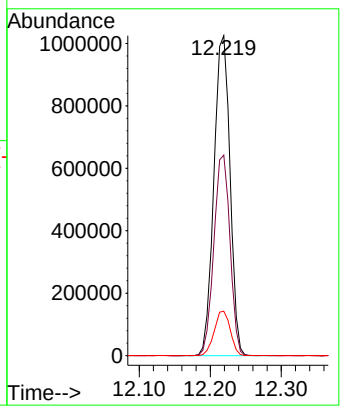


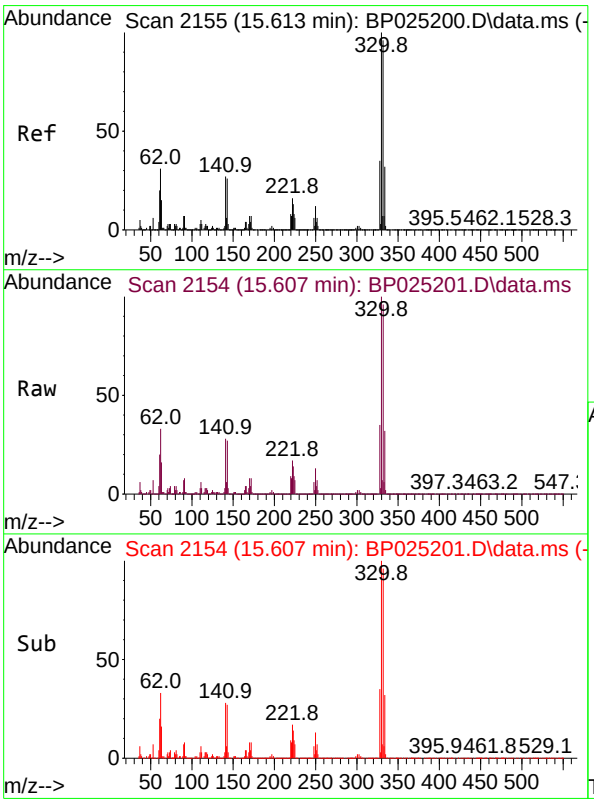

#41
Hexachlorocyclopentadiene
Concen: 58.674 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:237 Resp: 1616183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 42.7 | 82.7 |
| 272 | 13.9 | 0.0 | 33.6 |

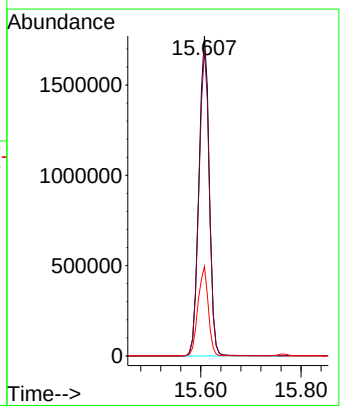


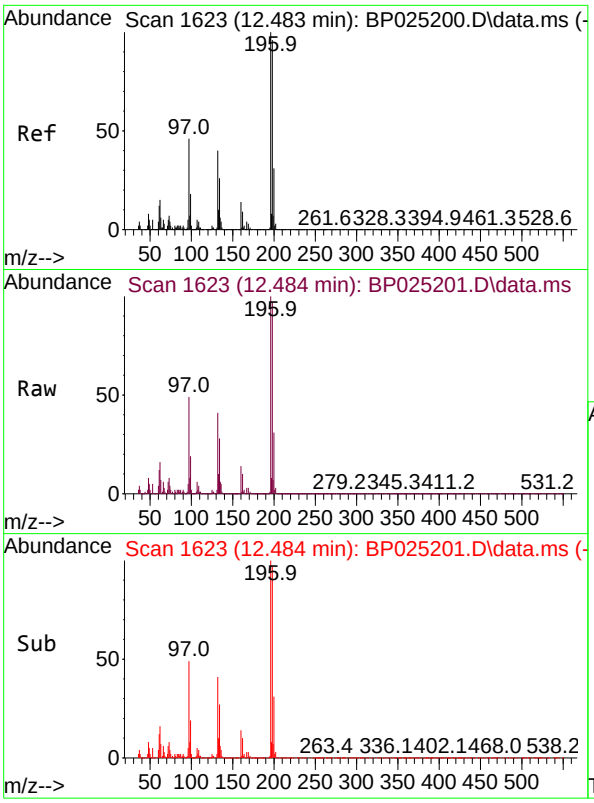




#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:330 Resp: 2533319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.1 | 115.7 |
| 141 | 27.6 | 22.4 | 33.6 |



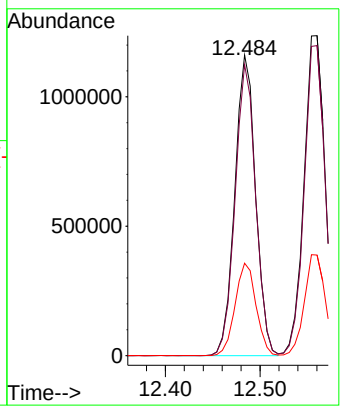


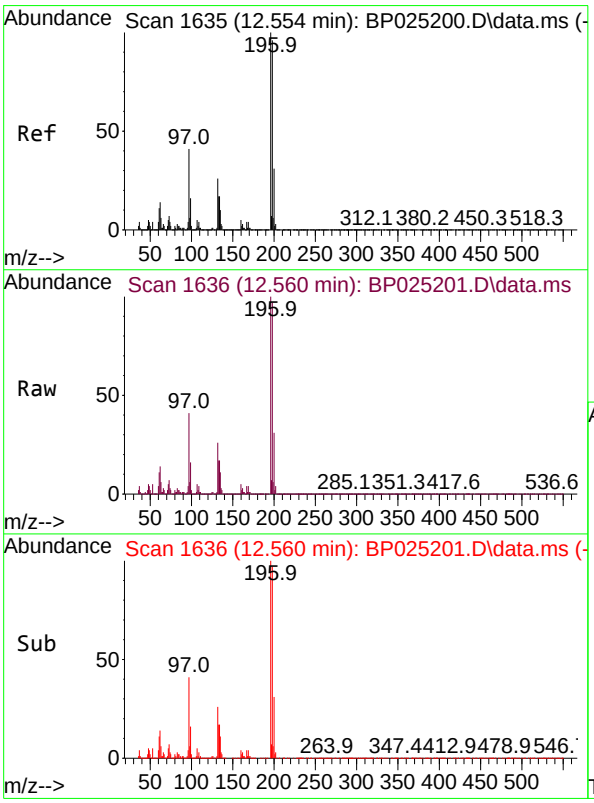

#43
2,4,6-Trichlorophenol
Concen: 53.947 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:196 Resp: 1770617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 76.6 | 114.8 |
| 200 | 30.8 | 24.7 | 37.1 |

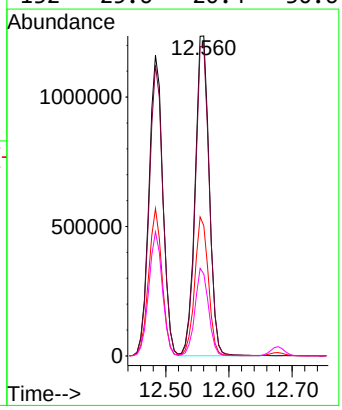


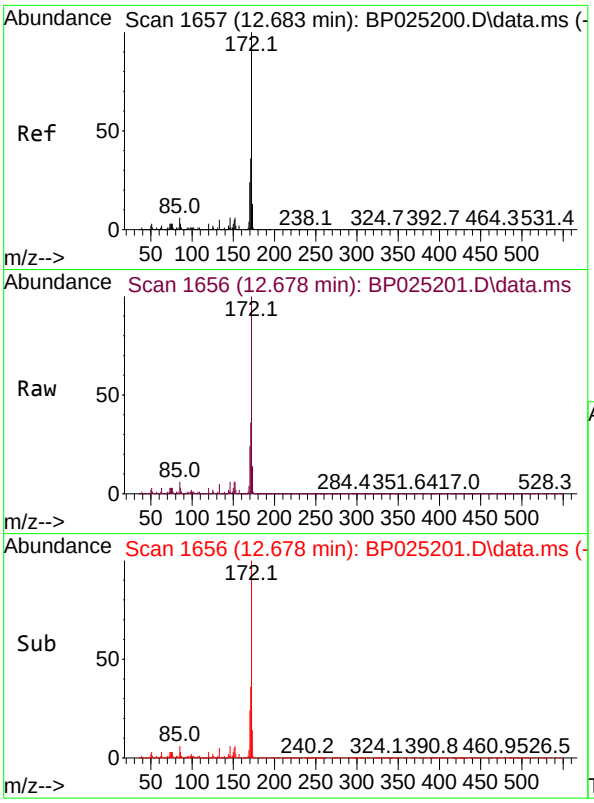




#44
2,4,5-Trichlorophenol
Concen: 53.026 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:196 Resp: 1918353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.7 | 115.1 |
| 97 | 40.7 | 33.0 | 49.4 |
| 132 | 25.6 | 20.4 | 30.6 |



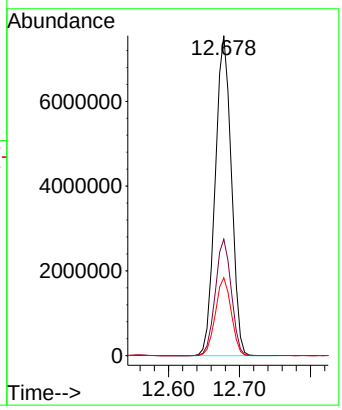


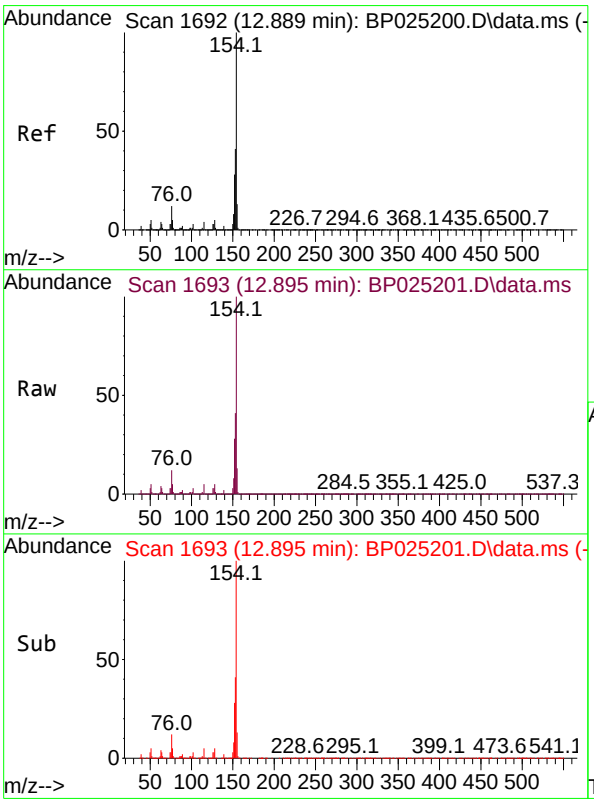

#45
2-Fluorobiphenyl
Concen: 98.364 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:172 Resp:11917555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.8 | 43.2 |
| 170 | 24.3 | 19.2 | 28.8 |

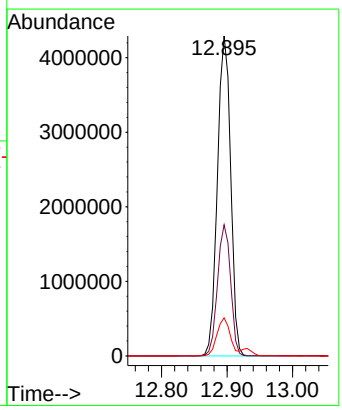


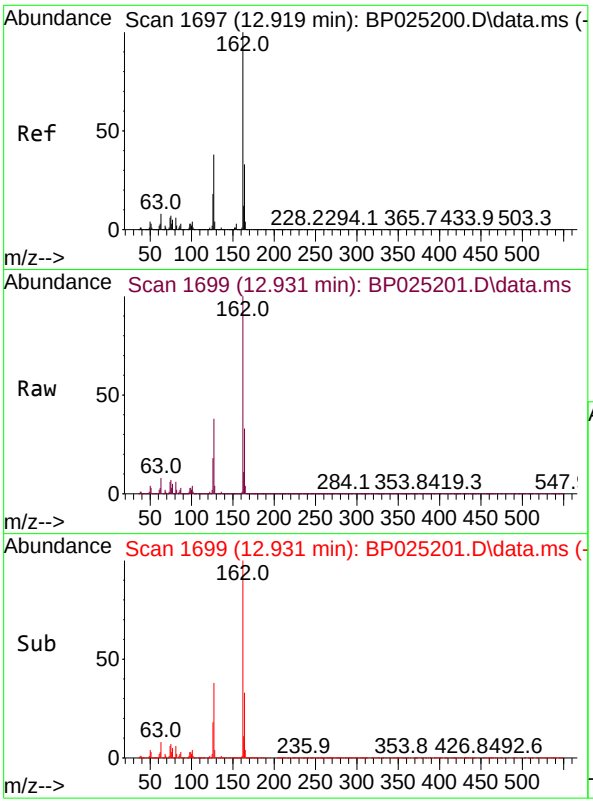




#46
1,1'-Biphenyl
Concen: 50.798 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 6024880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |



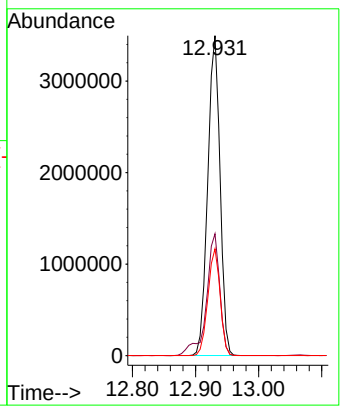


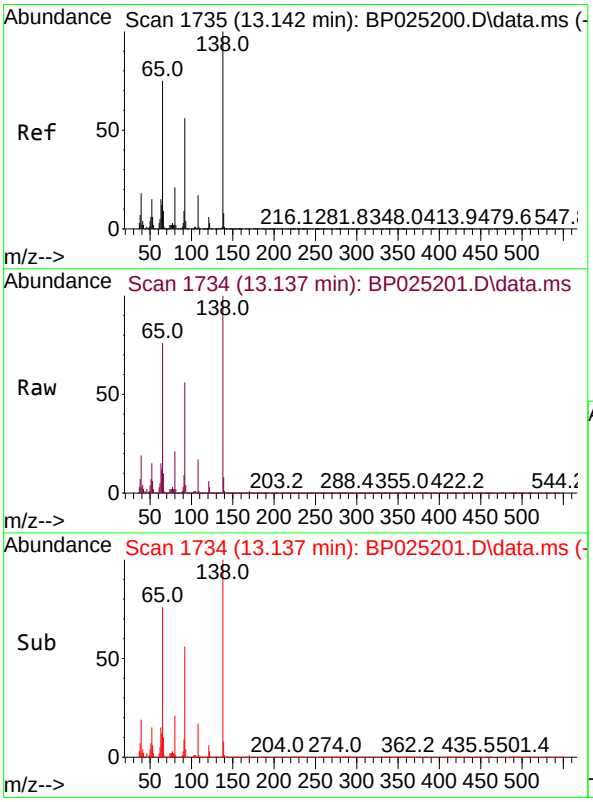

#47
2-Chloronaphthalene
Concen: 51.398 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 4722917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.1 | 45.1 |
| 164 | 33.4 | 26.5 | 39.7 |

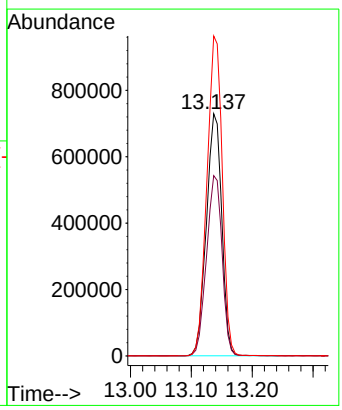


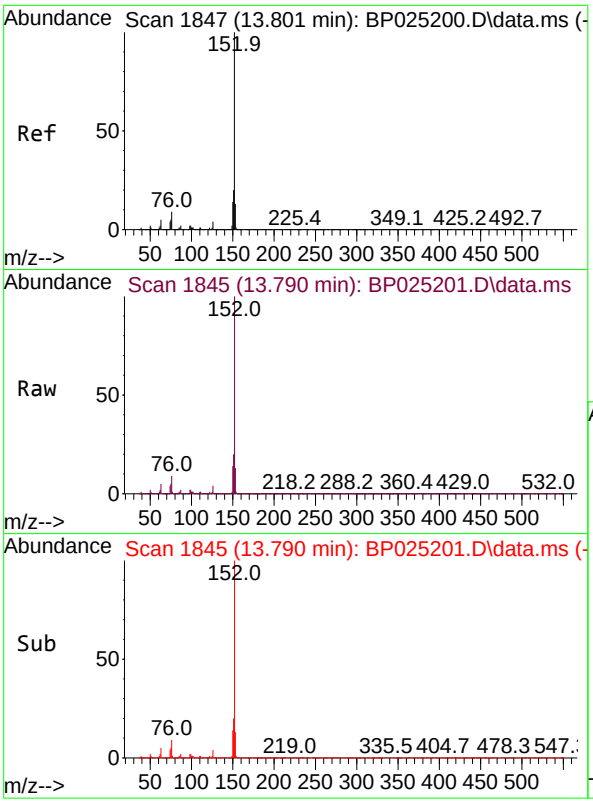




#48
2-Nitroaniline
Concen: 55.436 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion: 65 Resp: 1277778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.5 | 59.9 | 89.9 |
| 138 | 132.2 | 107.1 | 160.7 |



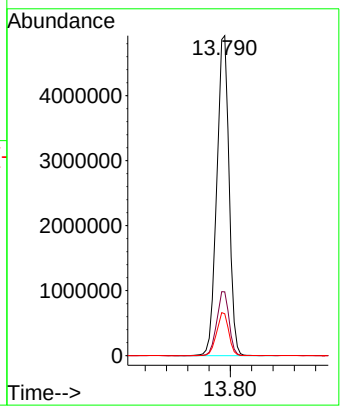


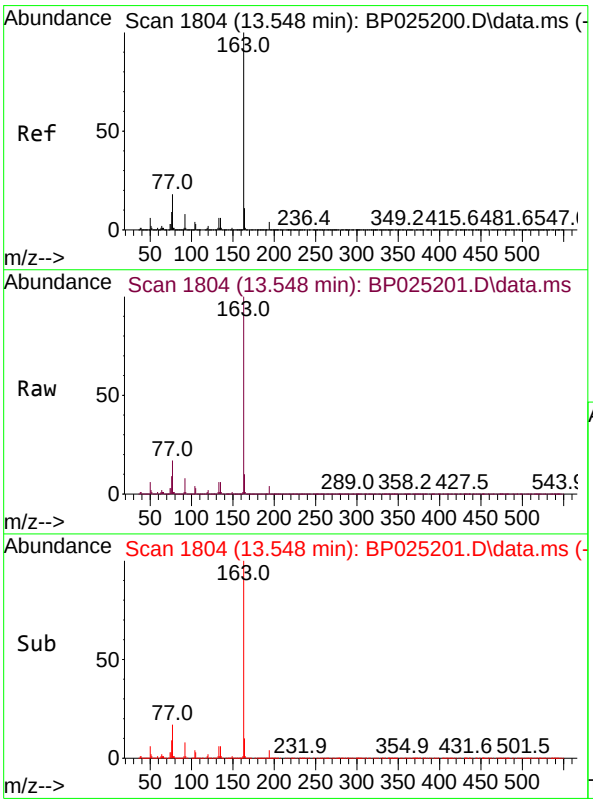

#49
Acenaphthylene
Concen: 52.119 ng
RT: 13.790 min Scan# 18
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 7853263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 15.8 |

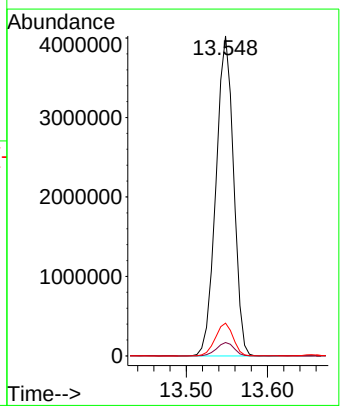


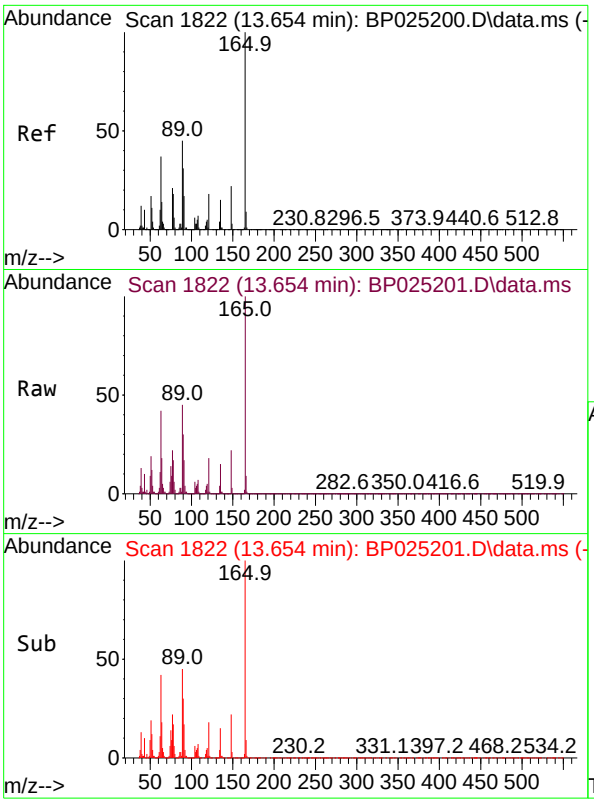




#50
Dimethylphthalate
Concen: 51.655 ng
RT: 13.548 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:163 Resp: 6045361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |



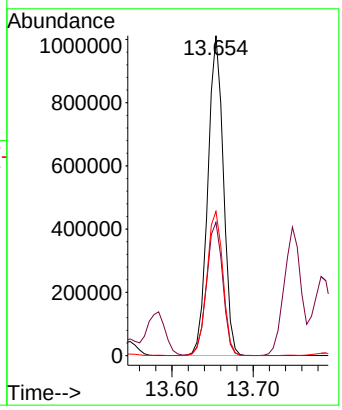


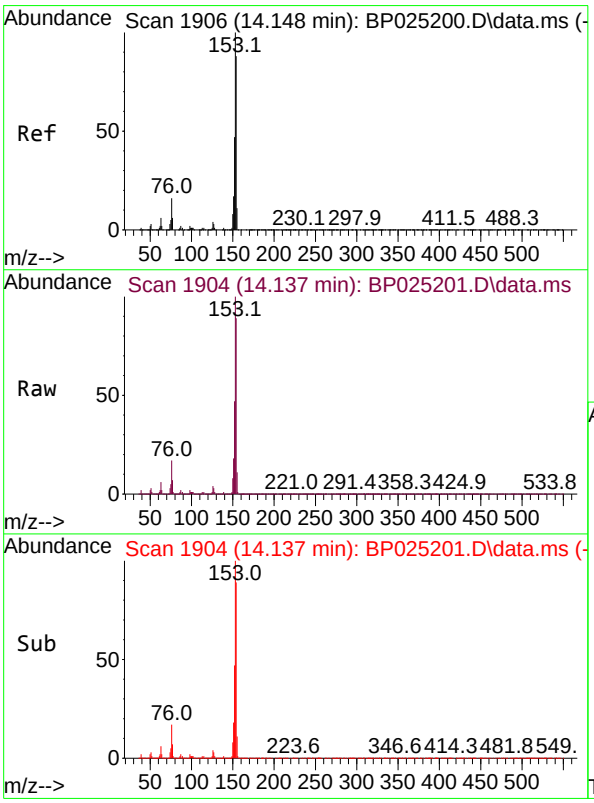

#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 1345243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.6 | 33.4 | 50.2 |
| 89 | 45.1 | 36.3 | 54.5 |

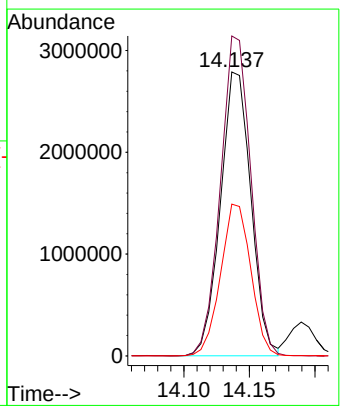


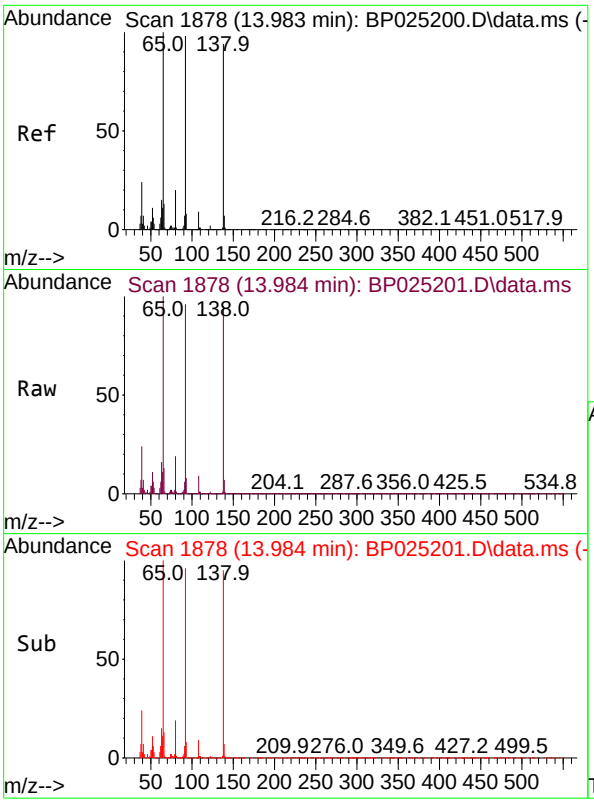




#52
Acenaphthene
Concen: 52.046 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:154 Resp: 4517722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.7 | 136.1 |
| 152 | 53.5 | 42.9 | 64.3 |



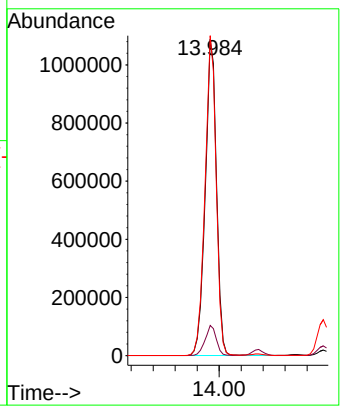


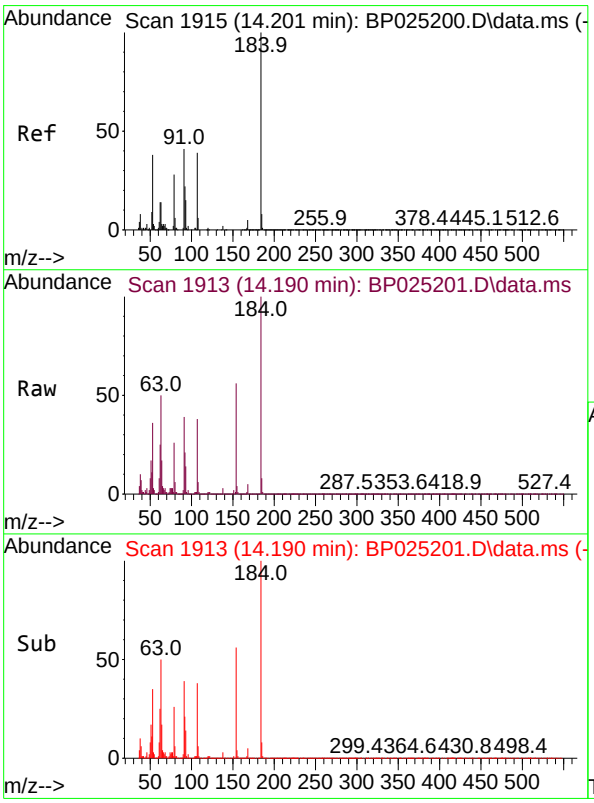

#53
3-Nitroaniline
Concen: 55.030 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:138 Resp: 1538228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 7.5 | 11.3 |
| 92 | 101.1 | 83.2 | 124.8 |

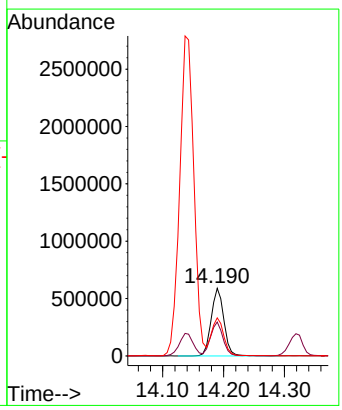


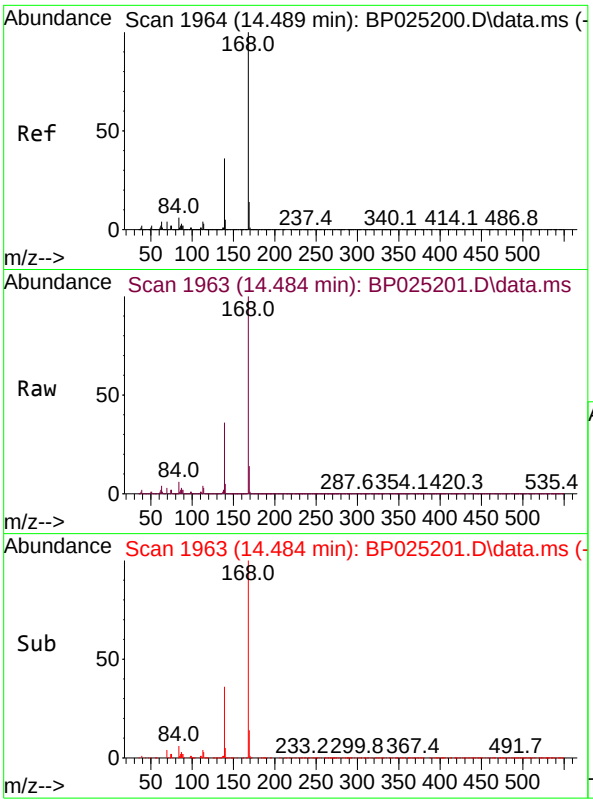




#54
2,4-Dinitrophenol
Concen: 60.917 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:184 Resp: 845681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.1 | 41.8 | 62.8 |
| 154 | 56.3 | 45.7 | 68.5 |



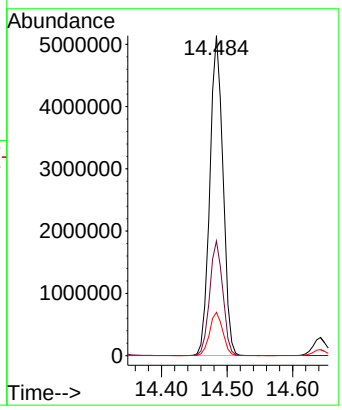


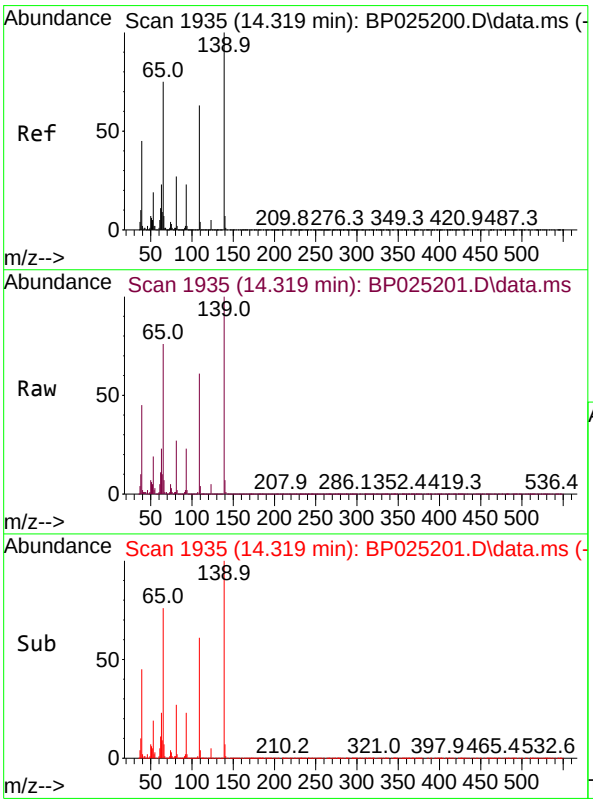

#55
Dibenzofuran
Concen: 50.912 ng
RT: 14.484 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:168 Resp: 7155195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.8 | 28.7 | 43.1 |
| 169 | 13.5 | 10.9 | 16.3 |

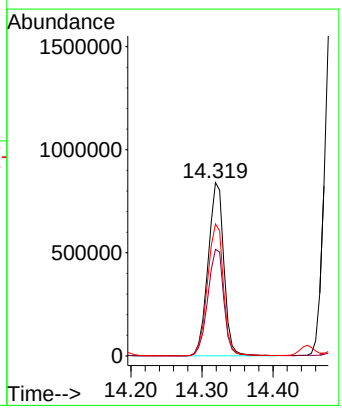


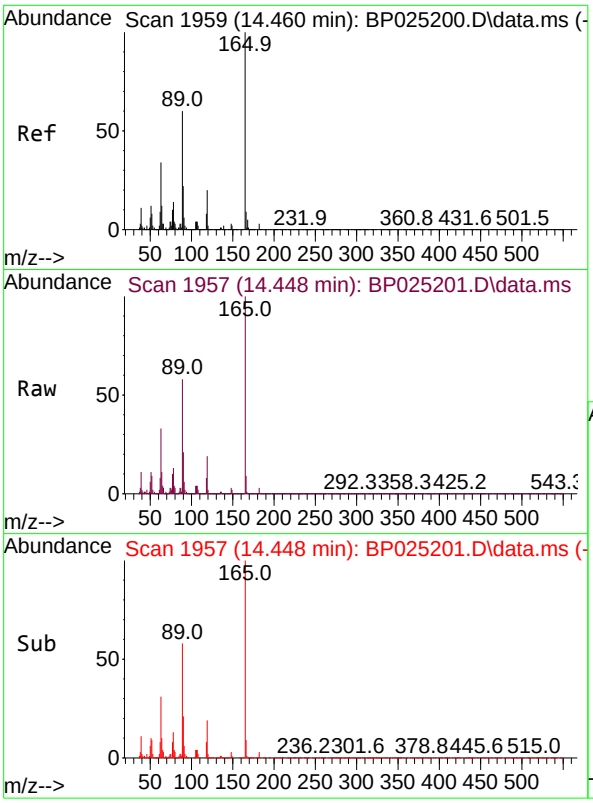




#56
4-Nitrophenol
Concen: 54.419 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:139 Resp: 1296281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.5 | 42.6 | 82.6 |
| 65 | 76.1 | 55.4 | 95.4 |



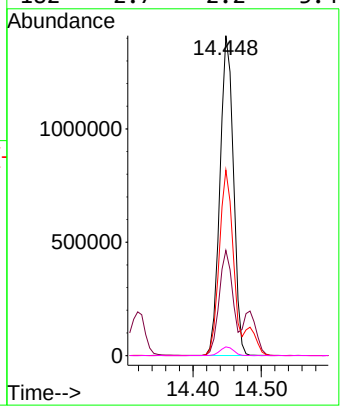


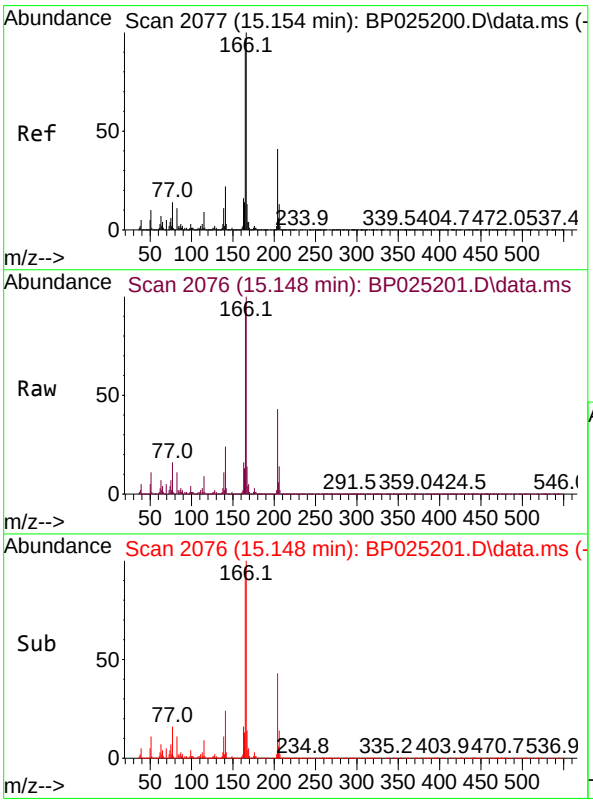

#57
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 1931788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.9 | 27.0 | 40.4 |
| 89 | 58.0 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |

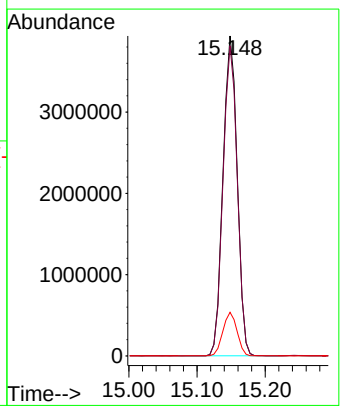


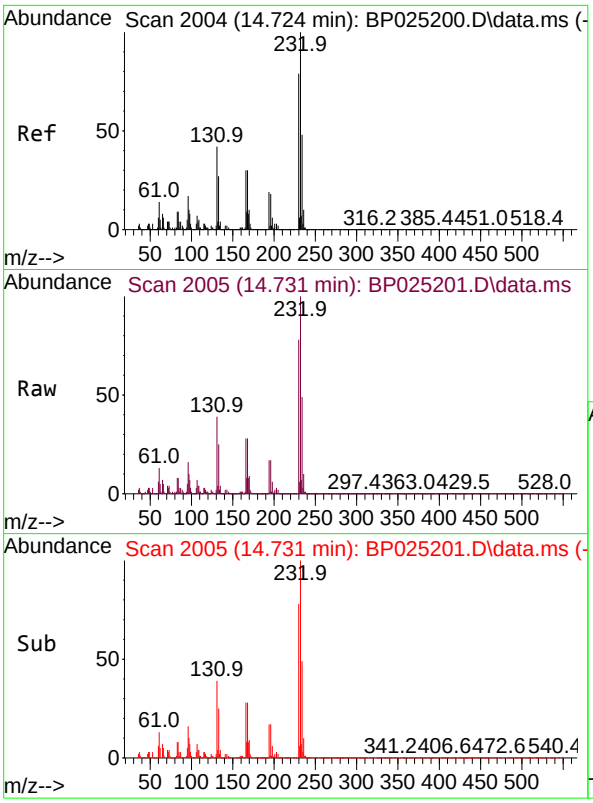




#58
Fluorene
Concen: 50.552 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:166 Resp: 5666693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



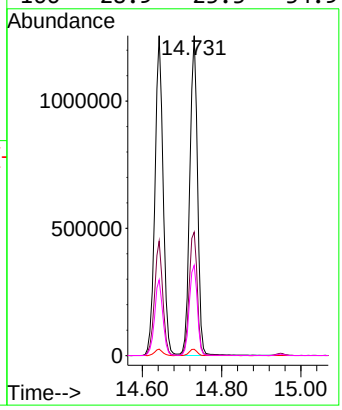


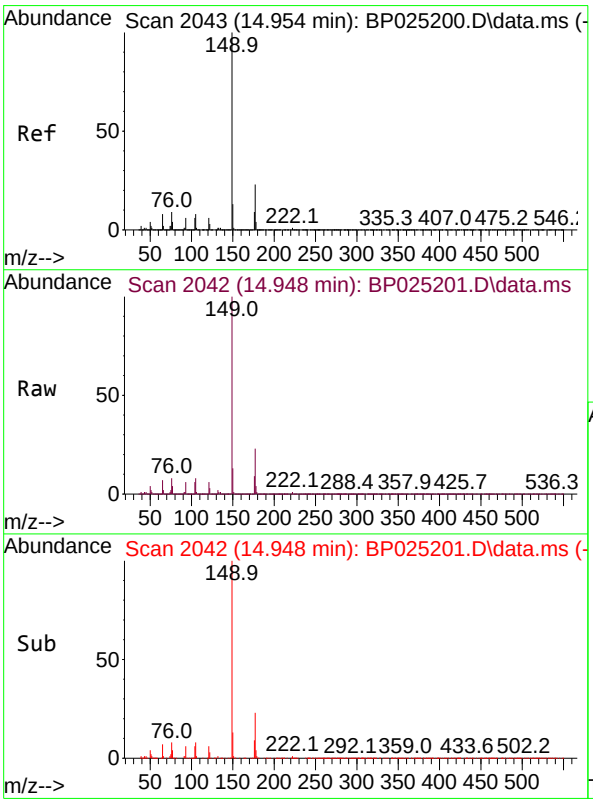

#59
2,3,4,6-Tetrachlorophenol
Concen: 53.430 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:232 Resp: 1711112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 28.9 | 23.3 | 34.9 |

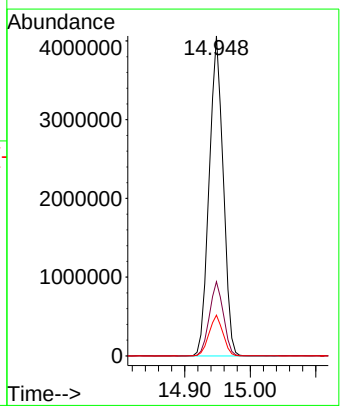


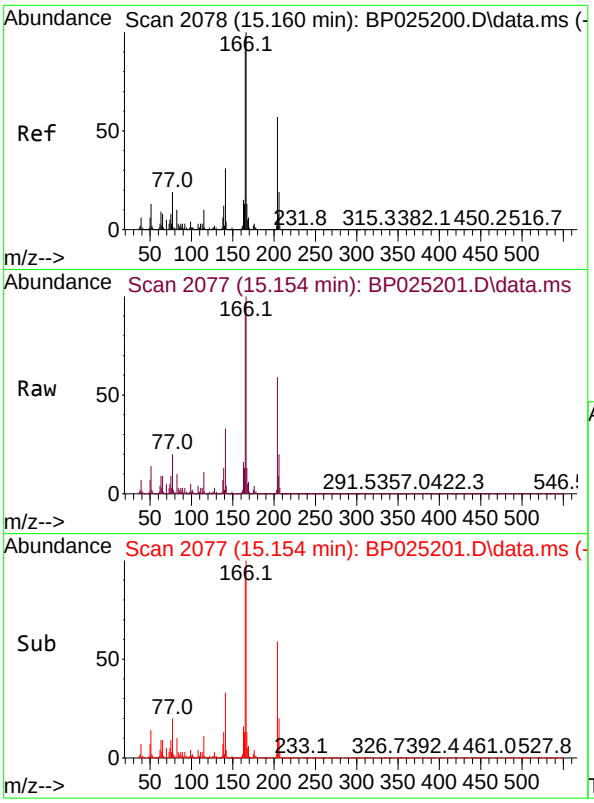




#60
Diethylphthalate
Concen: 52.170 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 6032748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.4 | 27.6 |
| 150 | 12.7 | 10.0 | 15.0 |



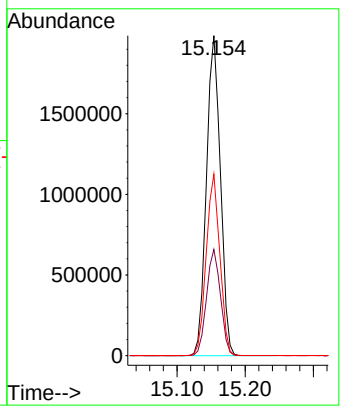


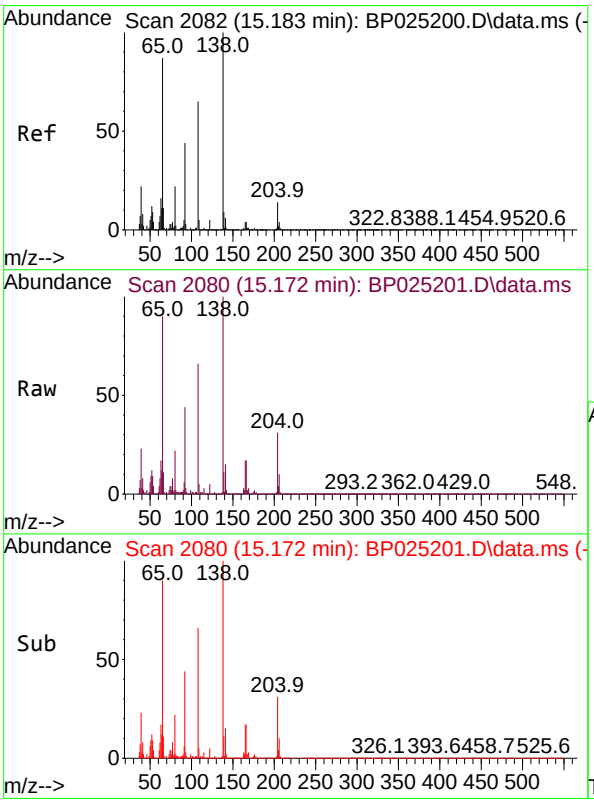

#61
4-Chlorophenyl-phenylether
Concen: 49.953 ng
RT: 15.154 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:204 Resp: 2822385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.3 | 39.5 |
| 141 | 56.7 | 43.0 | 64.6 |

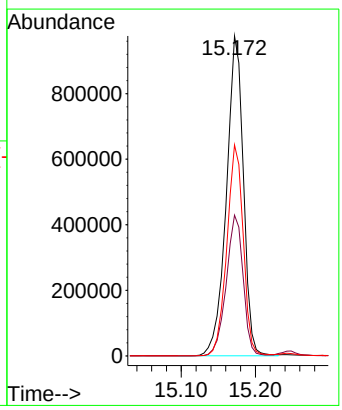


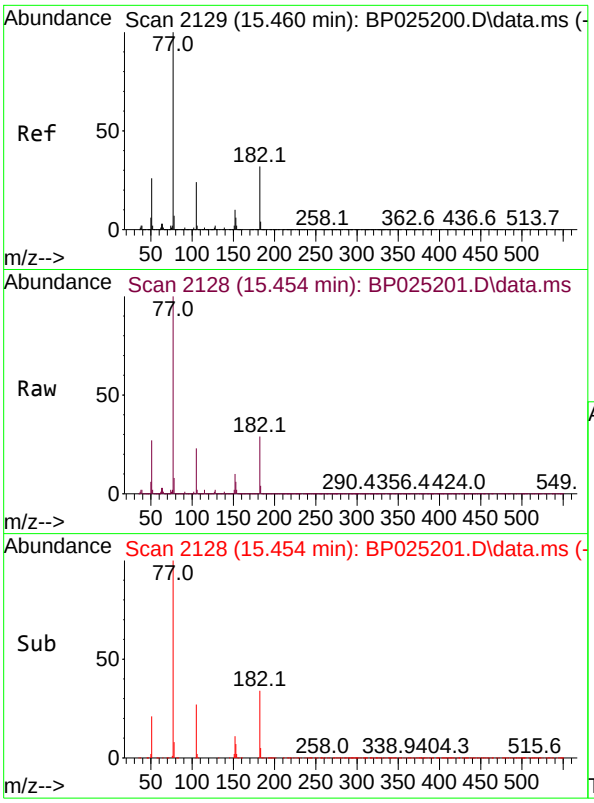




#62
4-Nitroaniline
Concen: 54.694 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:138 Resp: 1557916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.0 | 24.0 | 64.0 |
| 108 | 65.9 | 44.9 | 84.9 |



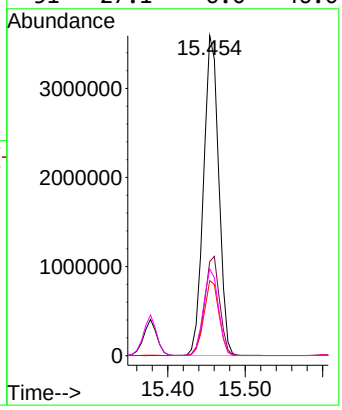


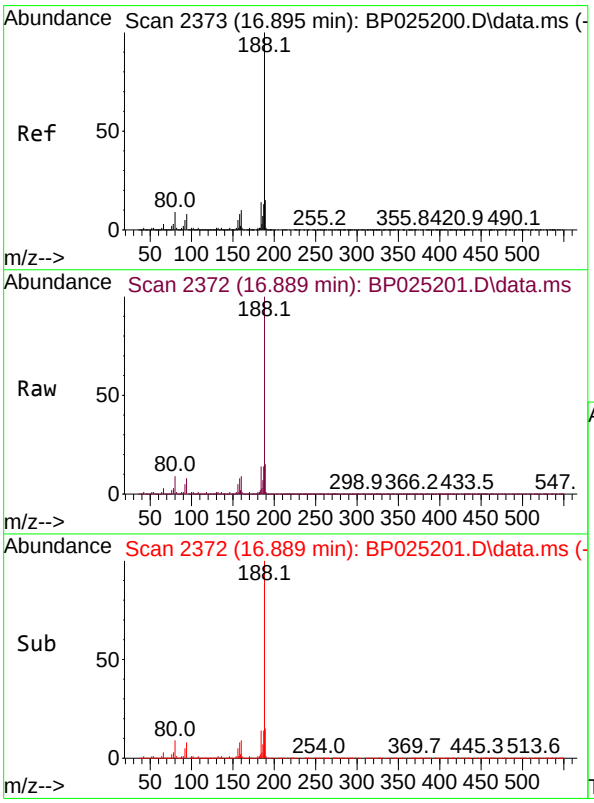

#63
Azobenzene
Concen: 52.623 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 4887978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.4 | 12.0 | 52.0 |
| 105 | 23.4 | 3.6 | 43.6 |
| 51 | 27.1 | 6.0 | 46.0 |

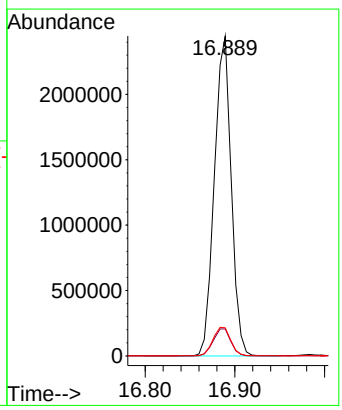


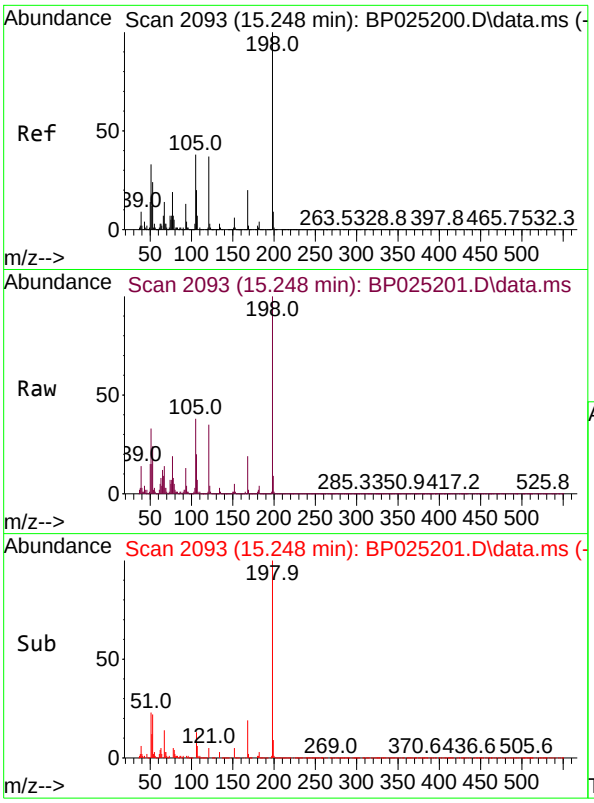




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:188 Resp: 3210937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |



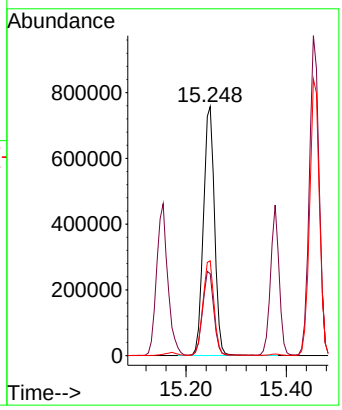


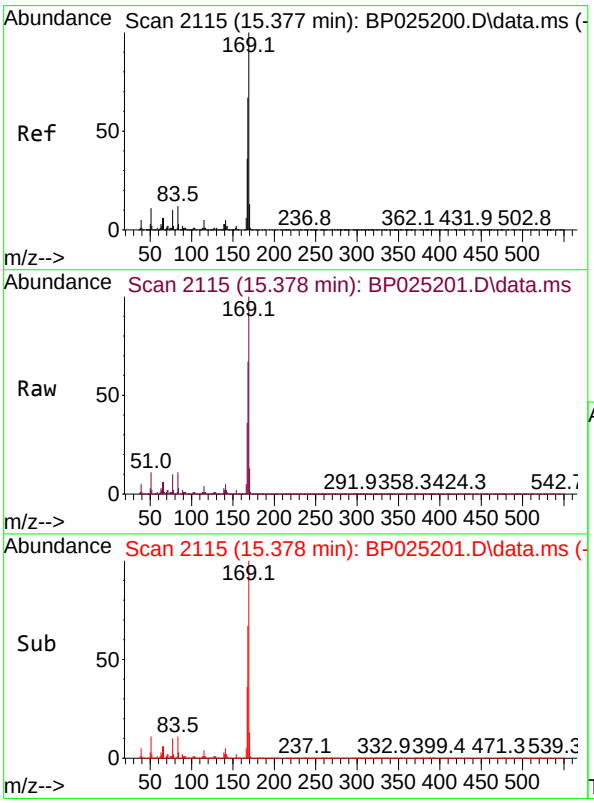

#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:198 Resp: 1165979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.9 | 14.6 | 54.6 |
| 105 | 38.1 | 18.3 | 58.3 |

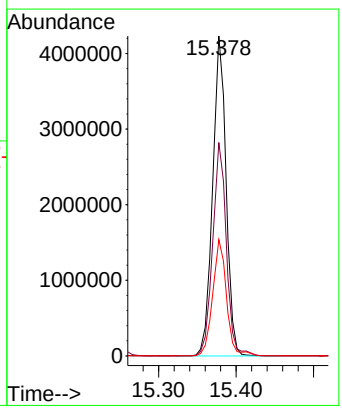


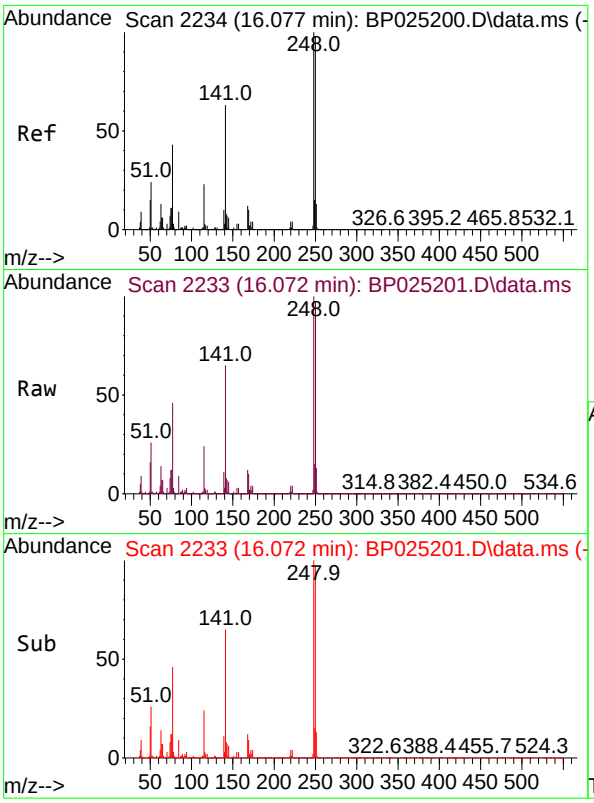




#66
n-Nitrosodiphenylamine
Concen: 50.889 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:169 Resp: 5088804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |



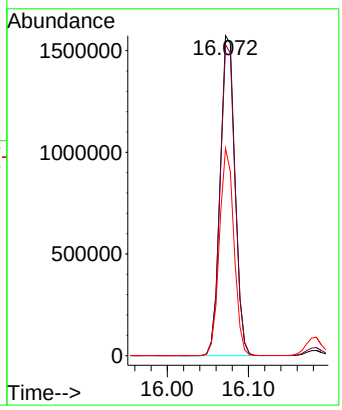


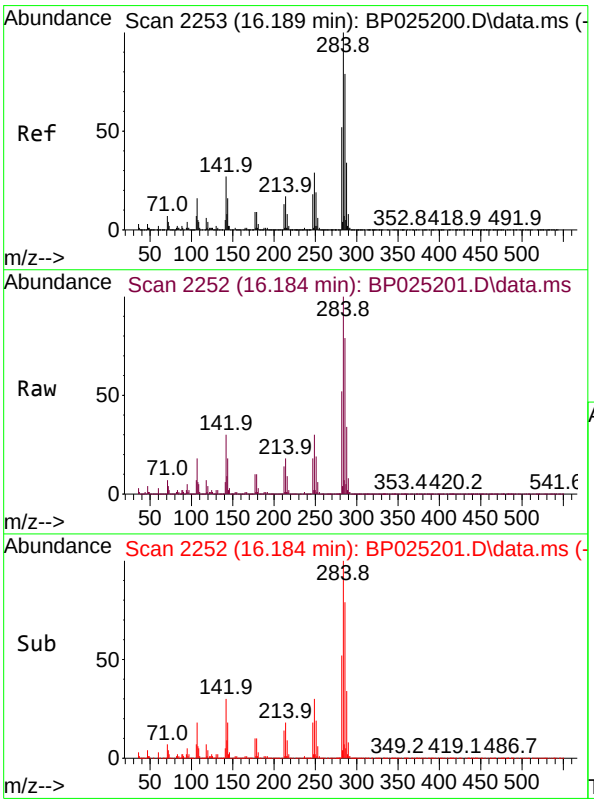

#67
4-Bromophenyl-phenylether
Concen: 52.573 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:248 Resp: 1990339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 78.5 | 117.7 |
| 141 | 64.8 | 50.5 | 75.7 |

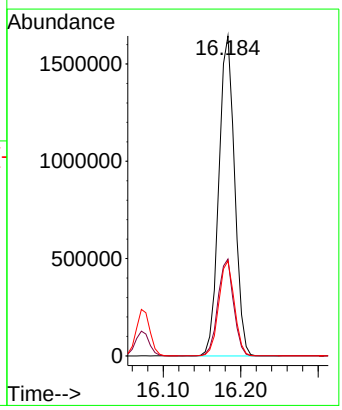


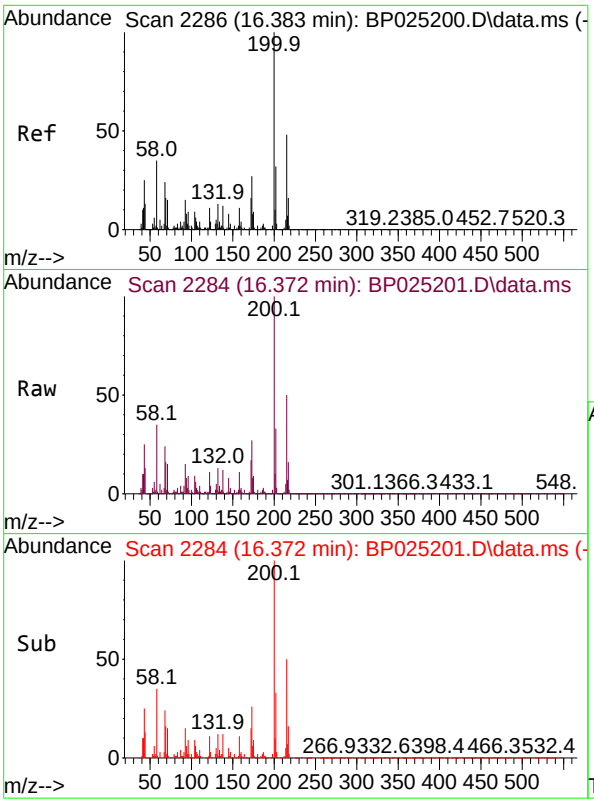




#68
Hexachlorobenzene
Concen: 51.350 ng
RT: 16.184 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:284 Resp: 2321405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.3 | 21.5 | 32.3 |
| 249 | 29.7 | 23.4 | 35.0 |



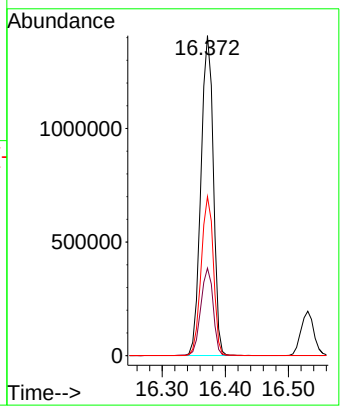


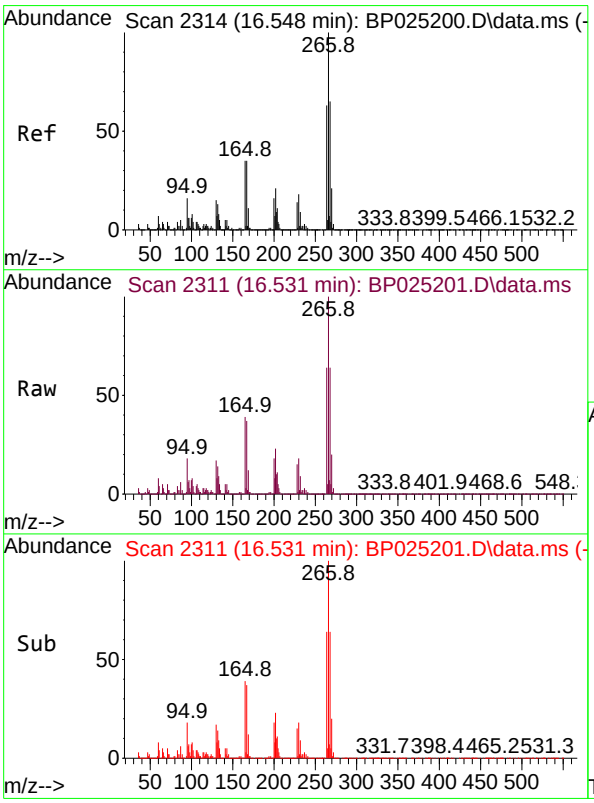

#69
Atrazine
Concen: 52.693 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:200 Resp: 1920612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 7.4 | 47.4 |
| 215 | 49.7 | 28.5 | 68.5 |

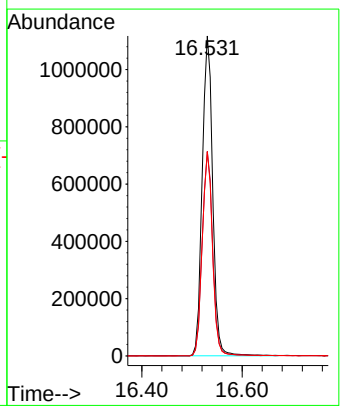


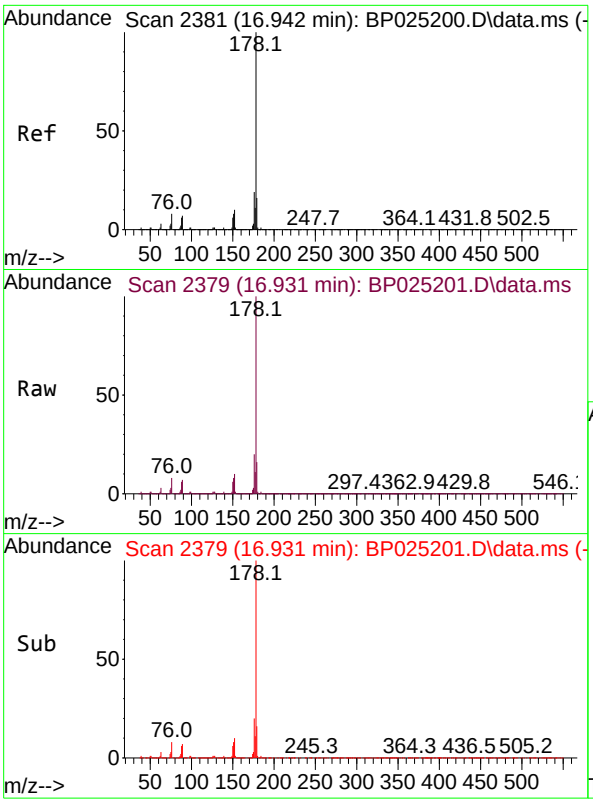




#70
Pentachlorophenol
Concen: 54.041 ng
RT: 16.531 min Scan# 2311
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:266 Resp: 1626155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.8 | 77.6 |
| 264 | 63.8 | 50.3 | 75.5 |



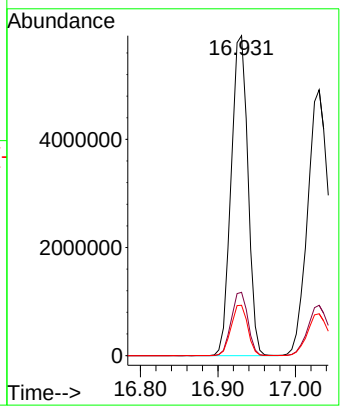


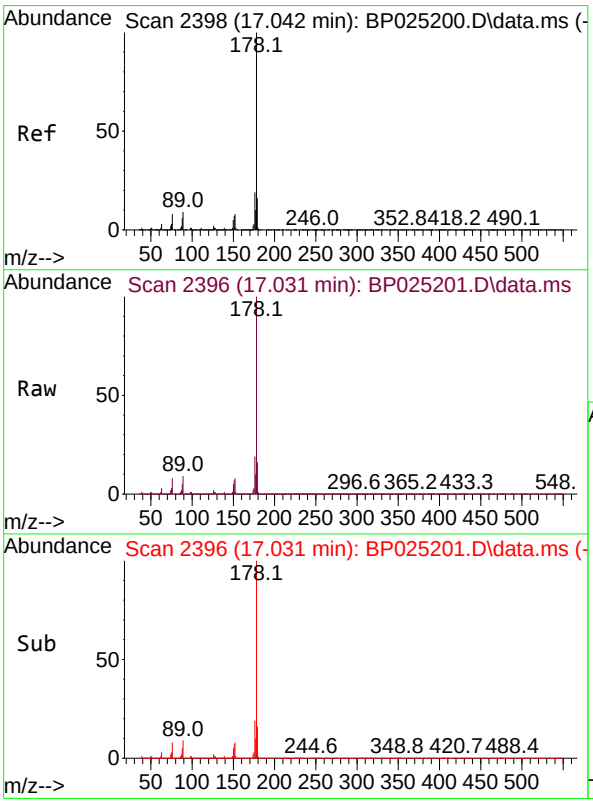

#71
Phenanthrene
Concen: 49.912 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:178 Resp: 8929922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |

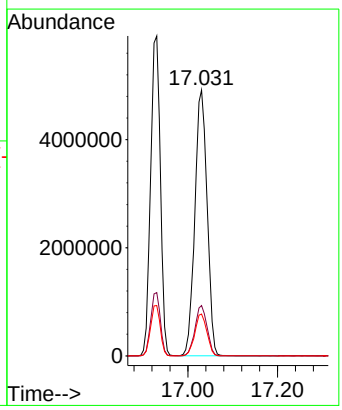


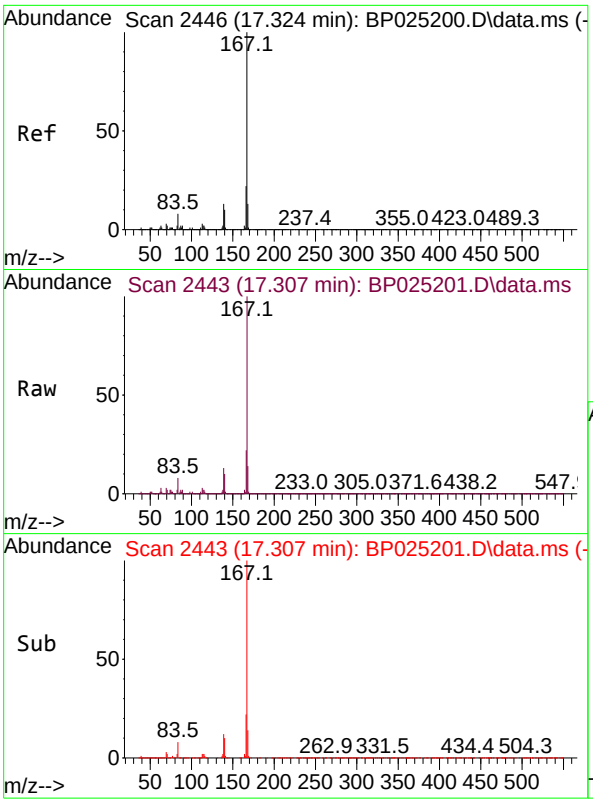




#72
Anthracene
Concen: 51.310 ng
RT: 17.031 min Scan# 2396
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:178 Resp: 9319174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



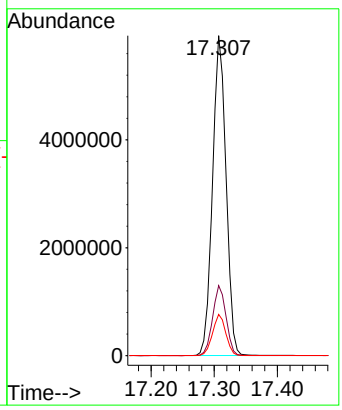


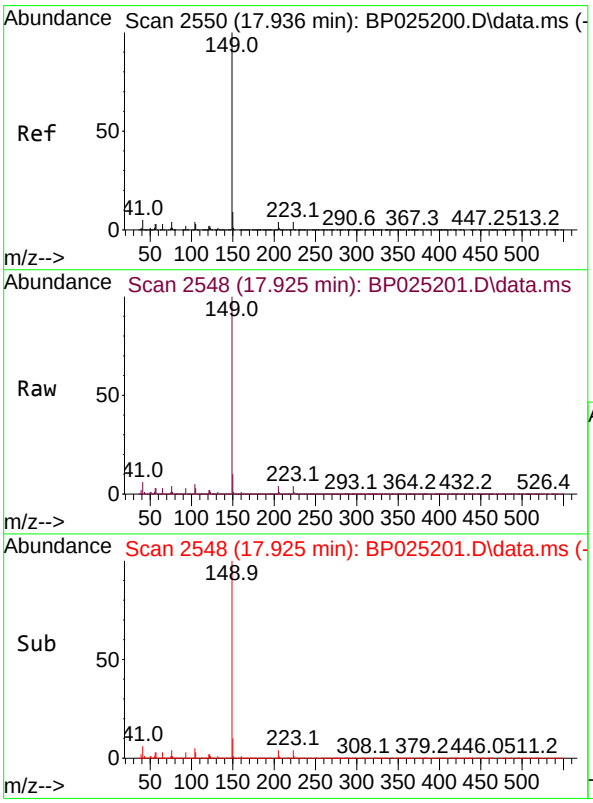

#73
Carbazole
Concen: 51.147 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:167 Resp: 8838811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.3 | 25.9 |
| 139 | 12.9 | 10.1 | 15.1 |

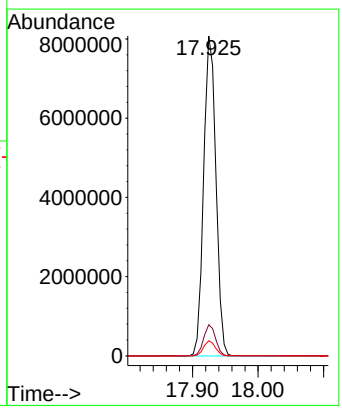


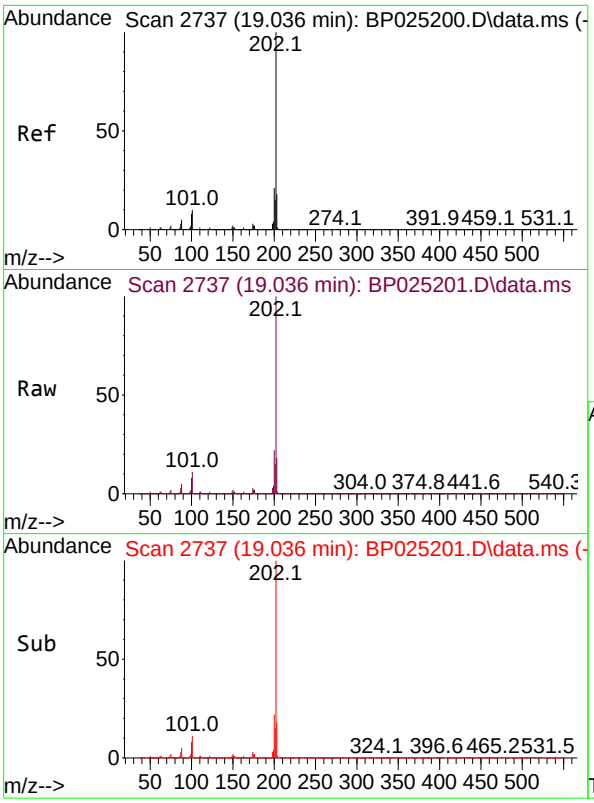




#74
Di-n-butylphthalate
Concen: 51.501 ng
RT: 17.925 min Scan# 2548
Delta R.T. -0.011 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp:10436099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.6 | 11.4 |
| 104 | 4.7 | 3.5 | 5.3 |



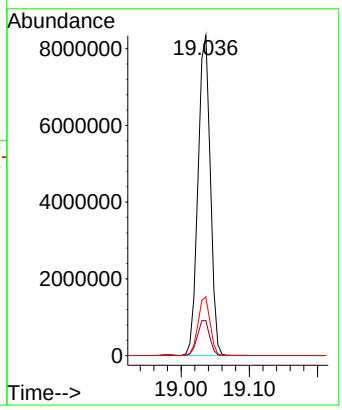


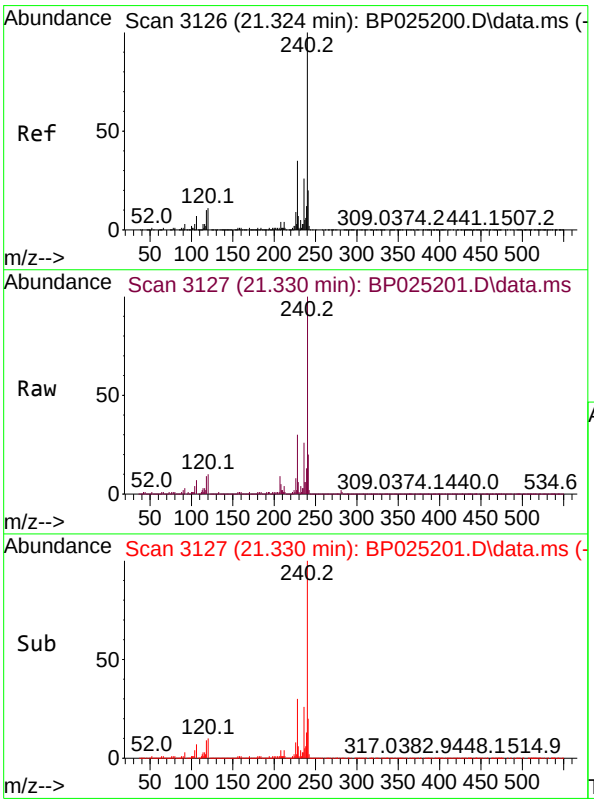

#75
Fluoranthene
Concen: 49.574 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:202 Resp:10486987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.3 |
| 203 | 18.4 | 0.0 | 38.0 |

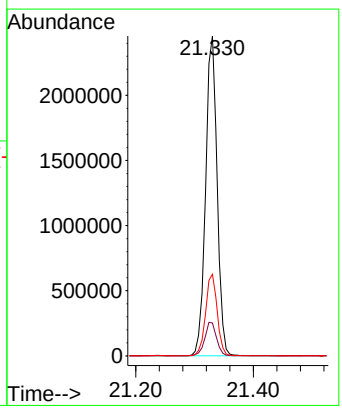


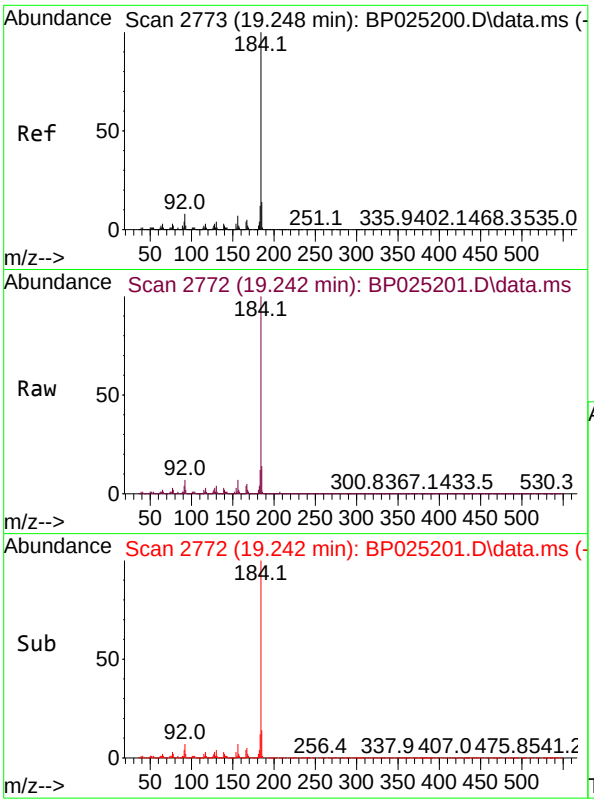




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:240 Resp: 3337112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |



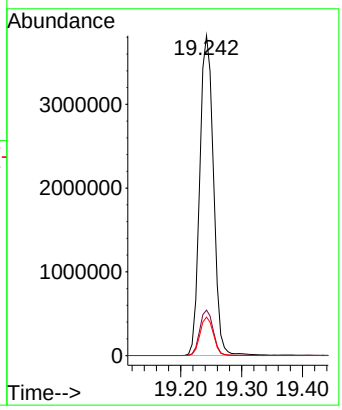


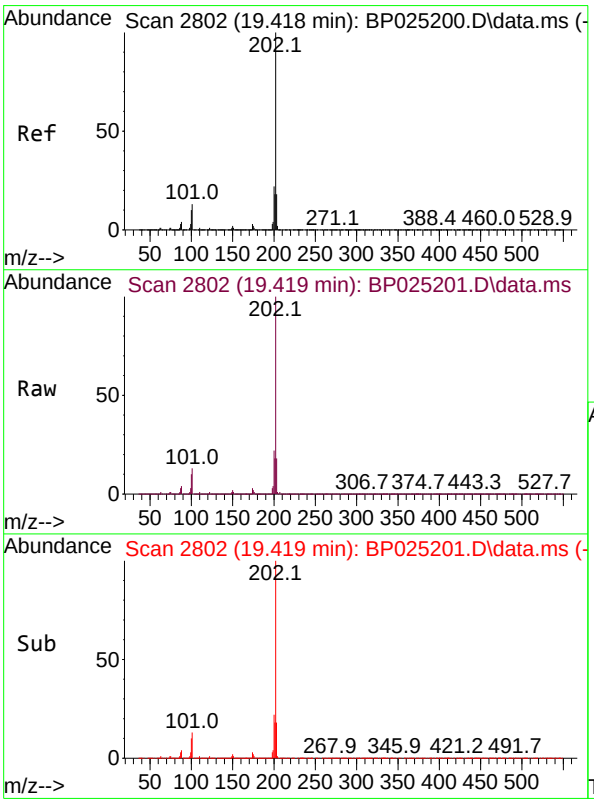

#77
Benzidine
Concen: 46.861 ng
RT: 19.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:184 Resp: 5973577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.5 | 17.3 |
| 183 | 12.0 | 9.6 | 14.4 |

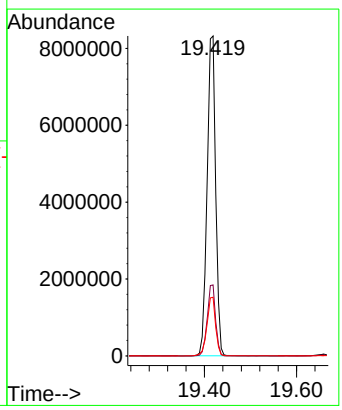


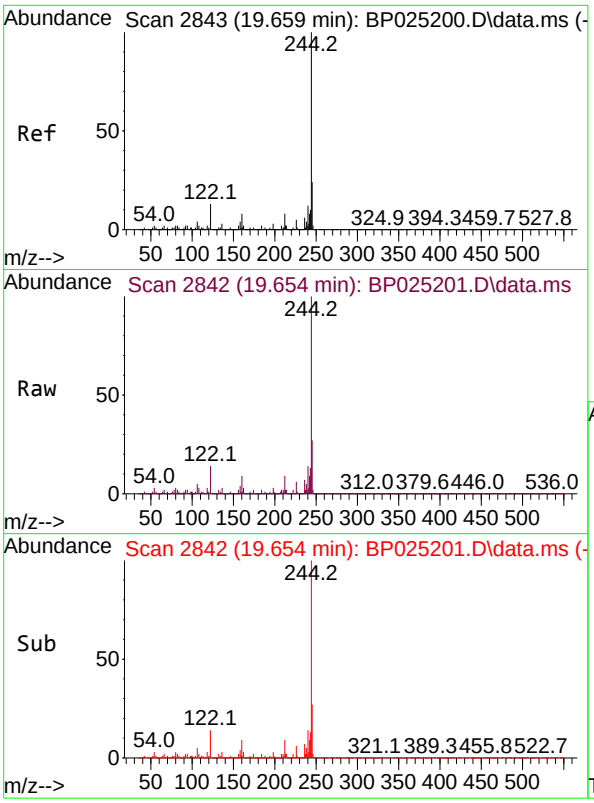




#78
Pyrene
Concen: 50.310 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:202 Resp:10669709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.4 | 26.2 |
| 203 | 18.3 | 14.3 | 21.5 |



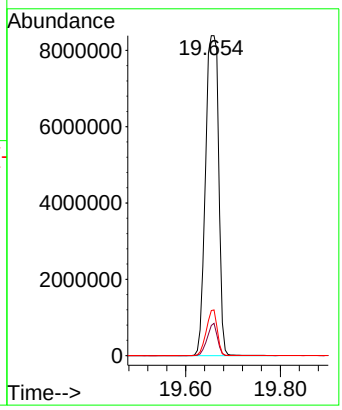


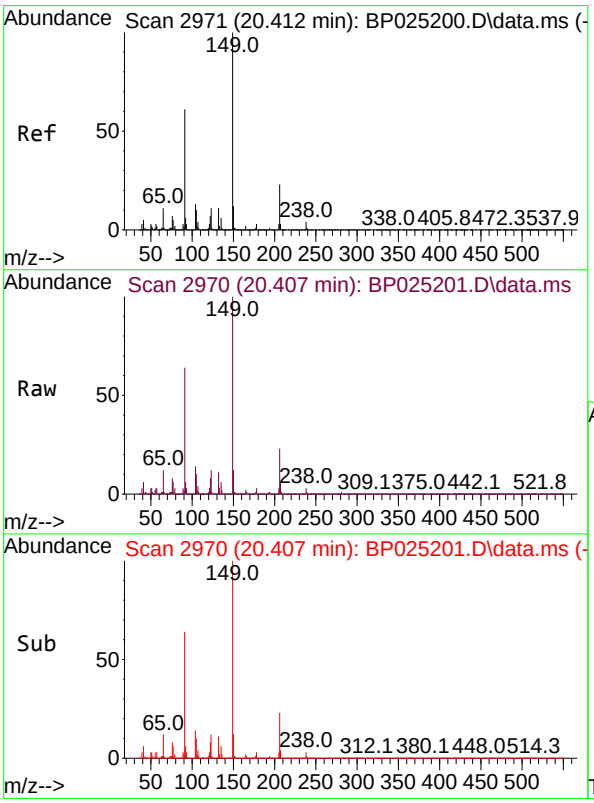

#79
Terphenyl-d14
Concen: 90.322 ng
RT: 19.654 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:244 Resp:16139665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.4 | 6.6 | 9.8 |
| 122 | 14.1 | 10.3 | 15.5 |

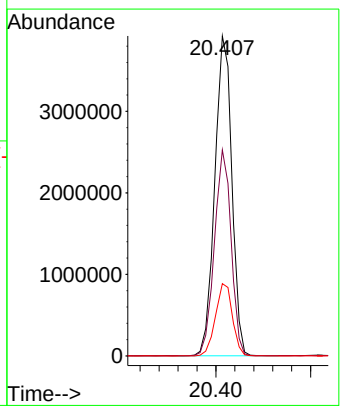


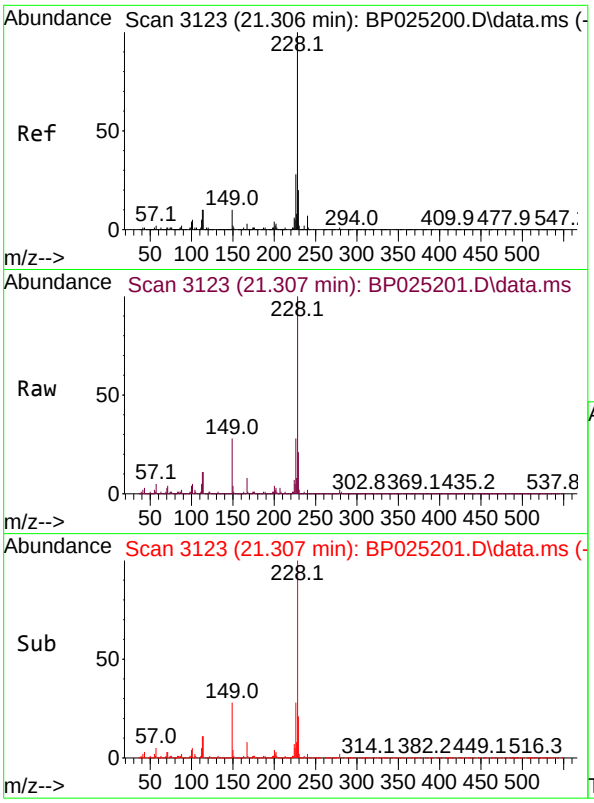




#80
Butylbenzylphthalate
Concen: 52.320 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 4896472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.4 | 48.8 | 73.2 |
| 206 | 22.6 | 18.4 | 27.6 |



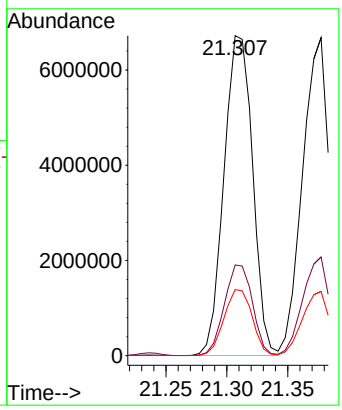


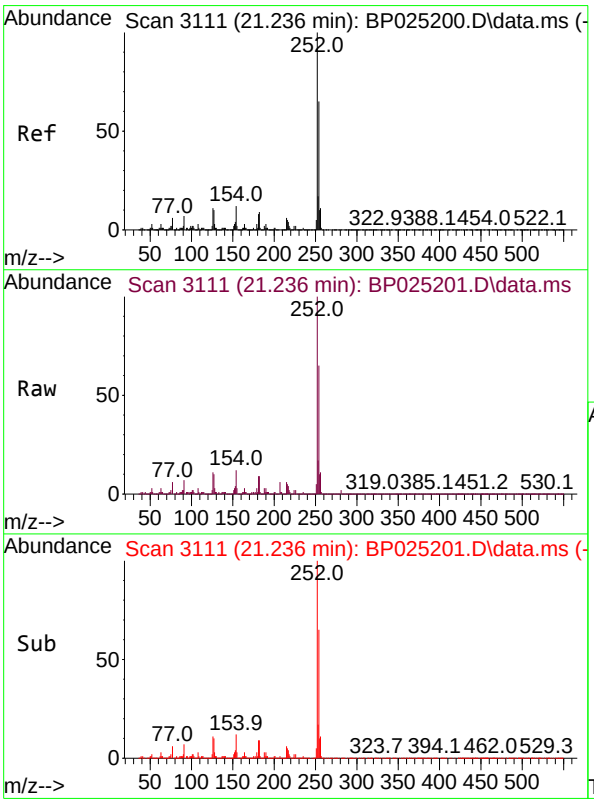

#81
Benzo(a)anthracene
Concen: 50.804 ng
RT: 21.307 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp:11027653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.3 | 33.5 |
| 229 | 20.6 | 16.2 | 24.2 |

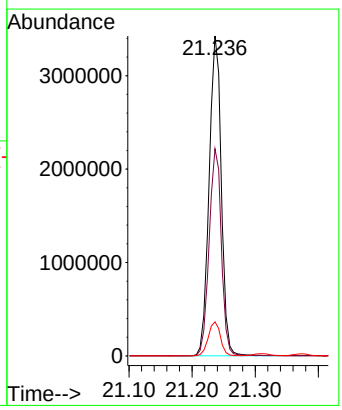


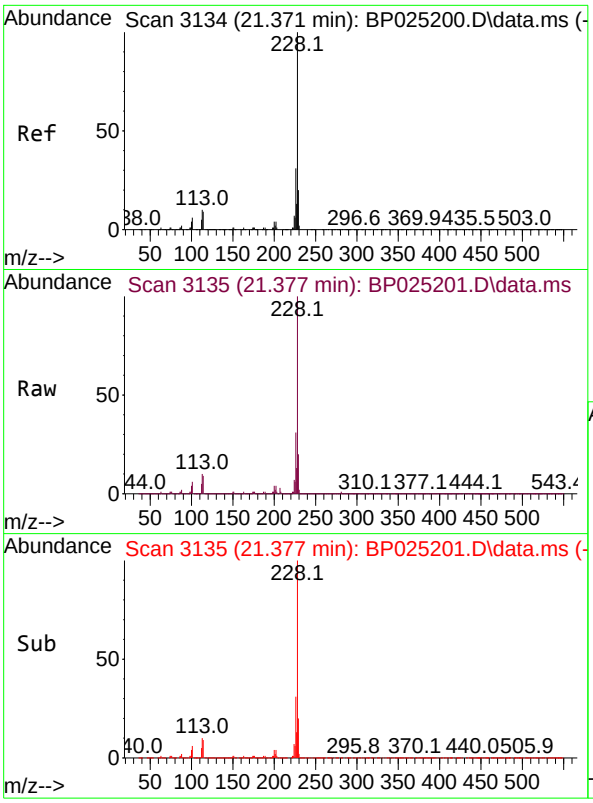




#82
3,3'-Dichlorobenzidine
Concen: 51.576 ng
RT: 21.236 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp: 4590583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 52.1 | 78.1 |
| 126 | 10.6 | 8.6 | 12.8 |



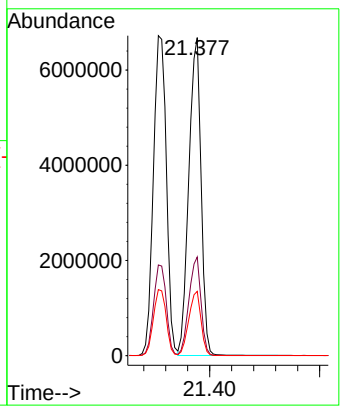


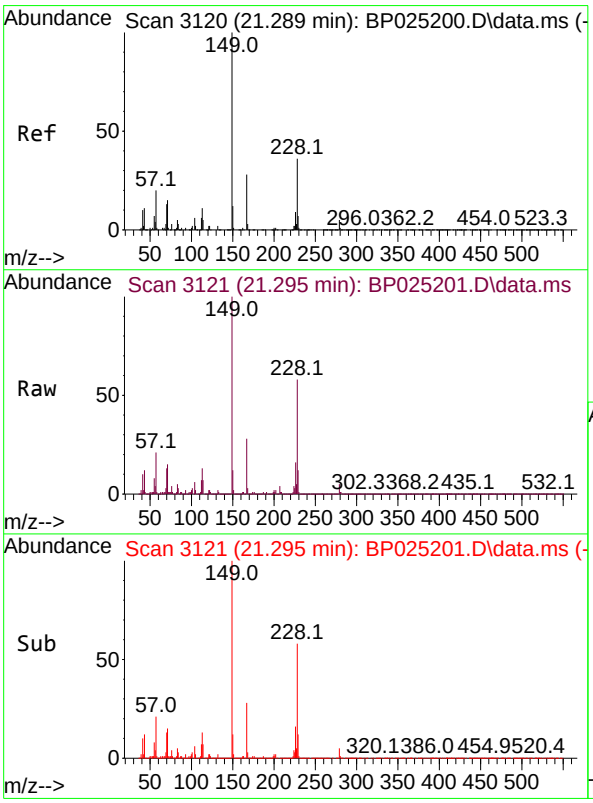

#83
Chrysene
Concen: 50.942 ng
RT: 21.377 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp:10311953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |

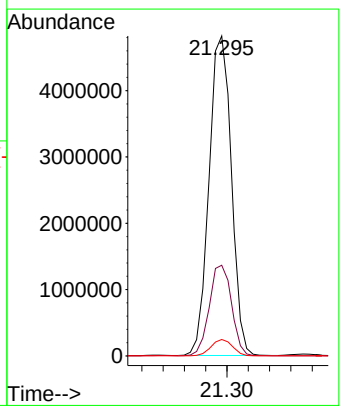


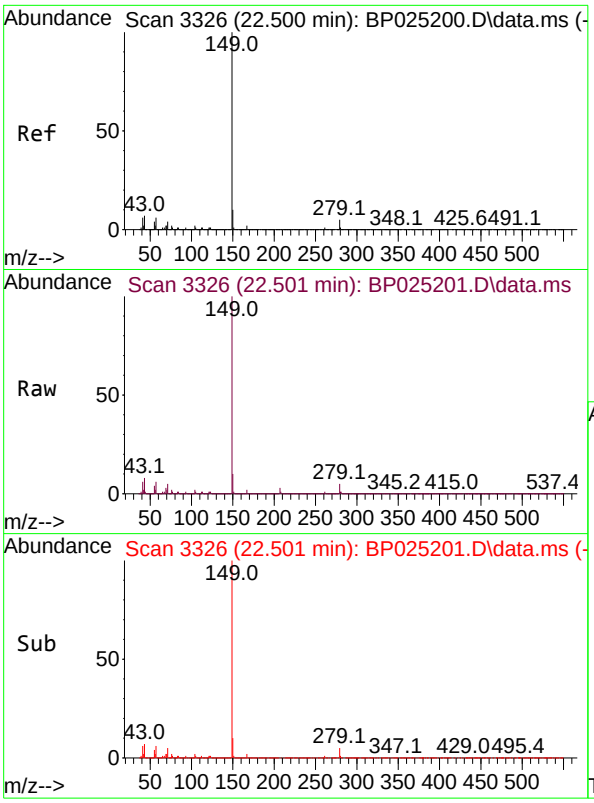




#84
Bis(2-ethylhexyl)phthalate
Concen: 51.373 ng
RT: 21.295 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:149 Resp: 7009358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.6 | 34.0 |
| 279 | 5.1 | 4.0 | 6.0 |



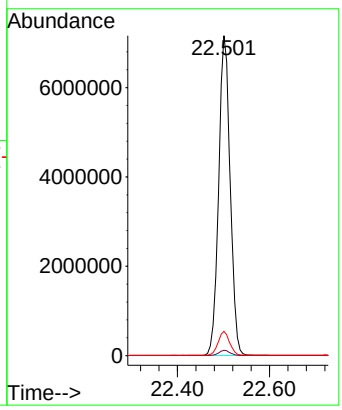


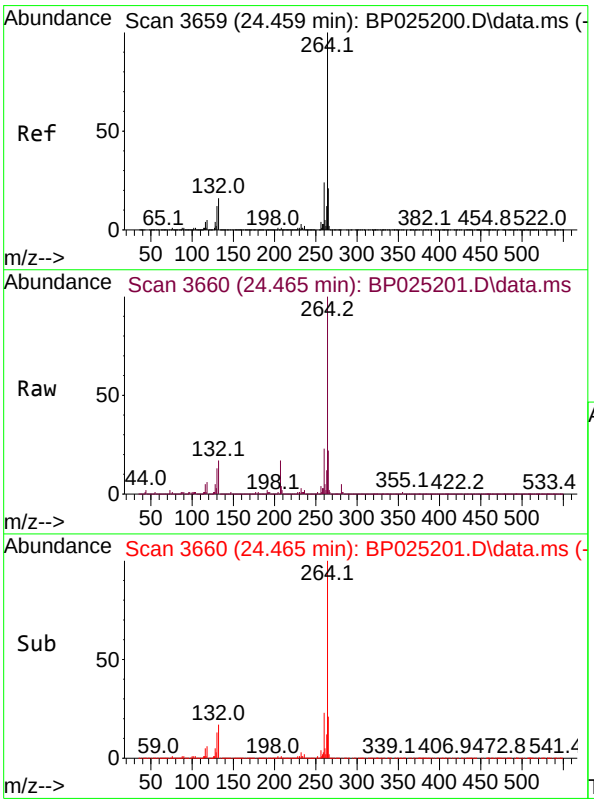

#85
Di-n-octyl phthalate
Concen: 52.335 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:149 Resp:12446110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

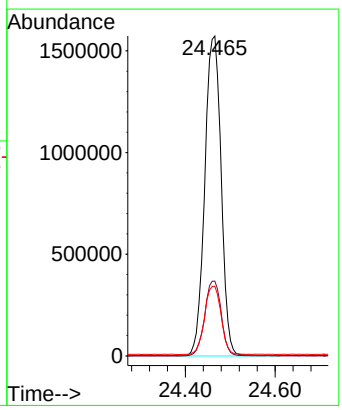


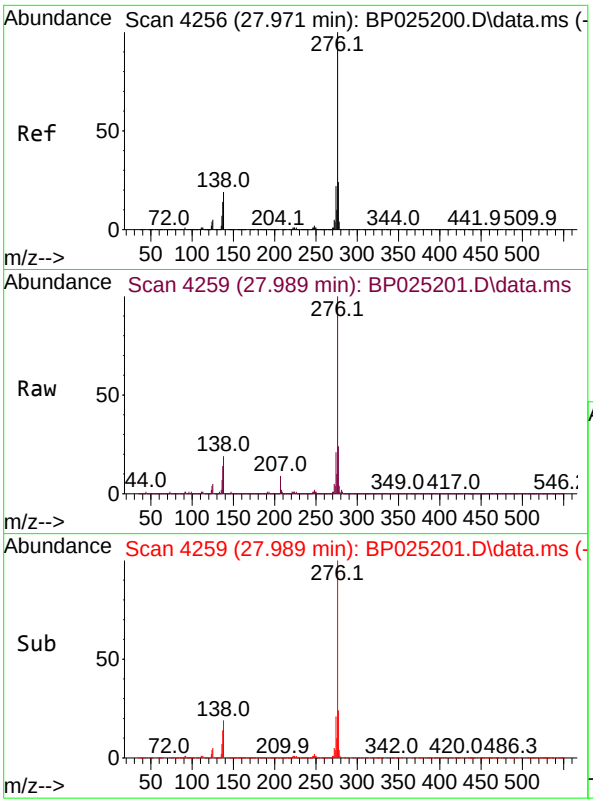




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:264 Resp: 3976559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 21.8 | 17.5 | 26.3 |



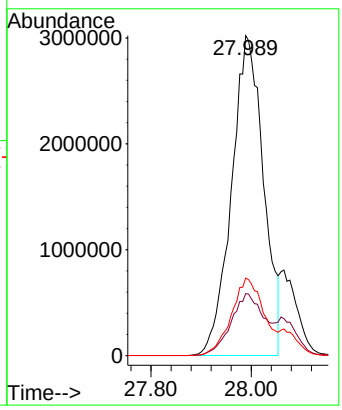


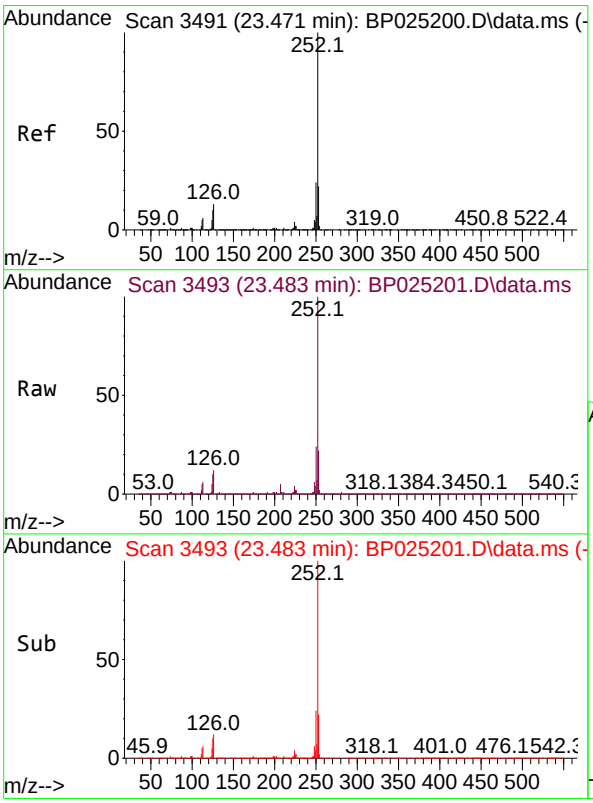

#87
Indeno(1,2,3-cd)pyrene
Concen: 45.723 ng
RT: 27.989 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:276 Resp:13365301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.8 | 12.8 | 19.2# |
| 277 | 24.7 | 20.3 | 30.5 |

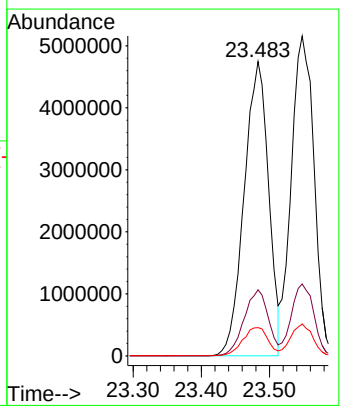


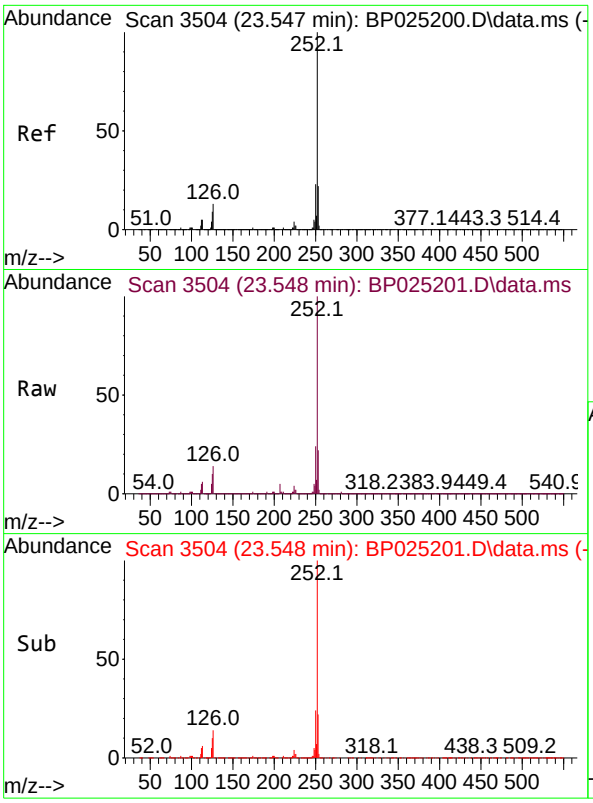




#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11802054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 9.6 | 7.8 | 11.8 |



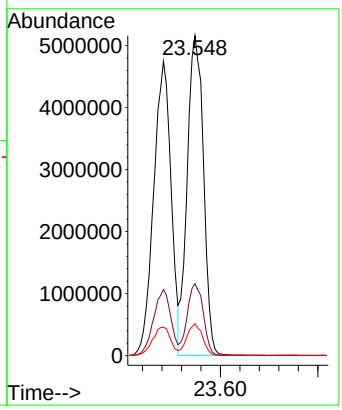


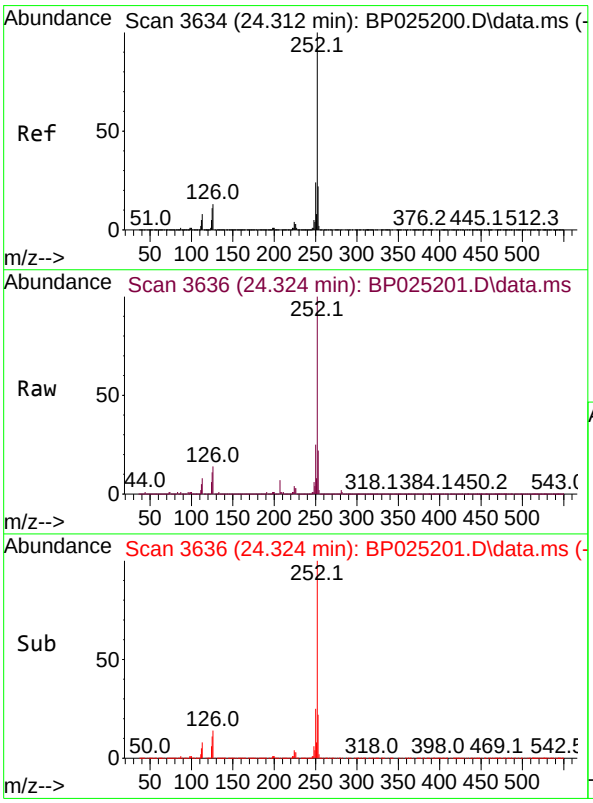

#89
Benzo(k)fluoranthene
Concen: 51.862 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:252 Resp:11941338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.8 | 26.6 |
| 125 | 10.0 | 7.5 | 11.3 |

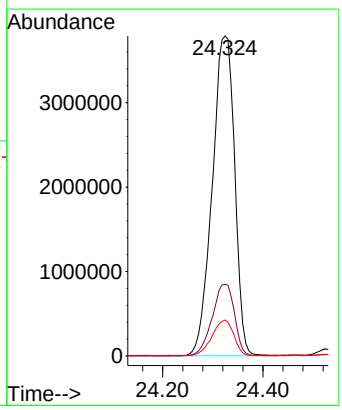


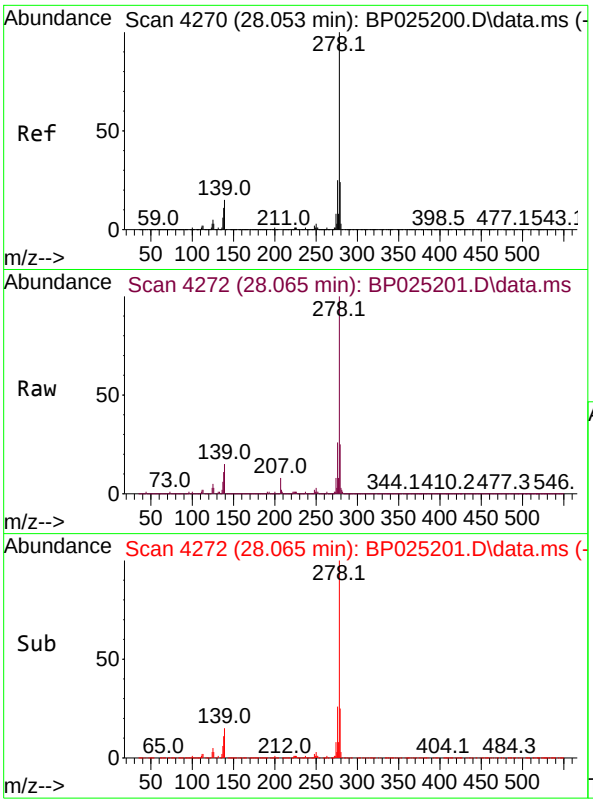




#90
Benzo(a)pyrene
Concen: 52.237 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:252 Resp:11759136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.6 |
| 125 | 11.2 | 8.6 | 12.8 |



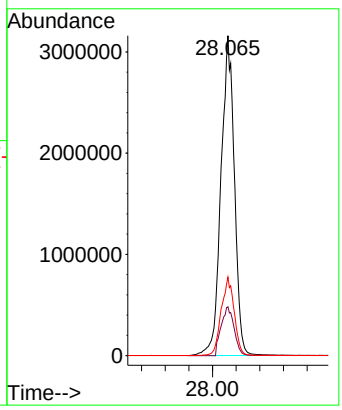


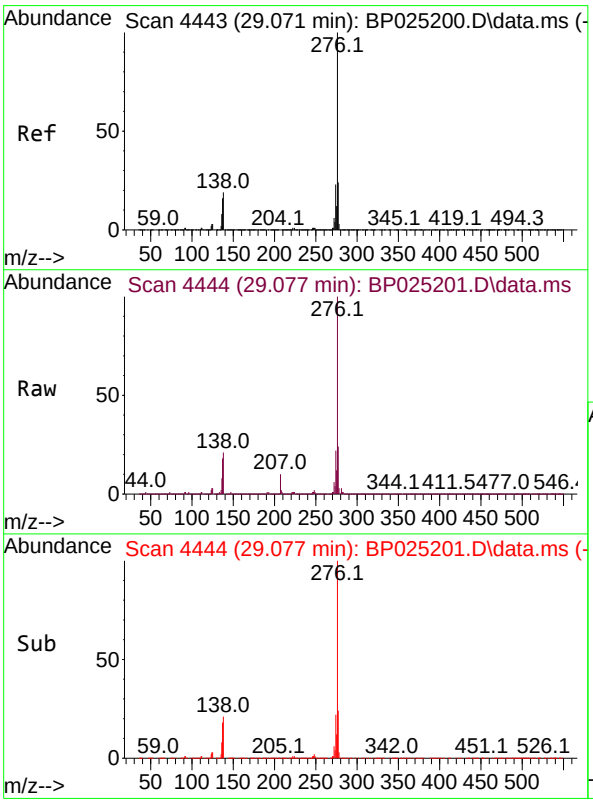

#91
Dibenzo(a,h)anthracene
Concen: 51.898 ng
RT: 28.065 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:278 Resp:12441007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.3 | 12.0 | 18.0 |
| 279 | 24.6 | 19.5 | 29.3 |

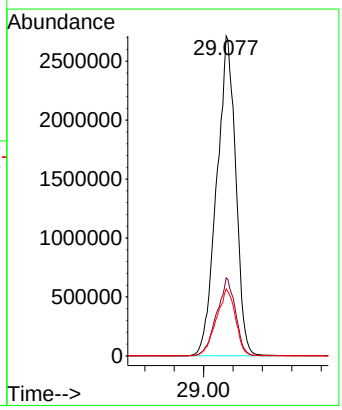



#92
Benzo(g,h,i)perylene
Concen: 51.884 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025201.D
Acq: 21 Jul 2025 17:51

Tgt Ion:276 Resp:12183528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.2 | 28.8 |
| 138 | 20.9 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 733748 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 3008435 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1899722 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 3857742 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.336 | 240 | 3752201 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.460 | 264 | 4584448 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 6557069 | 149.291 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 8210908 | 151.423 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 7999353 | 145.785 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.619 | 330 | 4276015 | 151.370 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 17101882 | 119.181 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 16467563 | 81.962 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 1224318 | 74.170 | ng | | 100 |
| 3) Pyridine | 3.490 | 79 | 3390800 | 77.556 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 1359921 | 78.815 | ng | | 98 |
| 6) Aniline | 6.784 | 93 | 5470258 | 77.576 | ng | | 100 |
| 8) 2-Chlorophenol | 7.008 | 128 | 3817569 | 77.248 | ng | | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 2187532 | 56.451 | ng | | 99 |
| 10) Phenol | 6.666 | 94 | 4302363 | 76.687 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 3282232 | 76.196 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 4192818 | 74.781 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 4246480 | 75.053 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 4111863 | 75.632 | ng | | 100 |
| 15) Benzyl Alcohol | 7.672 | 79 | 3024971 | 77.828 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 4186533 | 75.769 | ng | | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 3006945 | 77.489 | ng | | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 1488292 | 77.034 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.237 | 70 | 2435834 | 74.535 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.207 | 107 | 4068704 | 76.765 | ng | | 98 |
| 22) Acetophenone | 8.243 | 105 | 5133884 | 72.049 | ng | # | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 3658209 | 75.229 | ng | | 98 |
| 25) Isophorone | 9.143 | 82 | 7223163 | 75.163 | ng | | 99 |
| 26) 2-Nitrophenol | 9.302 | 139 | 2240908 | 81.871 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.378 | 122 | 3551153 | 76.211 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 4412252 | 73.133 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 3685883 | 77.123 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.043 | 180 | 3927729 | 74.689 | ng | | 100 |
| 31) Naphthalene | 10.231 | 128 | 11319955 | 72.252 | ng | | 99 |
| 32) Benzoic acid | 9.590 | 122 | 3001596 | 88.203 | ng | | 99 |
| 33) 4-Chloroaniline | 10.337 | 127 | 5125849 | 75.351 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 2369882 | 75.041 | ng | | 99 |
| 35) Caprolactam | 11.154 | 113 | 1081158 | 68.740 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 3678461 | 77.068 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.848 | 142 | 7455840 | 73.577 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 7690366 | 71.955 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 4340312 | 75.446 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 2895907 | 88.768 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.478 | 196 | 3076273 | 79.138 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration

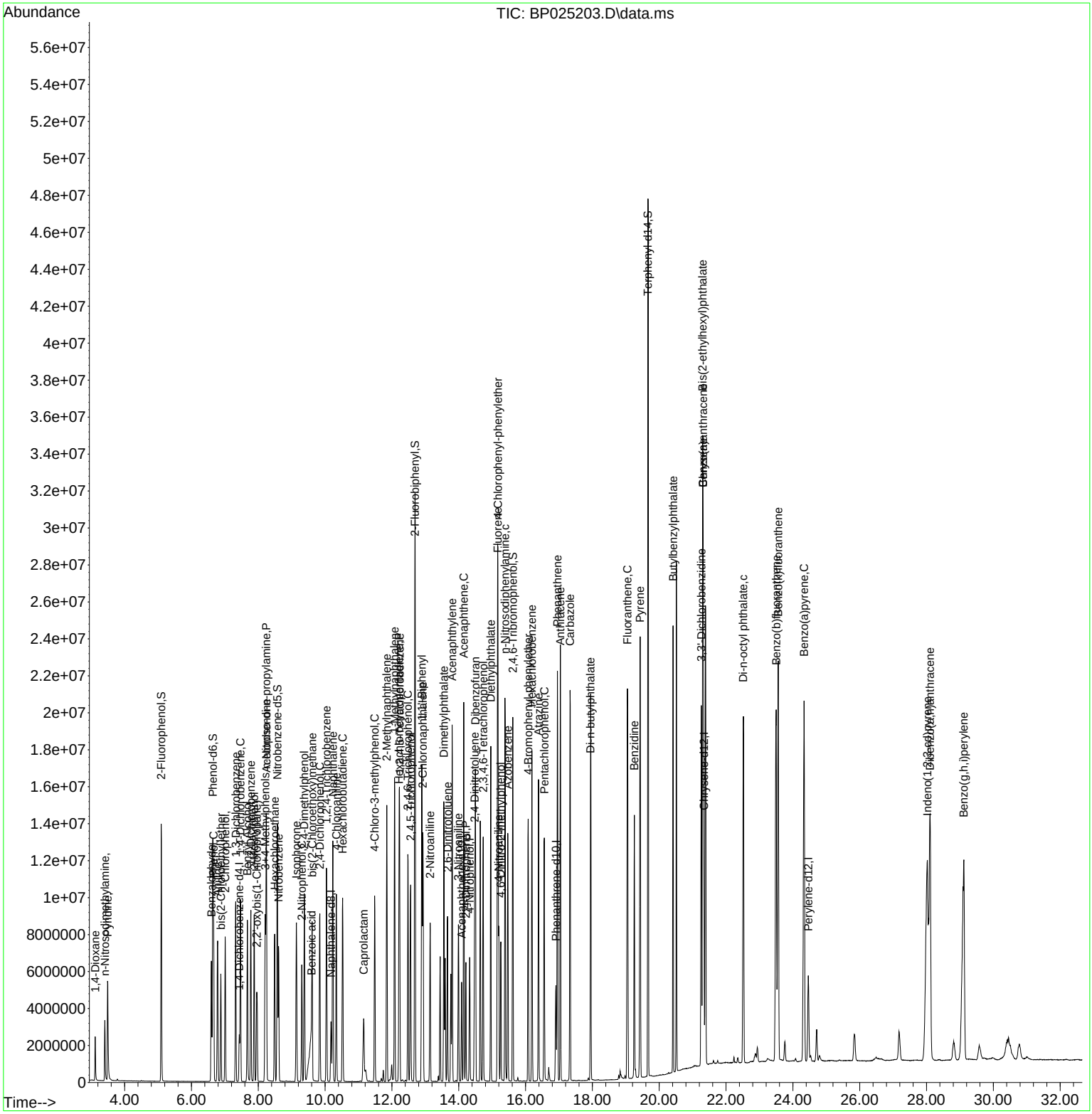
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 3347418 | 78.125 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.895 | 154 | 10154378 | 72.288 | ng | | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 8143502 | 74.828 | ng | | 100 |
| 48) 2-Nitroaniline | 13.143 | 65 | 2203215 | 80.707 | ng | | 98 |
| 49) Acenaphthylene | 13.801 | 152 | 12310461 | 68.982 | ng | | 94 |
| 50) Dimethylphthalate | 13.554 | 163 | 9992464 | 72.091 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.666 | 165 | 2352035 | 80.161 | ng | | 98 |
| 52) Acenaphthene | 14.148 | 154 | 7352873 | 71.522 | ng | | 99 |
| 53) 3-Nitroaniline | 13.990 | 138 | 2663404 | 80.451 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.213 | 184 | 1560749 | 94.925 | ng | | 96 |
| 55) Dibenzofuran | 14.495 | 168 | 11781763 | 70.782 | ng | | 97 |
| 56) 4-Nitrophenol | 14.325 | 139 | 2263623 | 80.237 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.478 | 165 | 3321462 | 81.257 | ng | | 99 |
| 58) Fluorene | 15.160 | 166 | 9278378 | 69.887 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.731 | 232 | 2961338 | 78.074 | ng | | 99 |
| 60) Diethylphthalate | 14.960 | 149 | 9739656 | 71.116 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.172 | 204 | 4730340 | 70.690 | ng | | 100 |
| 62) 4-Nitroaniline | 15.195 | 138 | 2685203 | 79.596 | ng | | 97 |
| 63) Azobenzene | 15.466 | 77 | 8319717 | 75.626 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.260 | 198 | 2092932 | 86.660 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.384 | 169 | 8318929 | 69.242 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.078 | 248 | 3392847 | 74.593 | ng | | 99 |
| 68) Hexachlorobenzene | 16.189 | 284 | 3958634 | 72.885 | ng | | 95 |
| 69) Atrazine | 16.389 | 200 | 3266485 | 74.592 | ng | | 99 |
| 70) Pentachlorophenol | 16.560 | 266 | 2852574 | 78.904 | ng | | 99 |
| 71) Phenanthrene | 16.954 | 178 | 14380185 | 66.900 | ng | | 93 |
| 72) Anthracene | 17.036 | 178 | 13655221 | 62.578 | ng | | 94 |
| 73) Carbazole | 17.331 | 167 | 13502968 | 65.036 | ng | # | 92 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 14237898 | 58.482 | ng | | 97 |
| 75) Fluoranthene | 19.048 | 202 | 17185754 | 67.620 | ng | | 94 |
| 77) Benzidine | 19.254 | 184 | 7975723 | 55.646 | ng | | 100 |
| 78) Pyrene | 19.425 | 202 | 16361302 | 68.613 | ng | # | 91 |
| 80) Butylbenzylphthalate | 20.413 | 149 | 8056925 | 76.566 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.313 | 228 | 16742085 | 68.598 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.260 | 252 | 7248237 | 72.426 | ng | | 100 |
| 83) Chrysene | 21.313 | 228 | 16742085 | 73.558 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 10793960 | 70.360 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.513 | 149 | 18225919 | 68.160 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.024 | 276 | 21743066 | 64.520 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.501 | 252 | 19418416 | 72.630 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.560 | 252 | 18389745 | 69.278 | ng | | 95 |
| 90) Benzo(a)pyrene | 24.336 | 252 | 19250934 | 74.177 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.101 | 278 | 20686577 | 74.852 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.112 | 276 | 20810607 | 76.871 | ng | | 99 |

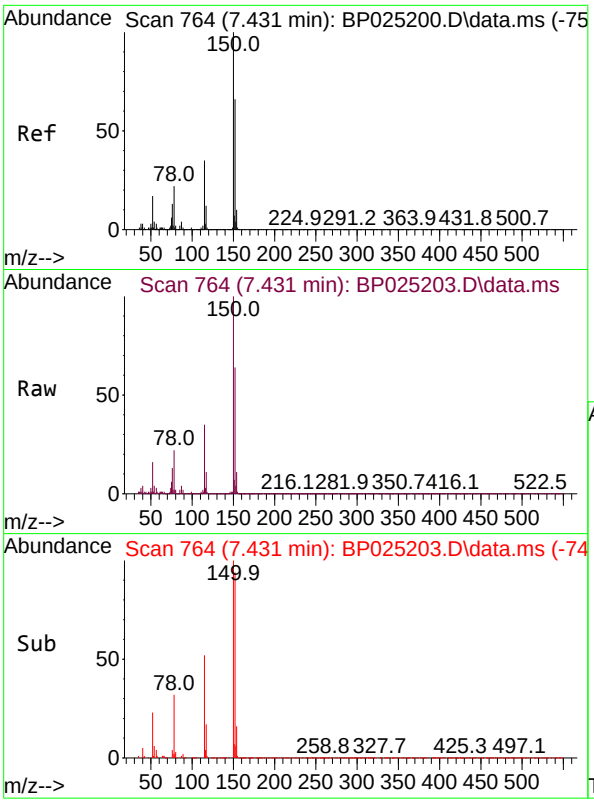
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025203.D
Acq On : 21 Jul 2025 19:14
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Quant Time: Jul 22 02:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:26:08 2025
Response via : Initial Calibration



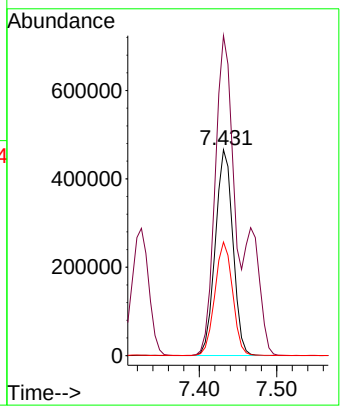


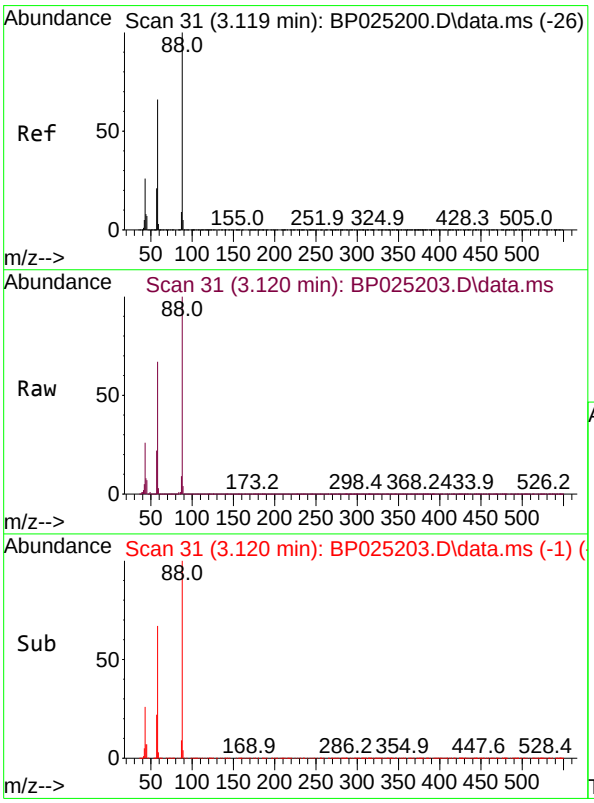

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp: 733748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.4 | 121.9 | 182.9 |
| 115 | 55.1 | 43.0 | 64.6 |

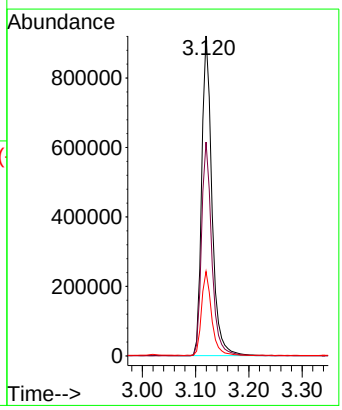


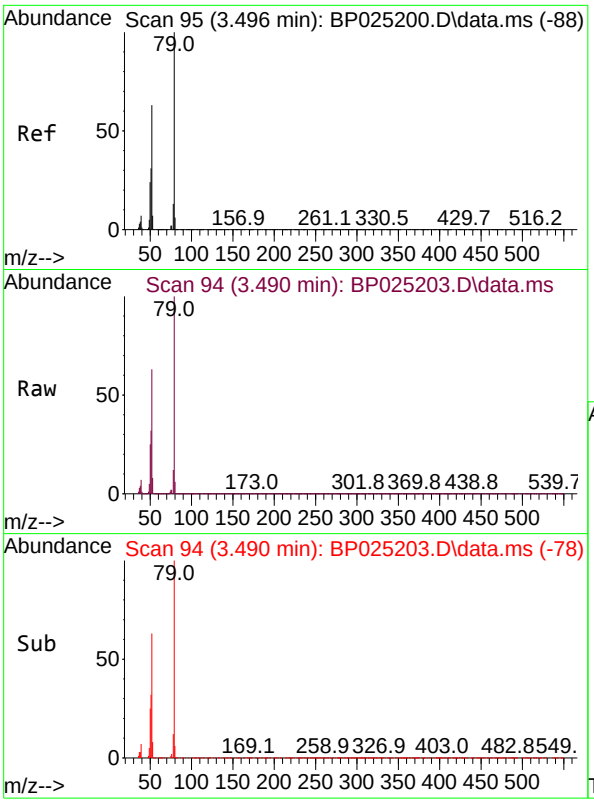




#2
1,4-Dioxane
Concen: 74.170 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 88 Resp: 1224318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.0 | 53.5 | 80.3 |
| 43 | 25.9 | 20.8 | 31.2 |



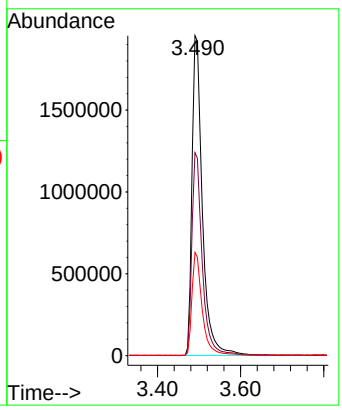


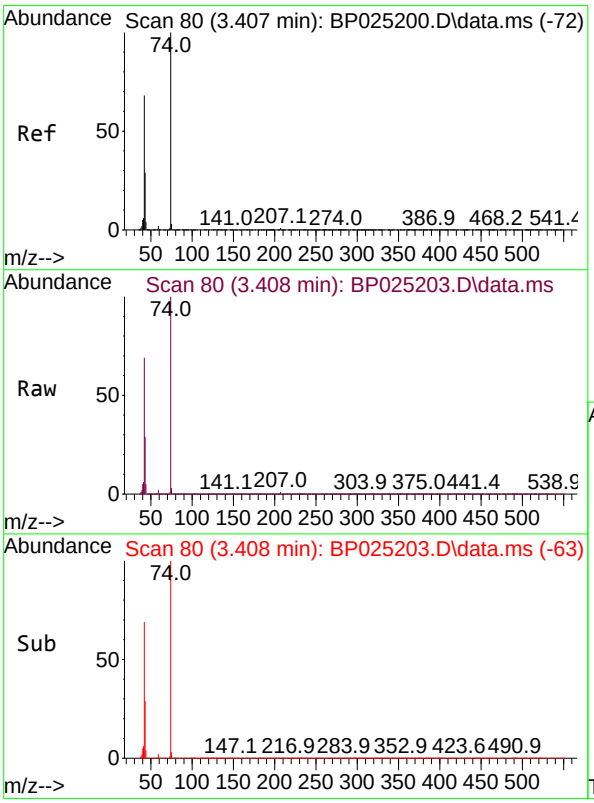

#3
Pyridine
Concen: 77.556 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 3390800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.4 | 50.2 | 75.4 |
| 51 | 32.2 | 25.0 | 37.4 |

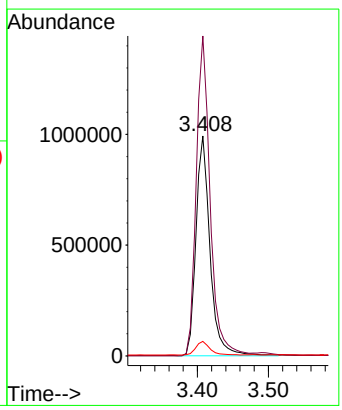


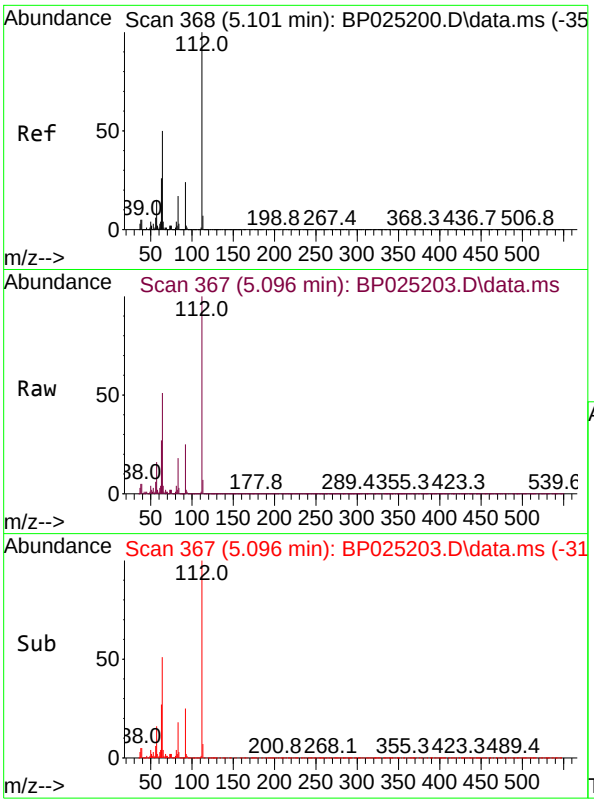




#4
n-Nitrosodimethylamine
Concen: 78.815 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 42 Resp: 1359921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 145.5 | 118.0 | 177.0 |
| 44 | 6.6 | 5.5 | 8.3 |



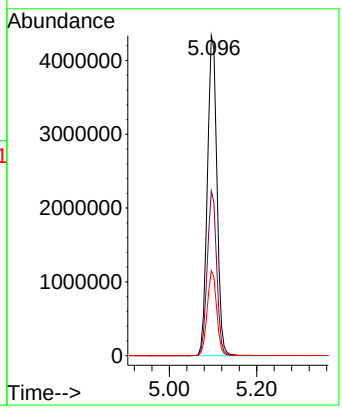


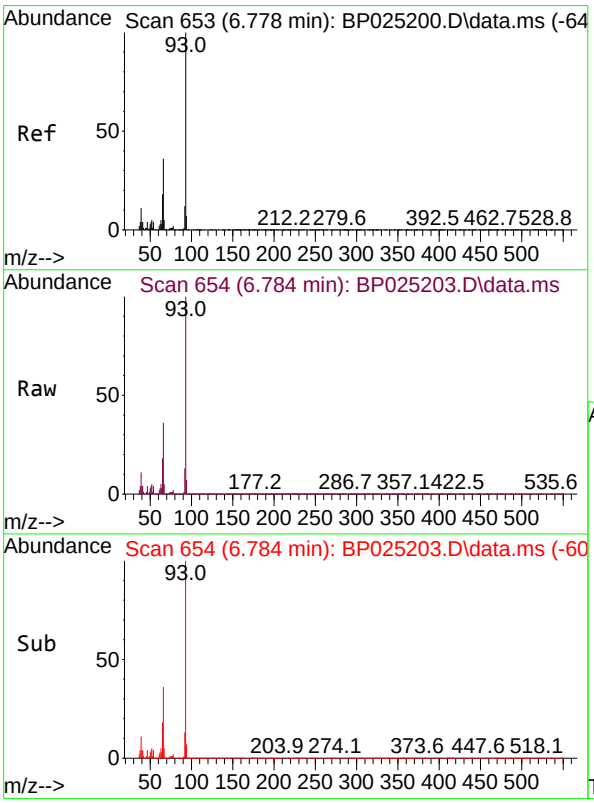

#5
2-Fluorophenol
Concen: 149.291 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:112 Resp: 6557069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.4 | 39.8 | 59.6 |
| 63 | 26.5 | 20.5 | 30.7 |

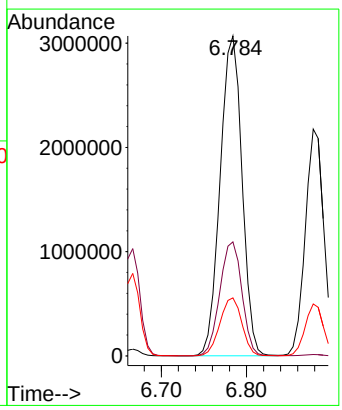


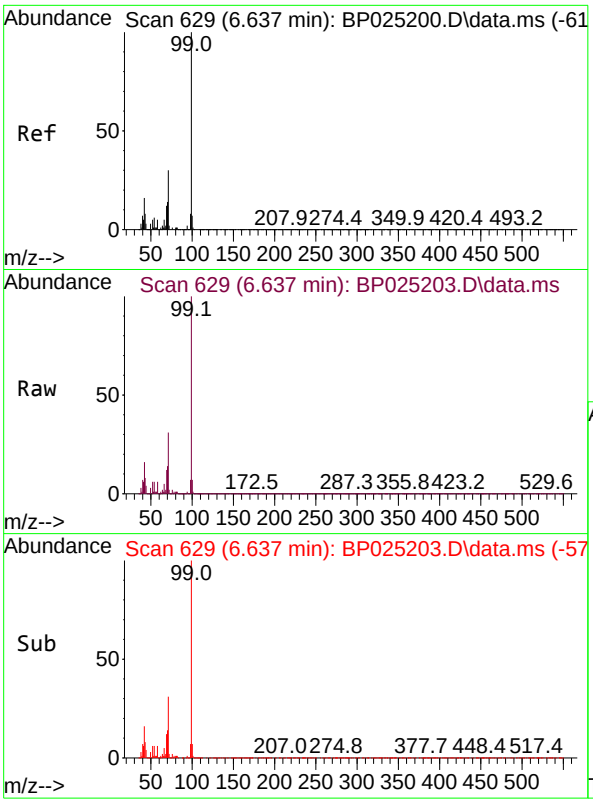




#6
Aniline
Concen: 77.576 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 5470258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.6 | 28.6 | 43.0 |
| 65 | 18.1 | 14.6 | 21.8 |



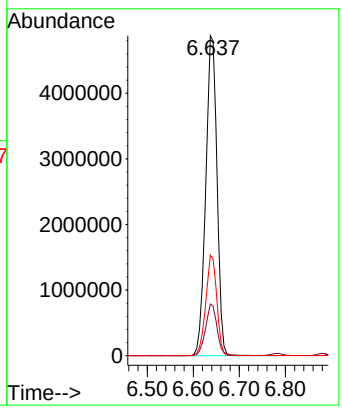


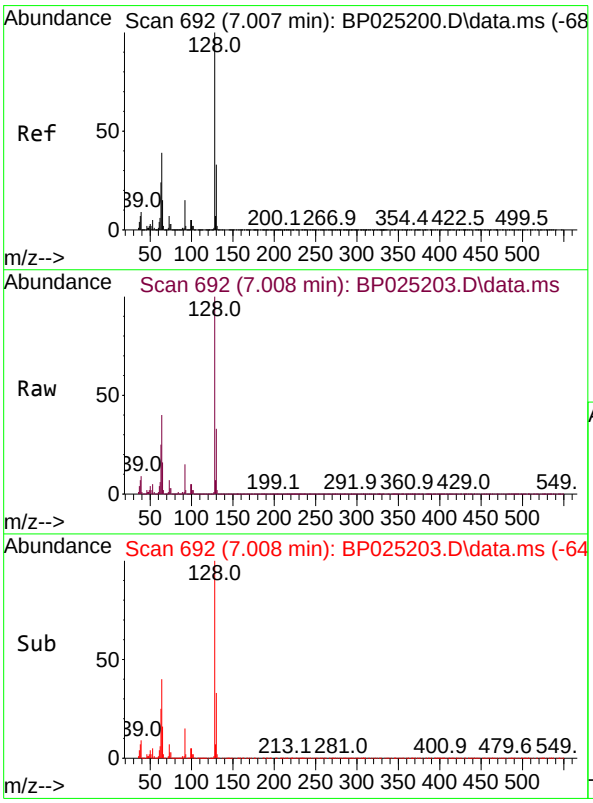

#7
Phenol-d6
Concen: 151.423 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 99 Resp: 8210908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.5 | 18.7 |
| 71 | 31.5 | 24.2 | 36.2 |

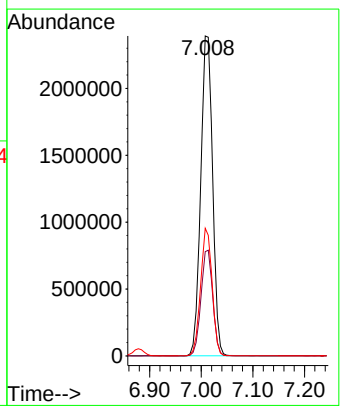


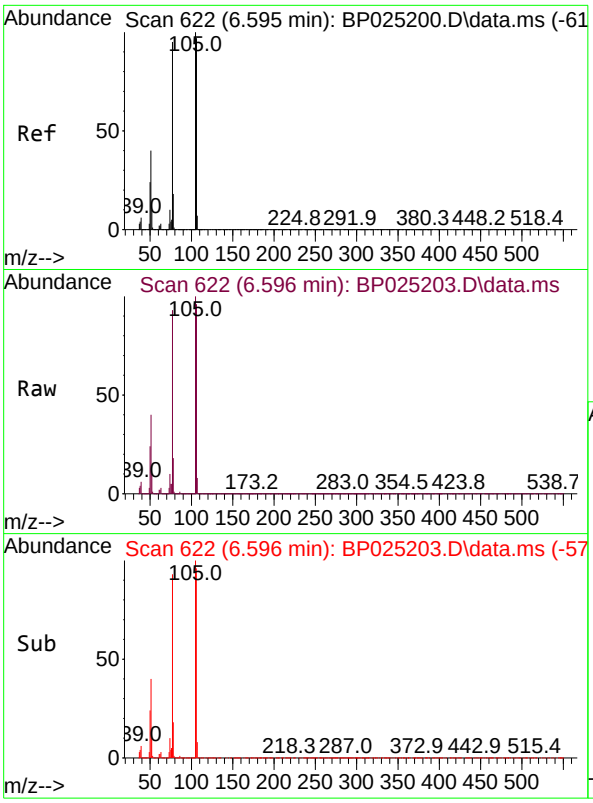




#8
2-Chlorophenol
Concen: 77.248 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:128 Resp: 3817569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 39.9 | 19.2 | 59.2 |



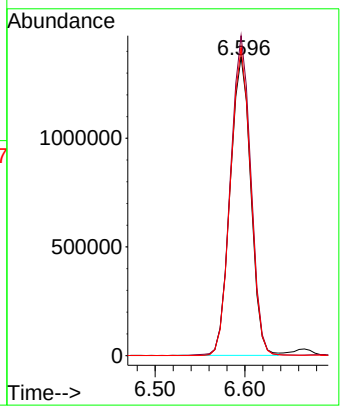


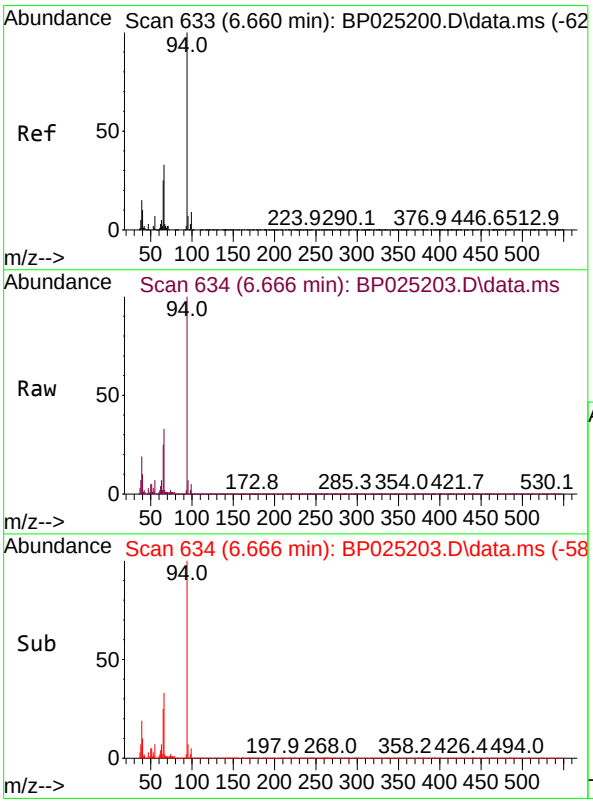

#9
Benzaldehyde
Concen: 56.451 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 2187532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.1 | 85.5 | 125.5 |
| 106 | 103.1 | 81.9 | 121.9 |

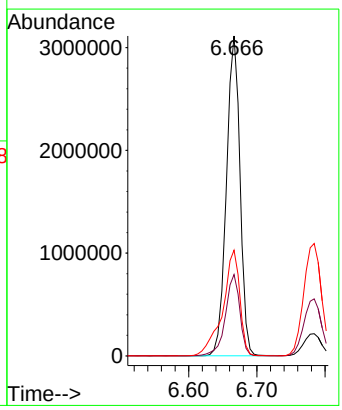


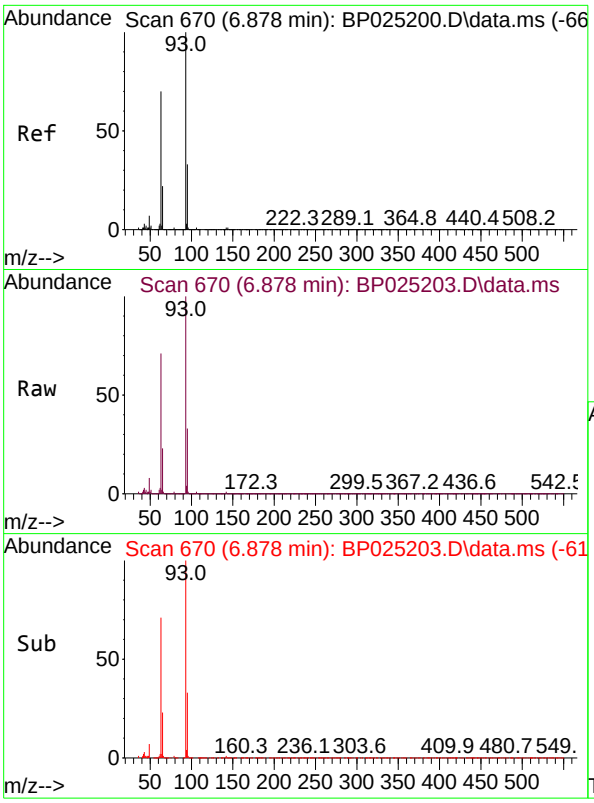




#10
Phenol
Concen: 76.687 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 94 Resp: 4302363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.4 | 5.4 | 45.4 |
| 66 | 33.0 | 13.5 | 53.5 |



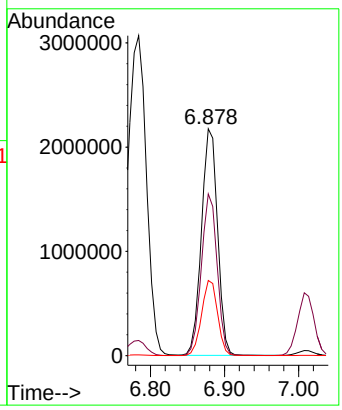


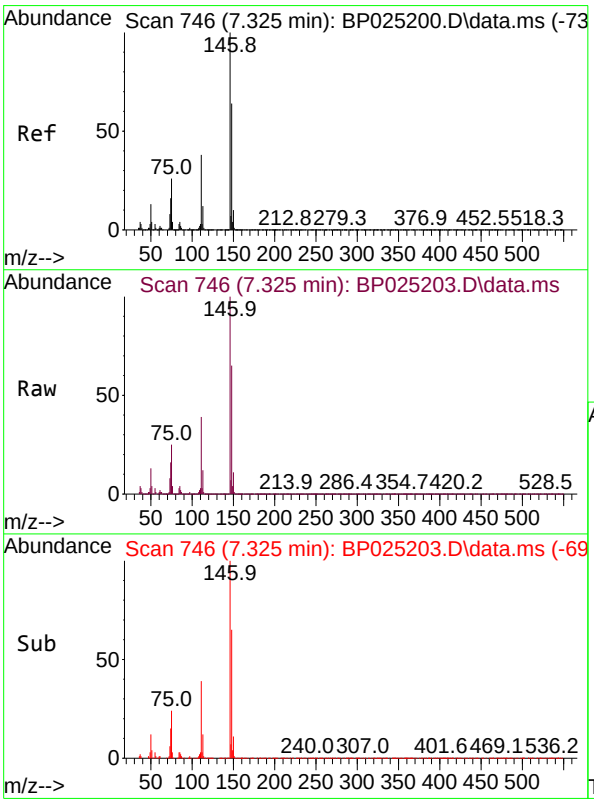

#11
bis(2-Chloroethyl)ether
Concen: 76.196 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 93 Resp: 3282232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.3 | 50.0 | 90.0 |
| 95 | 33.1 | 12.9 | 52.9 |

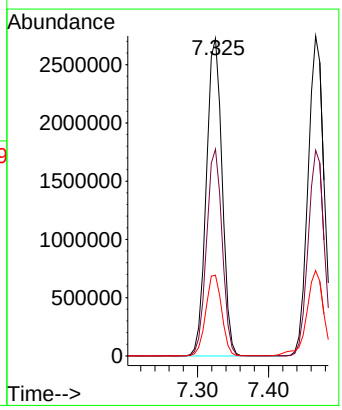


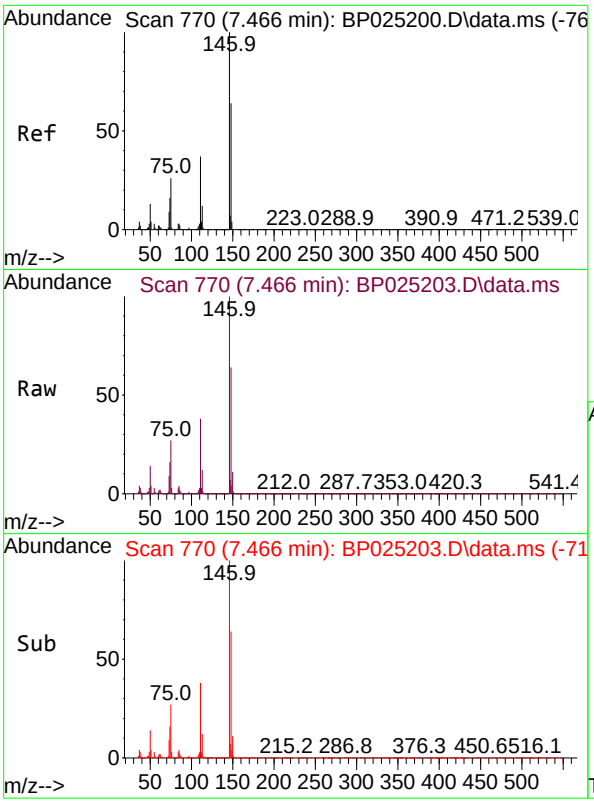




#12
1,3-Dichlorobenzene
Concen: 74.781 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4192818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.0 |
| 75 | 25.4 | 20.6 | 31.0 |



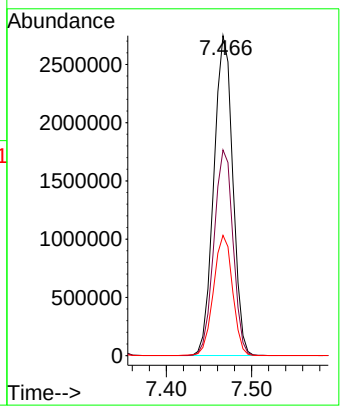


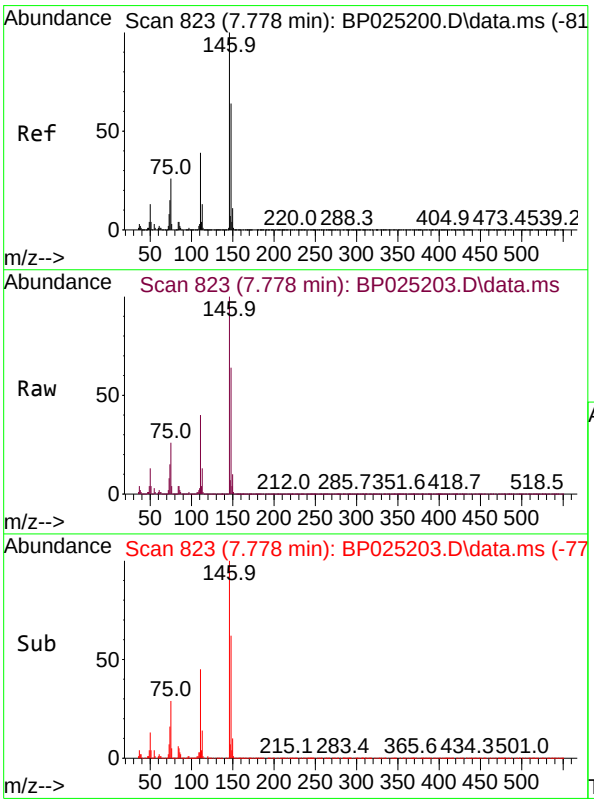

#13
1,4-Dichlorobenzene
Concen: 75.053 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:146 Resp: 4246480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.2 |
| 111 | 37.6 | 29.9 | 44.9 |

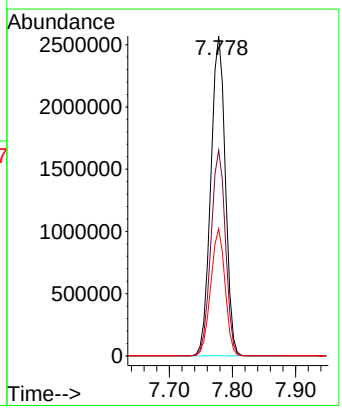


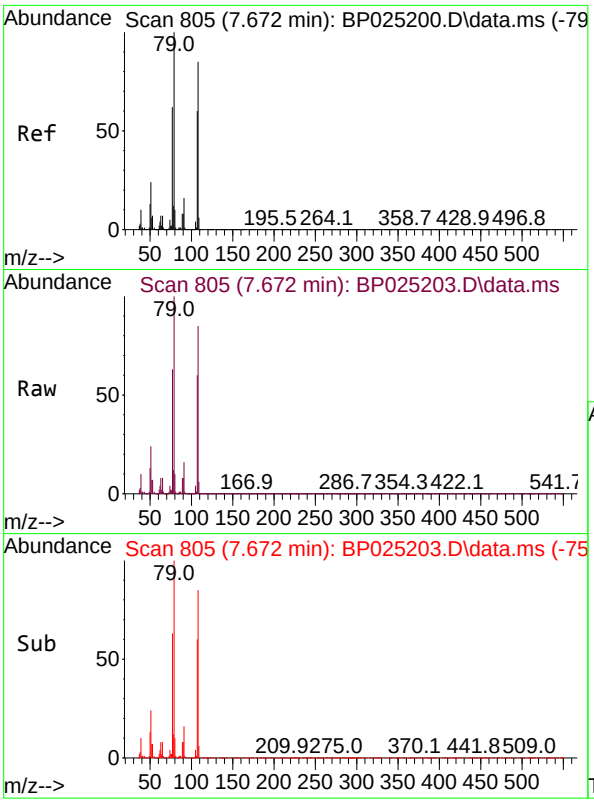




#14
1,2-Dichlorobenzene
Concen: 75.632 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:146 Resp: 4111863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.5 | 77.3 |
| 111 | 39.7 | 31.3 | 46.9 |



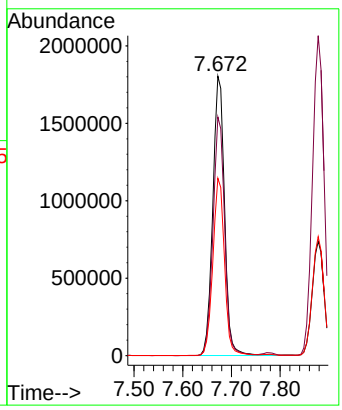


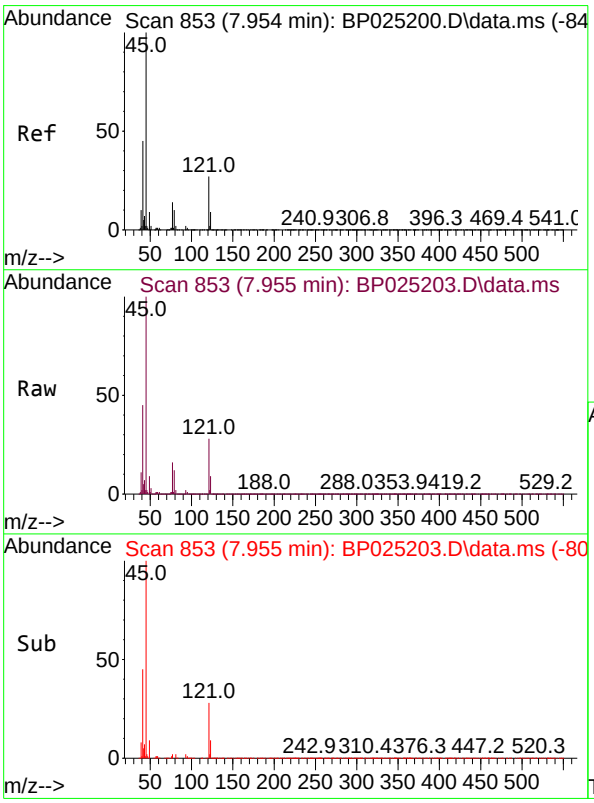

#15
Benzyl Alcohol
Concen: 77.828 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 79 Resp: 3024971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.4 | 67.8 | 101.6 |
| 77 | 63.5 | 49.9 | 74.9 |

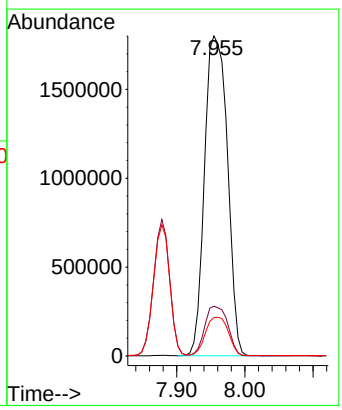


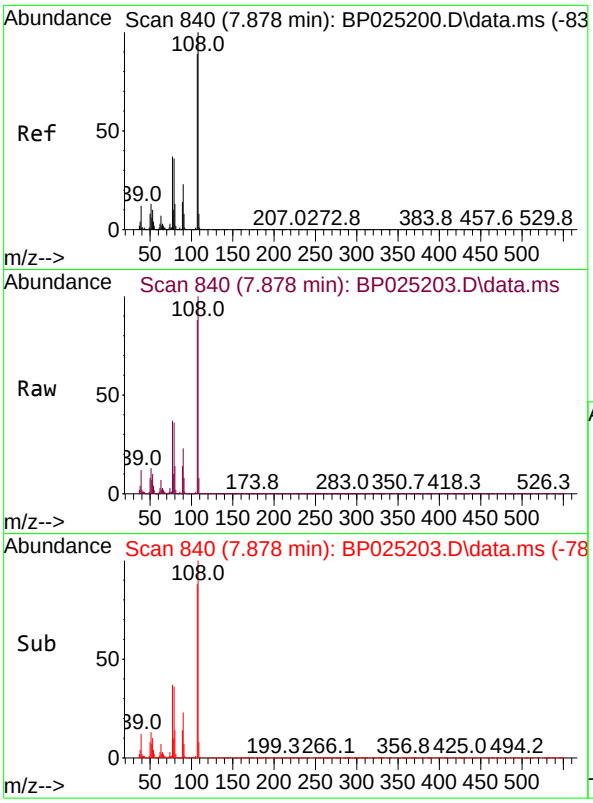




#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.769 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 45 Resp: 4186533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.5 | 0.0 | 36.0 |
| 79 | 11.9 | 0.0 | 31.7 |



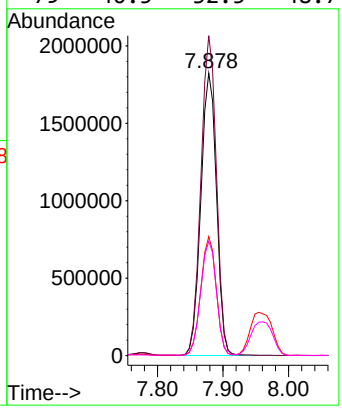


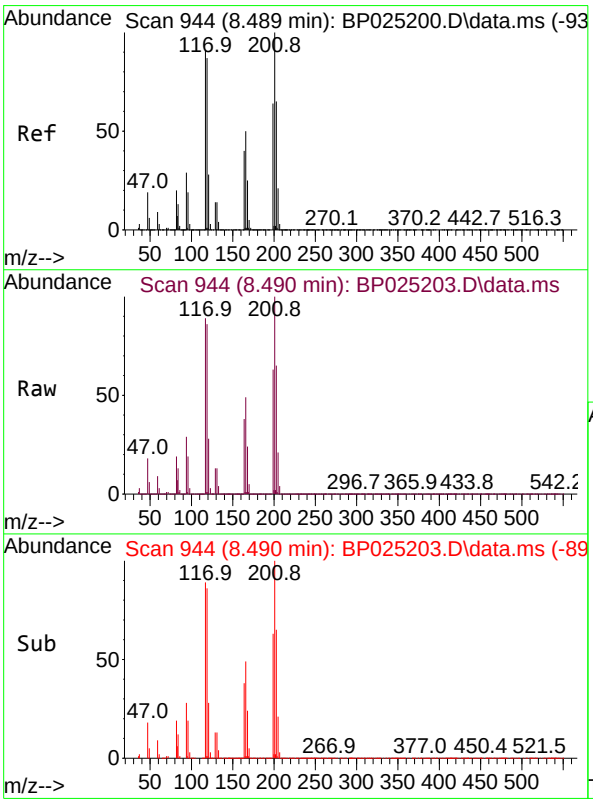

#17
2-Methylphenol
Concen: 77.489 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:107 Resp: 3006945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.3 | 89.8 | 134.8 |
| 77 | 42.1 | 33.2 | 49.8 |
| 79 | 40.5 | 32.5 | 48.7 |

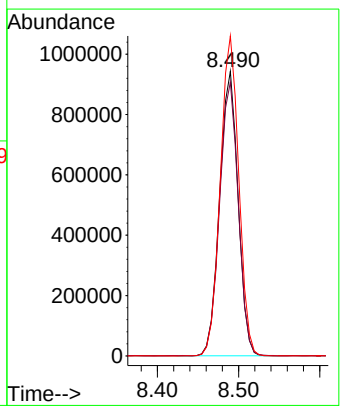


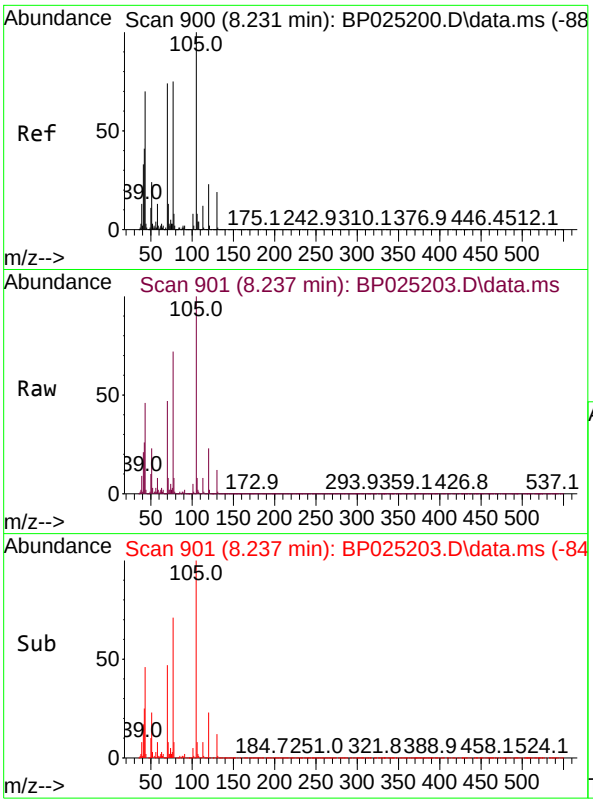




#18
Hexachloroethane
Concen: 77.034 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:117 Resp: 1488292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 77.0 | 115.6 |
| 201 | 112.5 | 88.3 | 132.5 |



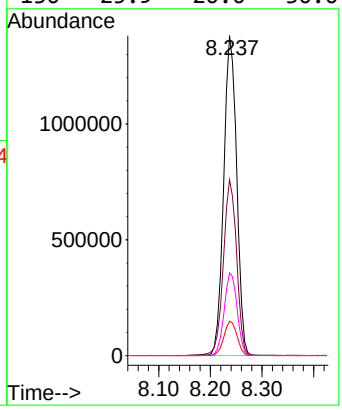


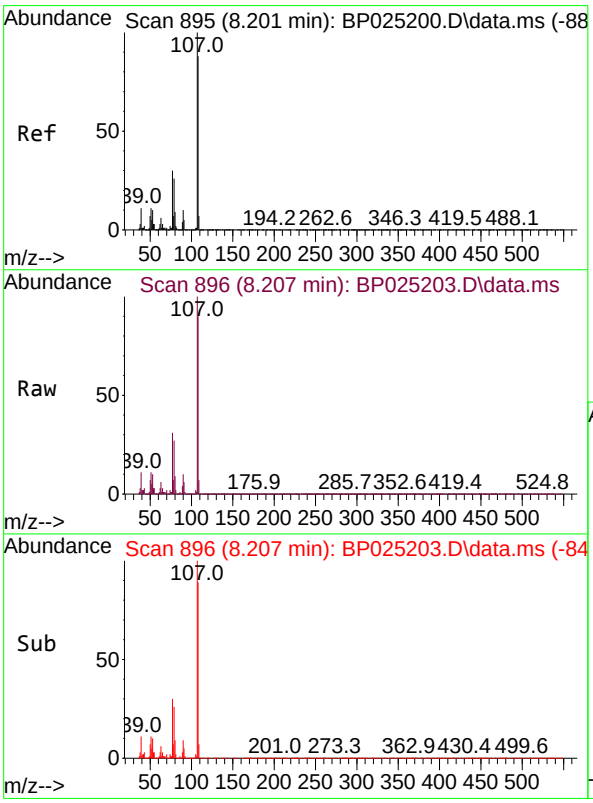

#19
n-Nitroso-di-n-propylamine
Concen: 74.535 ng
RT: 8.237 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 70 Resp: 2435834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.0 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 25.9 | 20.0 | 30.0 |

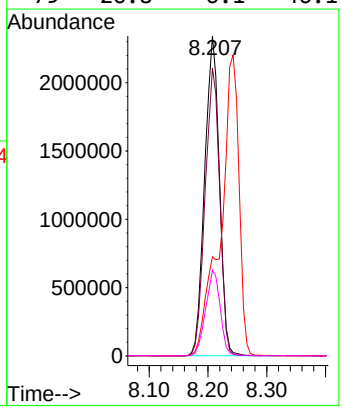


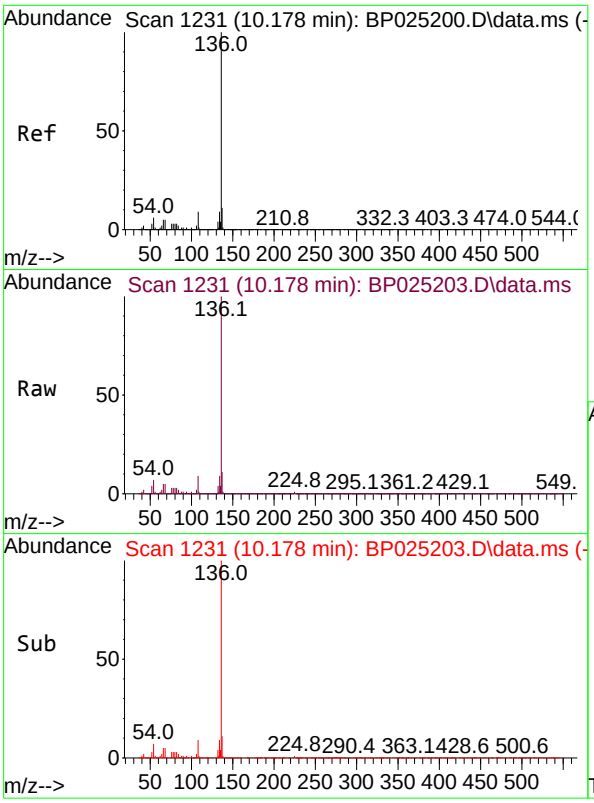




#20
3+4-Methylphenols
Concen: 76.765 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 4068704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 67.8 | 107.8 |
| 77 | 31.0 | 10.3 | 50.3 |
| 79 | 26.8 | 6.1 | 46.1 |



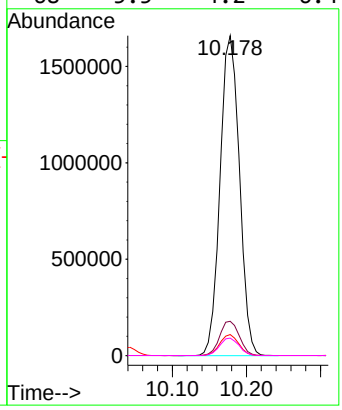


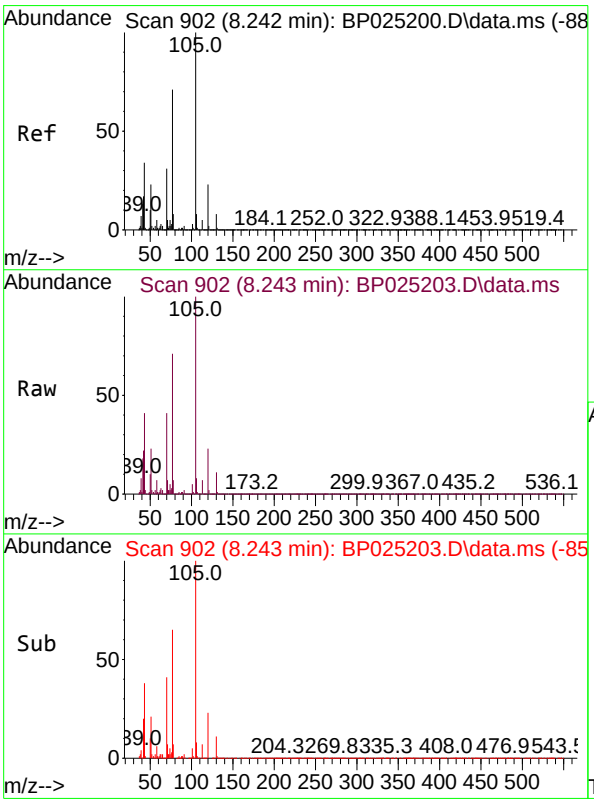

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:136 Resp: 3008435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.5 | 4.2 | 6.4 |

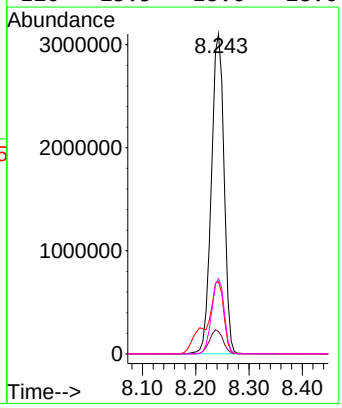


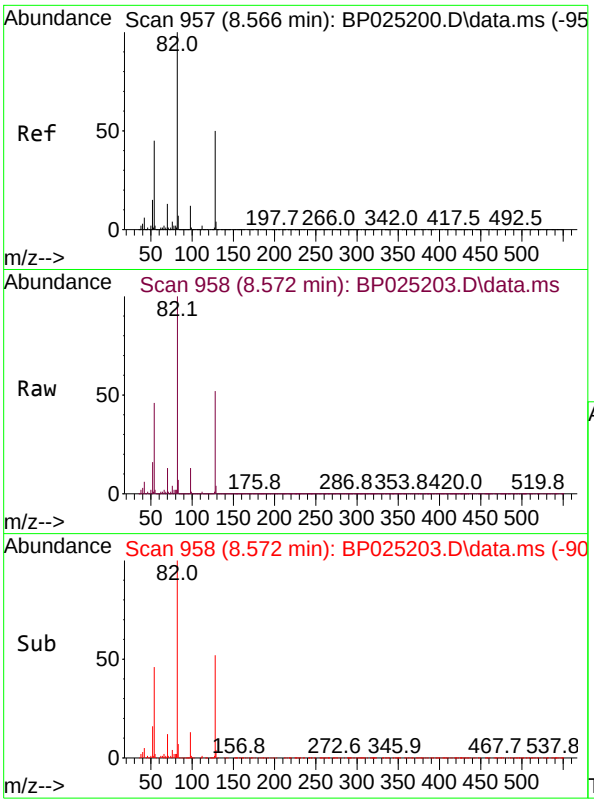




#22
Acetophenone
Concen: 72.049 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:105 Resp: 5133884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.0 | 4.1 | 6.1# |
| 51 | 22.5 | 18.5 | 27.7 |
| 120 | 23.5 | 18.6 | 28.0 |



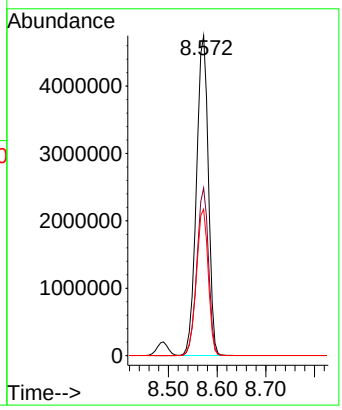


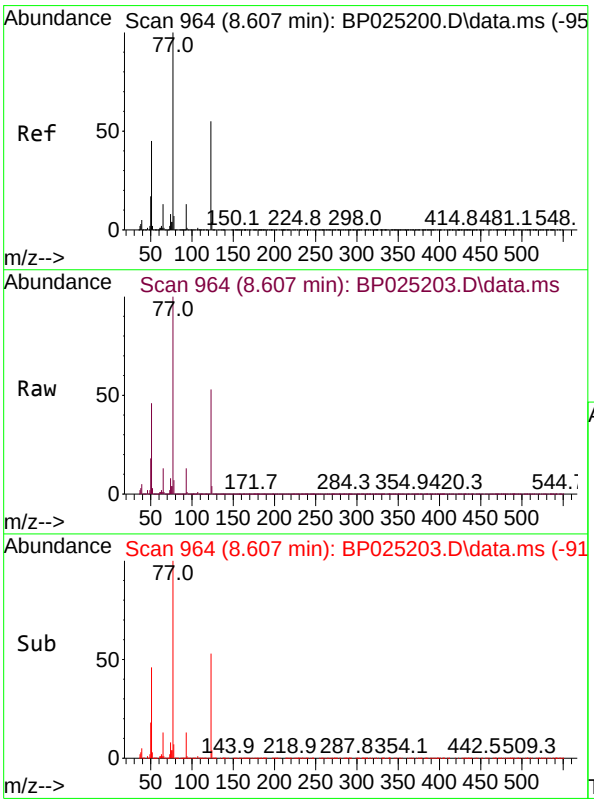

#23
Nitrobenzene-d5
Concen: 145.785 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 7999353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.4 | 40.2 | 60.4 |
| 54 | 45.7 | 36.3 | 54.5 |

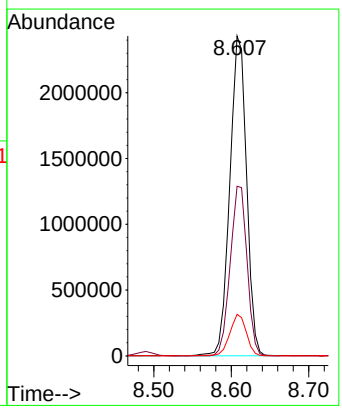


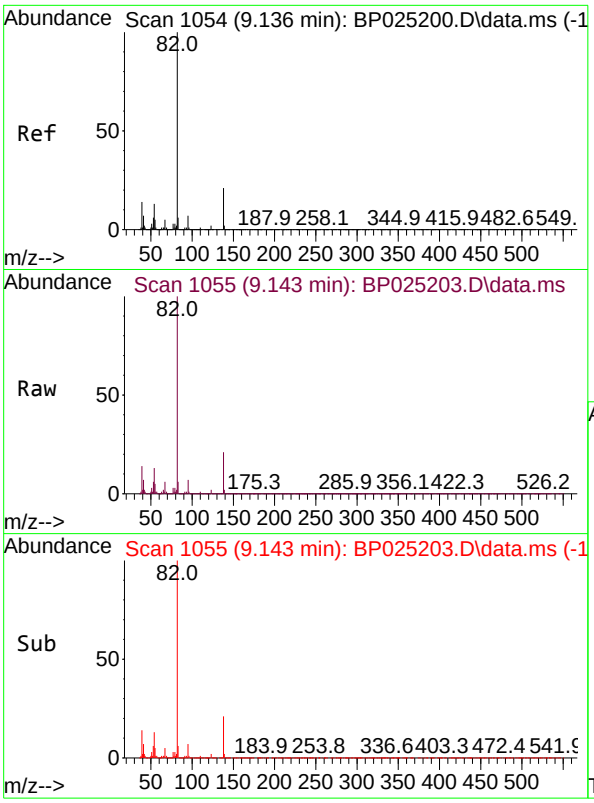




#24
Nitrobenzene
Concen: 75.229 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 77 Resp: 3658209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.0 | 43.6 | 65.4 |
| 65 | 13.0 | 10.2 | 15.2 |



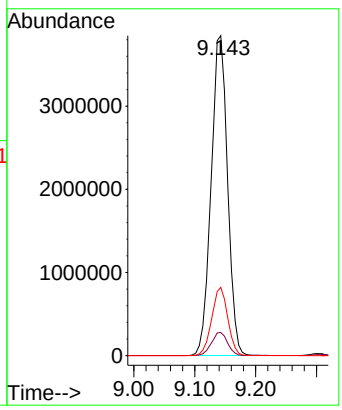


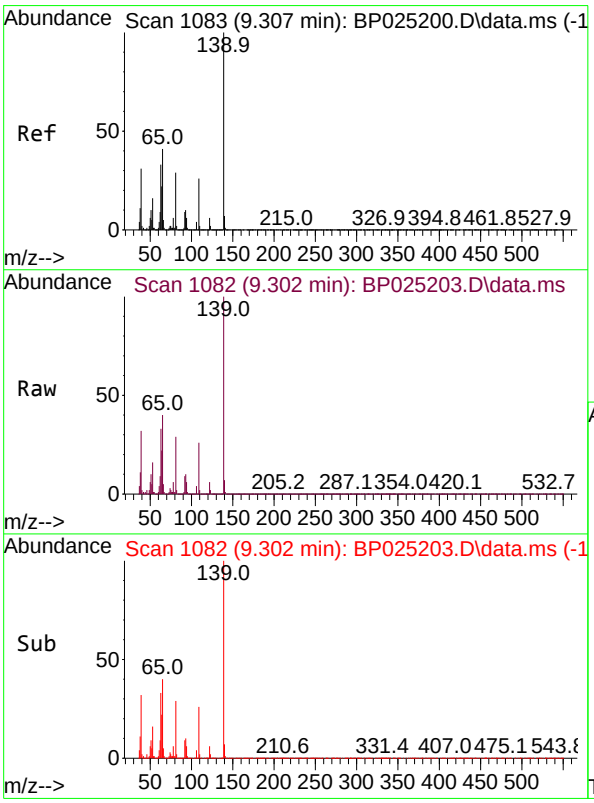

#25
Isophorone
Concen: 75.163 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 82 Resp: 7223163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.6 | 8.4 |
| 138 | 21.3 | 16.6 | 25.0 |

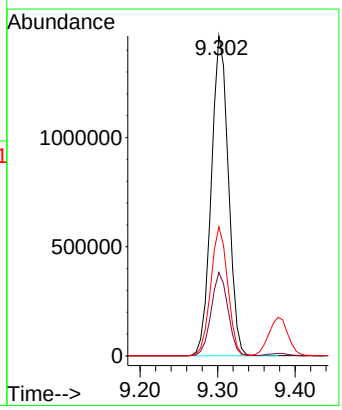


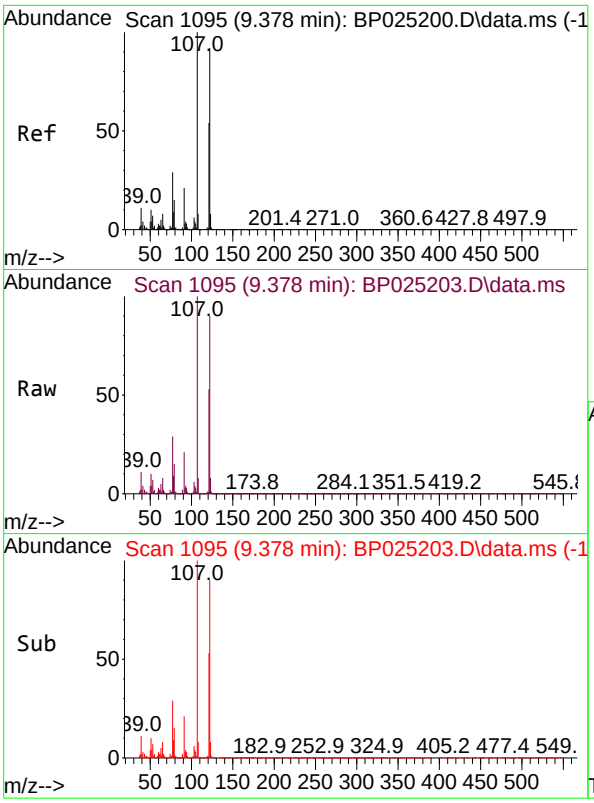




#26
2-Nitrophenol
Concen: 81.871 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2240908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.1 | 21.0 | 31.6 |
| 65 | 40.3 | 32.7 | 49.1 |



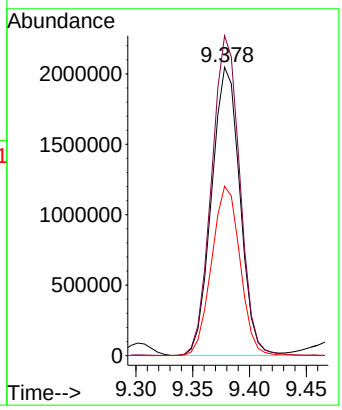


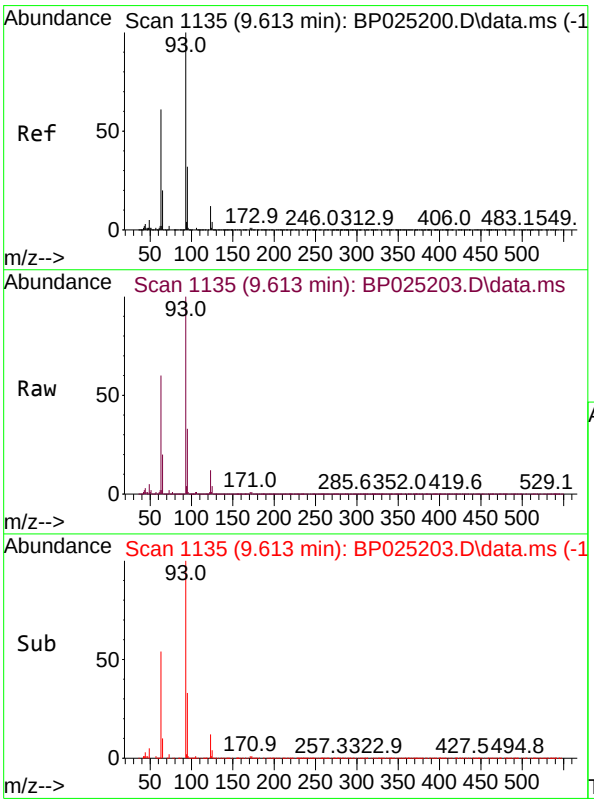

#27
2,4-Dimethylphenol
Concen: 76.211 ng
RT: 9.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:122 Resp: 3551153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.0 | 87.0 | 130.4 |
| 121 | 58.7 | 46.7 | 70.1 |

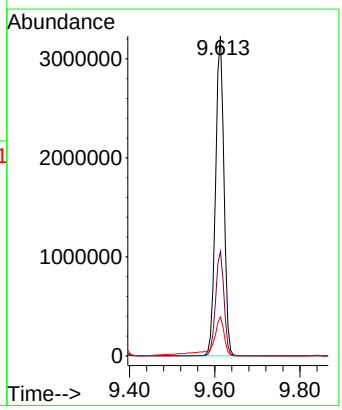


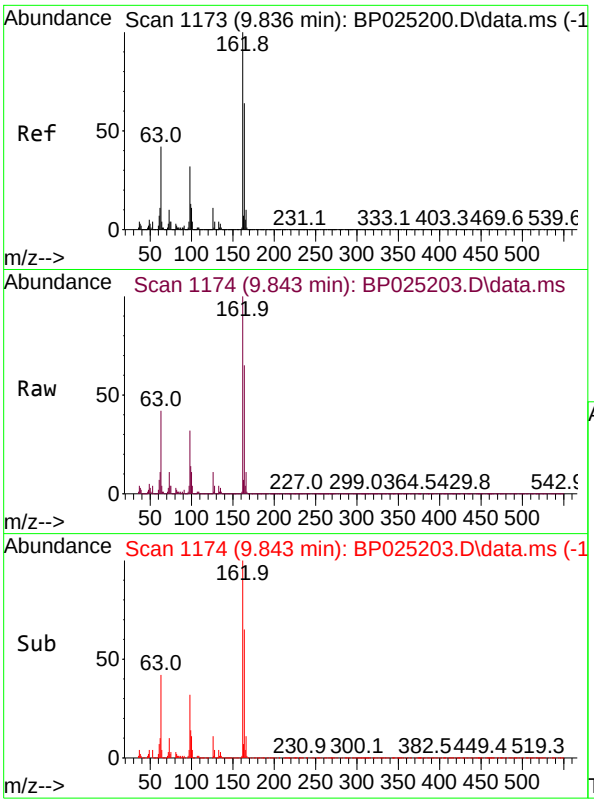




#28
bis(2-Chloroethoxy)methane
Concen: 73.133 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 93 Resp: 4412252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |



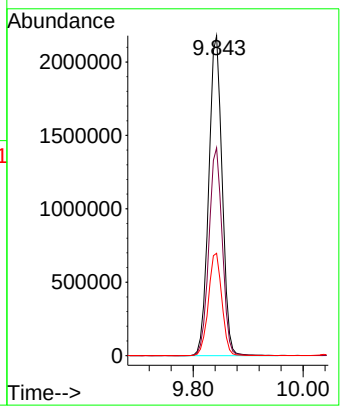


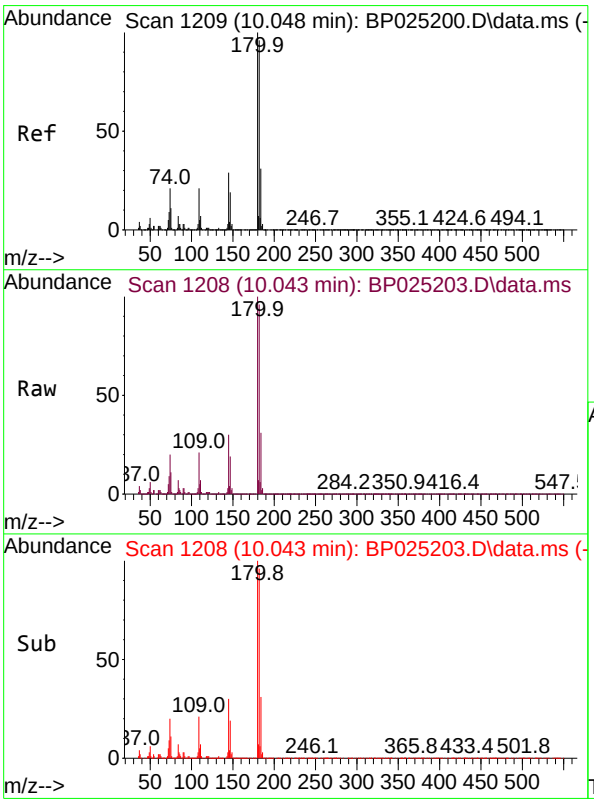

#29
2,4-Dichlorophenol
Concen: 77.123 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 3685883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 44.2 | 84.2 |
| 98 | 32.0 | 11.7 | 51.7 |

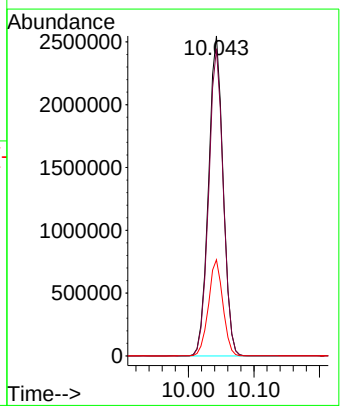


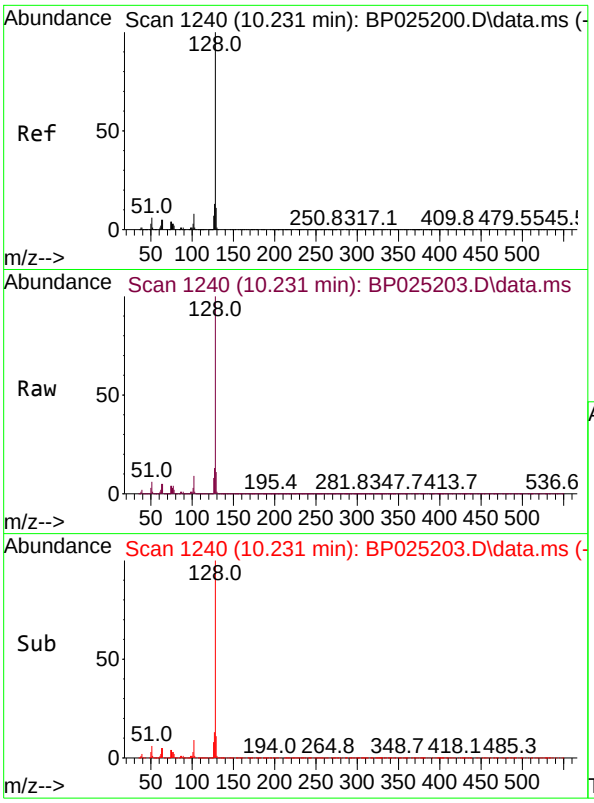




#30
1,2,4-Trichlorobenzene
Concen: 74.689 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:180 Resp: 3927729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 76.7 | 115.1 |
| 145 | 30.0 | 23.5 | 35.3 |



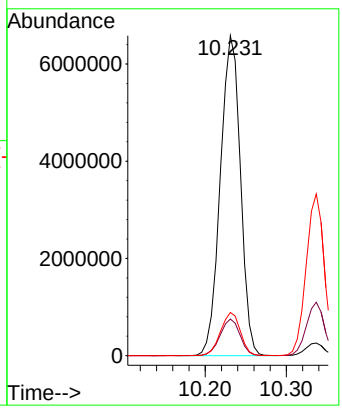


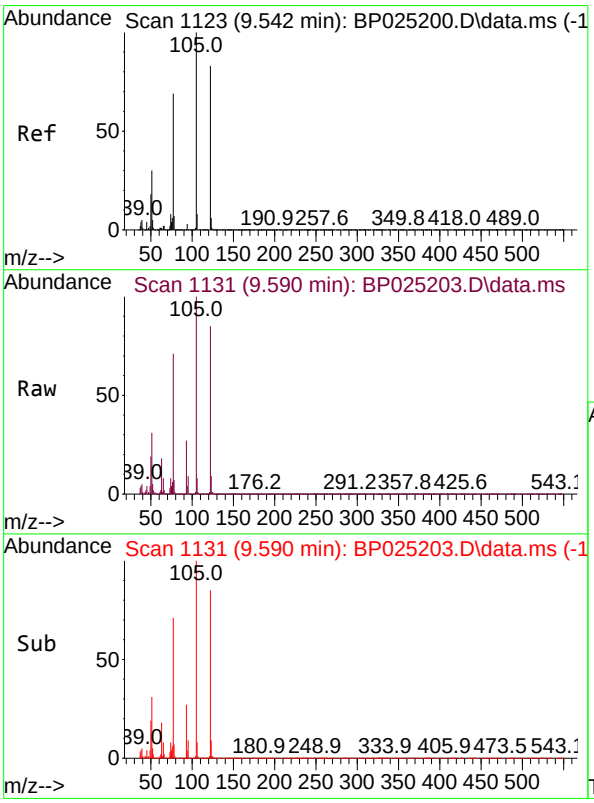

#31
Naphthalene
Concen: 72.252 ng
RT: 10.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:128 Resp:11319955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.4 |
| 127 | 13.5 | 10.4 | 15.6 |

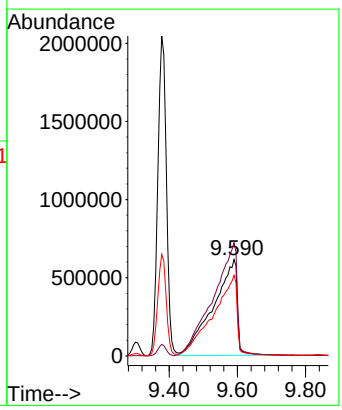


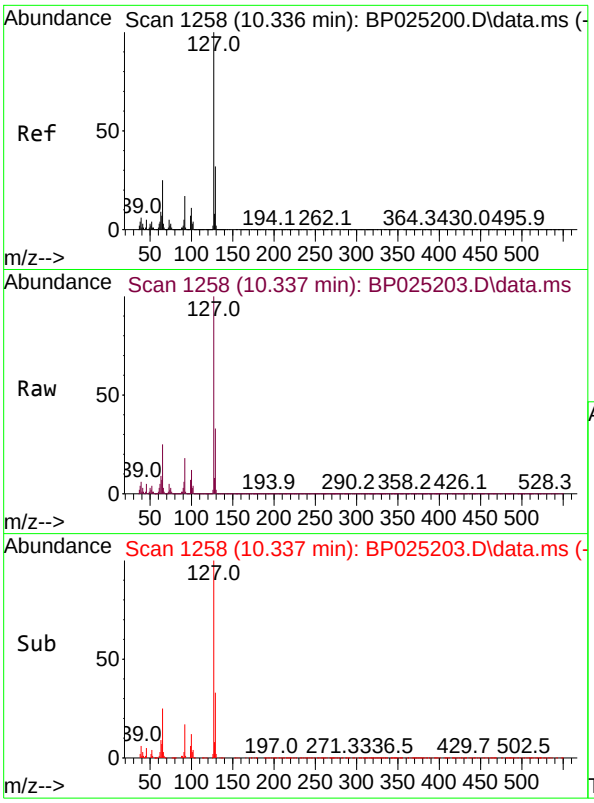




#32
Benzoic acid
Concen: 88.203 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:122 Resp: 3001596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 117.3 | 98.1 | 138.1 |
| 77 | 83.5 | 62.7 | 102.7 |



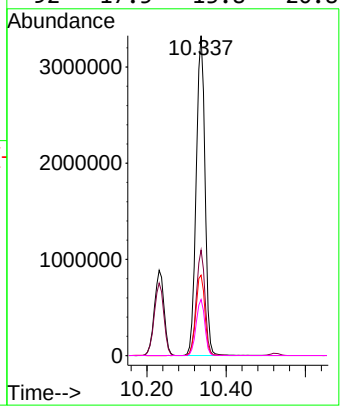


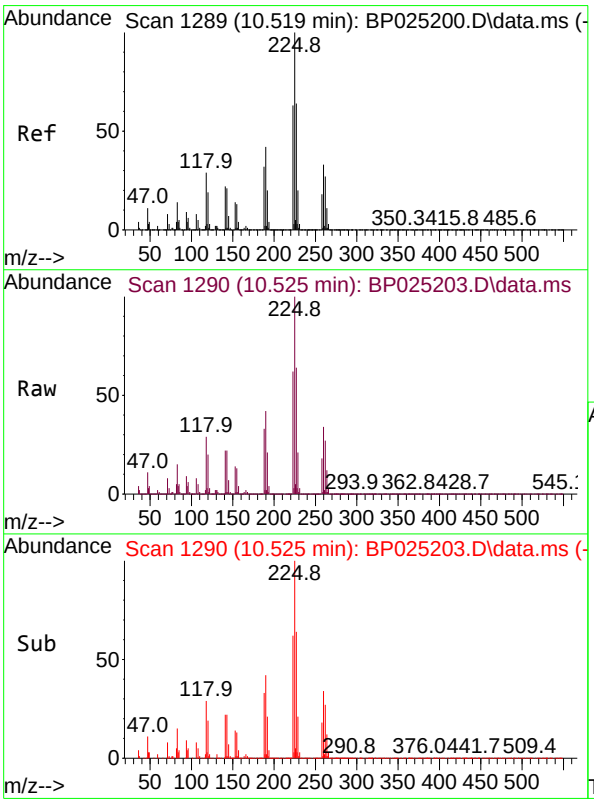

#33
4-Chloroaniline
Concen: 75.351 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:127 Resp: 5125849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 25.9 | 38.9 |
| 65 | 25.1 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |

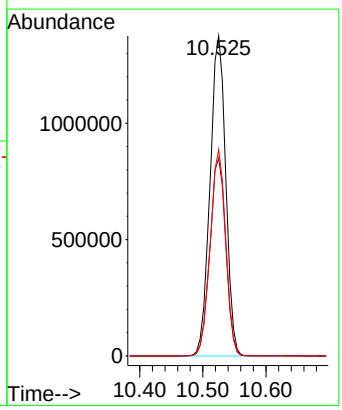


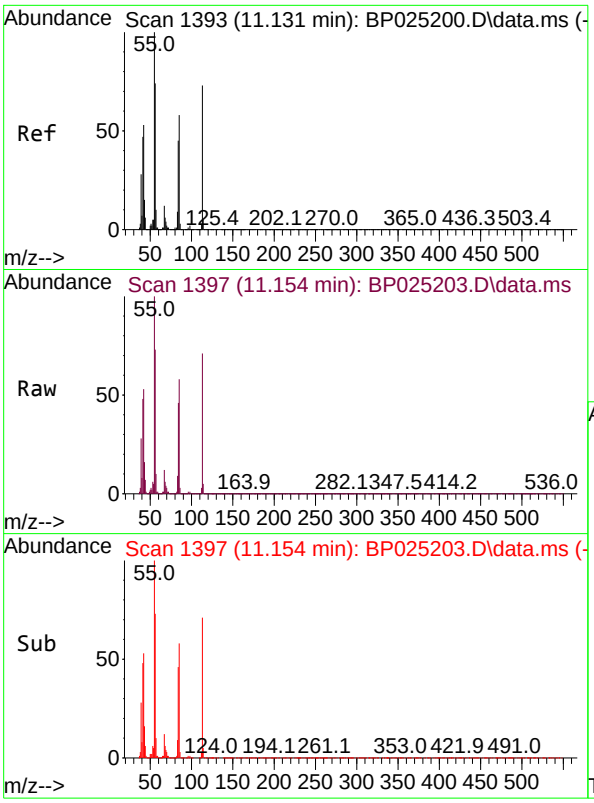




#34
Hexachlorobutadiene
Concen: 75.041 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:225 Resp: 2369882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 50.1 | 75.1 |
| 227 | 64.5 | 51.4 | 77.0 |



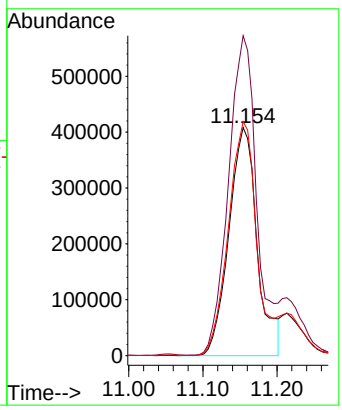


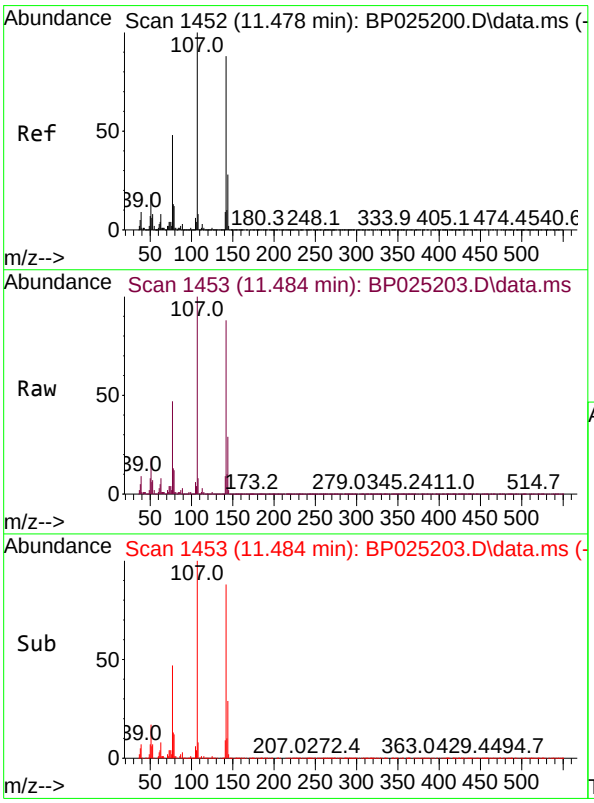

#35
Caprolactam
Concen: 68.740 ng
RT: 11.154 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:113 Resp: 1081158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 140.3 | 117.6 | 157.6 |
| 56 | 102.6 | 82.4 | 122.4 |

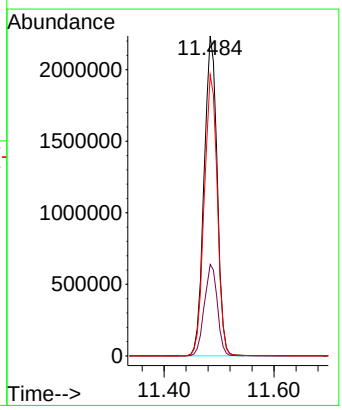


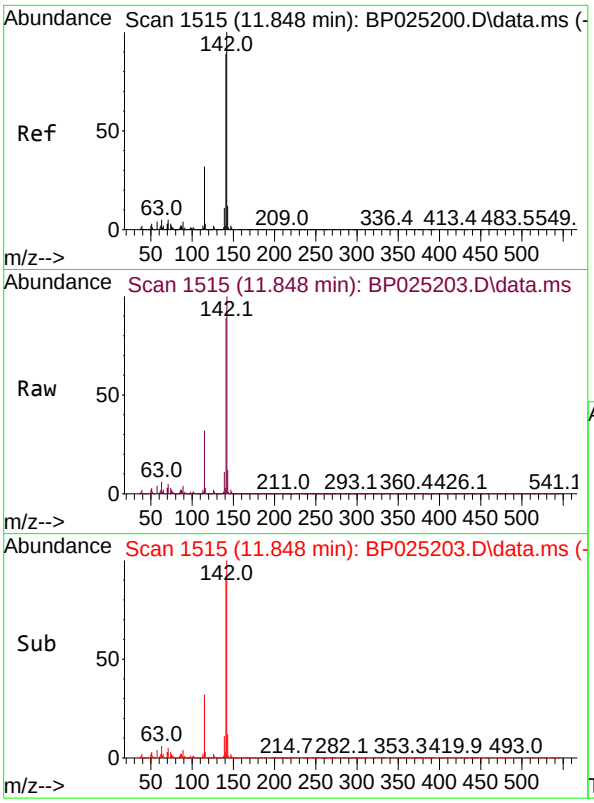




#36
4-Chloro-3-methylphenol
Concen: 77.068 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:107 Resp: 3678461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.6 | 22.5 | 33.7 |
| 142 | 87.9 | 70.6 | 105.8 |



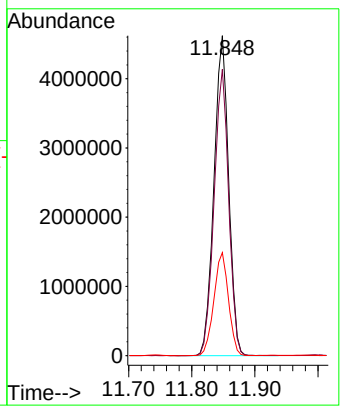


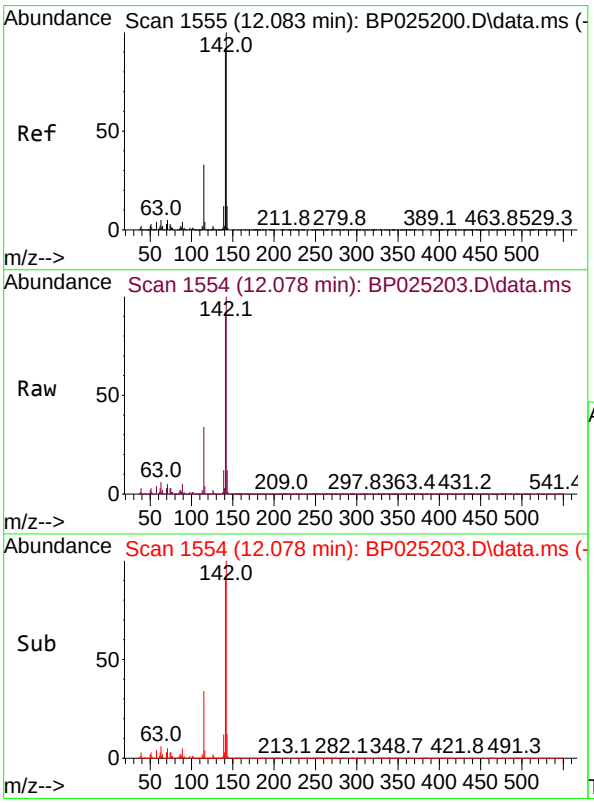

#37
2-Methylnaphthalene
Concen: 73.577 ng
RT: 11.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:142 Resp: 7455840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.2 | 106.8 |
| 115 | 32.2 | 25.3 | 37.9 |

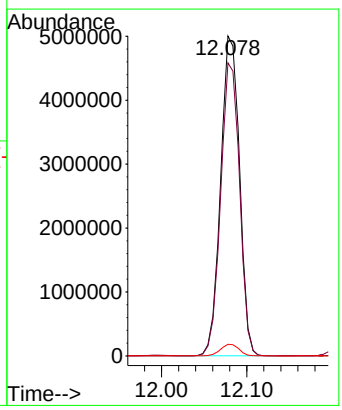


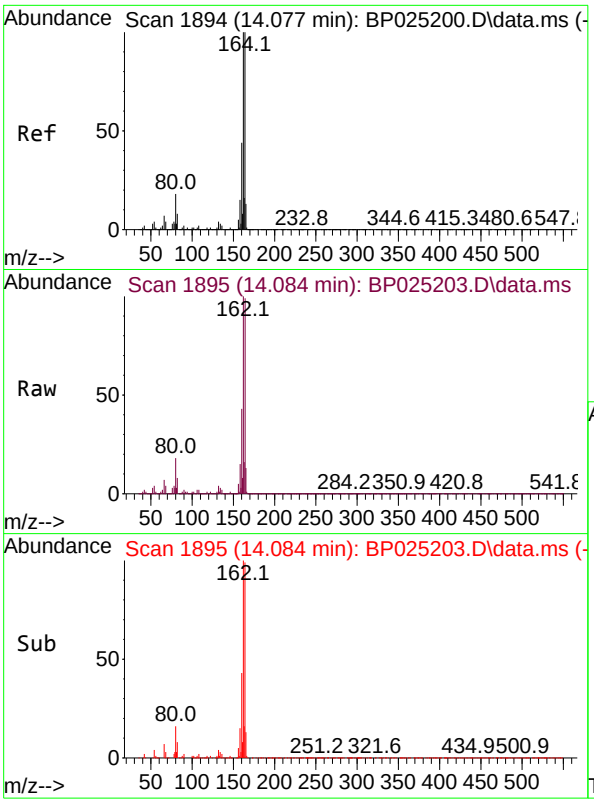




#38
1-Methylnaphthalene
Concen: 71.955 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:142 Resp: 7690366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.6 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |



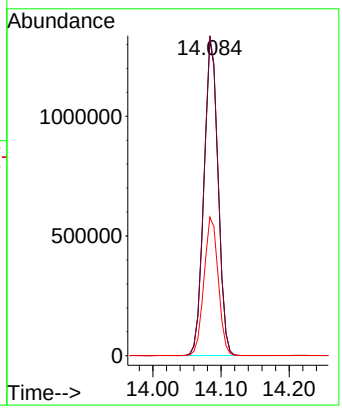


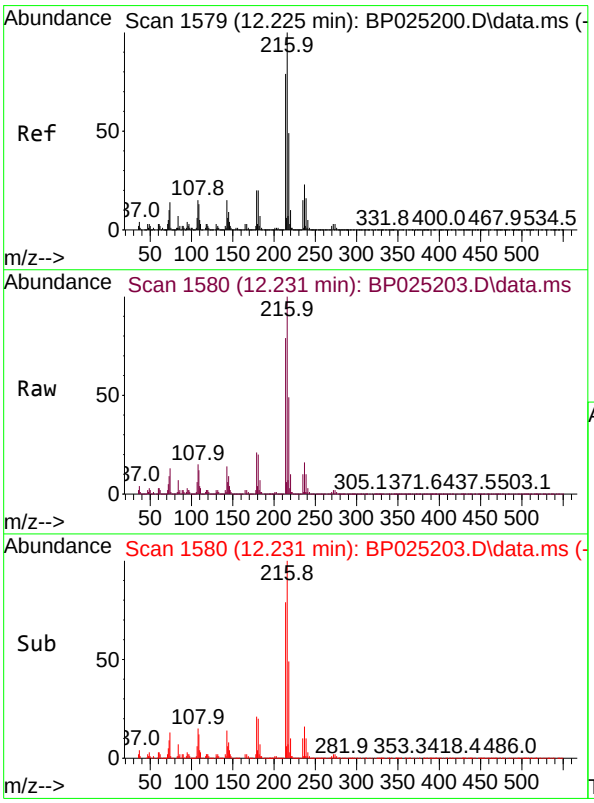

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:164 Resp: 1899722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 80.3 | 120.5 |
| 160 | 43.9 | 35.7 | 53.5 |

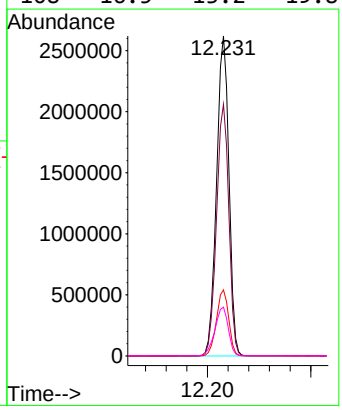


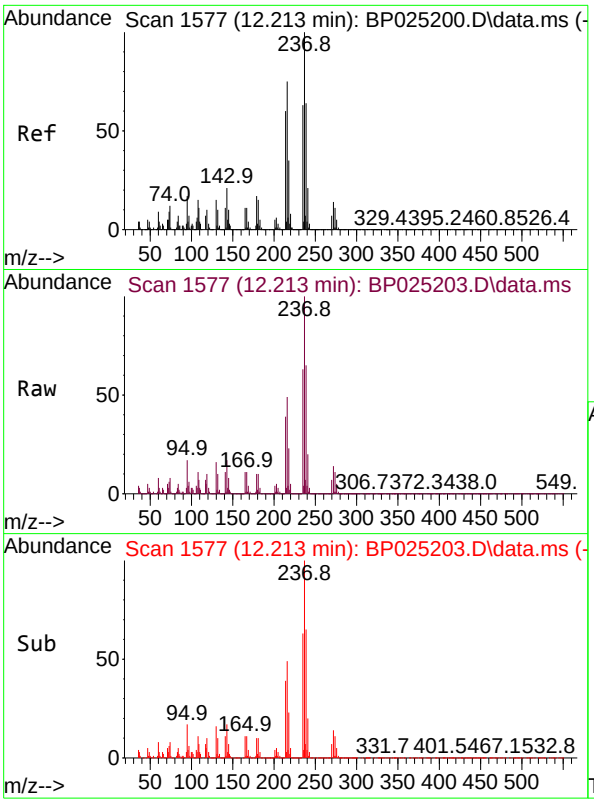




#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.446 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:216 Resp: 4340312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |



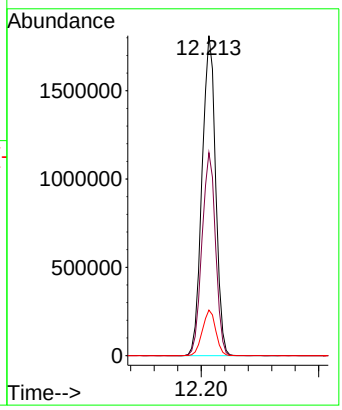


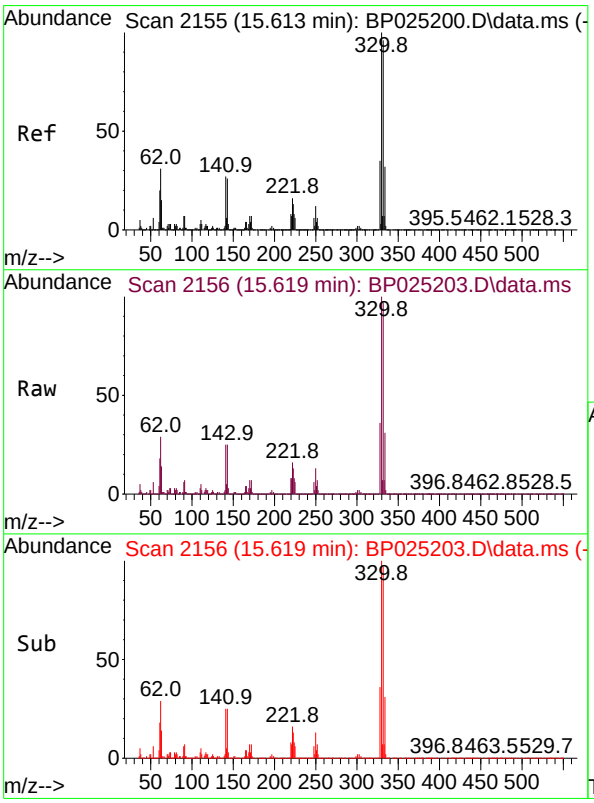

#41
Hexachlorocyclopentadiene
Concen: 88.768 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:237 Resp: 2895907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 42.7 | 82.7 |
| 272 | 14.2 | 0.0 | 33.6 |

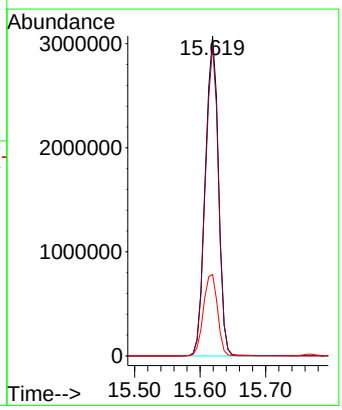


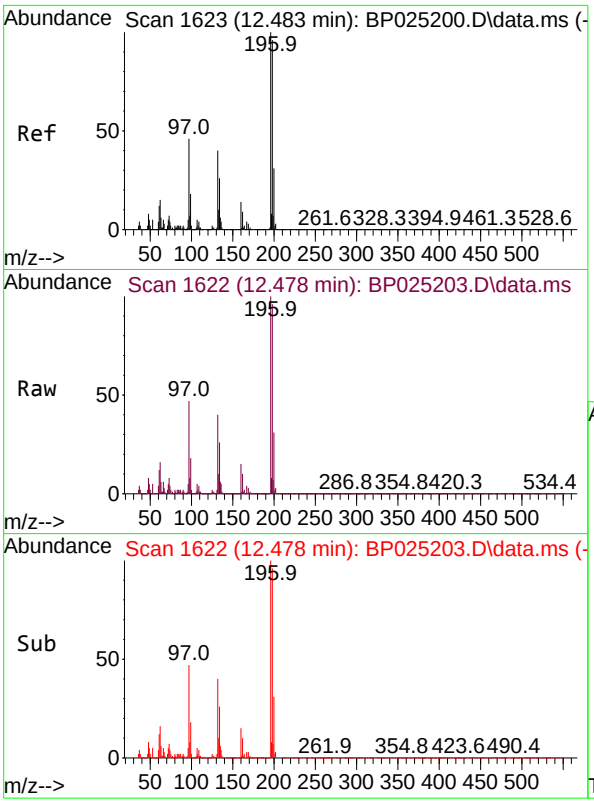




#42
2,4,6-Tribromophenol
Concen: 151.370 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:330 Resp: 4276015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 27.1 | 22.4 | 33.6 |



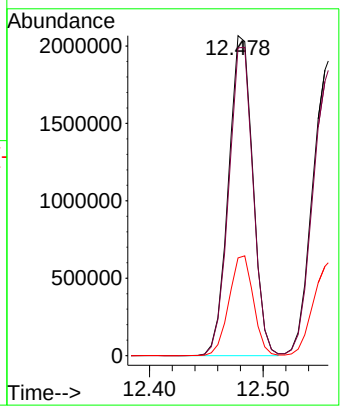


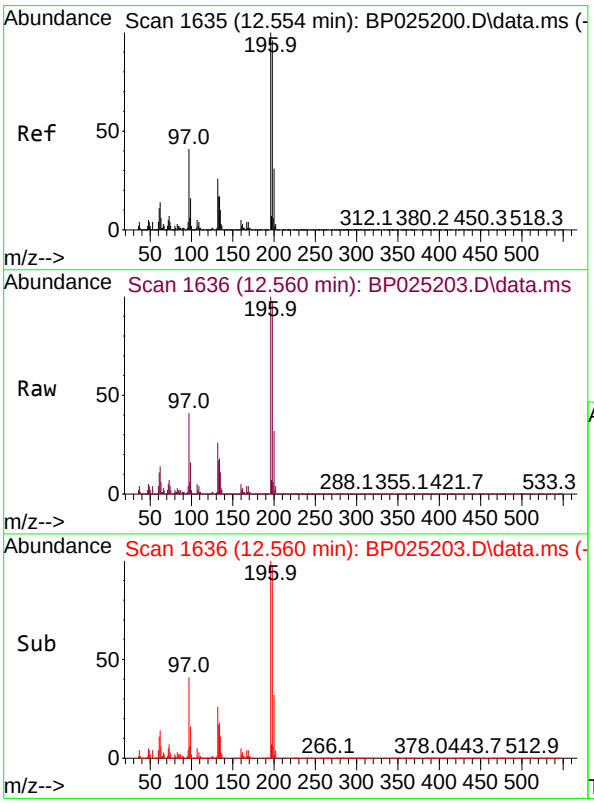

#43
2,4,6-Trichlorophenol
Concen: 79.138 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:196 Resp: 3076273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |

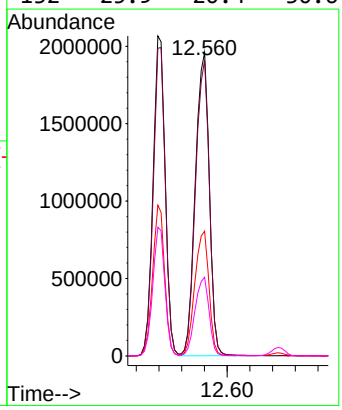


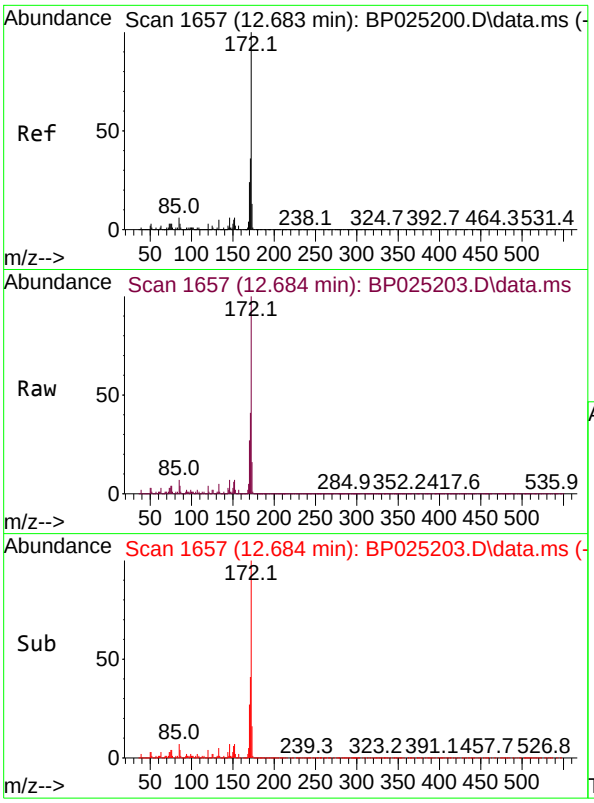




#44
2,4,5-Trichlorophenol
Concen: 78.125 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:196 Resp: 3347418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.5 | 76.7 | 115.1 |
| 97 | 41.1 | 33.0 | 49.4 |
| 132 | 25.9 | 20.4 | 30.6 |



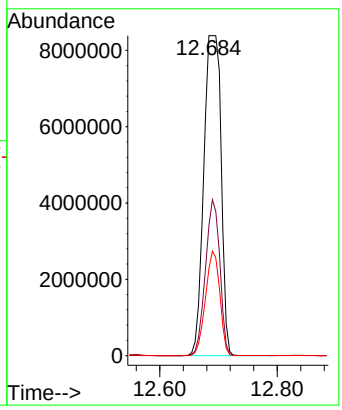


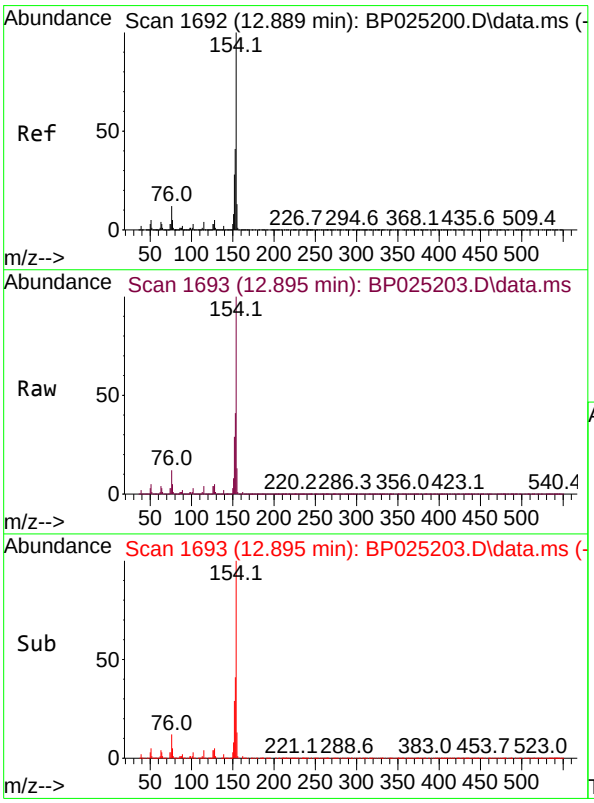

#45
2-Fluorobiphenyl
Concen: 119.181 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:172 Resp:17101882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.6 | 28.8 | 43.2 |
| 170 | 27.1 | 19.2 | 28.8 |

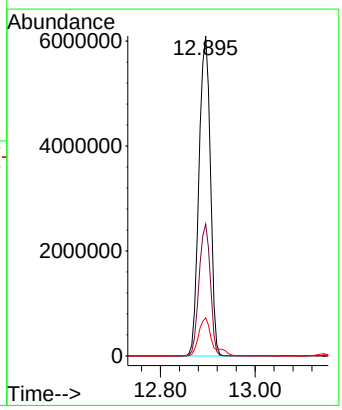


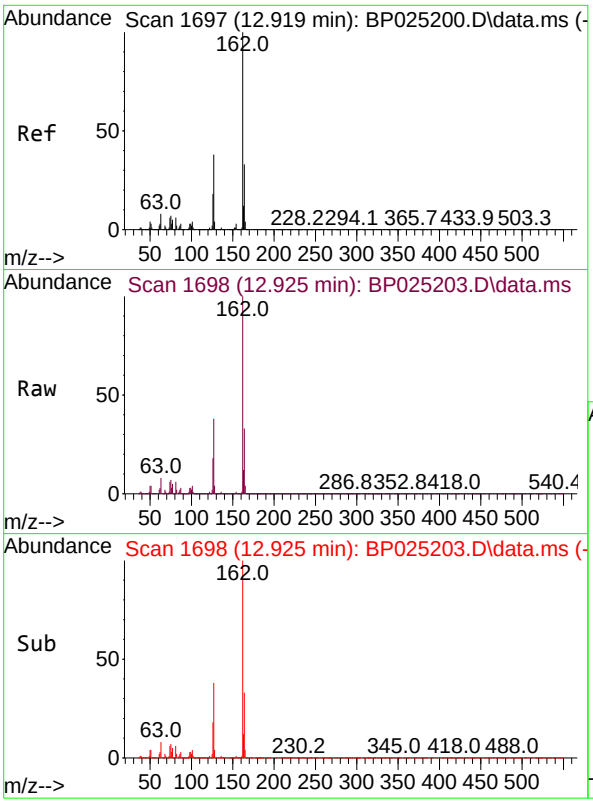




#46
1,1'-Biphenyl
Concen: 72.288 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp:10154378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 20.8 | 60.8 |
| 76 | 11.9 | 0.0 | 31.6 |



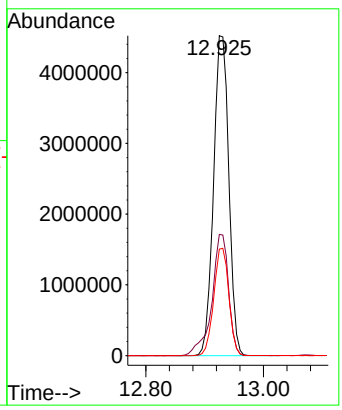


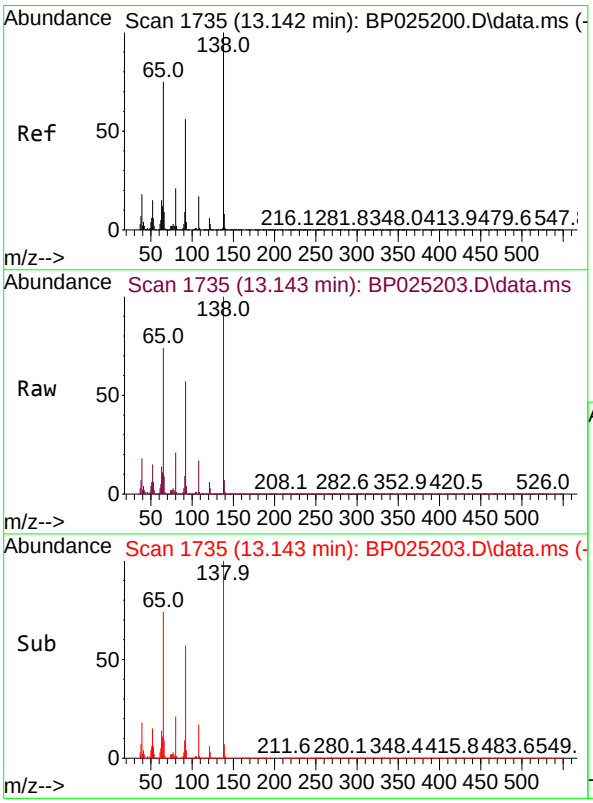

#47
2-Chloronaphthalene
Concen: 74.828 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:162 Resp: 8143502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.1 | 45.1 |
| 164 | 33.3 | 26.5 | 39.7 |

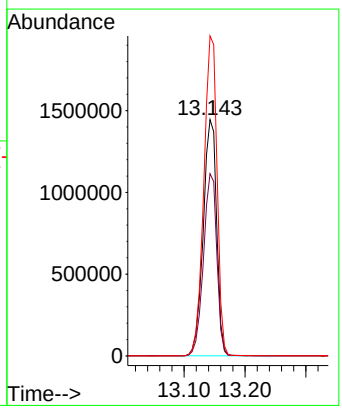


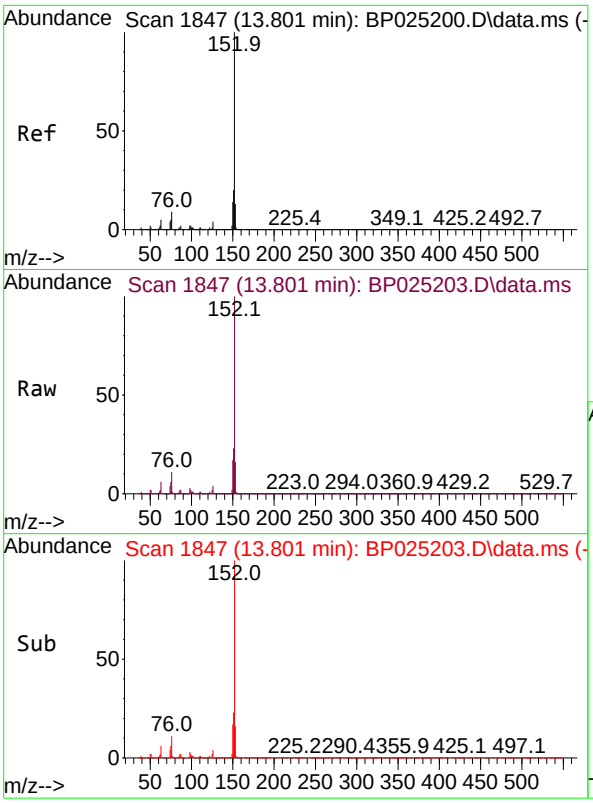




#48
2-Nitroaniline
Concen: 80.707 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion: 65 Resp: 2203215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.1 | 59.9 | 89.9 |
| 138 | 135.5 | 107.1 | 160.7 |



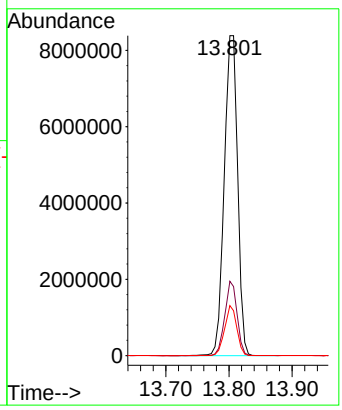


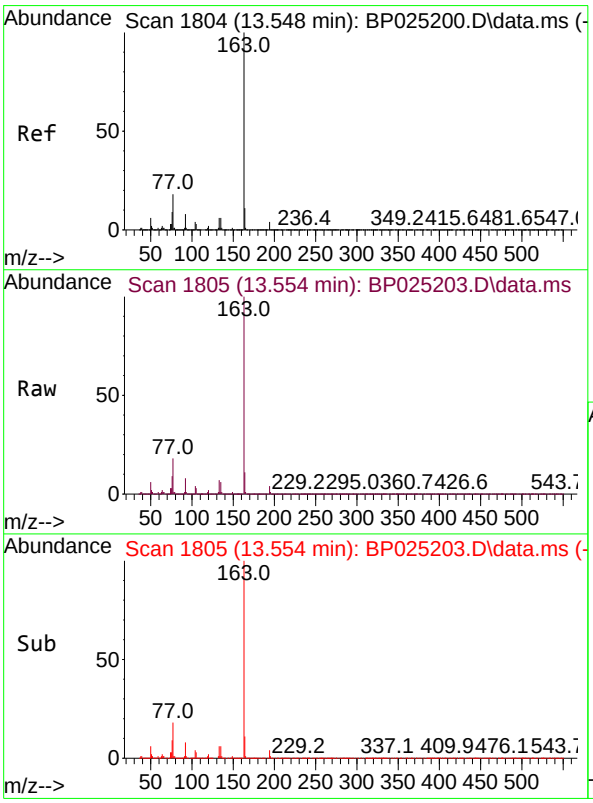

#49
Acenaphthylene
Concen: 68.982 ng
RT: 13.801 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:152 Resp:12310461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.2 | 16.2 | 24.2 |
| 153 | 15.6 | 10.6 | 15.8 |

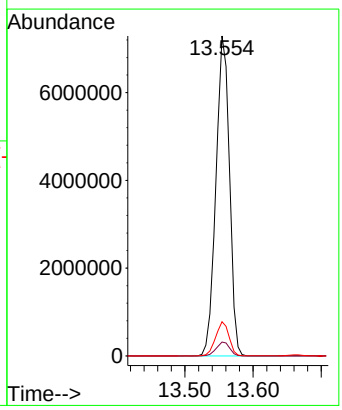


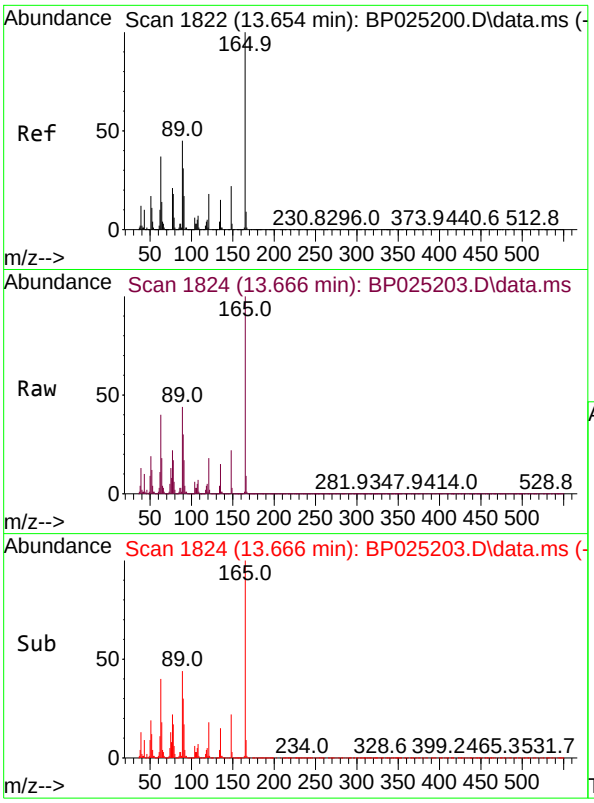




#50
Dimethylphthalate
Concen: 72.091 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:163 Resp: 9992464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.7 | 8.5 | 12.7 |



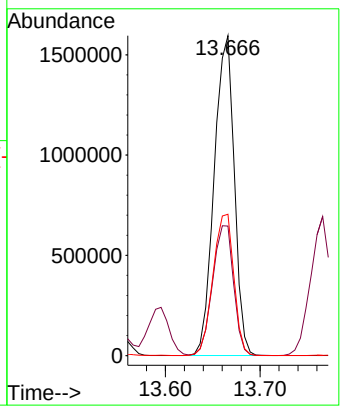


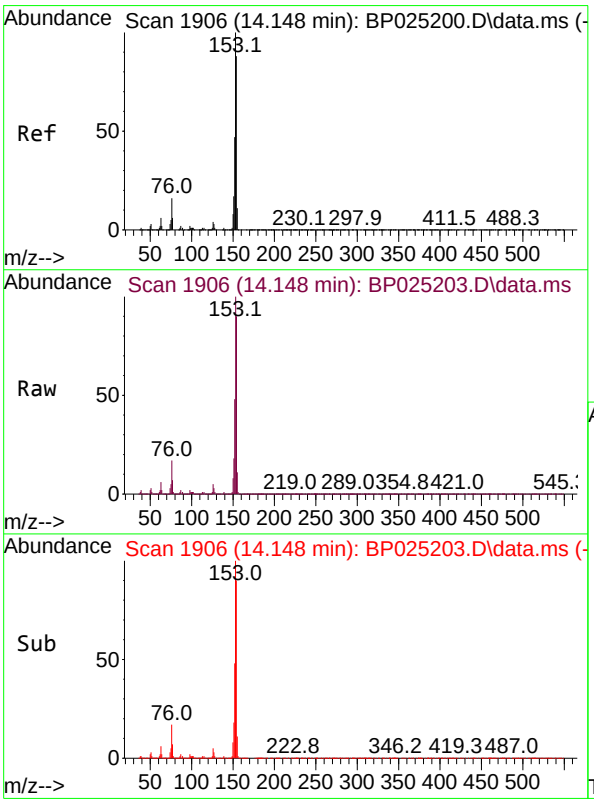

#51
2,6-Dinitrotoluene
Concen: 80.161 ng
RT: 13.666 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 2352035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.5 | 33.4 | 50.2 |
| 89 | 44.2 | 36.3 | 54.5 |

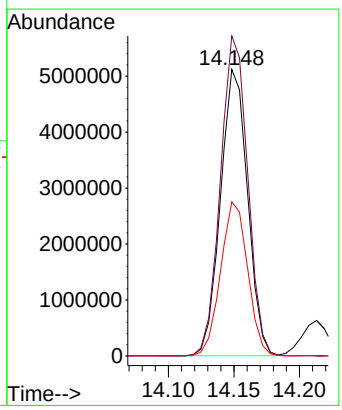


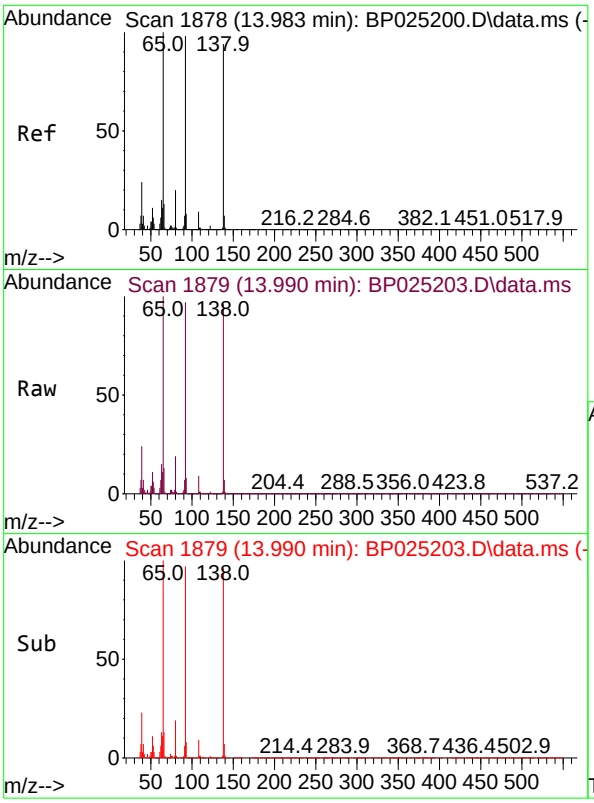




#52
Acenaphthene
Concen: 71.522 ng
RT: 14.148 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:154 Resp: 7352873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.8 | 42.9 | 64.3 |



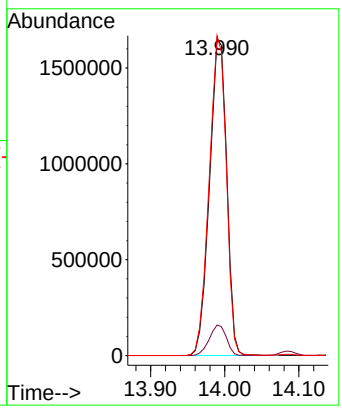


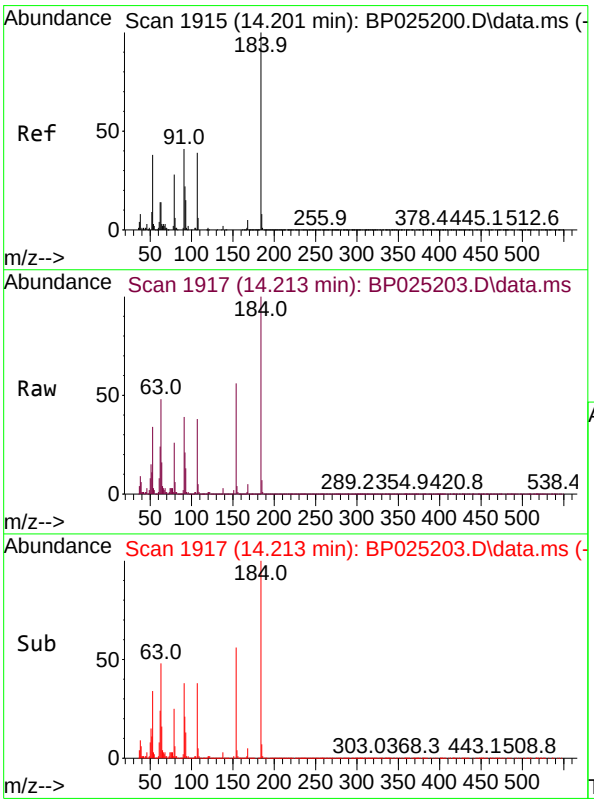

#53
3-Nitroaniline
Concen: 80.451 ng
RT: 13.990 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:138 Resp: 2663404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 7.5 | 11.3 |
| 92 | 100.9 | 83.2 | 124.8 |

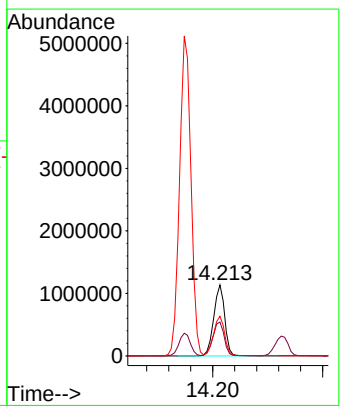


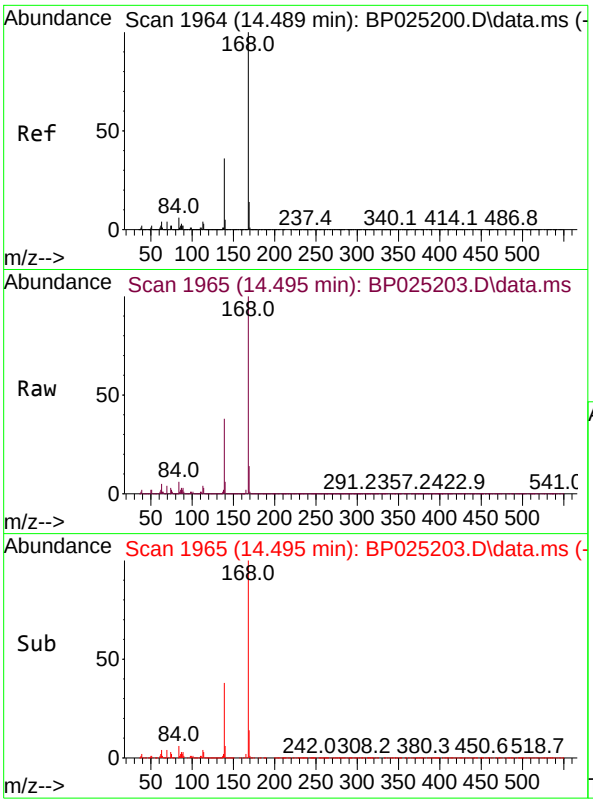




#54
2,4-Dinitrophenol
Concen: 94.925 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:184 Resp: 1560749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 47.7 | 41.8 | 62.8 |
| 154 | 55.7 | 45.7 | 68.5 |



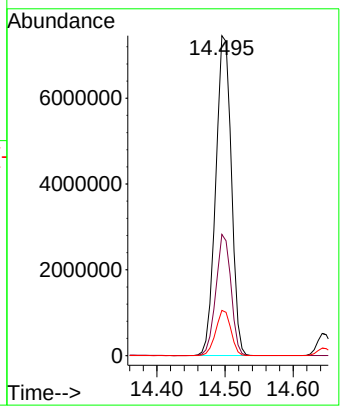


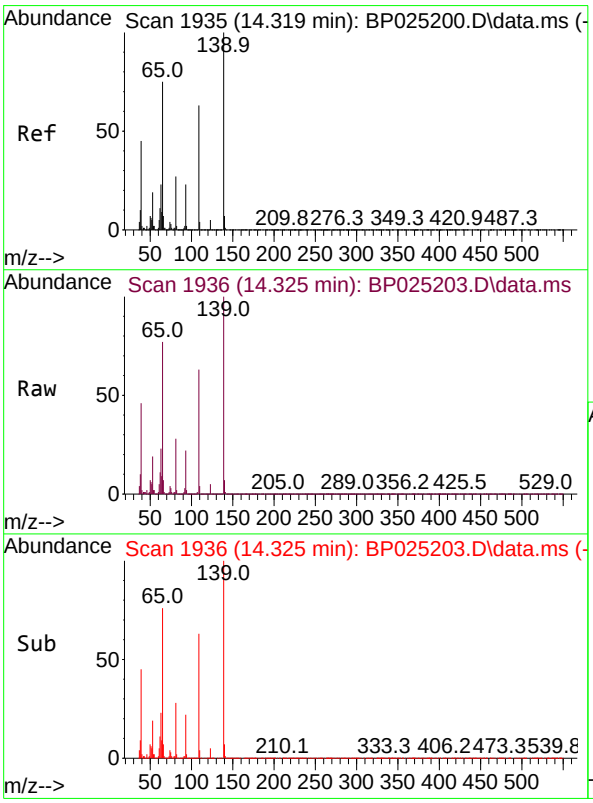

#55
Dibenzofuran
Concen: 70.782 ng
RT: 14.495 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:168 Resp:11781763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.9 | 28.7 | 43.1 |
| 169 | 14.1 | 10.9 | 16.3 |

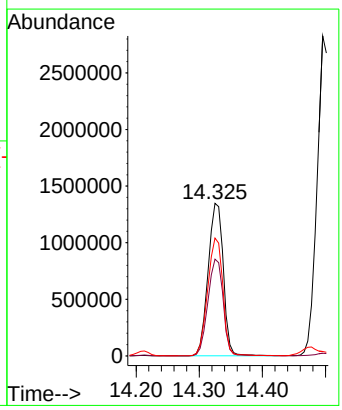


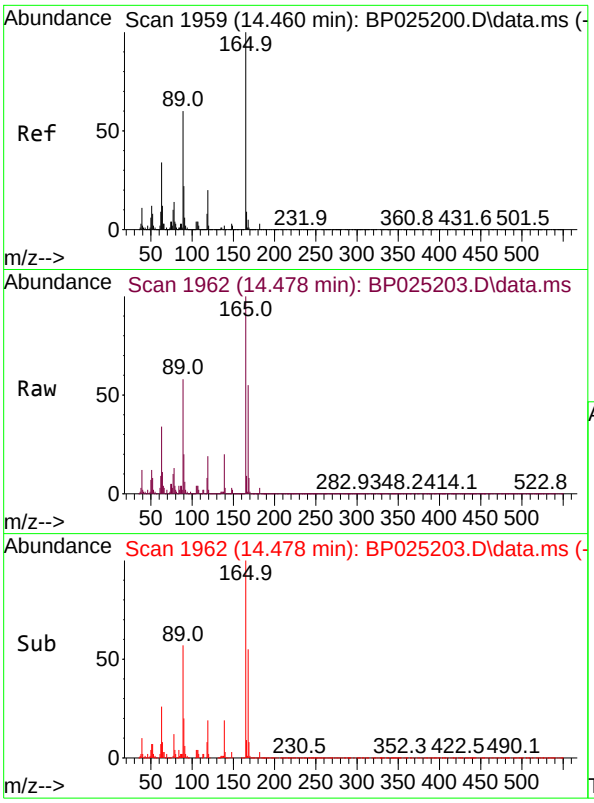




#56
4-Nitrophenol
Concen: 80.237 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:139 Resp: 2263623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.3 | 42.6 | 82.6 |
| 65 | 77.3 | 55.4 | 95.4 |



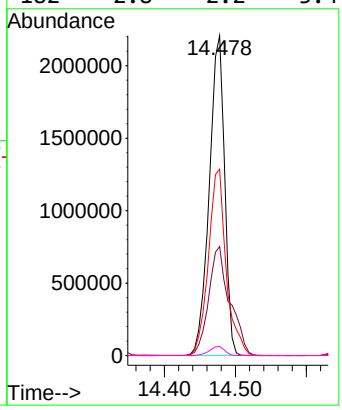


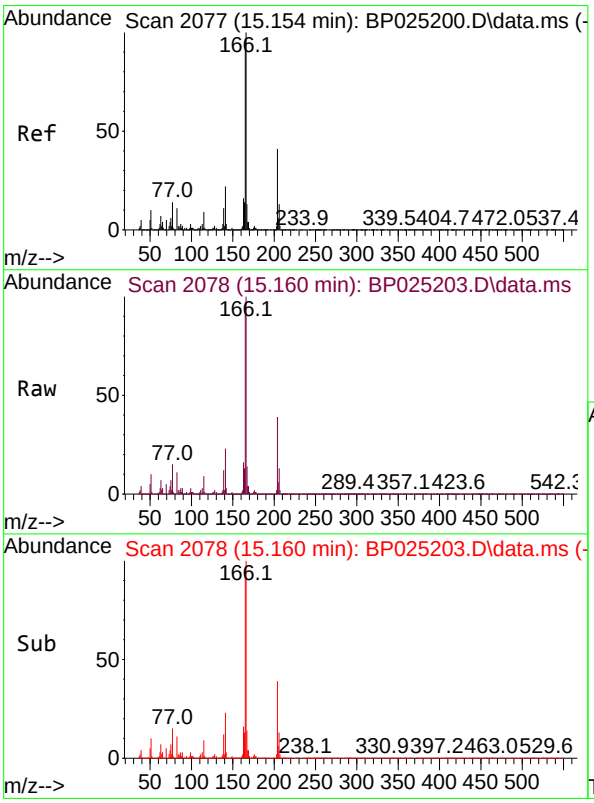

#57
2,4-Dinitrotoluene
Concen: 81.257 ng
RT: 14.478 min Scan# 19
Delta R.T. 0.018 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:165 Resp: 3321462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.1 | 27.0 | 40.4 |
| 89 | 58.3 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

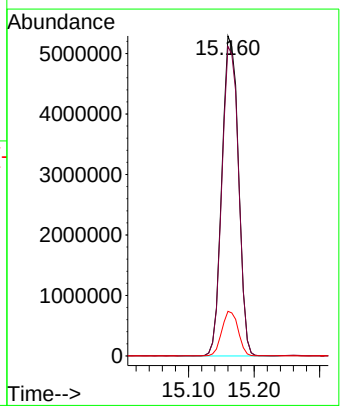


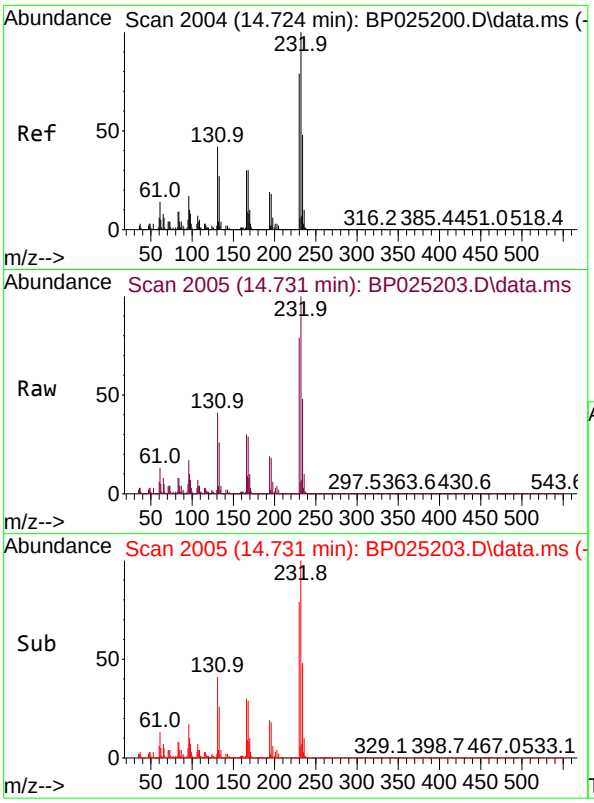




#58
Fluorene
Concen: 69.887 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:166 Resp: 9278378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.7 | 78.0 | 117.0 |
| 167 | 13.9 | 10.7 | 16.1 |



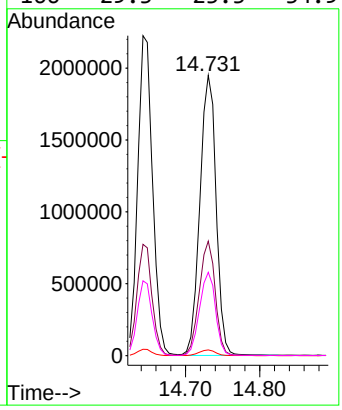


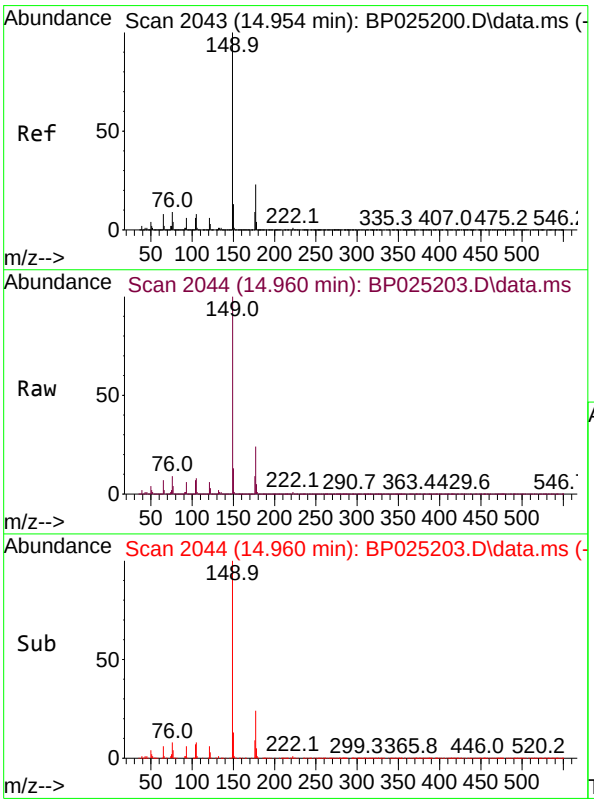

#59
2,3,4,6-Tetrachlorophenol
Concen: 78.074 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:232 Resp: 2961338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.3 | 23.3 | 34.9 |

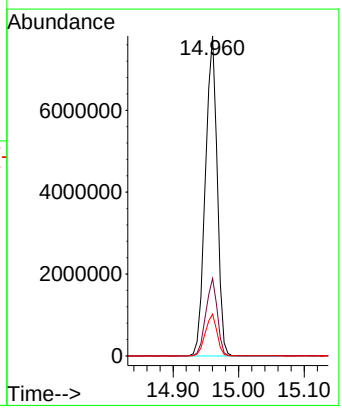


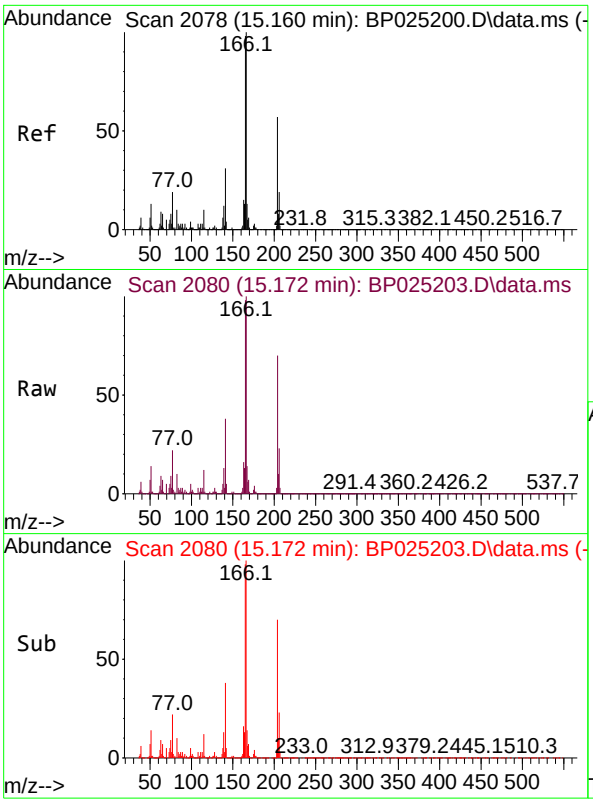




#60
Diethylphthalate
Concen: 71.116 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 9739656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 18.4 | 27.6 |
| 150 | 13.1 | 10.0 | 15.0 |



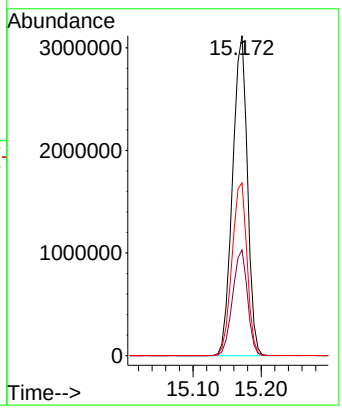


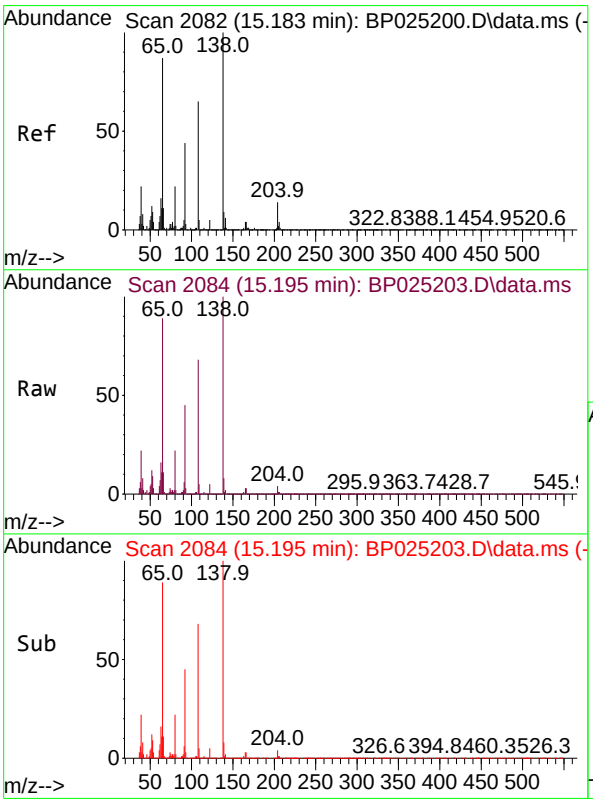

#61
4-Chlorophenyl-phenylether
Concen: 70.690 ng
RT: 15.172 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:204 Resp: 4730340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.3 | 39.5 |
| 141 | 54.0 | 43.0 | 64.6 |

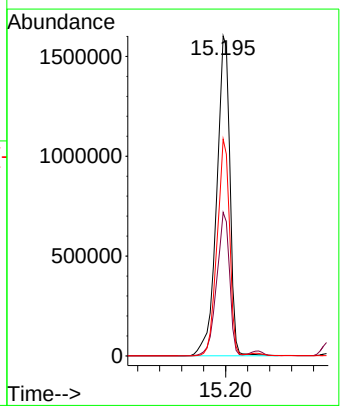


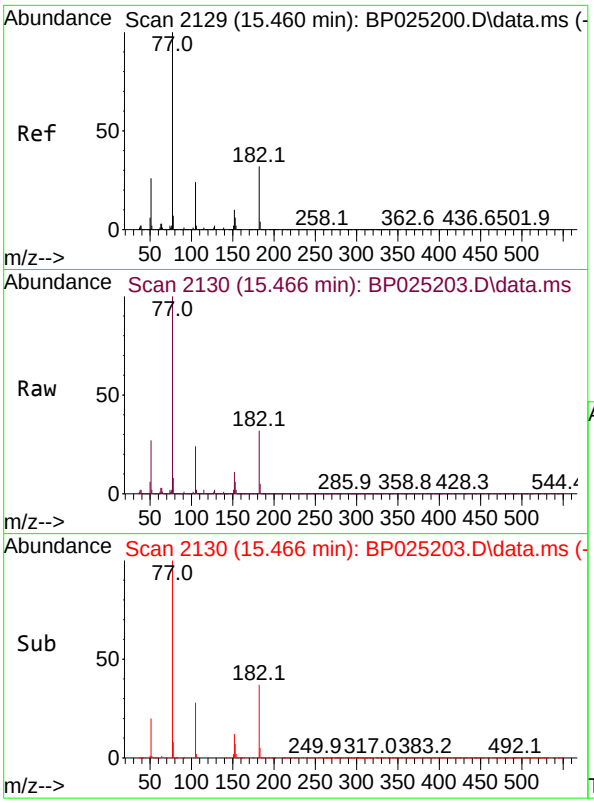




#62
4-Nitroaniline
Concen: 79.596 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:138 Resp: 2685203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.8 | 24.0 | 64.0 |
| 108 | 67.7 | 44.9 | 84.9 |



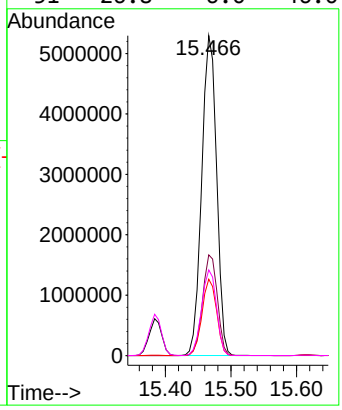


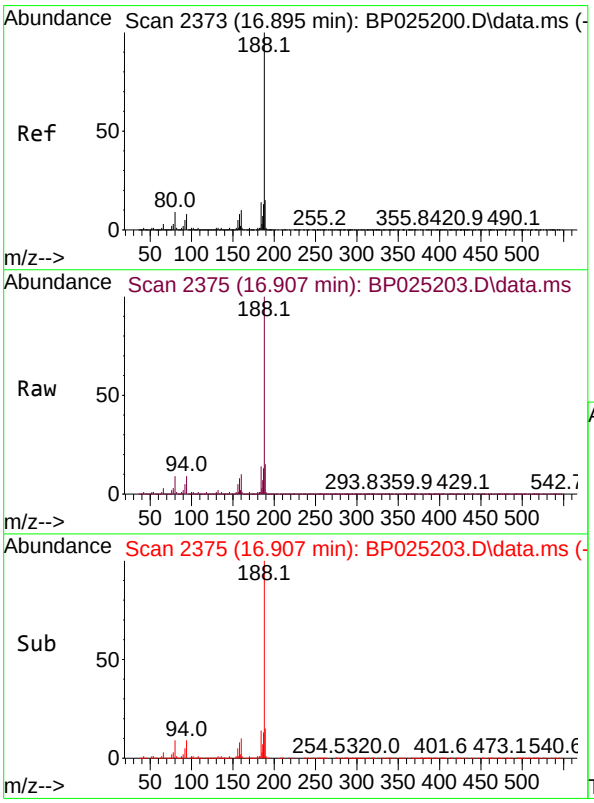

#63
Azobenzene
Concen: 75.626 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion: 77 Resp: 8319717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.5 | 12.0 | 52.0 |
| 105 | 23.9 | 3.6 | 43.6 |
| 51 | 26.8 | 6.0 | 46.0 |

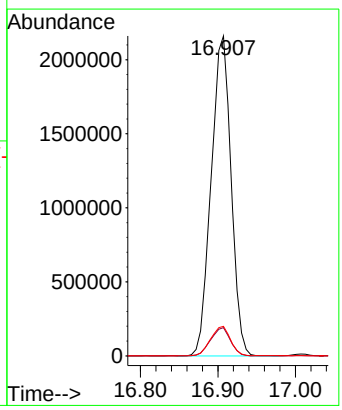


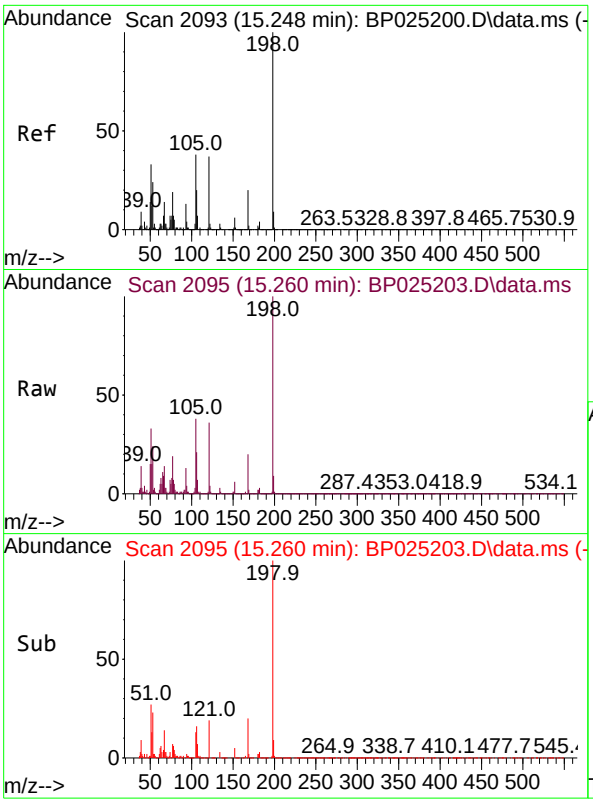




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:188 Resp: 3857742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.8 | 10.2 |
| 80 | 9.2 | 7.3 | 10.9 |



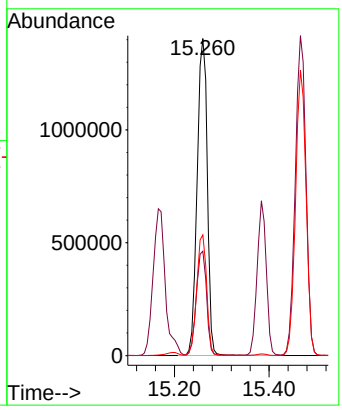


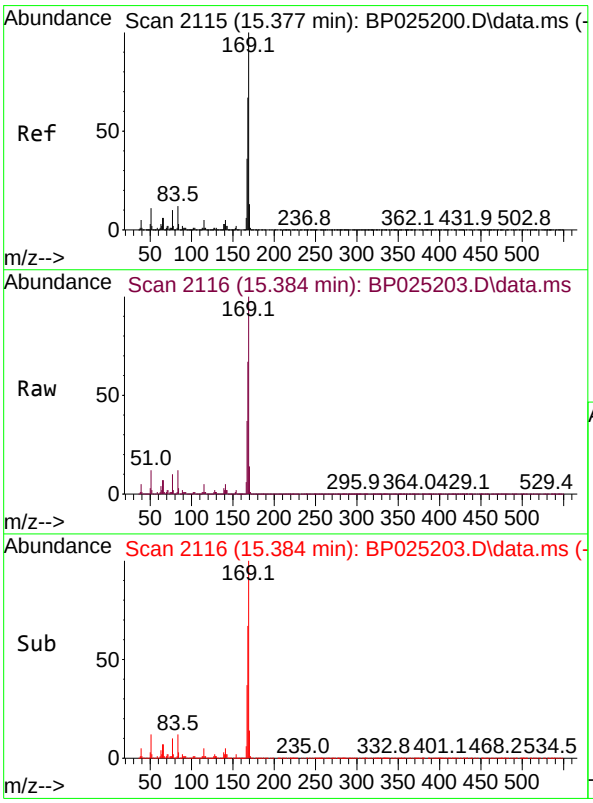

#65
4,6-Dinitro-2-methylphenol
Concen: 86.660 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:198 Resp: 2092932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.0 | 14.6 | 54.6 |
| 105 | 38.1 | 18.3 | 58.3 |

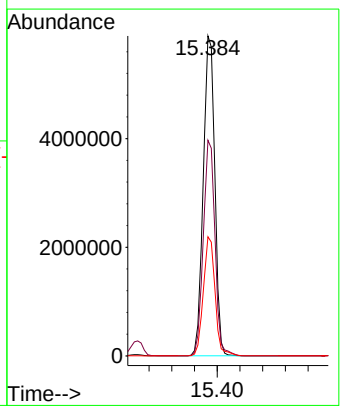


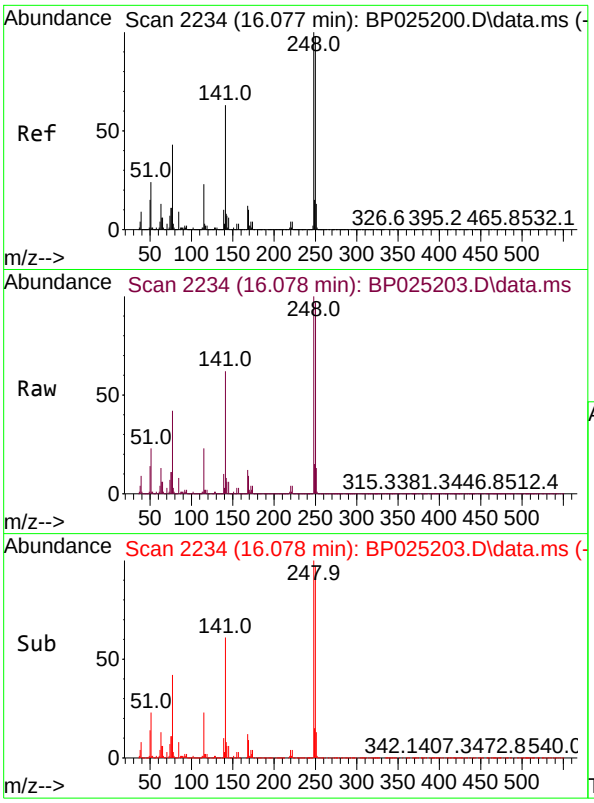




#66
n-Nitrosodiphenylamine
Concen: 69.242 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:169 Resp: 8318929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 53.7 | 80.5 |
| 167 | 37.2 | 29.0 | 43.6 |



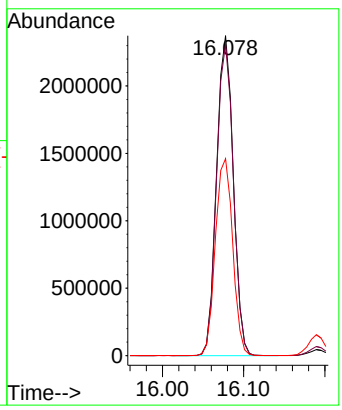


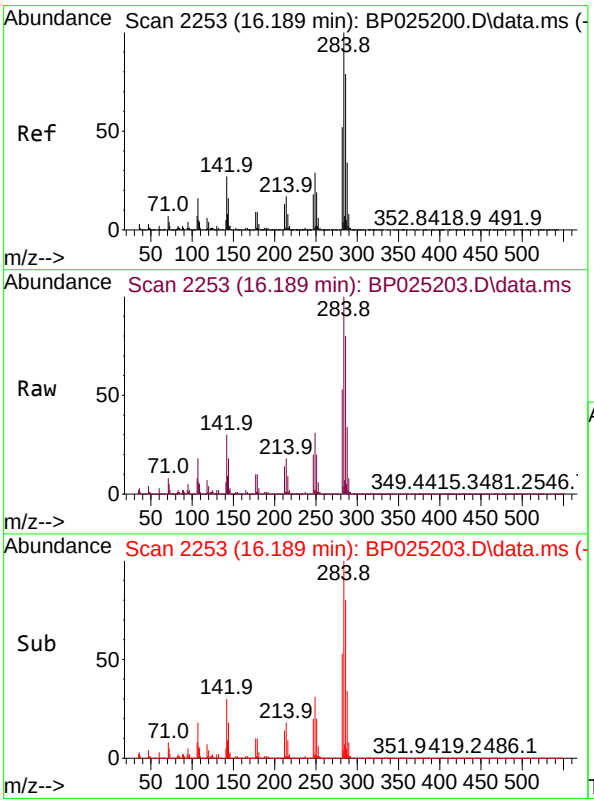

#67
4-Bromophenyl-phenylether
Concen: 74.593 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:248 Resp: 3392847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 78.5 | 117.7 |
| 141 | 61.5 | 50.5 | 75.7 |

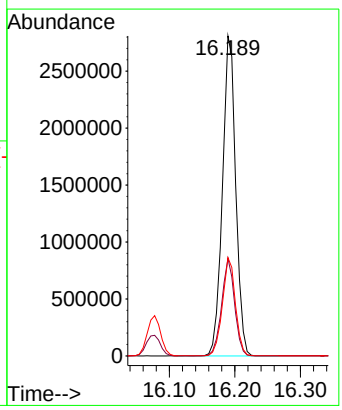


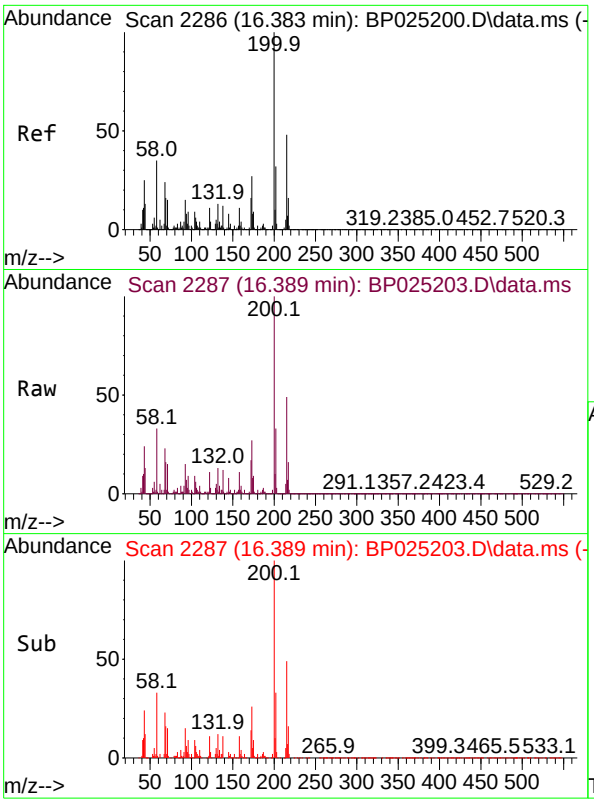




#68
Hexachlorobenzene
Concen: 72.885 ng
RT: 16.189 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:284 Resp: 3958634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.5 | 21.5 | 32.3 |
| 249 | 30.7 | 23.4 | 35.0 |



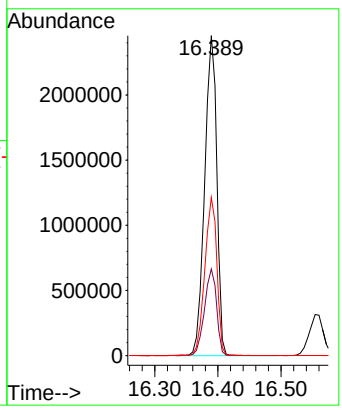


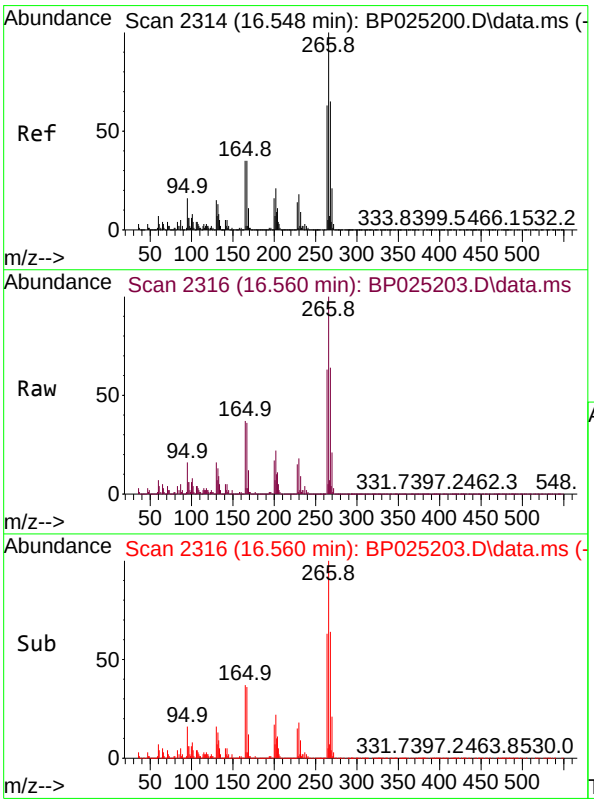

#69
Atrazine
Concen: 74.592 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:200 Resp: 3266485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 7.4 | 47.4 |
| 215 | 49.4 | 28.5 | 68.5 |

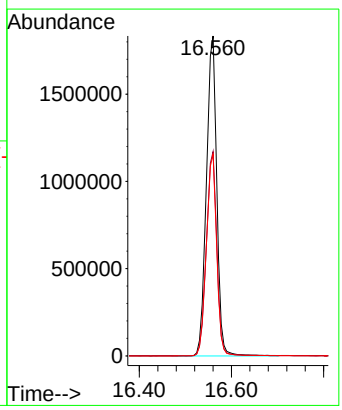


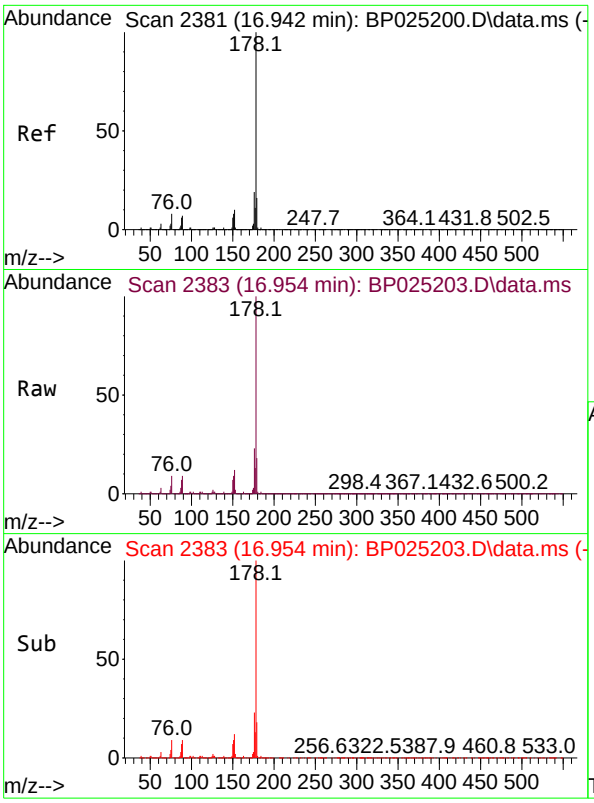




#70
Pentachlorophenol
Concen: 78.904 ng
RT: 16.560 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:266 Resp: 2852574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 51.8 | 77.6 |
| 264 | 63.0 | 50.3 | 75.5 |



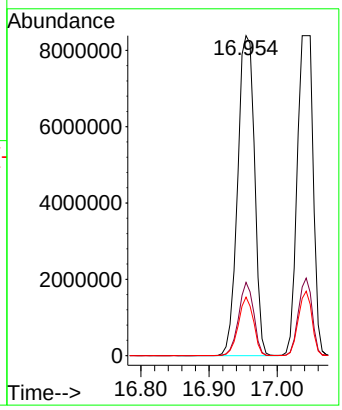


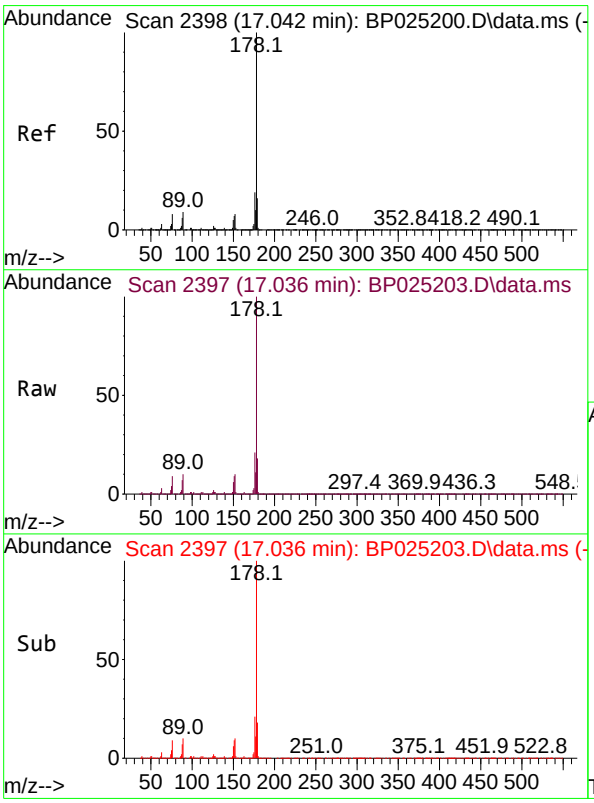

#71
Phenanthrene
Concen: 66.900 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:178 Resp:14380185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.9 | 15.6 | 23.4 |
| 179 | 18.3 | 12.5 | 18.7 |

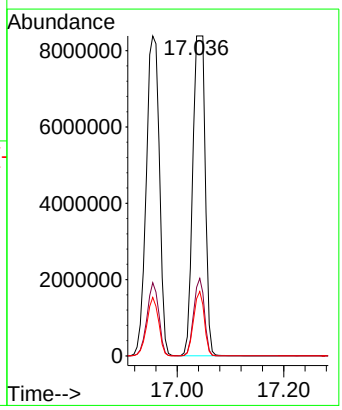


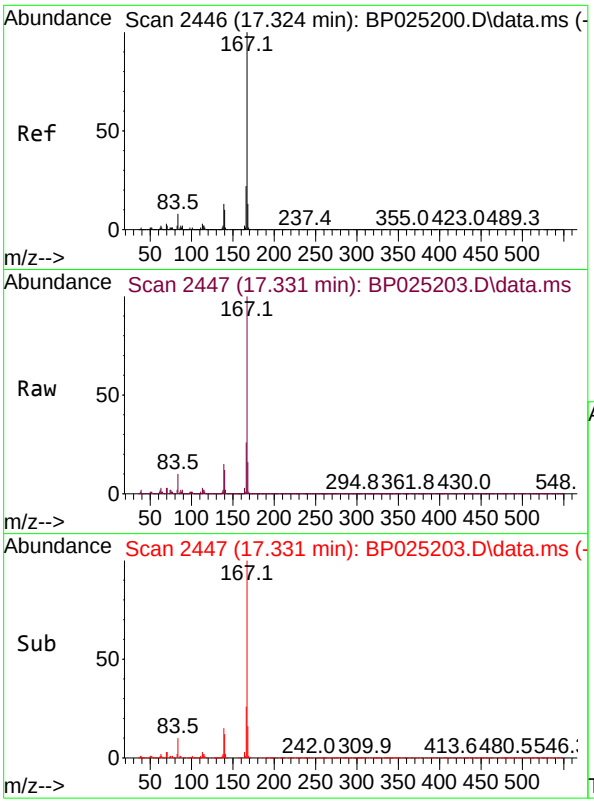




#72
Anthracene
Concen: 62.578 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:178 Resp:13655221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.4 | 15.0 | 22.4 |
| 179 | 17.9 | 12.5 | 18.7 |



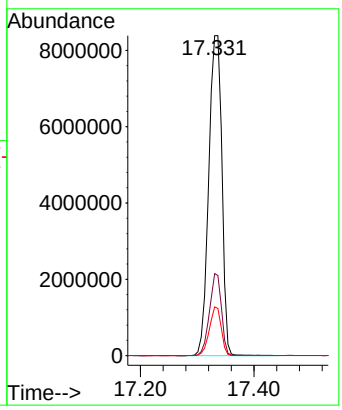


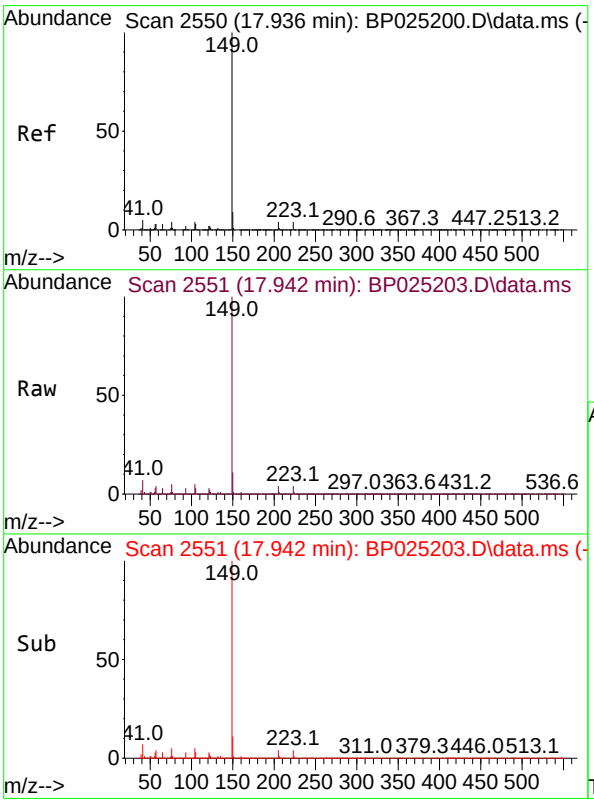

#73
Carbazole
Concen: 65.036 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:167 Resp:13502968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 25.6 | 17.3 | 25.9 |
| 139 | 15.2 | 10.1 | 15.1# |

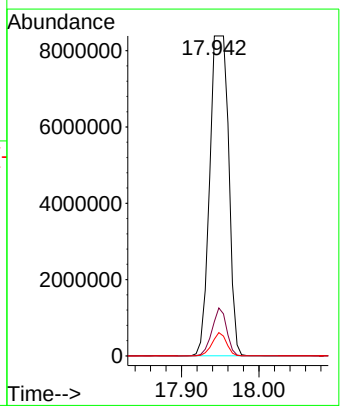


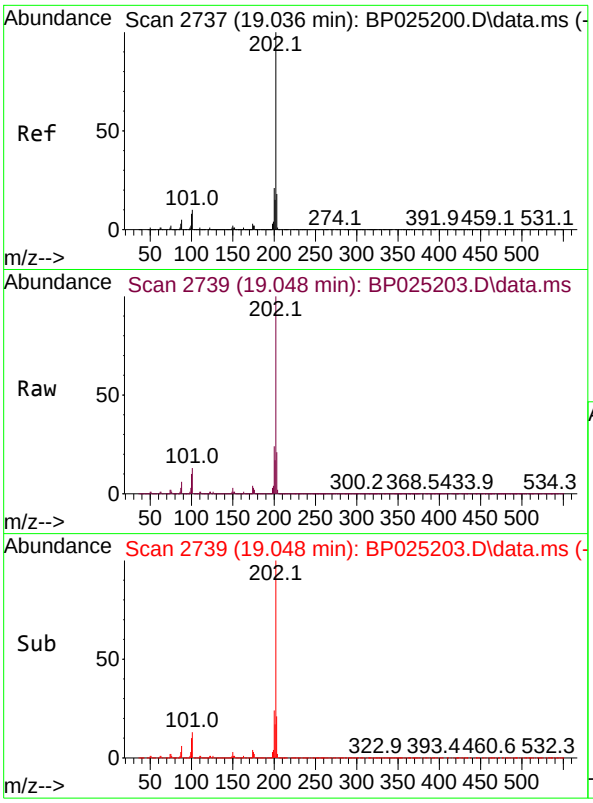




#74
Di-n-butylphthalate
Concen: 58.482 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:14237898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.7 | 7.6 | 11.4 |
| 104 | 5.2 | 3.5 | 5.3 |



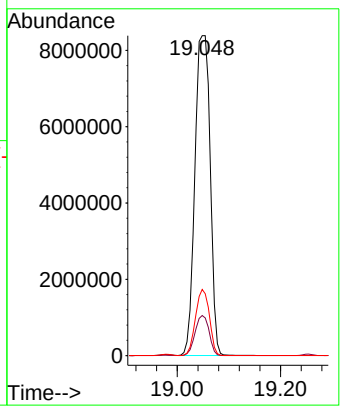


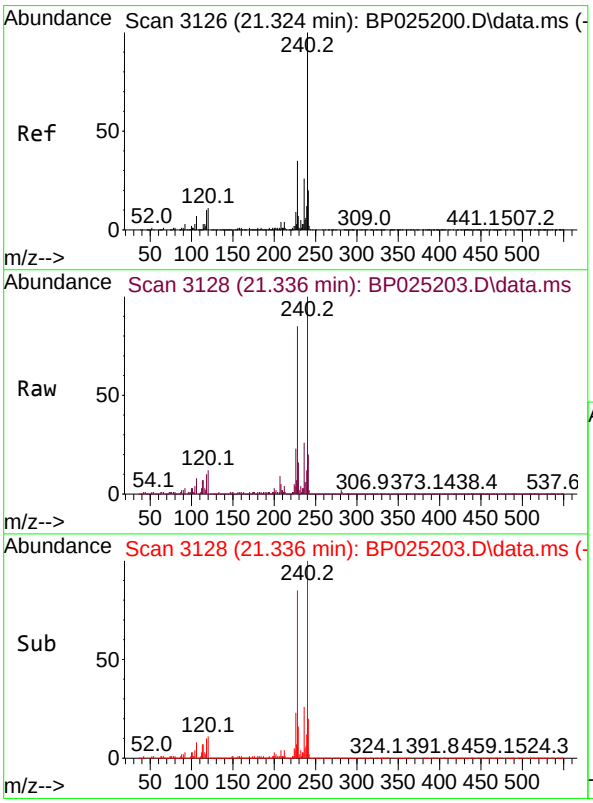

#75
Fluoranthene
Concen: 67.620 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:202 Resp:17185754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 30.3 |
| 203 | 20.7 | 0.0 | 38.0 |

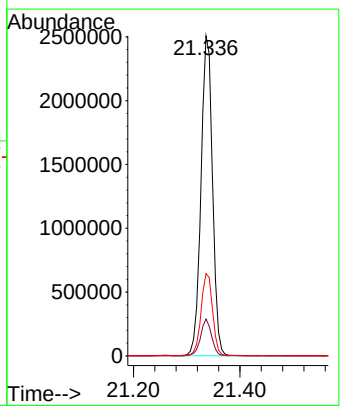


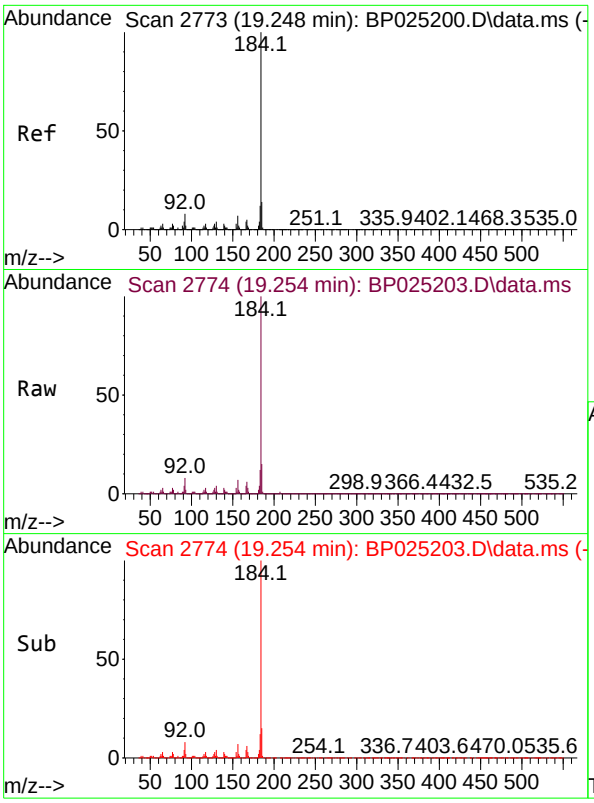




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:240 Resp: 3752201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



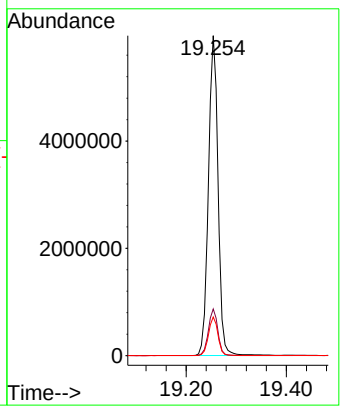


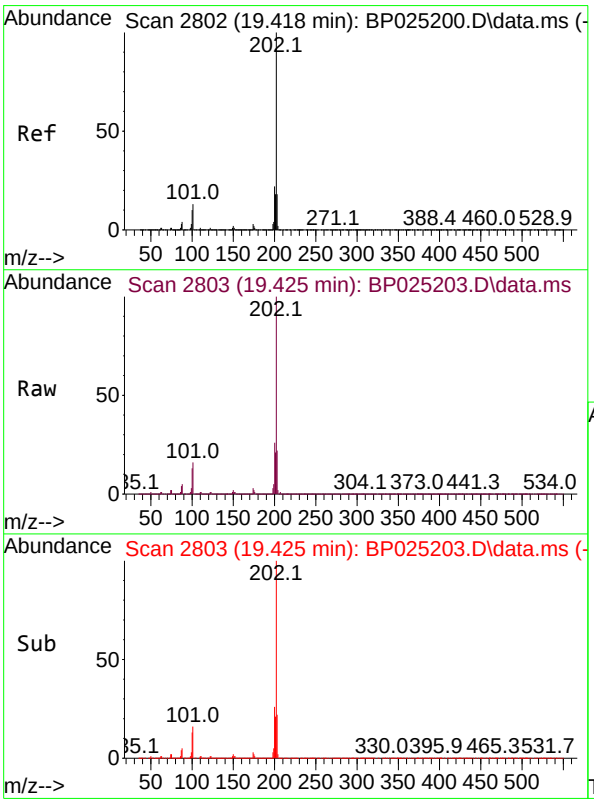

#77
Benzidine
Concen: 55.646 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:184 Resp: 7975723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.5 | 17.3 |
| 183 | 12.1 | 9.6 | 14.4 |

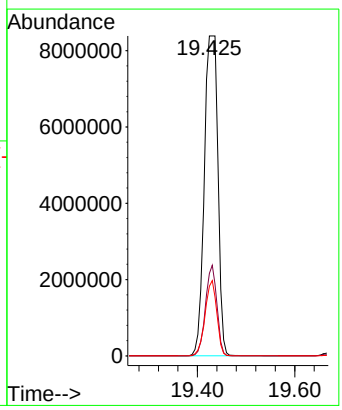


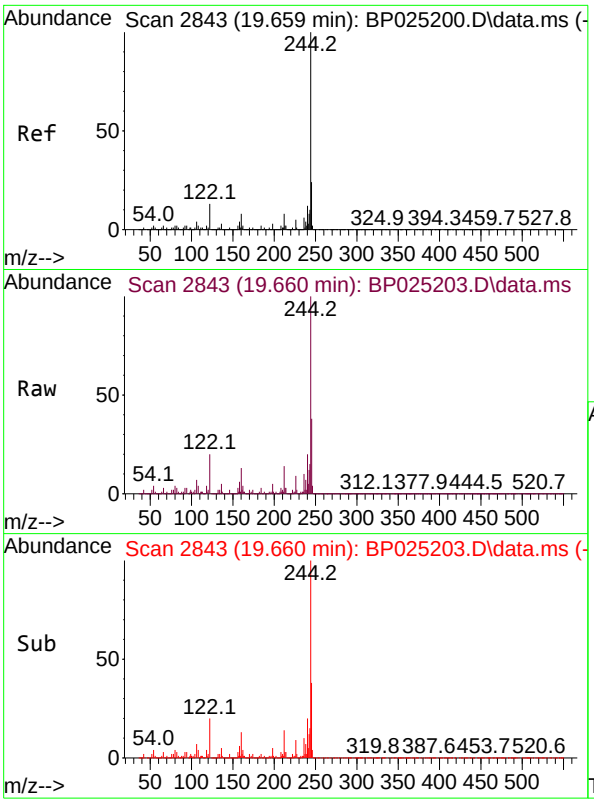




#78
Pyrene
Concen: 68.613 ng
RT: 19.425 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:202 Resp:16361302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.8 | 17.4 | 26.2 |
| 203 | 21.8 | 14.3 | 21.5# |



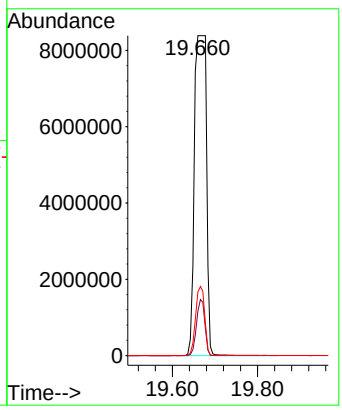


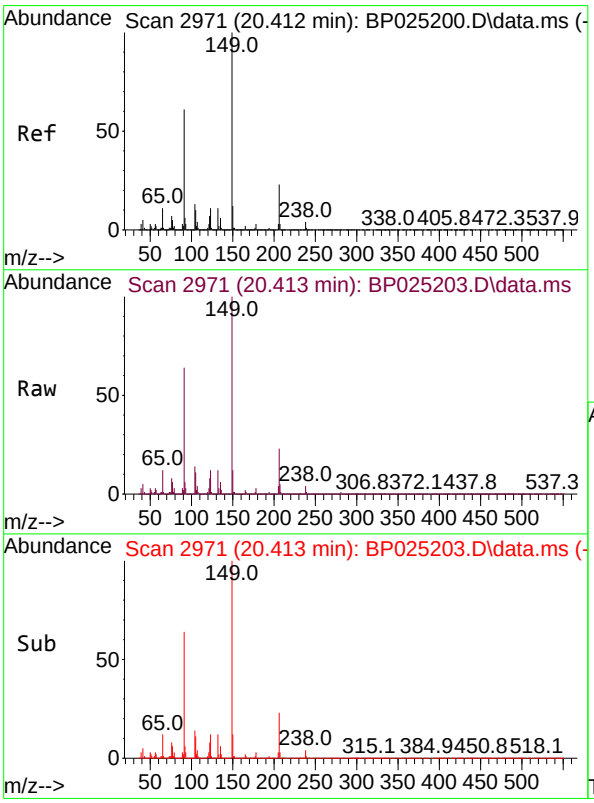

#79
Terphenyl-d14
Concen: 81.962 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:244 Resp:16467563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 13.9 | 6.6 | 9.8# |
| 122 | 19.9 | 10.3 | 15.5# |

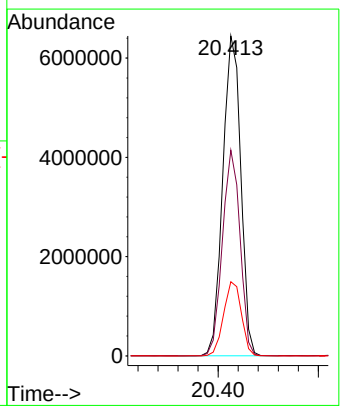


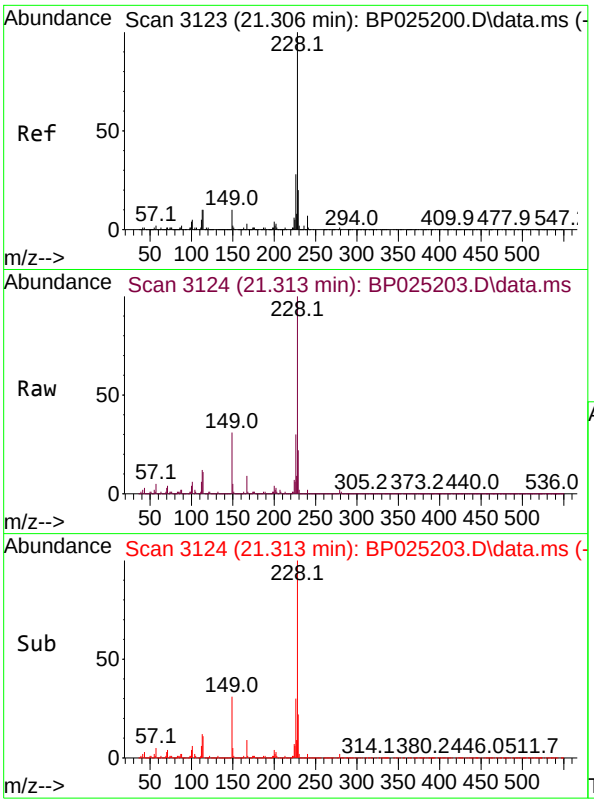




#80
Butylbenzylphthalate
Concen: 76.566 ng
RT: 20.413 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp: 8056925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.3 | 48.8 | 73.2 |
| 206 | 23.2 | 18.4 | 27.6 |



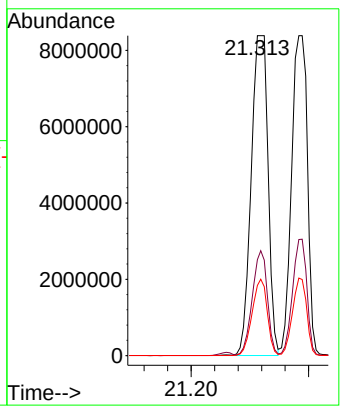


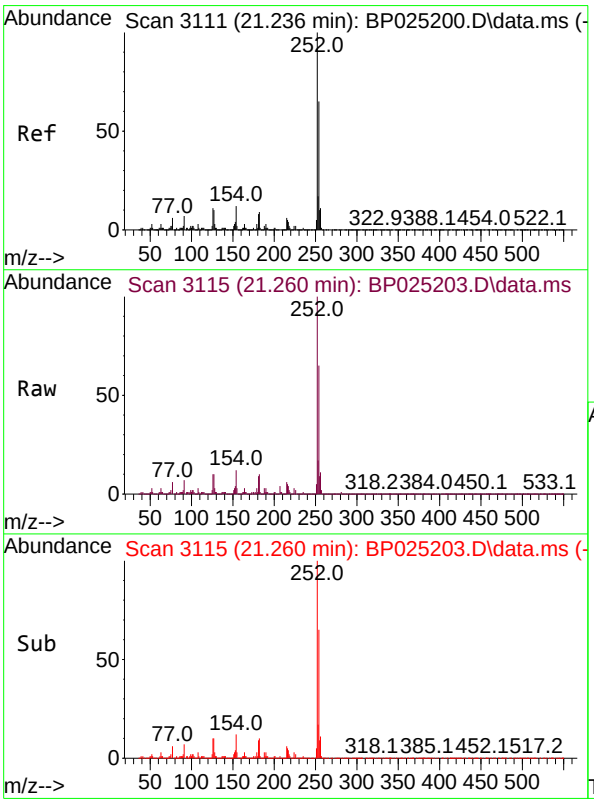

#81
Benzo(a)anthracene
Concen: 68.598 ng
RT: 21.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp:16742085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 22.3 | 33.5 |
| 229 | 21.9 | 16.2 | 24.2 |

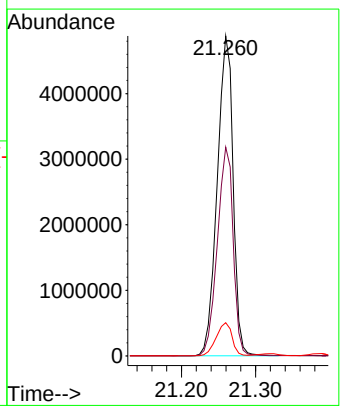


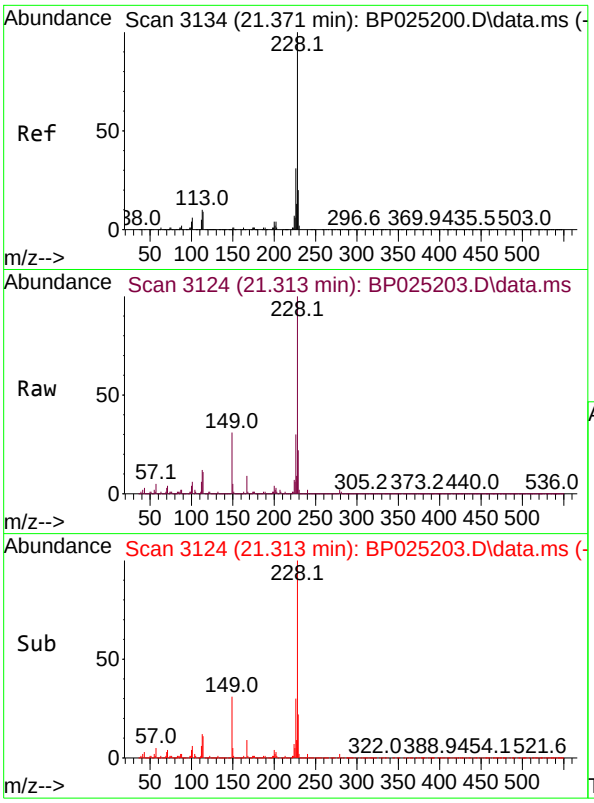




#82
3,3'-Dichlorobenzidine
Concen: 72.426 ng
RT: 21.260 min Scan# 3115
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp: 7248237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 52.1 | 78.1 |
| 126 | 10.4 | 8.6 | 12.8 |



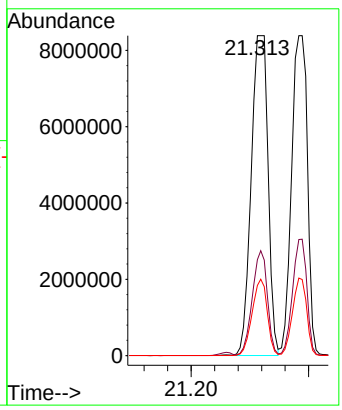


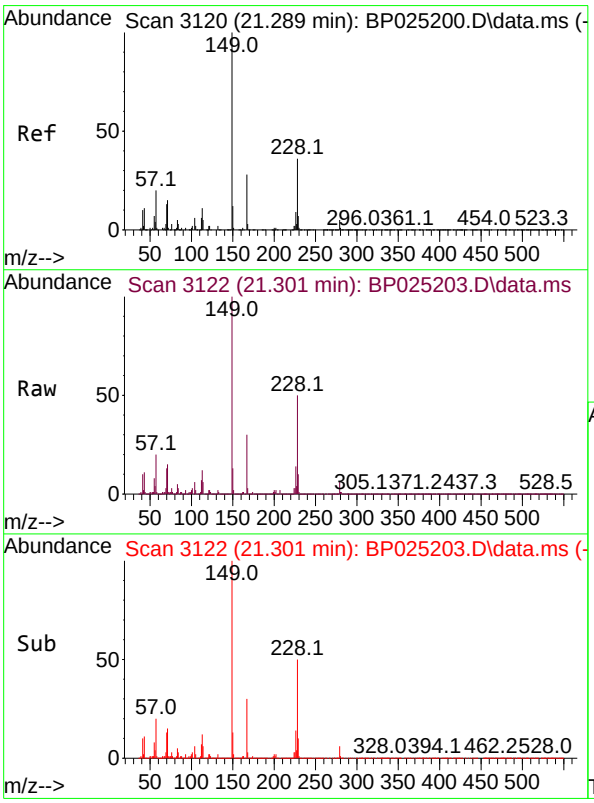

#83
Chrysene
Concen: 73.558 ng
RT: 21.313 min Scan# 31
Delta R.T. -0.058 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:228 Resp:16742085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.6 | 37.0 |
| 229 | 21.9 | 16.0 | 24.0 |

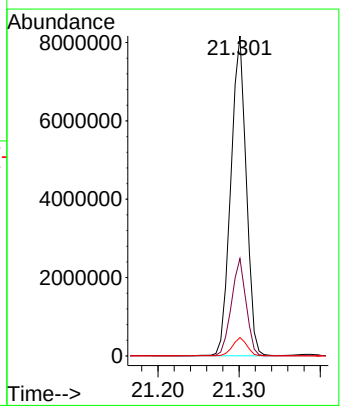


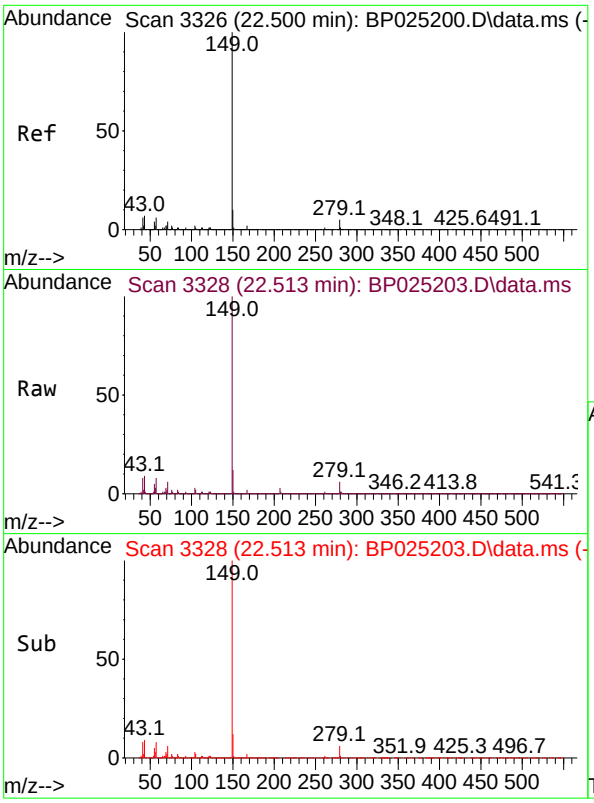




#84
Bis(2-ethylhexyl)phthalate
Concen: 70.360 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:149 Resp:10793960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.4 | 22.6 | 34.0 |
| 279 | 5.7 | 4.0 | 6.0 |



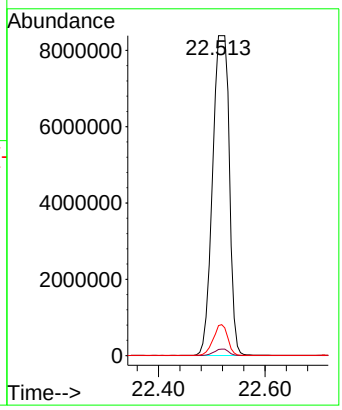


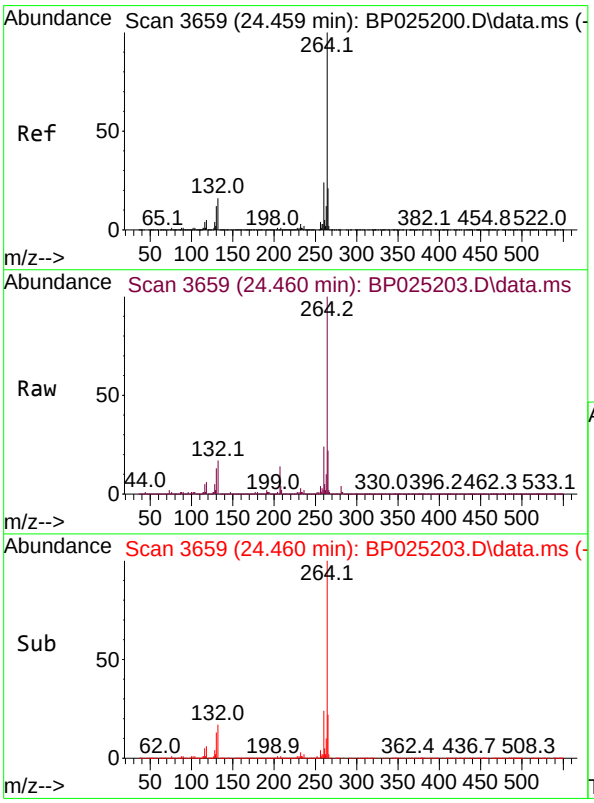

#85
Di-n-octyl phthalate
Concen: 68.160 ng
RT: 22.513 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:149 Resp:18225919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.3 | 1.9 |
| 43 | 8.3 | 6.1 | 9.1 |

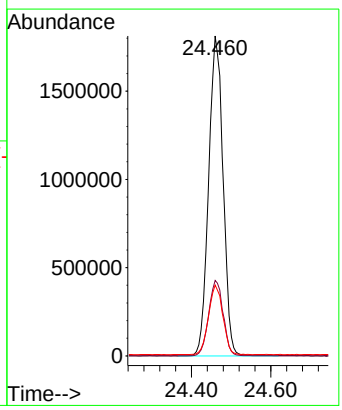


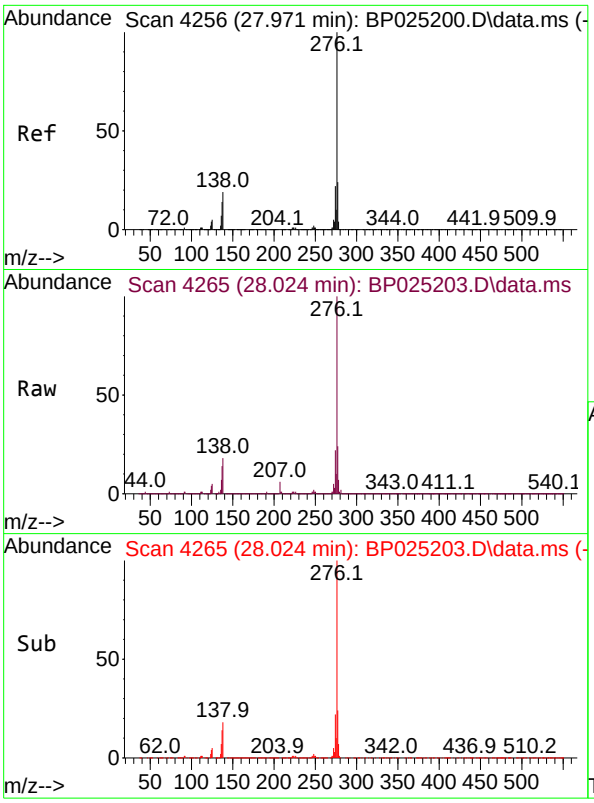




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:264 Resp: 4584448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.0 | 28.6 |
| 265 | 22.1 | 17.5 | 26.3 |



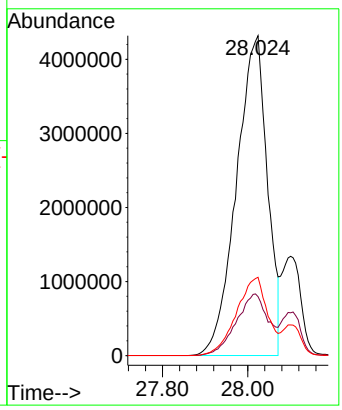


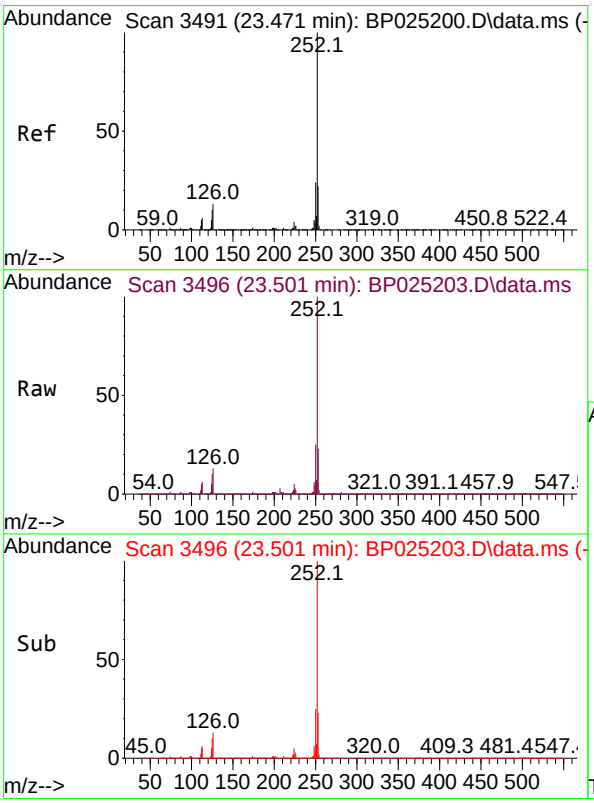

#87
Indeno(1,2,3-cd)pyrene
Concen: 64.520 ng
RT: 28.024 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:276 Resp:21743066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.4 | 12.8 | 19.2# |
| 277 | 24.6 | 20.3 | 30.5 |

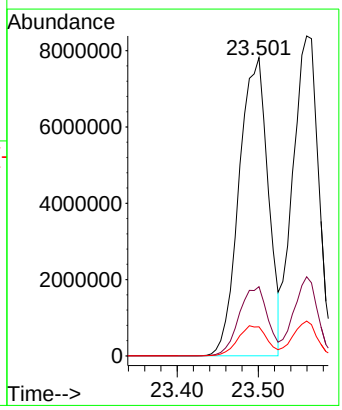


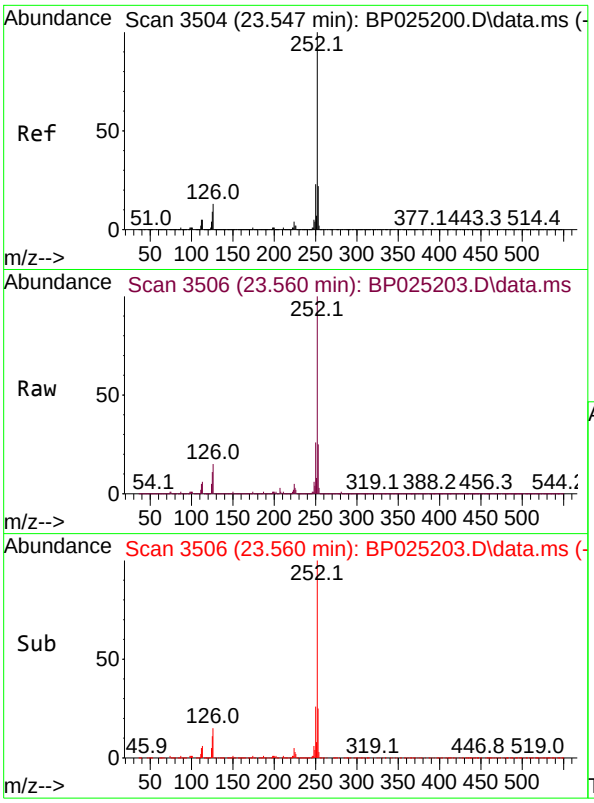




#88
Benzo(b)fluoranthene
Concen: 72.630 ng
RT: 23.501 min Scan# 3496
Delta R.T. 0.030 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19418416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 9.7 | 7.8 | 11.8 |



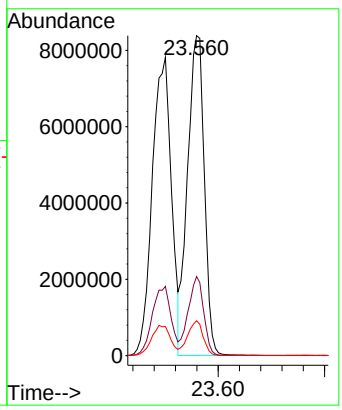


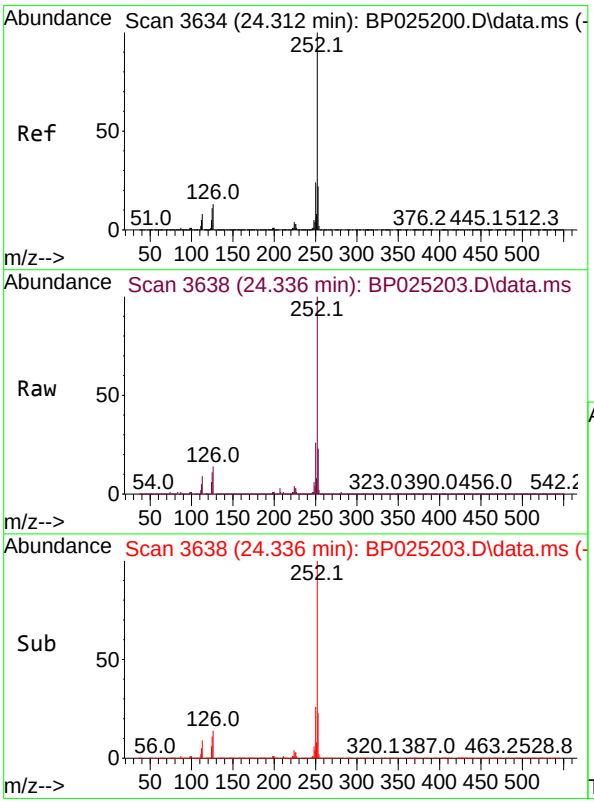

#89
Benzo(k)fluoranthene
Concen: 69.278 ng
RT: 23.560 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:252 Resp:18389745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 17.8 | 26.6 |
| 125 | 10.9 | 7.5 | 11.3 |

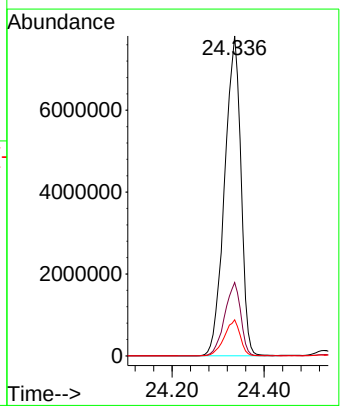


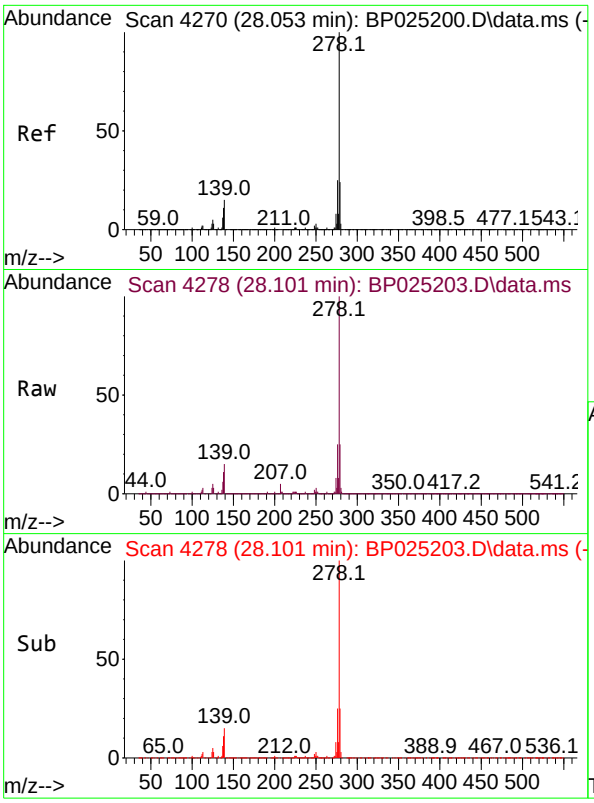




#90
Benzo(a)pyrene
Concen: 74.177 ng
RT: 24.336 min Scan# 3638
Delta R.T. 0.024 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:252 Resp:19250934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |



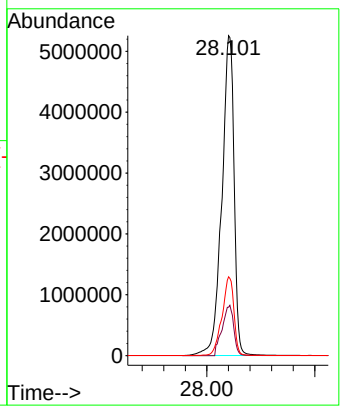


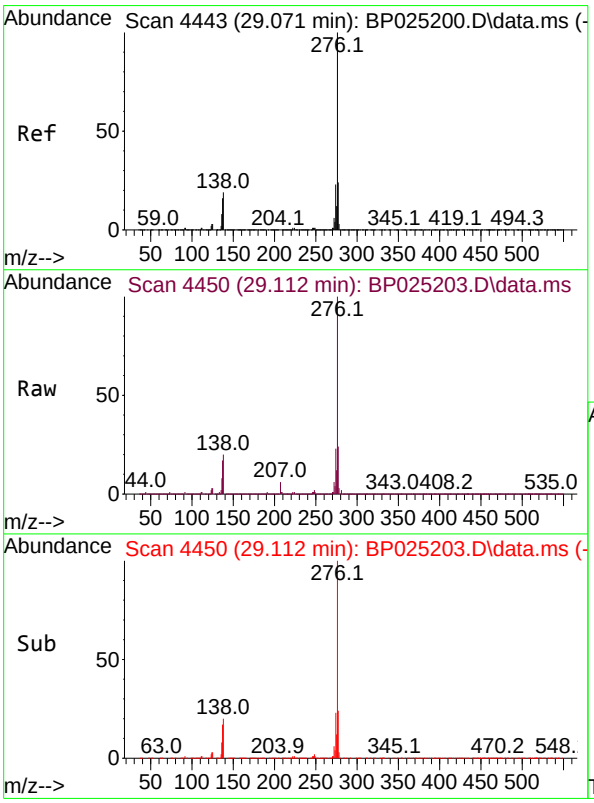

#91
Dibenzo(a,h)anthracene
Concen: 74.852 ng
RT: 28.101 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Tgt Ion:278 Resp:20686577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.2 | 12.0 | 18.0 |
| 279 | 24.6 | 19.5 | 29.3 |

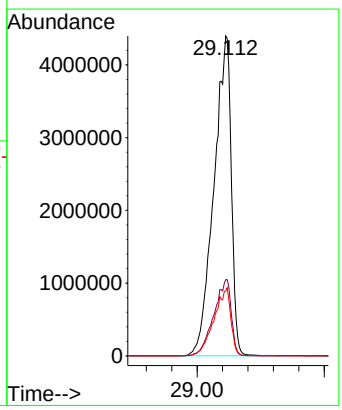



#92
Benzo(g,h,i)perylene
Concen: 76.871 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.042 min
Lab File: BP025203.D
Acq: 21 Jul 2025 19:14

Tgt Ion:276 Resp:20810607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.2 | 28.8 |
| 138 | 20.3 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 524940 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2104576 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1362526 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.890 | 188 | 2724423 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.325 | 240 | 2909374 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.454 | 264 | 3512838 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 2638101 | 84.913 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 3268850 | 84.951 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.561 | 82 | 3013470 | 79.573 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1738413 | 86.546 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7858078 | 81.308 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11572188 | 78.518 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 504115 | 43.294 | ng | 100 |
| 3) Pyridine | 3.496 | 79 | 1412341 | 45.312 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 559588 | 45.271 | ng | 99 |
| 6) Aniline | 6.778 | 93 | 2258683 | 44.906 | ng | 100 |
| 8) 2-Chlorophenol | 7.014 | 128 | 1592397 | 45.173 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 1084774 | 41.579 | ng | 100 |
| 10) Phenol | 6.661 | 94 | 1791500 | 44.894 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1378085 | 45.044 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1775571 | 44.791 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1799506 | 44.972 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 1732981 | 45.020 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1256245 | 45.260 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 1759704 | 44.953 | ng | 98 |
| 17) 2-Methylphenol | 7.878 | 107 | 1255605 | 45.385 | ng | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 622156 | 45.213 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1056083 | 45.622 | ng | 99 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 1707787 | 45.254 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 2254711 | 46.041 | ng | 100 |
| 24) Nitrobenzene | 8.608 | 77 | 1559201 | 46.187 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 3018090 | 45.319 | ng | 100 |
| 26) 2-Nitrophenol | 9.308 | 139 | 897017 | 46.272 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1483657 | 45.737 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.608 | 93 | 1895452 | 45.503 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 1520412 | 45.622 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 1637469 | 44.986 | ng | 99 |
| 31) Naphthalene | 10.219 | 128 | 4820314 | 44.759 | ng | 100 |
| 32) Benzoic acid | 9.525 | 122 | 1168950 | 47.203 | ng | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 2150538 | 45.428 | ng | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 972292 | 44.380 | ng | 98 |
| 35) Caprolactam | 11.131 | 113 | 502072 | 45.393 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1529350 | 45.907 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.855 | 142 | 3102963 | 44.372 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 3312609 | 45.095 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1867529 | 45.726 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 1182850 | 48.517 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1271588 | 45.567 | ng | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1384362 | 45.080 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.896 | 154 | 4485894 | 45.416 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 3474901 | 45.062 | ng | | 100 |
| 48) 2-Nitroaniline | 13.143 | 65 | 909354 | 46.176 | ng | | 98 |
| 49) Acenaphthylene | 13.796 | 152 | 5754979 | 46.141 | ng | | 100 |
| 50) Dimethylphthalate | 13.543 | 163 | 4360923 | 44.753 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 978826 | 46.230 | ng | | 99 |
| 52) Acenaphthene | 14.154 | 154 | 3282137 | 45.507 | ng | | 99 |
| 53) 3-Nitroaniline | 13.984 | 138 | 1096681 | 45.931 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.196 | 184 | 586989 | 46.791 | ng | | 98 |
| 55) Dibenzofuran | 14.496 | 168 | 5343820 | 45.869 | ng | | 99 |
| 56) 4-Nitrophenol | 14.313 | 139 | 944675 | 46.237 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1390893 | 46.930 | ng | | 95 |
| 58) Fluorene | 15.154 | 166 | 4240752 | 45.851 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.725 | 232 | 1243197 | 45.744 | ng | | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 4306867 | 44.844 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 2117148 | 45.300 | ng | | 99 |
| 62) 4-Nitroaniline | 15.178 | 138 | 1122038 | 46.208 | ng | | 99 |
| 63) Azobenzene | 15.454 | 77 | 3579445 | 45.735 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 820280 | 46.654 | ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.372 | 169 | 3726776 | 45.067 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1399658 | 44.020 | ng | | 97 |
| 68) Hexachlorobenzene | 16.190 | 284 | 1692331 | 44.819 | ng | | 95 |
| 69) Atrazine | 16.378 | 200 | 1395157 | 45.593 | ng | | 98 |
| 70) Pentachlorophenol | 16.543 | 266 | 1172182 | 45.651 | ng | | 99 |
| 71) Phenanthrene | 16.937 | 178 | 6708617 | 45.655 | ng | | 100 |
| 72) Anthracene | 17.042 | 178 | 6800703 | 45.942 | ng | | 100 |
| 73) Carbazole | 17.319 | 167 | 6461345 | 45.725 | ng | | 100 |
| 74) Di-n-butylphthalate | 17.937 | 149 | 7668085 | 47.030 | ng | | 100 |
| 75) Fluoranthene | 19.036 | 202 | 8016191 | 46.353 | ng | | 100 |
| 77) Benzidine | 19.254 | 184 | 5103974 | 49.969 | ng | | 99 |
| 78) Pyrene | 19.419 | 202 | 8280087 | 46.157 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3669353 | 45.188 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 8225034 | 44.767 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3492411 | 45.857 | ng | | 99 |
| 83) Chrysene | 21.372 | 228 | 7810320 | 45.539 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 5264917 | 45.344 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 9383339 | 46.799 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.983 | 276 | 9783058 | 38.109 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 8937938 | 44.450 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.548 | 252 | 8873357 | 44.700 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 8836252 | 45.040 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.054 | 278 | 9396843 | 44.867 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.077 | 276 | 9117542 | 44.298 | ng | | 98 |

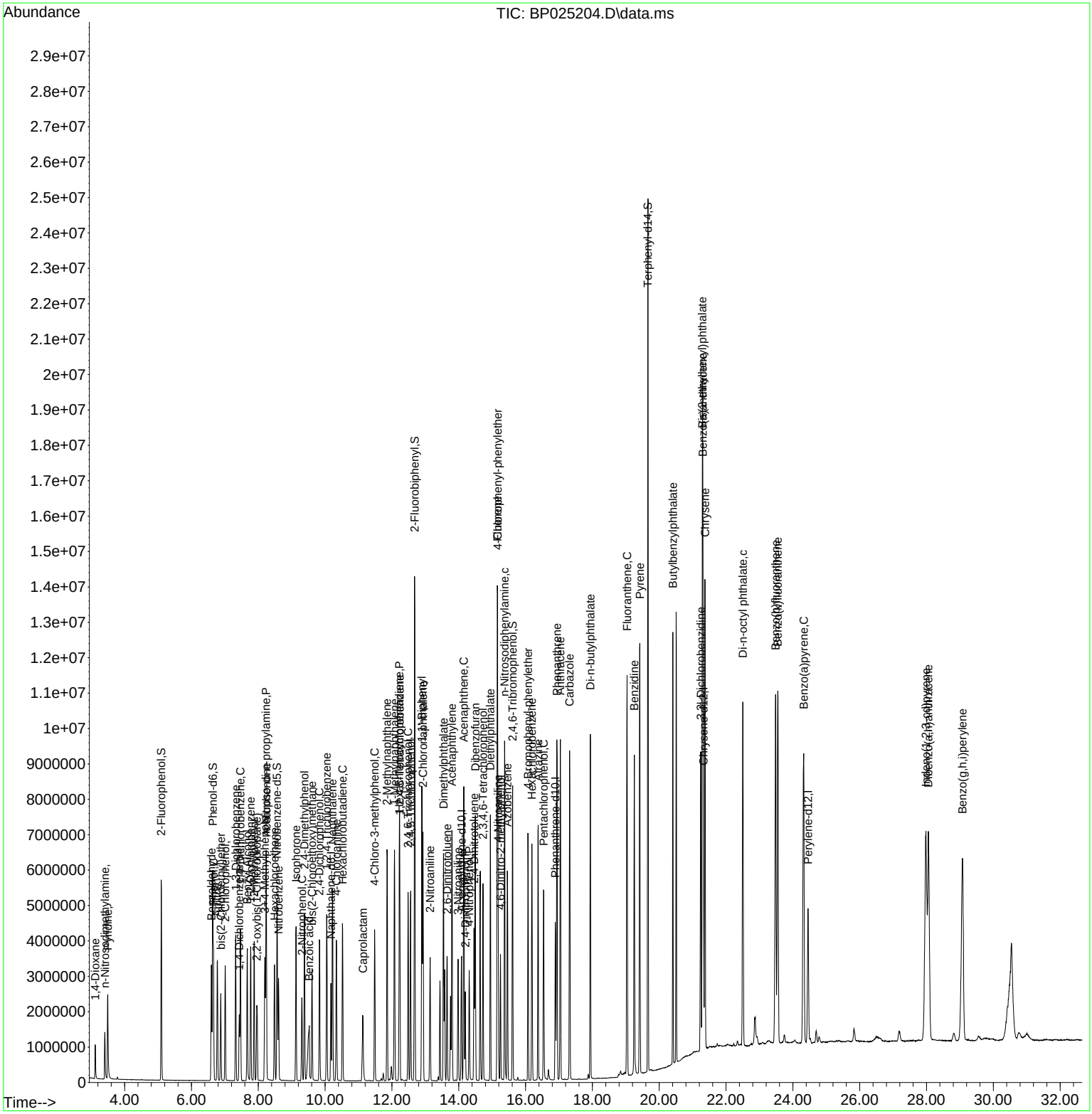
(#) = qualifier out of range (m) = manual integration (+) = signals summed

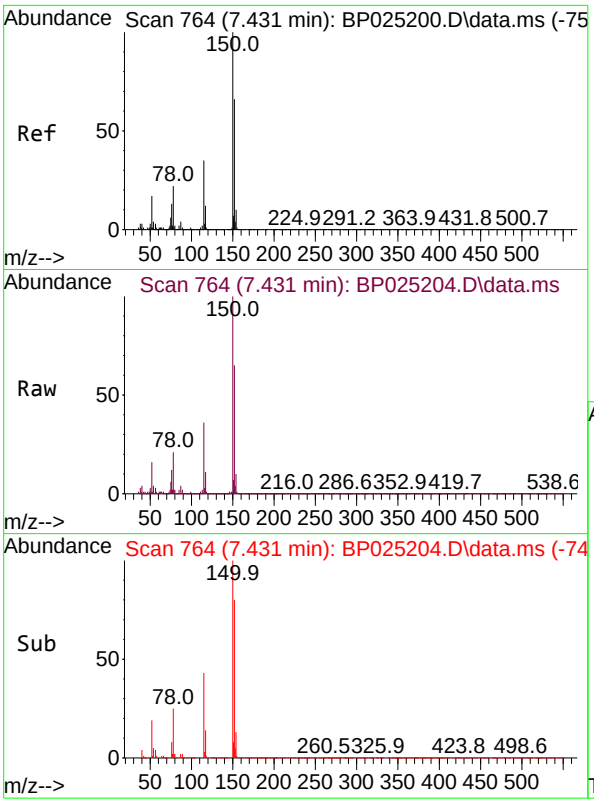
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



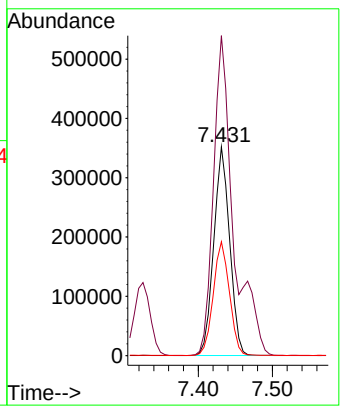


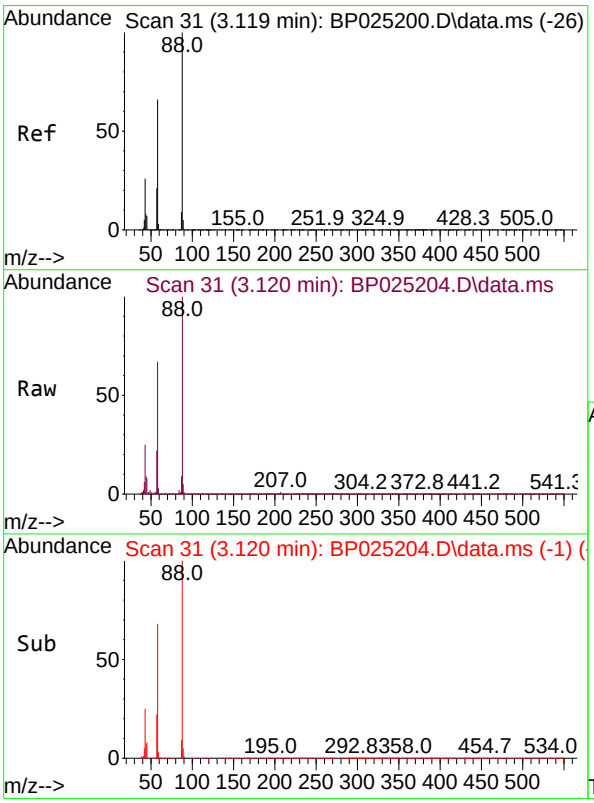

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:152 Resp: 524940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.3 | 121.9 | 182.9 |
| 115 | 54.5 | 43.0 | 64.6 |

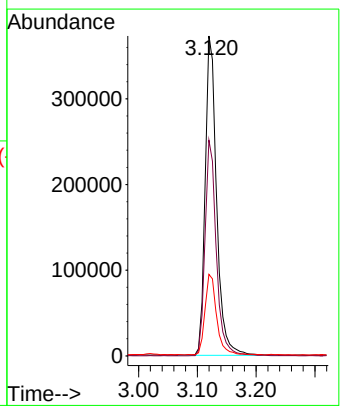


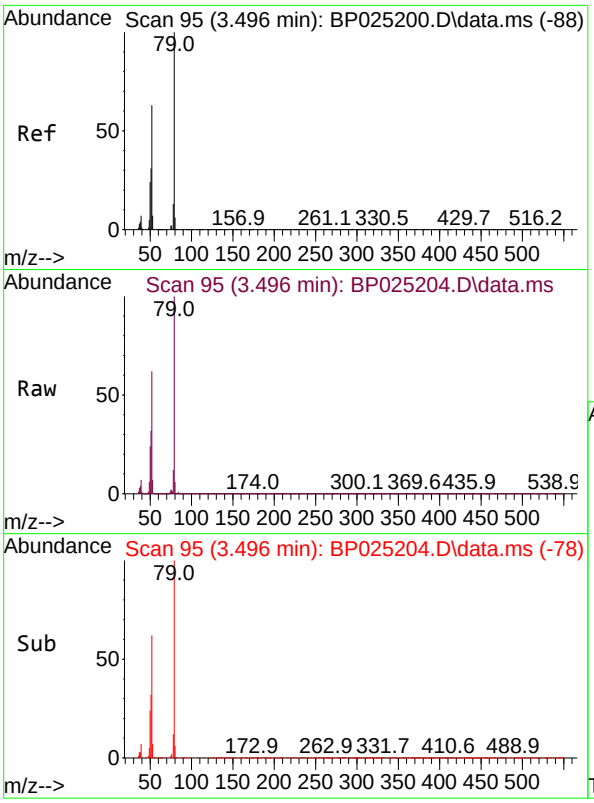




#2
1,4-Dioxane
Concen: 43.294 ng
RT: 3.120 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 88 Resp: 504115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.9 | 53.5 | 80.3 |
| 43 | 26.0 | 20.8 | 31.2 |



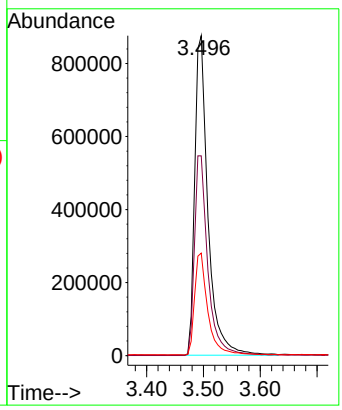


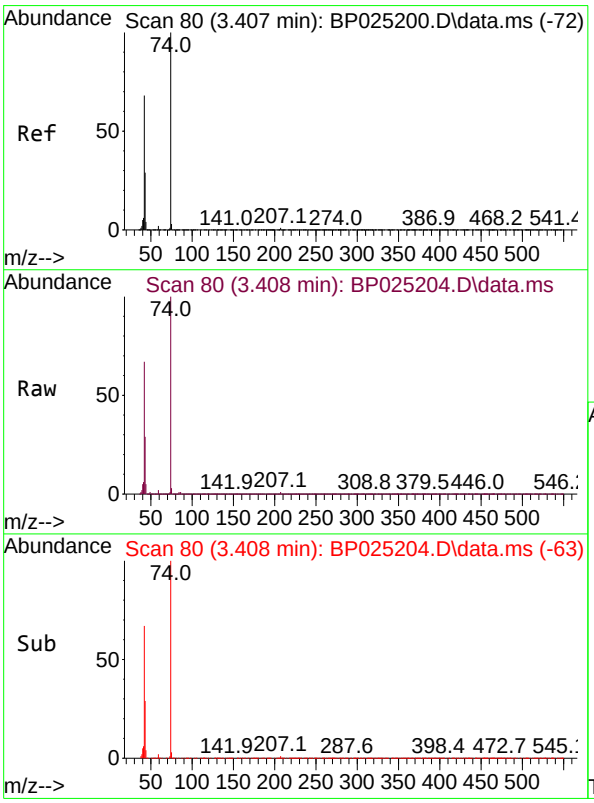

#3
Pyridine
Concen: 45.312 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 79 Resp: 1412341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.4 | 50.2 | 75.4 |
| 51 | 32.0 | 25.0 | 37.4 |

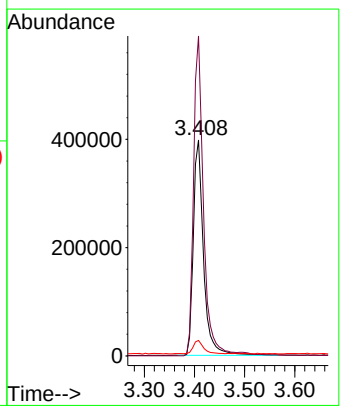


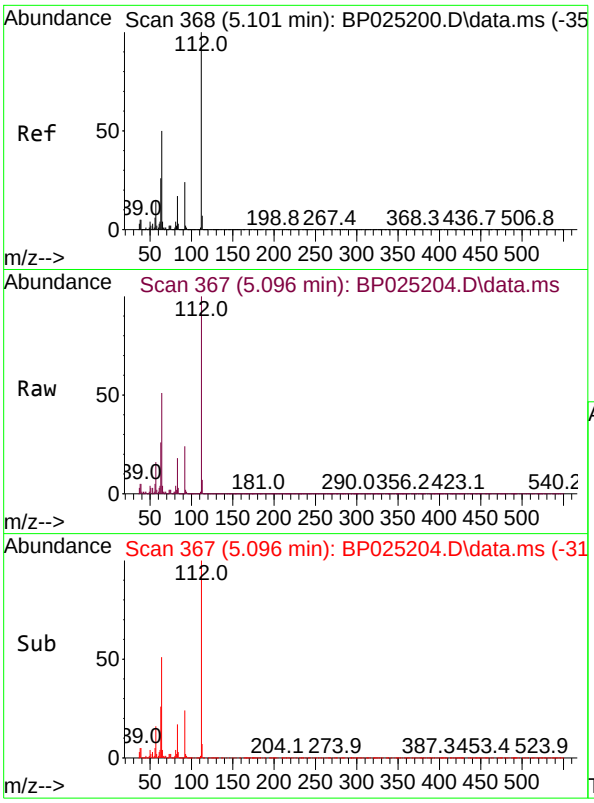




#4
n-Nitrosodimethylamine
Concen: 45.271 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 42 Resp: 559588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 148.2 | 118.0 | 177.0 |
| 44 | 7.1 | 5.5 | 8.3 |



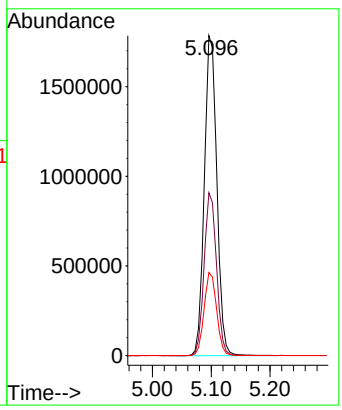


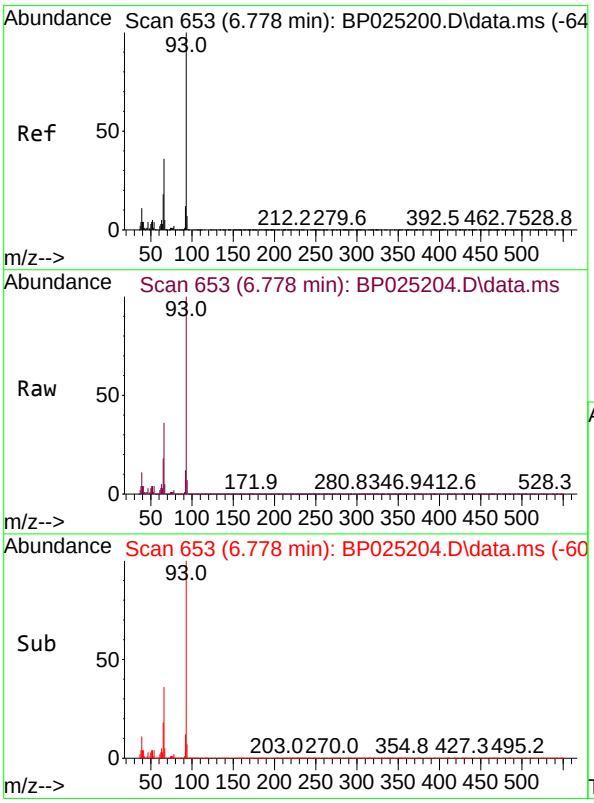

#5
2-Fluorophenol
Concen: 84.913 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:112 Resp: 2638101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.9 | 39.8 | 59.6 |
| 63 | 26.0 | 20.5 | 30.7 |

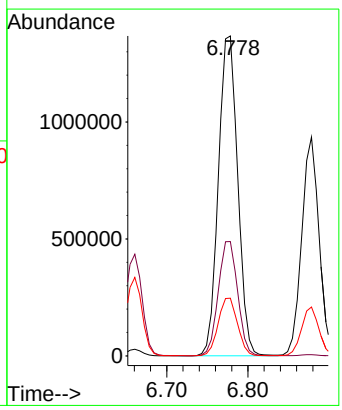


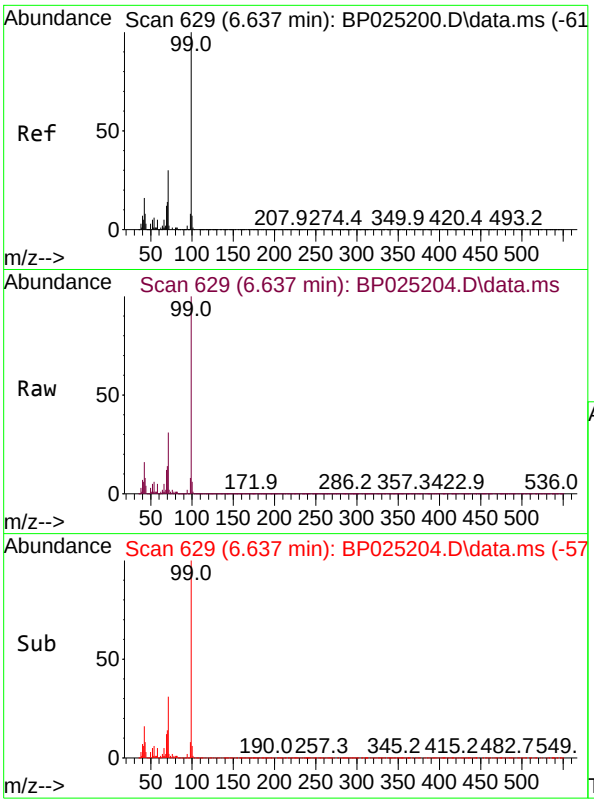




#6
Aniline
Concen: 44.906 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 2258683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.0 | 14.6 | 21.8 |



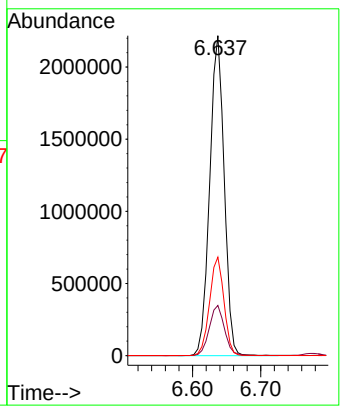


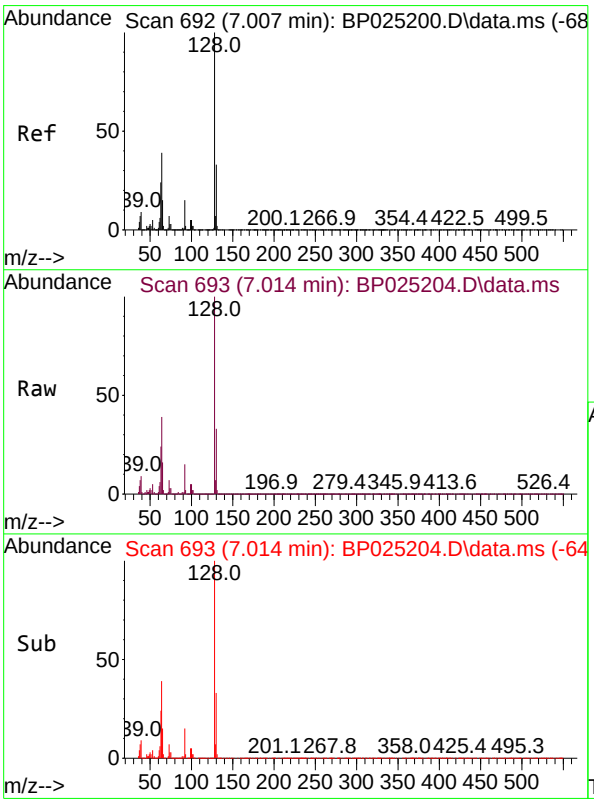

#7
Phenol-d6
Concen: 84.951 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 99 Resp: 3268850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.8 | 24.2 | 36.2 |

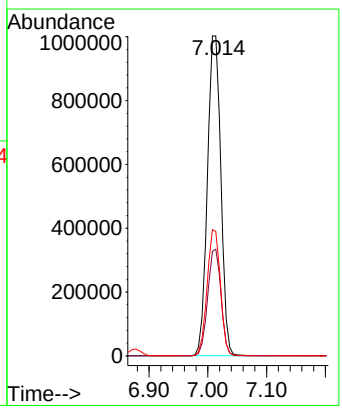


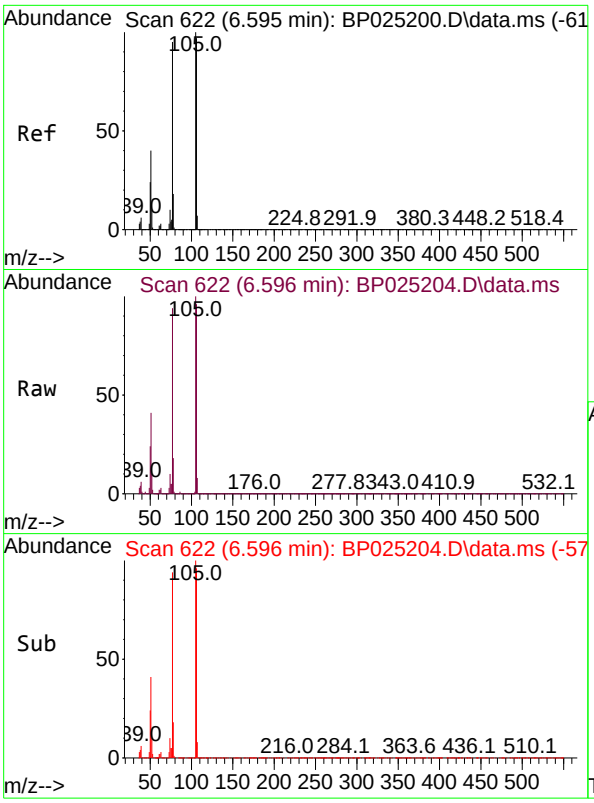




#8
2-Chlorophenol
Concen: 45.173 ng
RT: 7.014 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:128 Resp: 1592397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 12.9 | 52.9 |
| 64 | 38.9 | 19.2 | 59.2 |



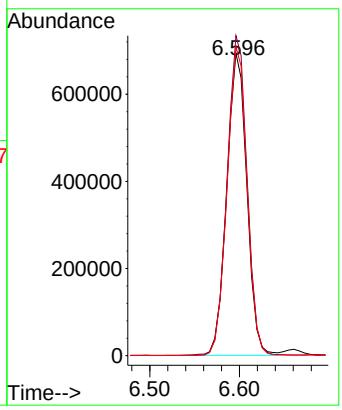


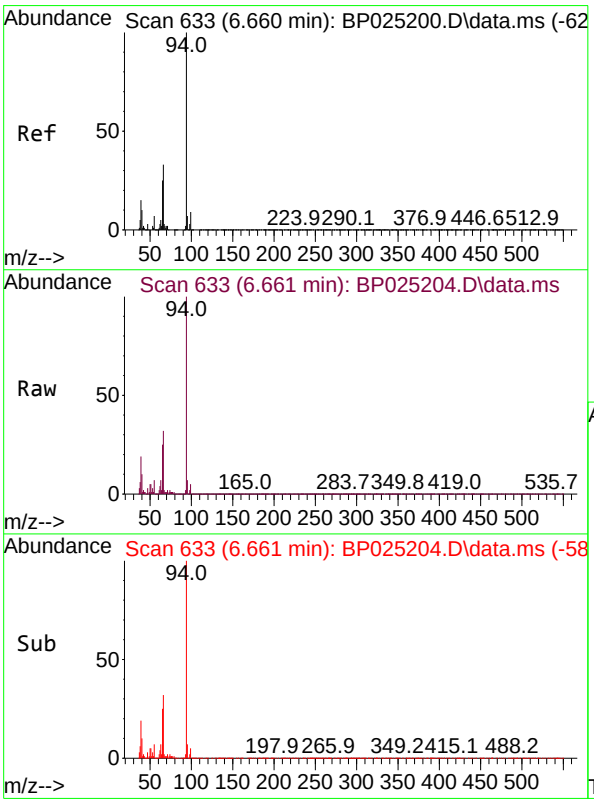

#9
Benzaldehyde
Concen: 41.579 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 77 Resp: 1084774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.8 | 85.5 | 125.5 |
| 106 | 102.1 | 81.9 | 121.9 |

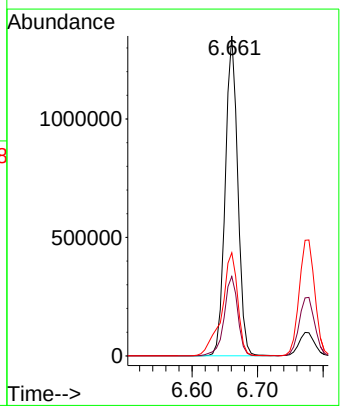


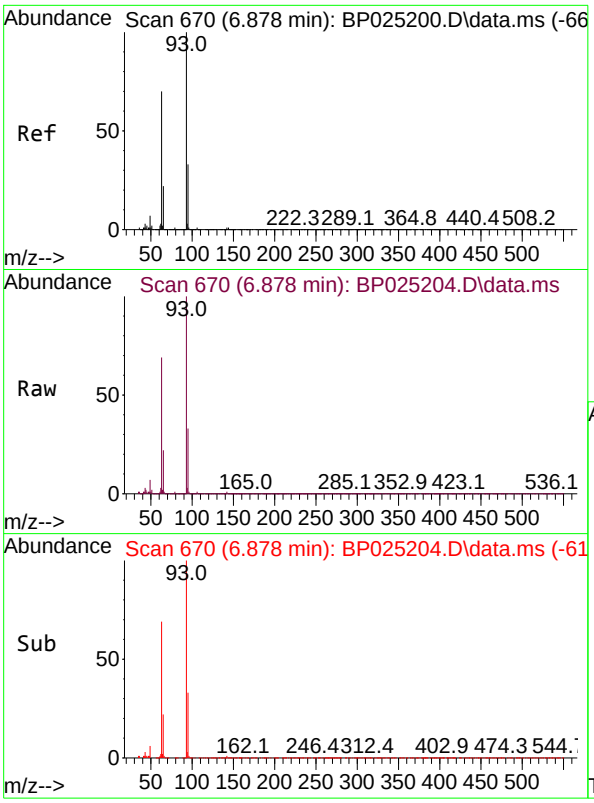




#10
Phenol
Concen: 44.894 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 94 Resp: 1791500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.8 | 5.4 | 45.4 |
| 66 | 32.2 | 13.5 | 53.5 |



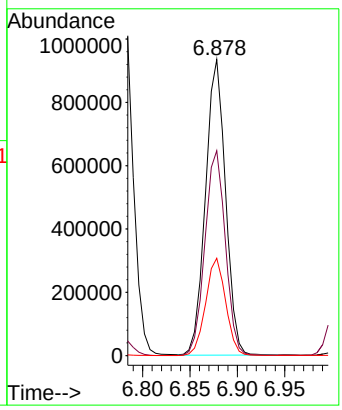


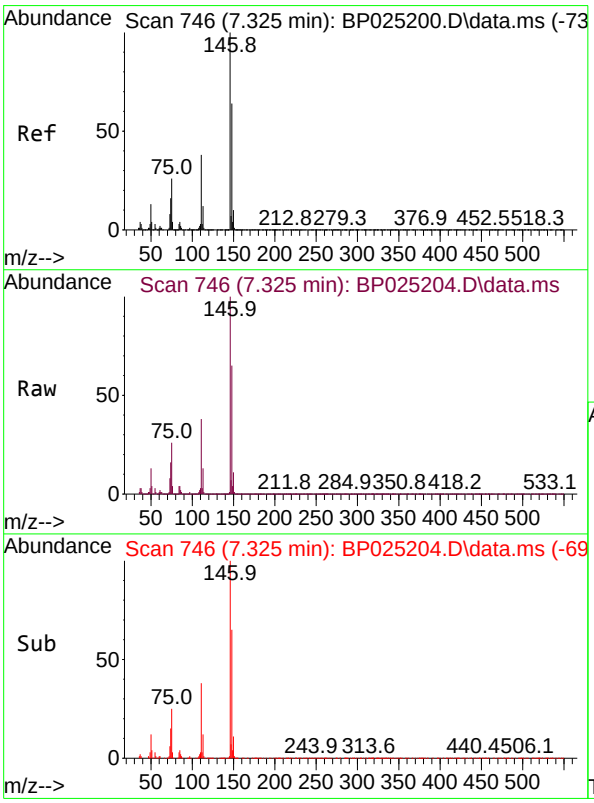

#11
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 93 Resp: 1378085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.2 | 50.0 | 90.0 |
| 95 | 32.9 | 12.9 | 52.9 |

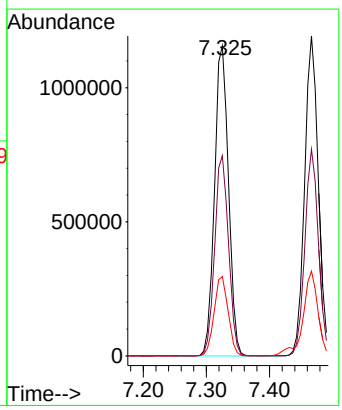


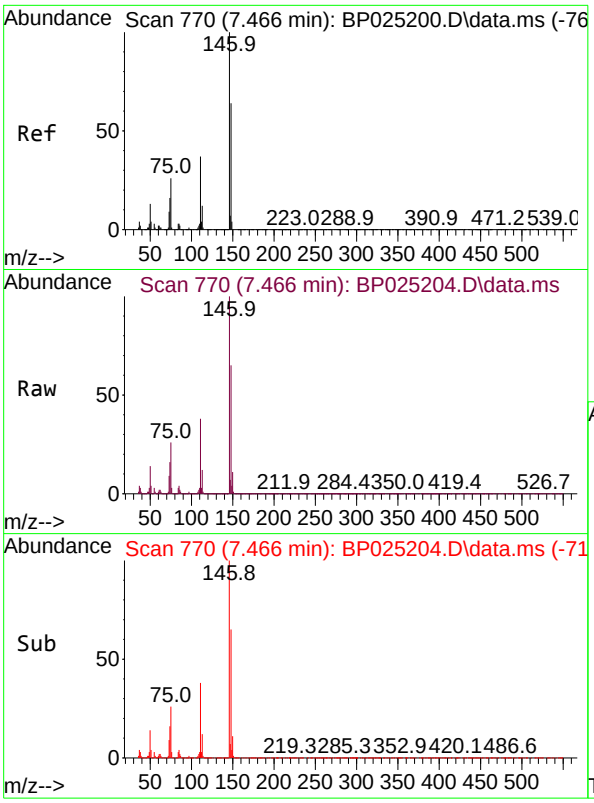




#12
1,3-Dichlorobenzene
Concen: 44.791 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1775571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.0 |
| 75 | 25.6 | 20.6 | 31.0 |



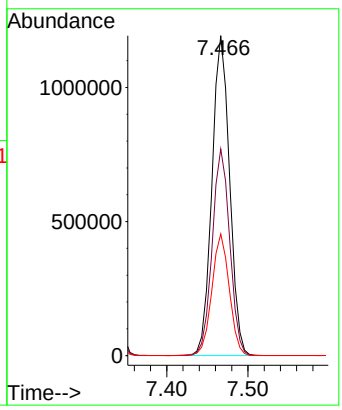


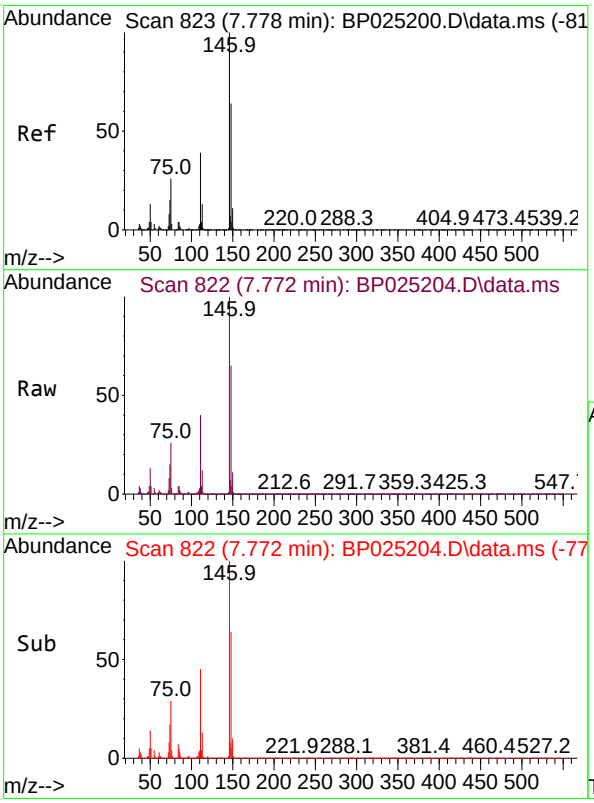

#13
1,4-Dichlorobenzene
Concen: 44.972 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:146 Resp: 1799506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.4 | 77.2 |
| 111 | 38.0 | 29.9 | 44.9 |

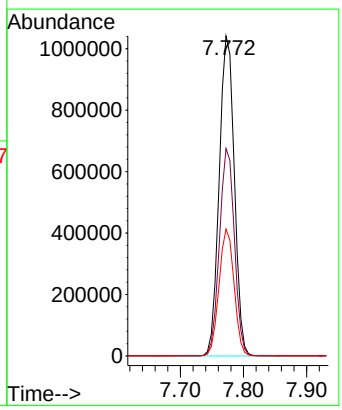


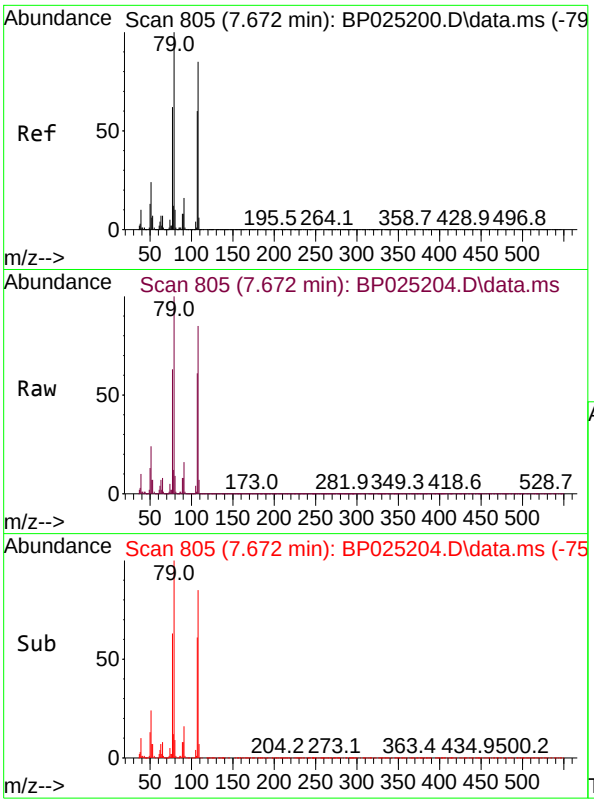




#14
1,2-Dichlorobenzene
Concen: 45.020 ng
RT: 7.772 min Scan# 822
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:146 Resp: 1732981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.5 | 77.3 |
| 111 | 39.6 | 31.3 | 46.9 |



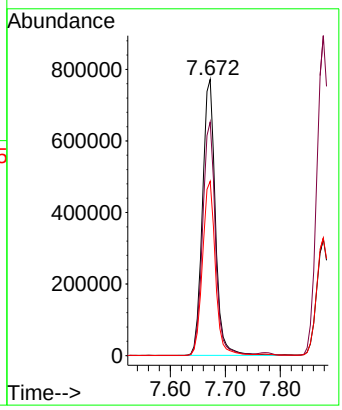


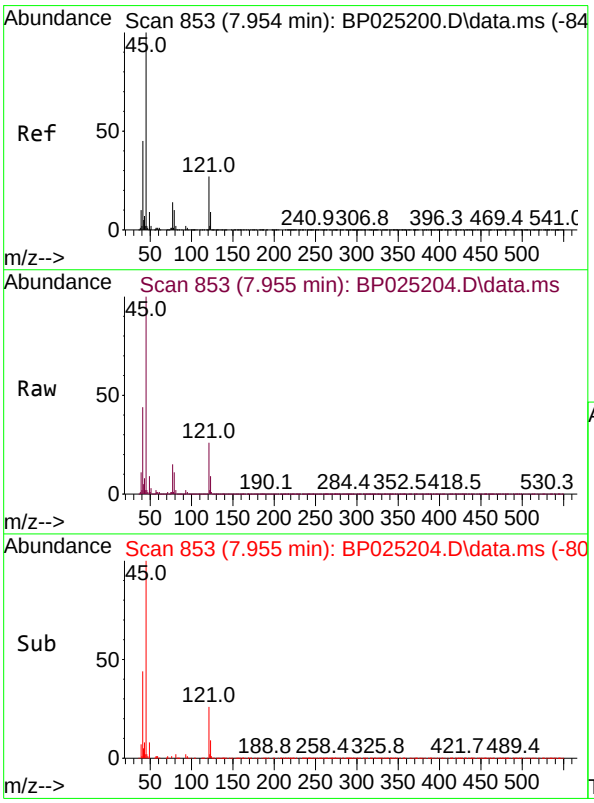

#15
Benzyl Alcohol
Concen: 45.260 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 79 Resp: 1256245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.6 | 67.8 | 101.6 |
| 77 | 63.1 | 49.9 | 74.9 |

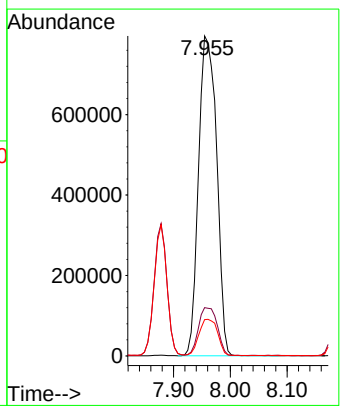


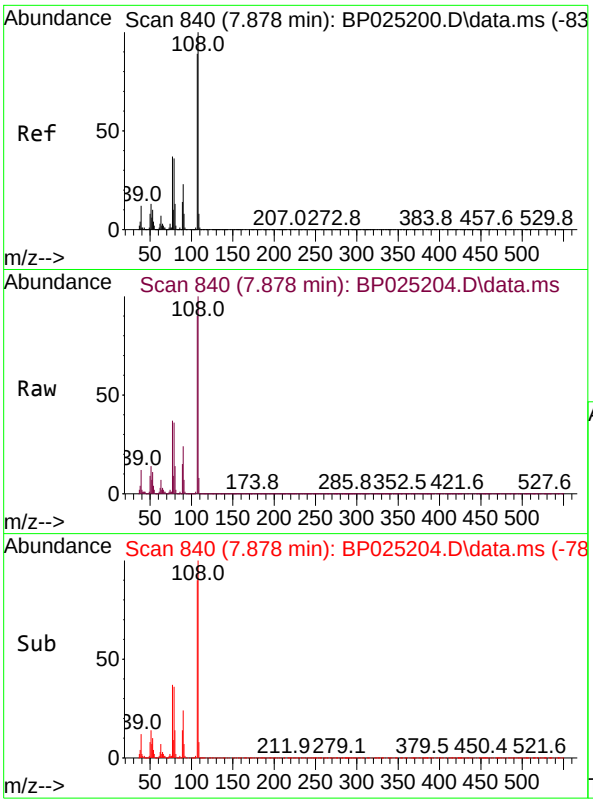




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 45 Resp: 1759704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.1 | 0.0 | 36.0 |
| 79 | 11.3 | 0.0 | 31.7 |



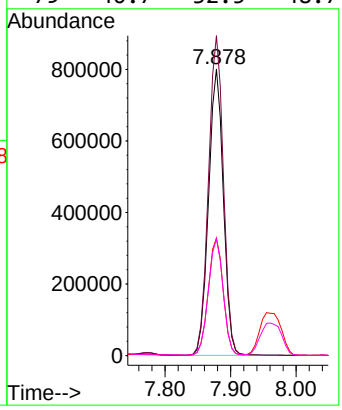


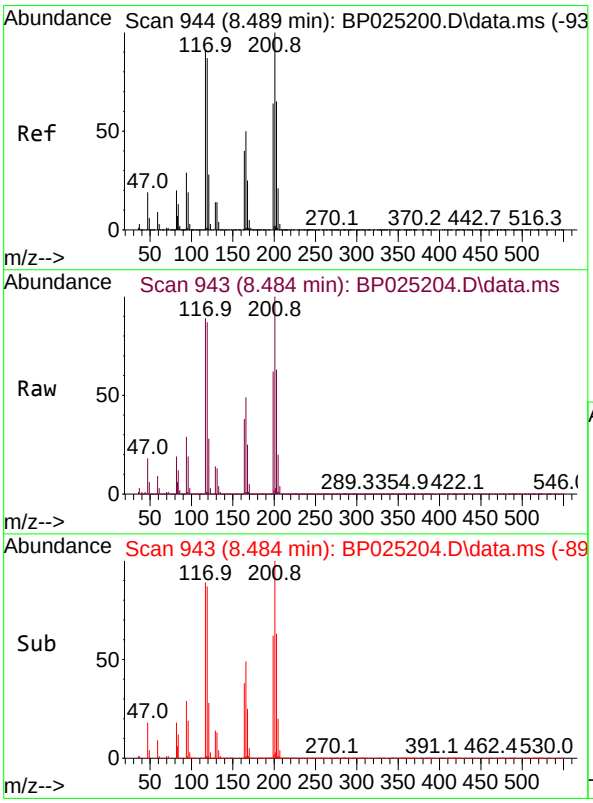

#17
2-Methylphenol
Concen: 45.385 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:107 Resp: 1255605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.6 | 89.8 | 134.8 |
| 77 | 41.0 | 33.2 | 49.8 |
| 79 | 40.7 | 32.5 | 48.7 |

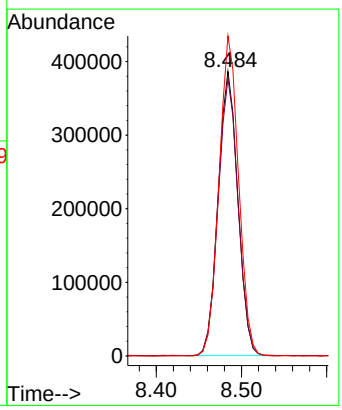


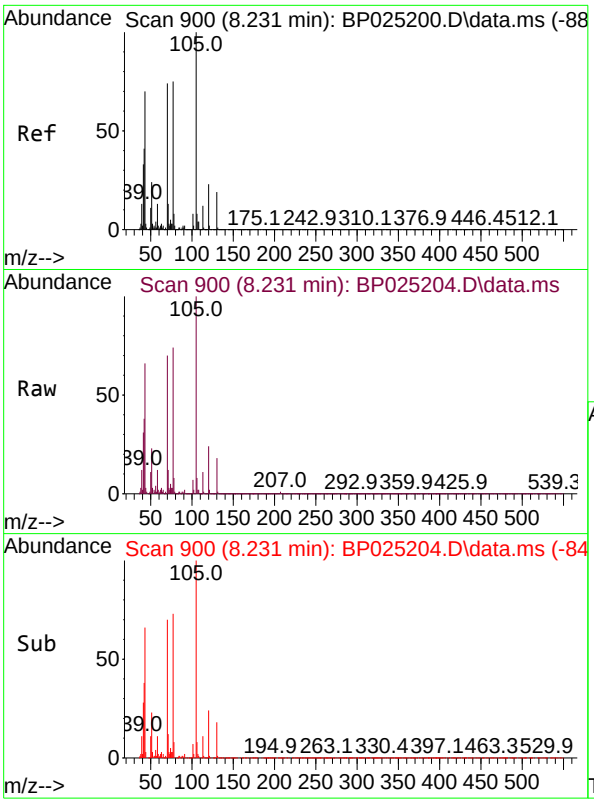




#18
Hexachloroethane
Concen: 45.213 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:117 Resp: 622156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.5 | 77.0 | 115.6 |
| 201 | 112.5 | 88.3 | 132.5 |



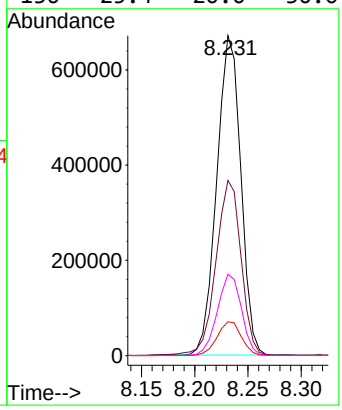


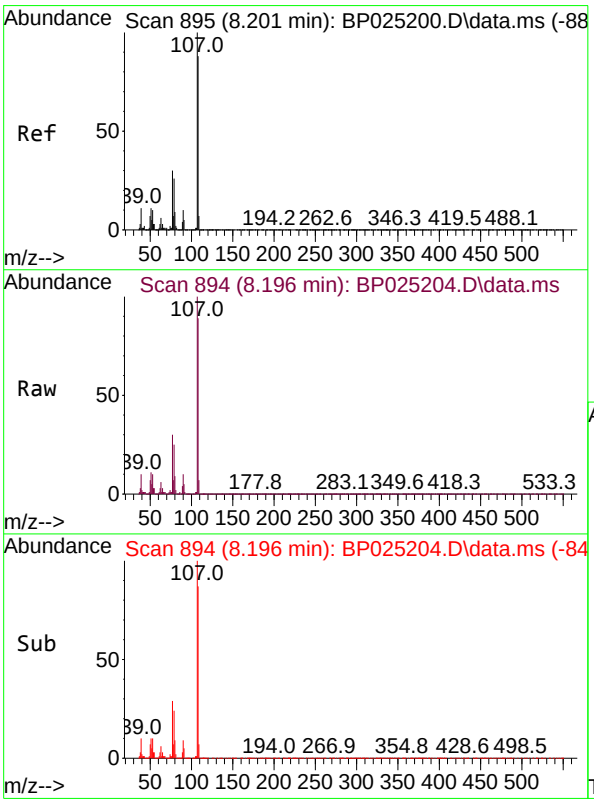

#19
n-Nitroso-di-n-propylamine
Concen: 45.622 ng
RT: 8.231 min Scan# 90
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 70 Resp: 1056083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.7 | 44.2 | 66.2 |
| 101 | 10.6 | 8.6 | 12.8 |
| 130 | 25.4 | 20.0 | 30.0 |

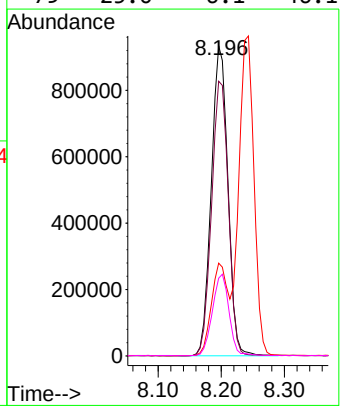


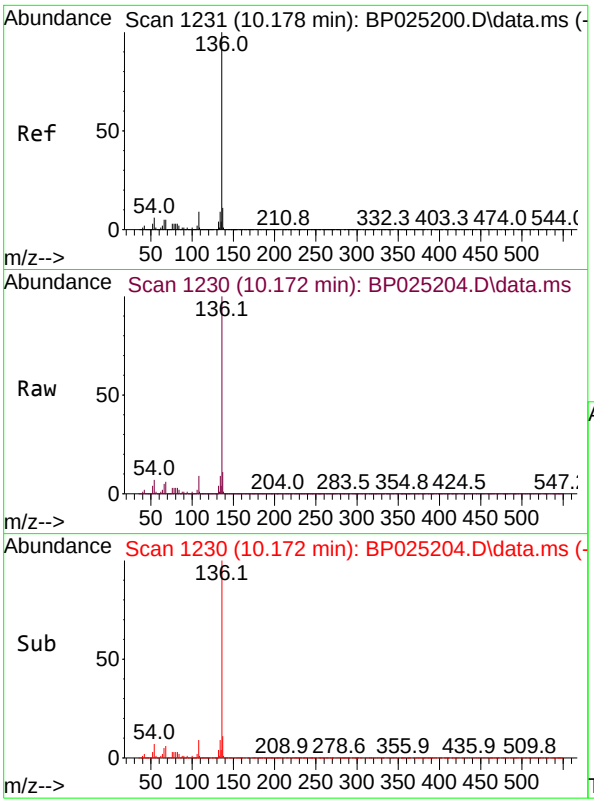




#20
3+4-Methylphenols
Concen: 45.254 ng
RT: 8.196 min Scan# 894
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1707787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.6 | 67.8 | 107.8 |
| 77 | 29.9 | 10.3 | 50.3 |
| 79 | 25.0 | 6.1 | 46.1 |



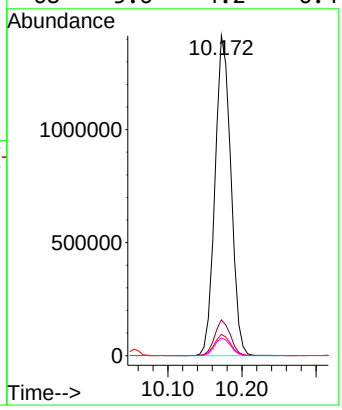


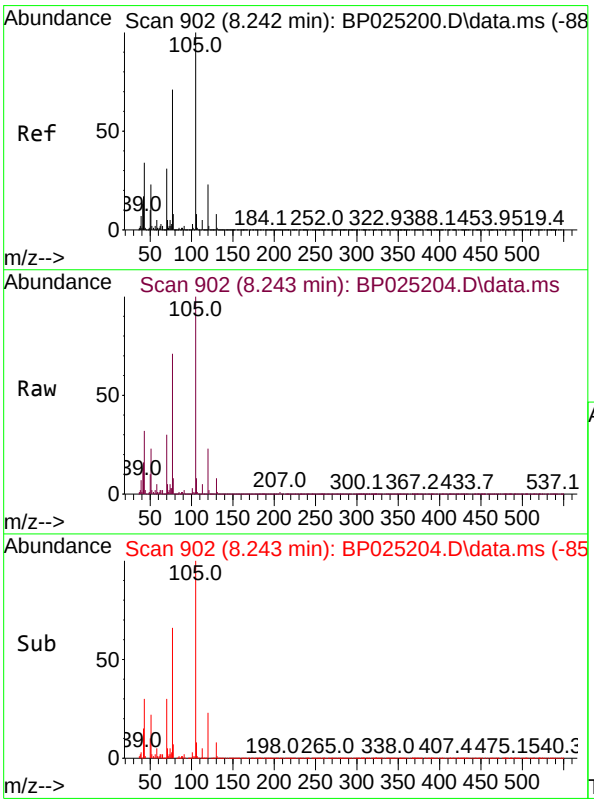

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:136 Resp: 2104576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |

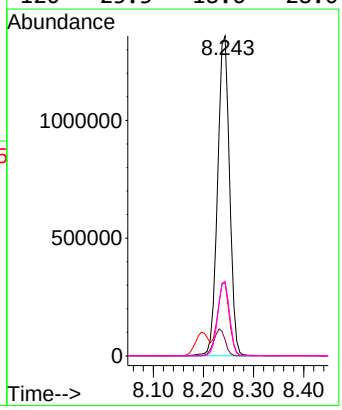


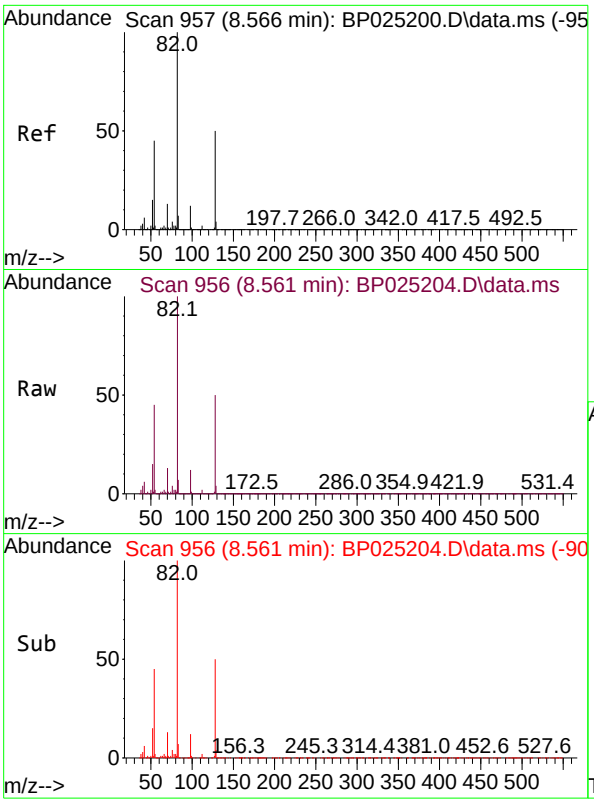




#22
Acetophenone
Concen: 46.041 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:105 Resp: 2254711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.1 | 4.1 | 6.1 |
| 51 | 22.8 | 18.5 | 27.7 |
| 120 | 23.3 | 18.6 | 28.0 |



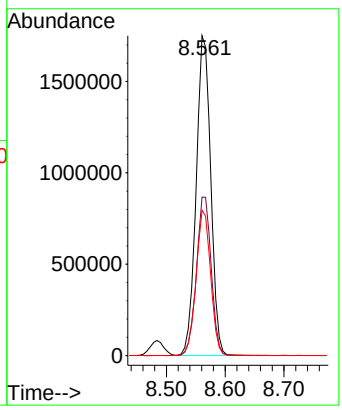


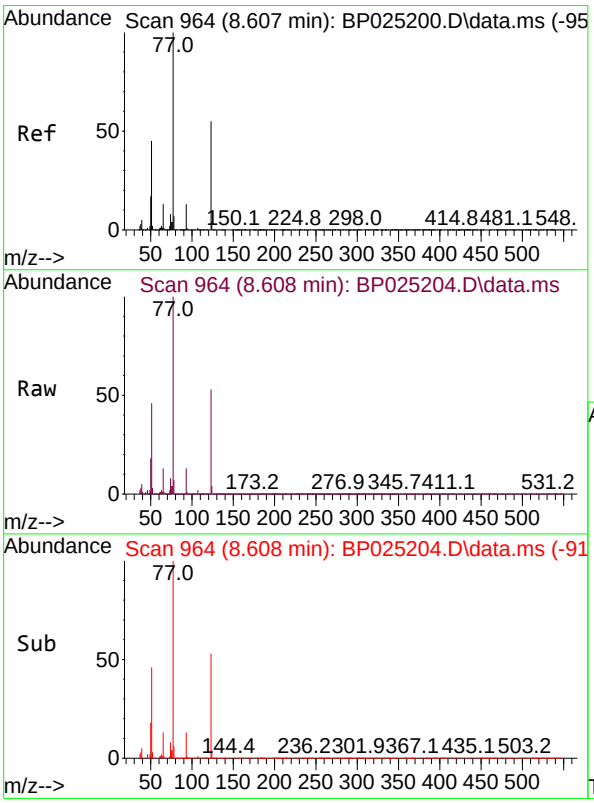

#23
Nitrobenzene-d5
Concen: 79.573 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 82 Resp: 3013470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 40.2 | 60.4 |
| 54 | 45.4 | 36.3 | 54.5 |

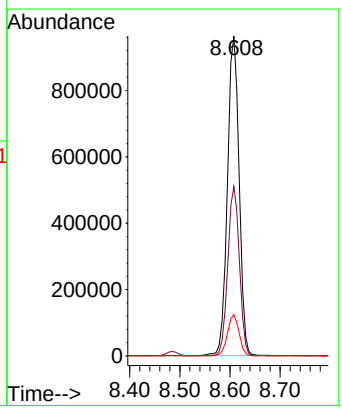


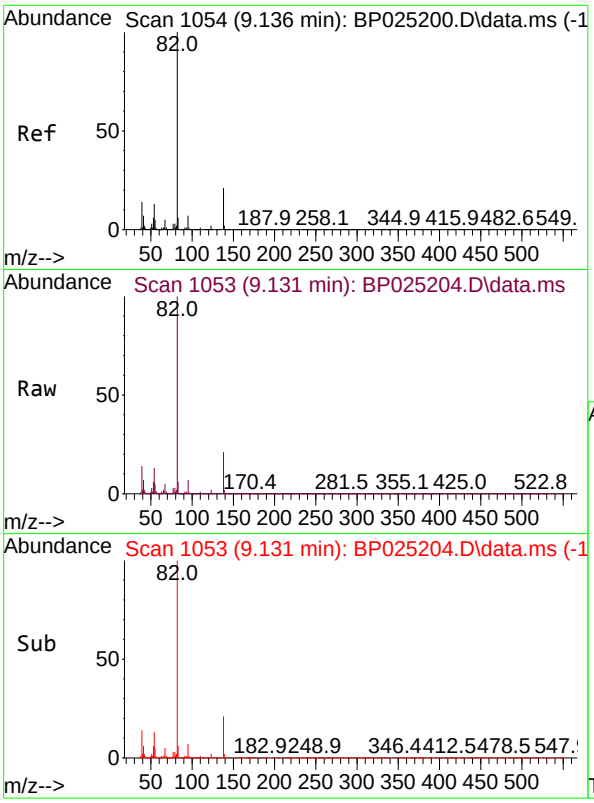




#24
Nitrobenzene
Concen: 46.187 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 77 Resp: 1559201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.9 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |



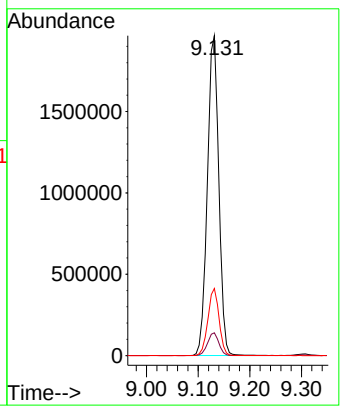


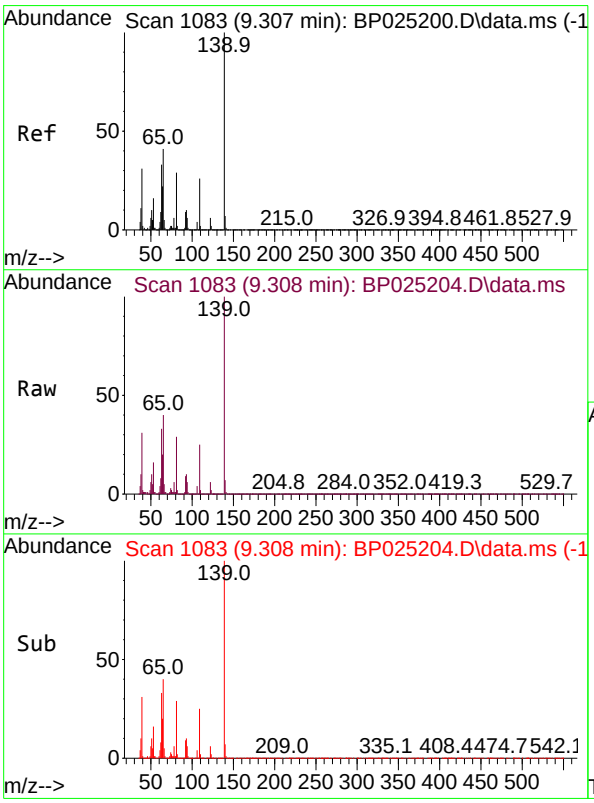

#25
Isophorone
Concen: 45.319 ng
RT: 9.131 min Scan# 10
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 82 Resp: 3018090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 21.0 | 16.6 | 25.0 |

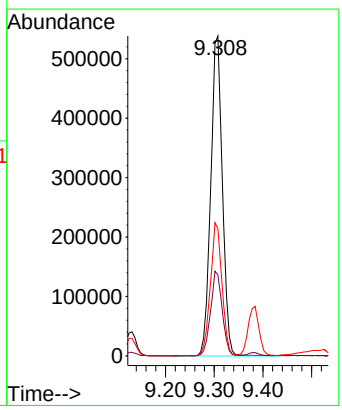


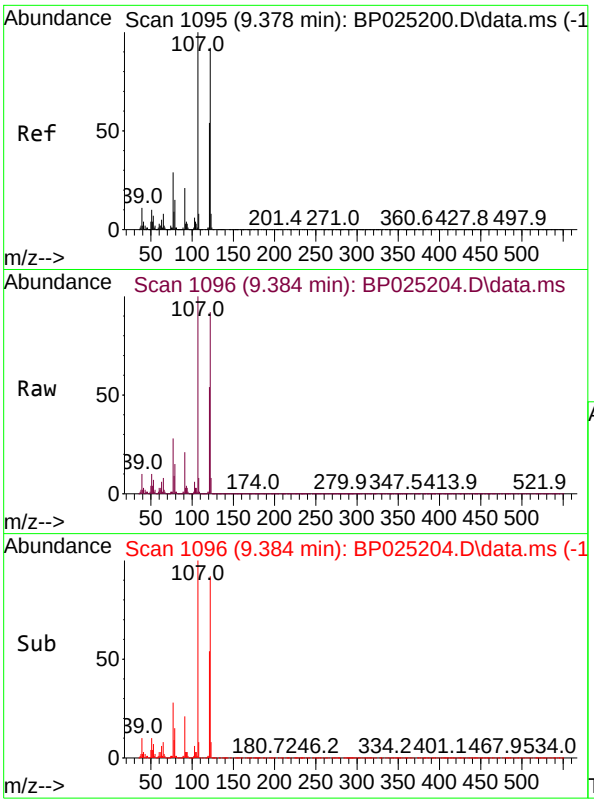




#26
2-Nitrophenol
Concen: 46.272 ng
RT: 9.308 min Scan# 1083
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 897017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.3 | 21.0 | 31.6 |
| 65 | 39.8 | 32.7 | 49.1 |



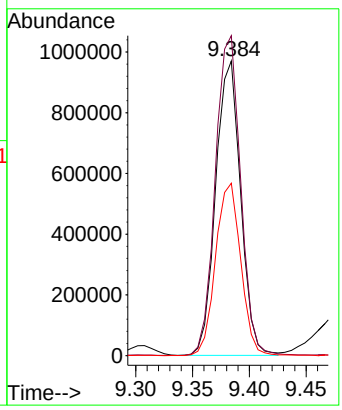


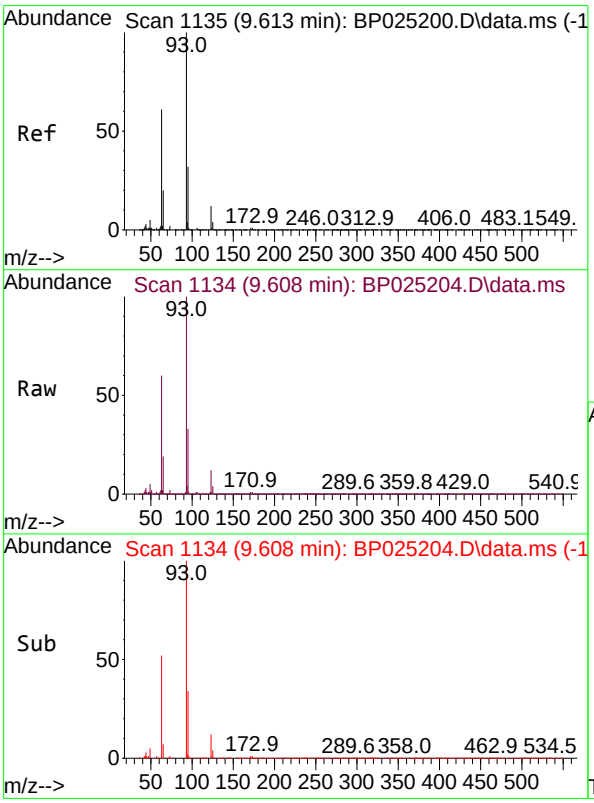

#27
2,4-Dimethylphenol
Concen: 45.737 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:122 Resp: 1483657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.6 | 87.0 | 130.4 |
| 121 | 58.5 | 46.7 | 70.1 |

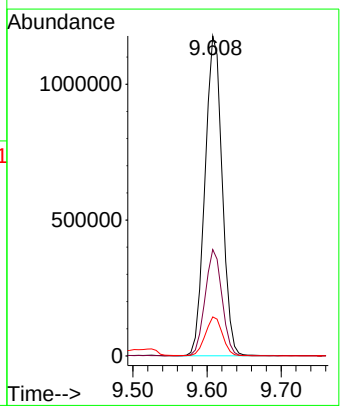


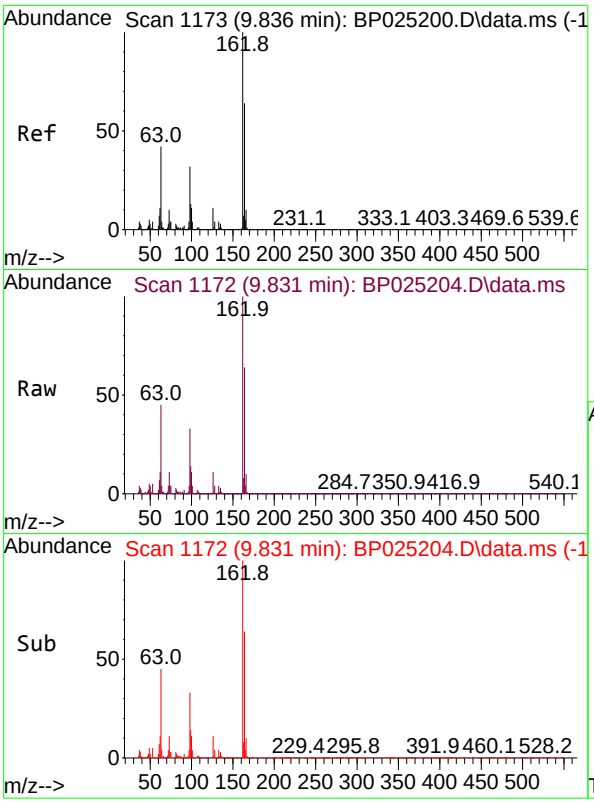




#28
bis(2-Chloroethoxy)methane
Concen: 45.503 ng
RT: 9.608 min Scan# 1134
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 93 Resp: 1895452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |



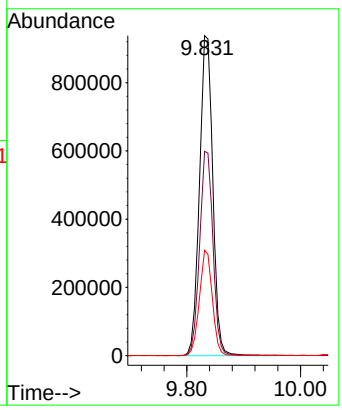


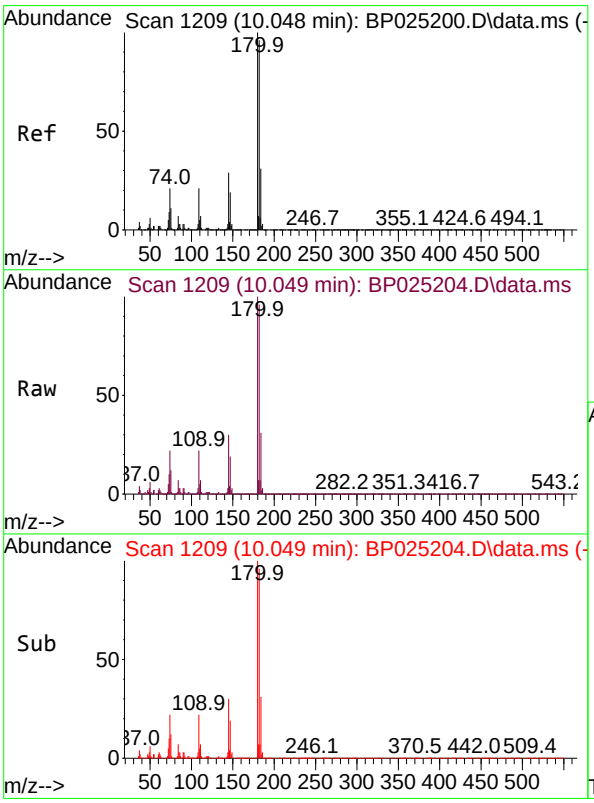

#29
2,4-Dichlorophenol
Concen: 45.622 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:162 Resp: 1520412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 44.2 | 84.2 |
| 98 | 32.9 | 11.7 | 51.7 |

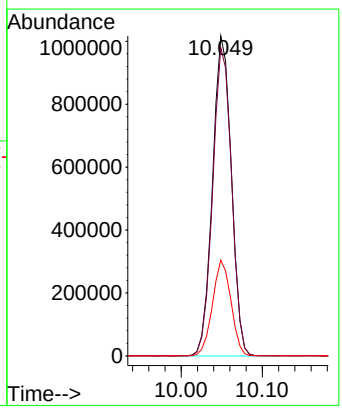


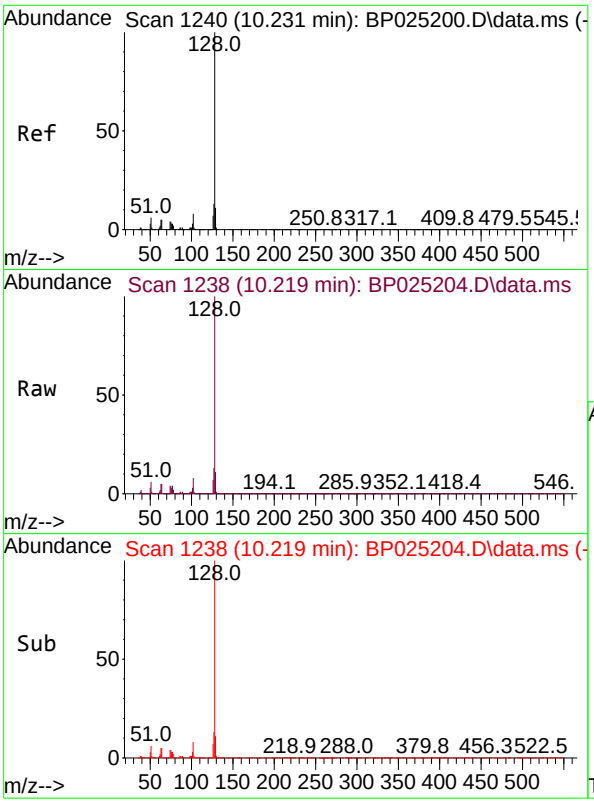




#30
1,2,4-Trichlorobenzene
Concen: 44.986 ng
RT: 10.049 min Scan# 1209
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:180 Resp: 1637469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 76.7 | 115.1 |
| 145 | 29.9 | 23.5 | 35.3 |



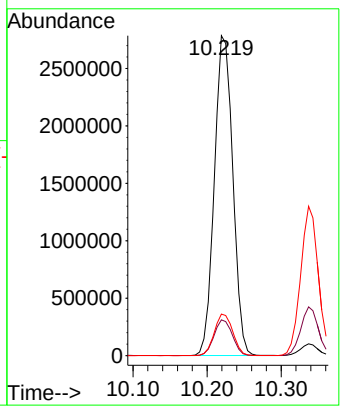


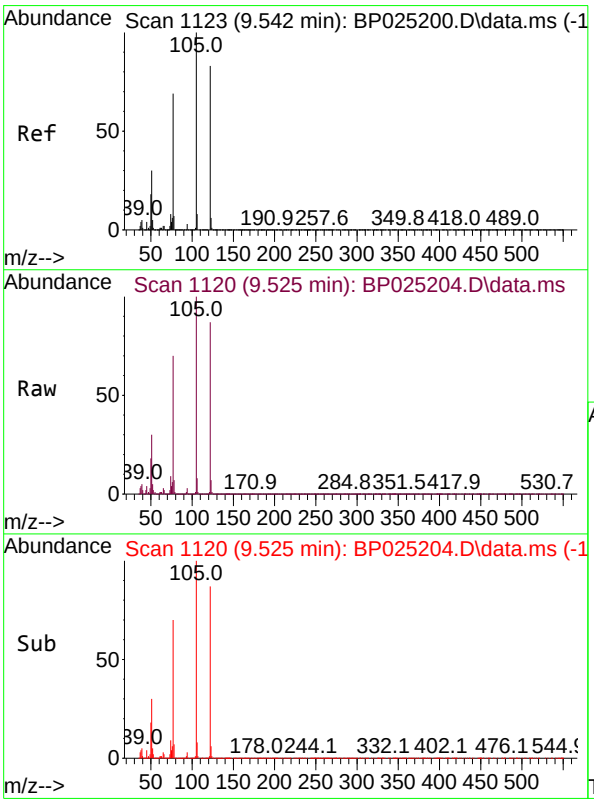

#31
Naphthalene
Concen: 44.759 ng
RT: 10.219 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:128 Resp: 4820314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.0 | 10.4 | 15.6 |

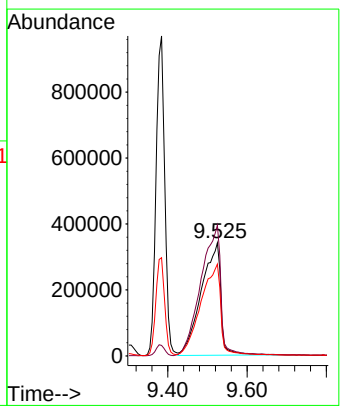


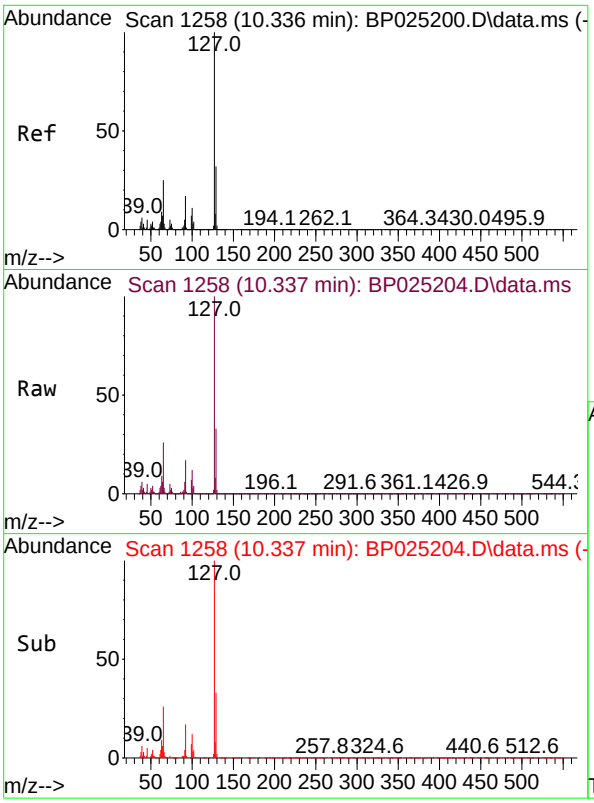




#32
Benzoic acid
Concen: 47.203 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.017 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:122 Resp: 1168950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.6 | 98.1 | 138.1 |
| 77 | 81.2 | 62.7 | 102.7 |



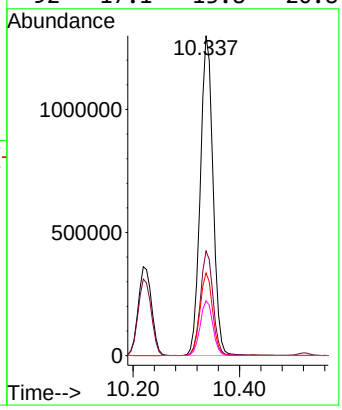


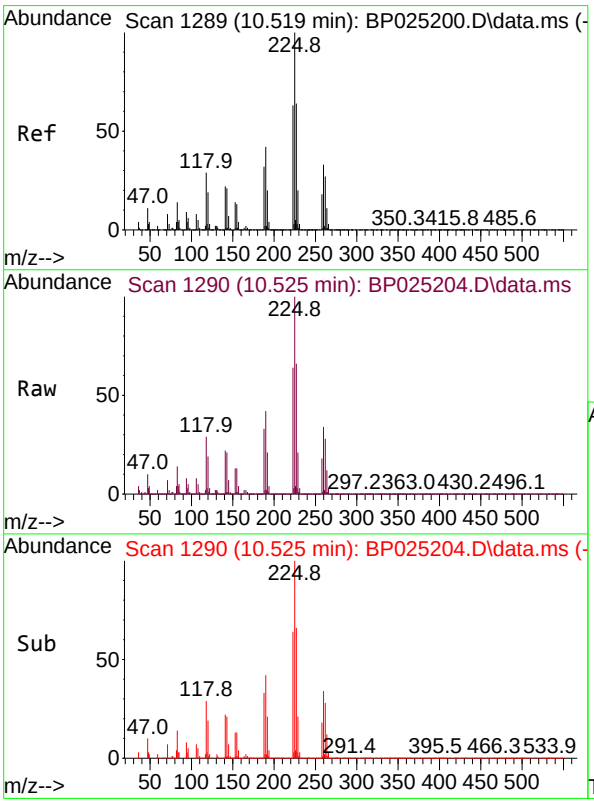

#33
4-Chloroaniline
Concen: 45.428 ng
RT: 10.337 min Scan# 11
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:127 Resp: 2150538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 25.9 | 38.9 |
| 65 | 25.8 | 20.2 | 30.4 |
| 92 | 17.1 | 13.8 | 20.8 |

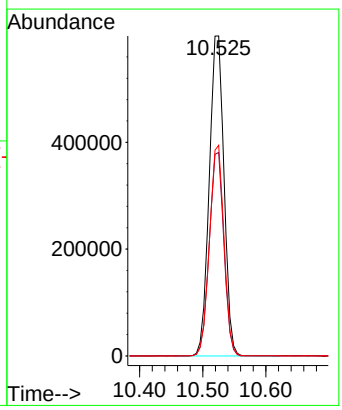


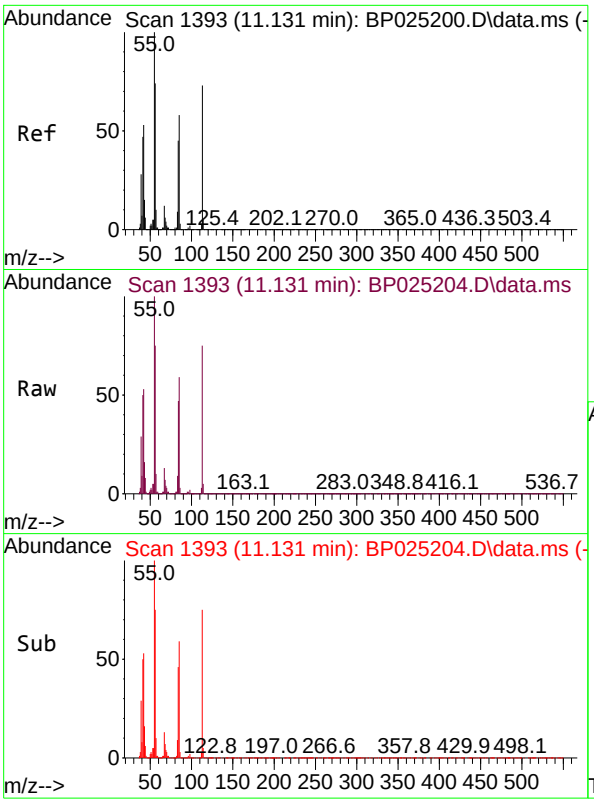




#34
Hexachlorobutadiene
Concen: 44.380 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:225 Resp: 972292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 50.1 | 75.1 |
| 227 | 65.8 | 51.4 | 77.0 |



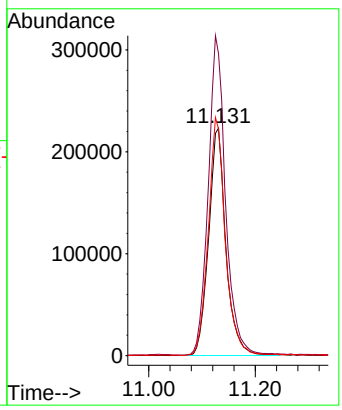


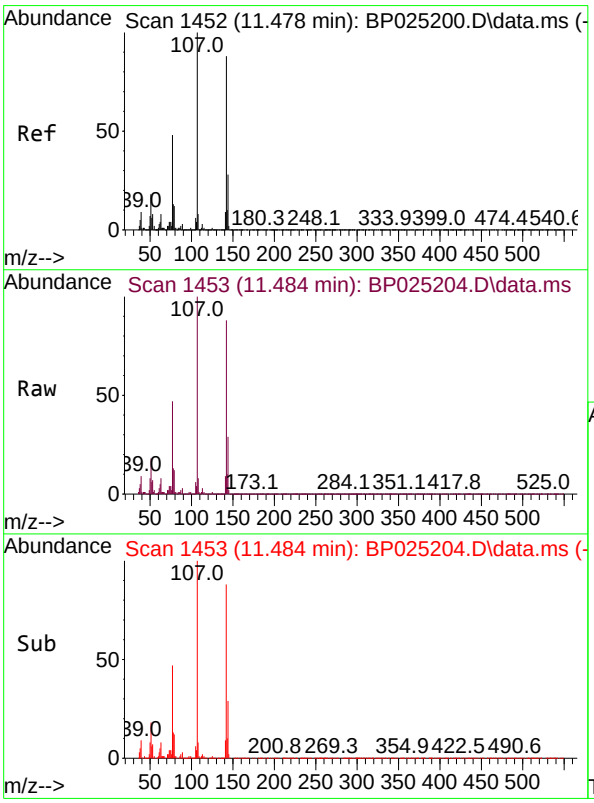

#35
Caprolactam
Concen: 45.393 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:113 Resp: 502072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 132.7 | 117.6 | 157.6 |
| 56 | 99.6 | 82.4 | 122.4 |

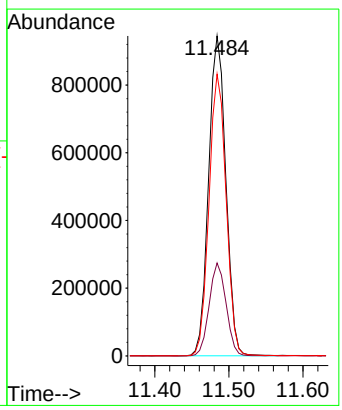


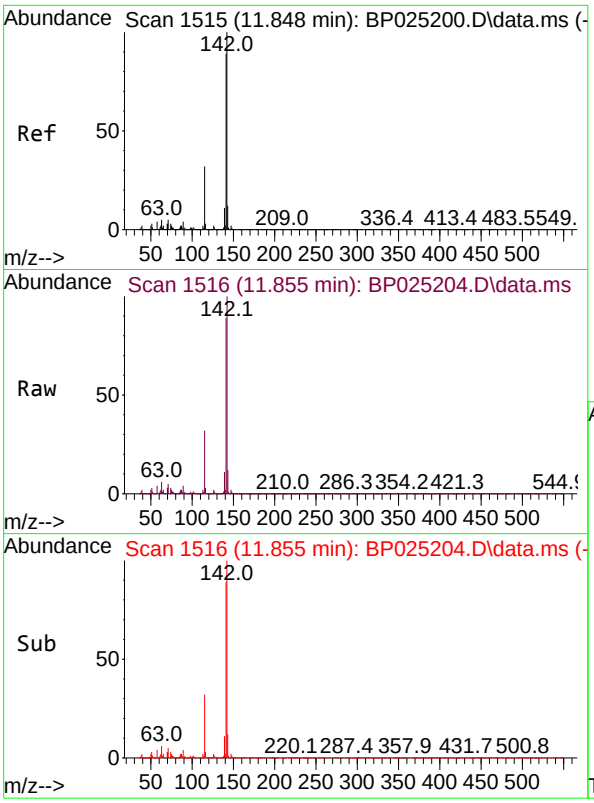




#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:107 Resp: 1529350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 22.5 | 33.7 |
| 142 | 88.0 | 70.6 | 105.8 |



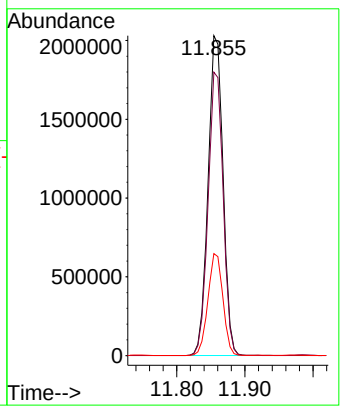


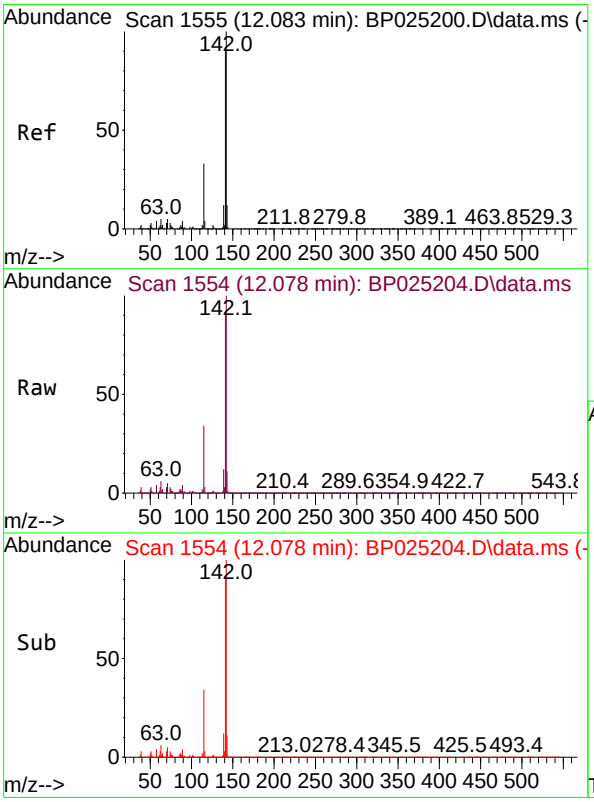

#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 11.855 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:142 Resp: 3102963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.2 | 106.8 |
| 115 | 31.9 | 25.3 | 37.9 |

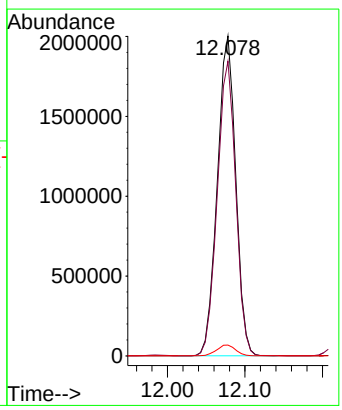


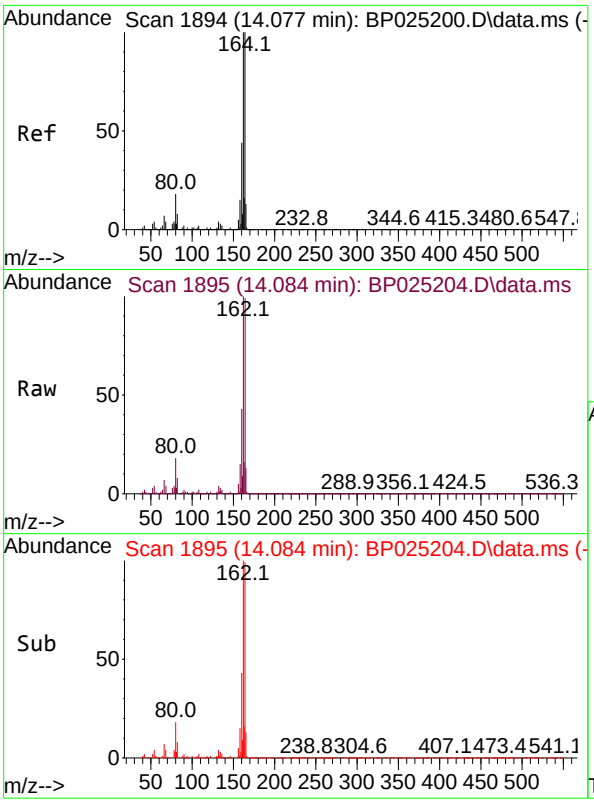




#38
1-Methylnaphthalene
Concen: 45.095 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:142 Resp: 3312609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.8 | 110.8 |
| 116 | 3.4 | 2.8 | 4.2 |



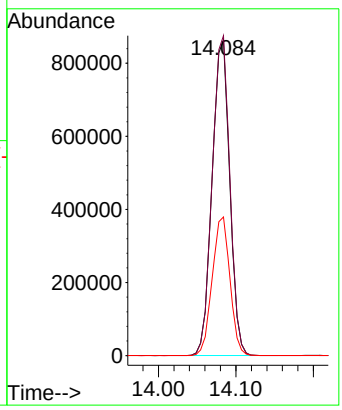


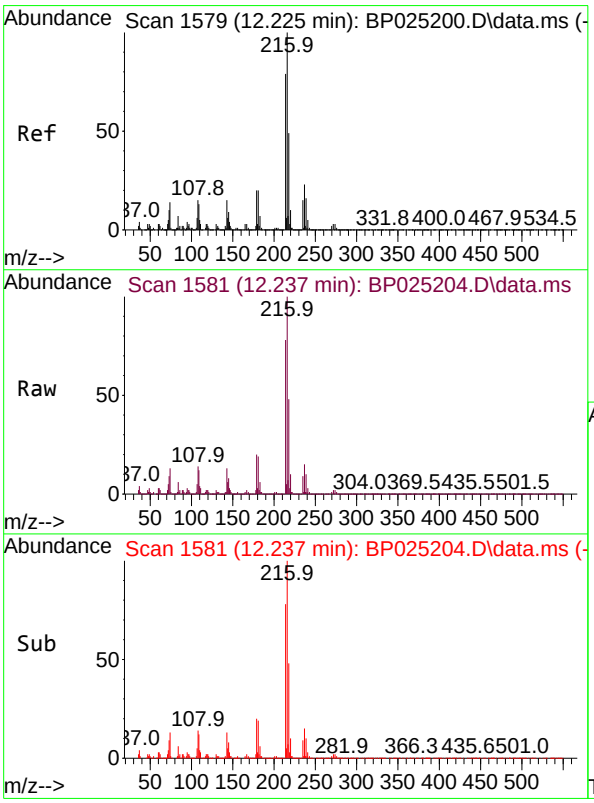

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:164 Resp: 1362526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 80.3 | 120.5 |
| 160 | 43.9 | 35.7 | 53.5 |

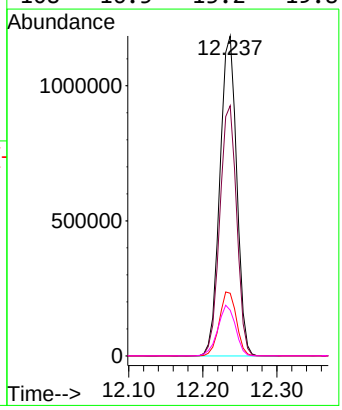


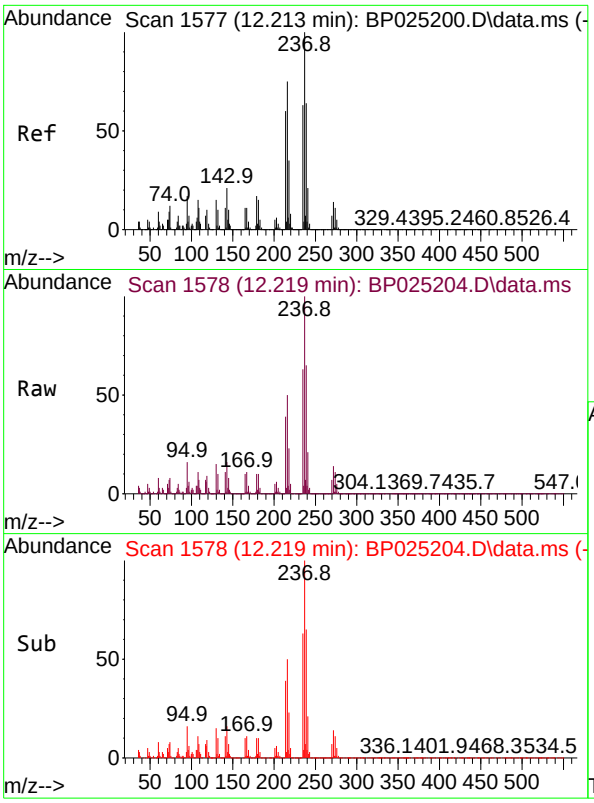




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.726 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:216 Resp: 1867529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 16.5 | 13.2 | 19.8 |



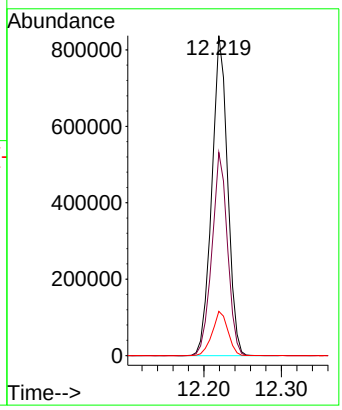


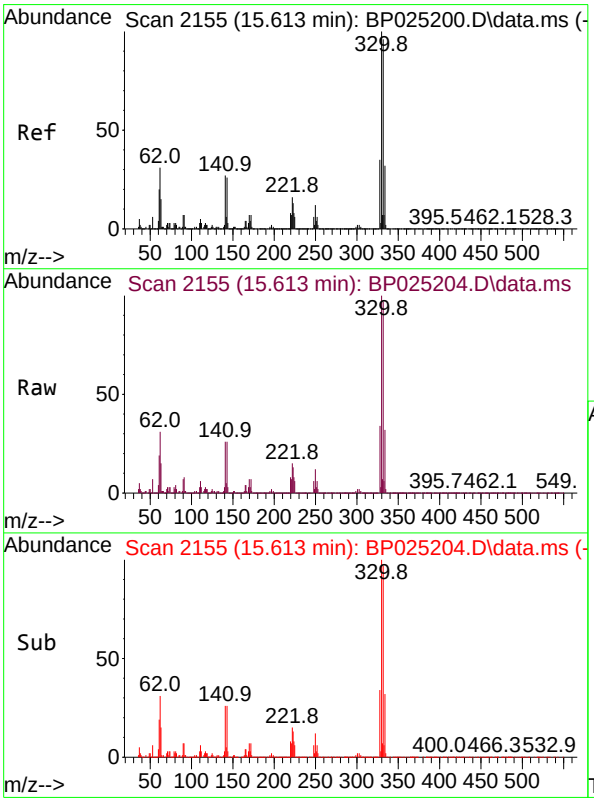

#41
Hexachlorocyclopentadiene
Concen: 48.517 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:237 Resp: 1182850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 42.7 | 82.7 |
| 272 | 13.8 | 0.0 | 33.6 |

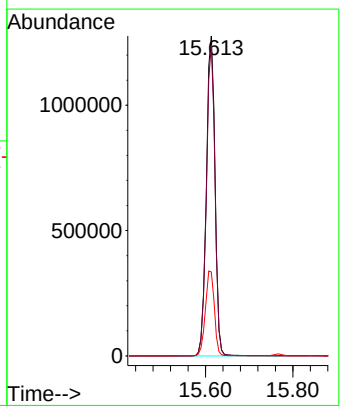


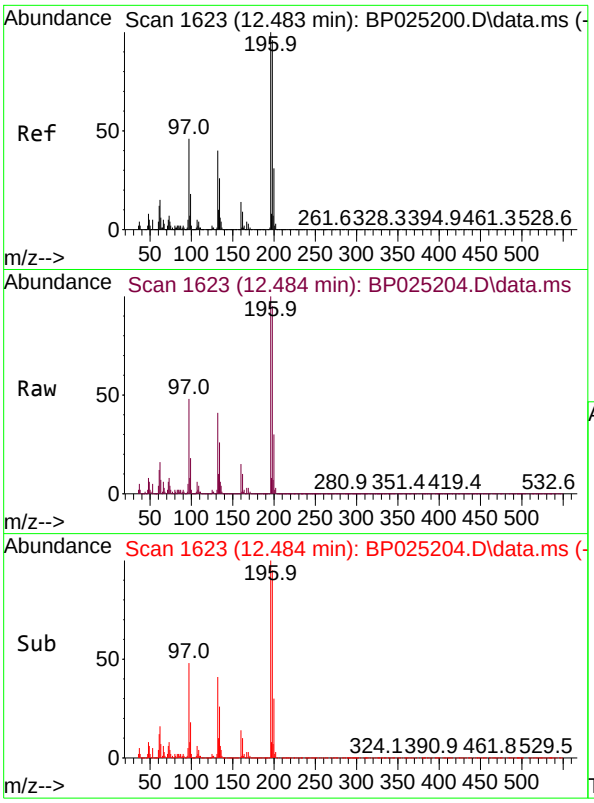




#42
2,4,6-Tribromophenol
Concen: 86.546 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:330 Resp: 1738413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 27.5 | 22.4 | 33.6 |



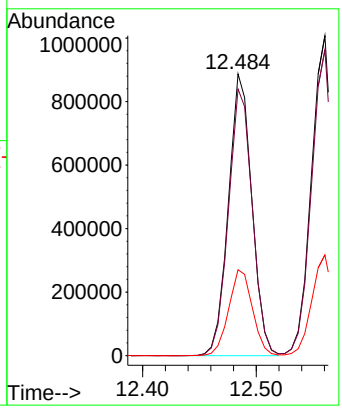


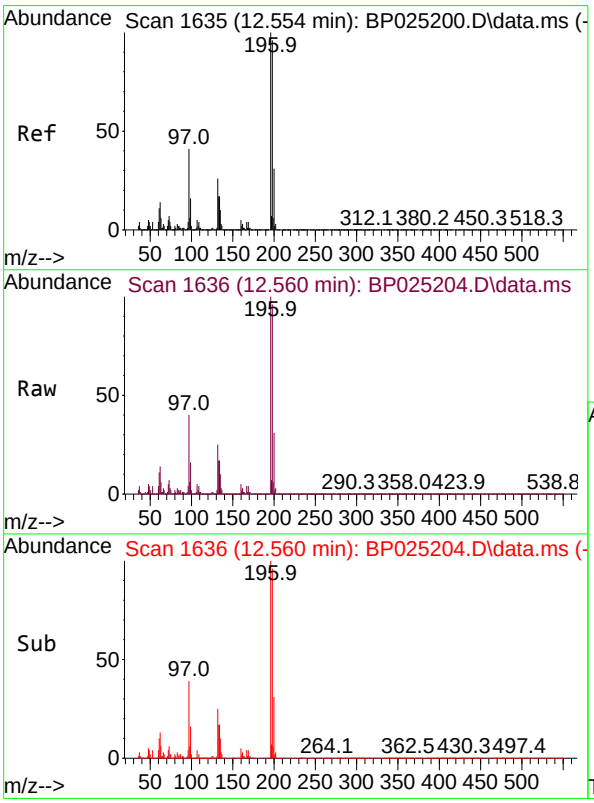

#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:196 Resp: 1271588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |

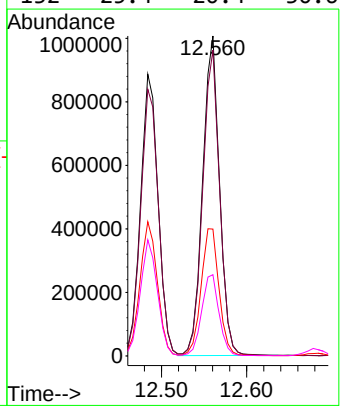


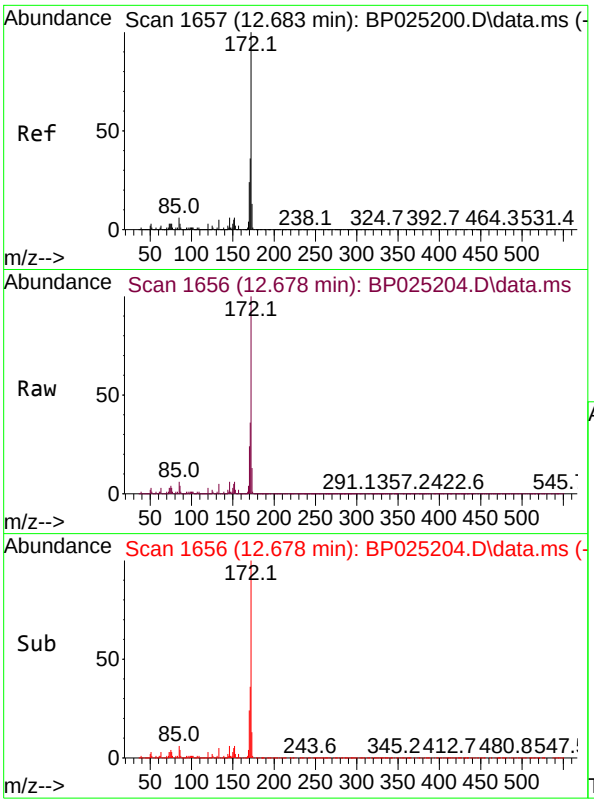




#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:196 Resp: 1384362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.7 | 115.1 |
| 97 | 39.6 | 33.0 | 49.4 |
| 132 | 25.4 | 20.4 | 30.6 |



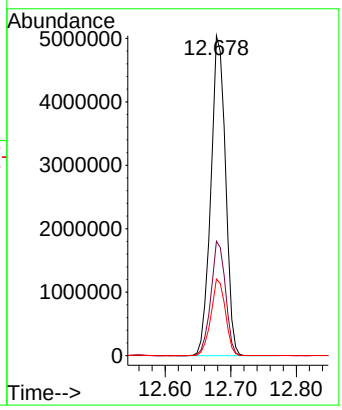


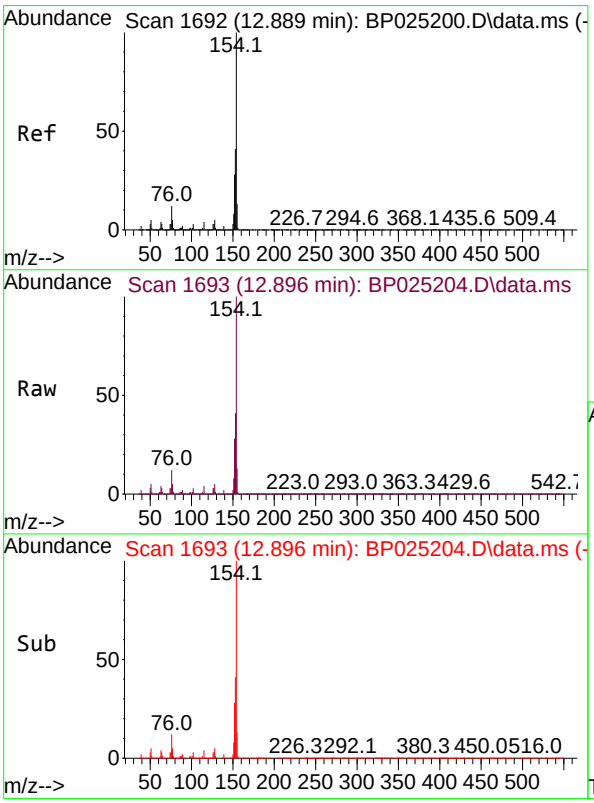

#45
2-Fluorobiphenyl
Concen: 81.308 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:172 Resp: 7858078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.8 | 43.2 |
| 170 | 23.9 | 19.2 | 28.8 |

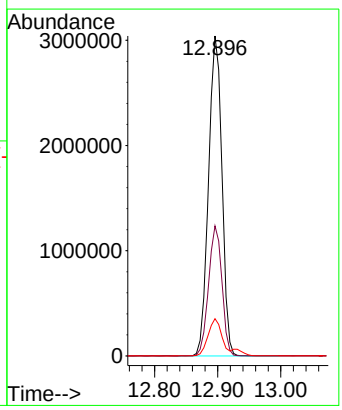


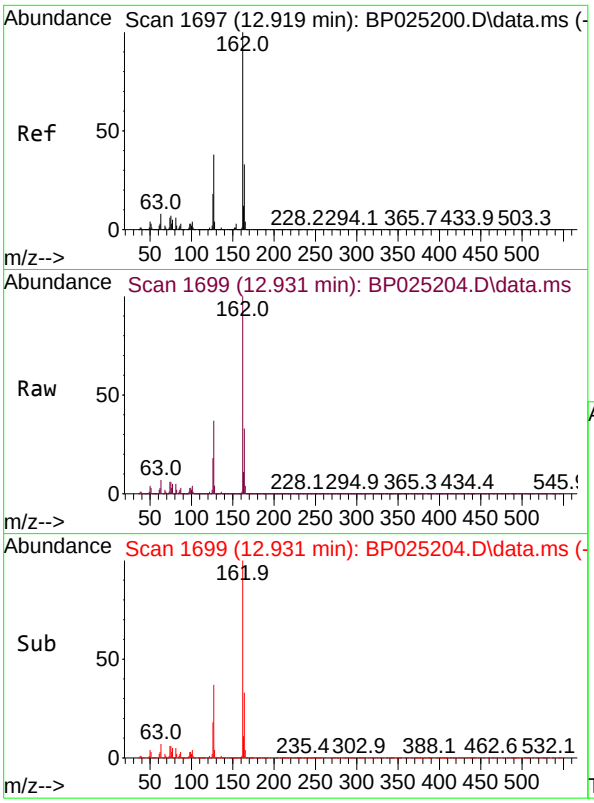




#46
1,1'-Biphenyl
Concen: 45.416 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 4485894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.8 | 60.8 |
| 76 | 11.6 | 0.0 | 31.6 |



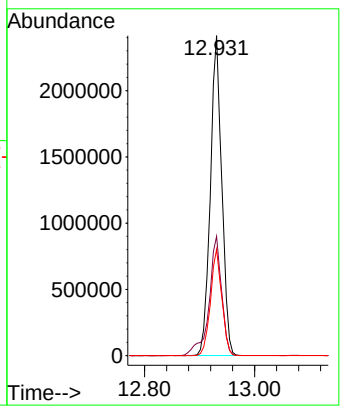


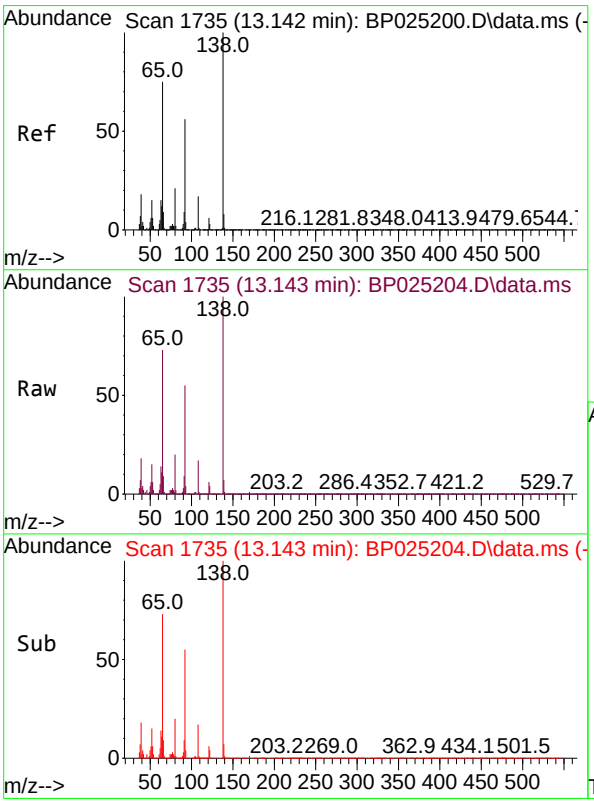

#47
2-Chloronaphthalene
Concen: 45.062 ng
RT: 12.931 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:162 Resp: 3474901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.3 | 30.1 | 45.1 |
| 164 | 33.2 | 26.5 | 39.7 |

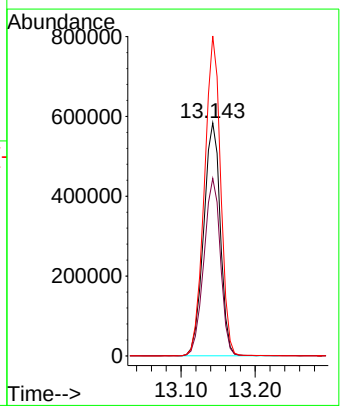


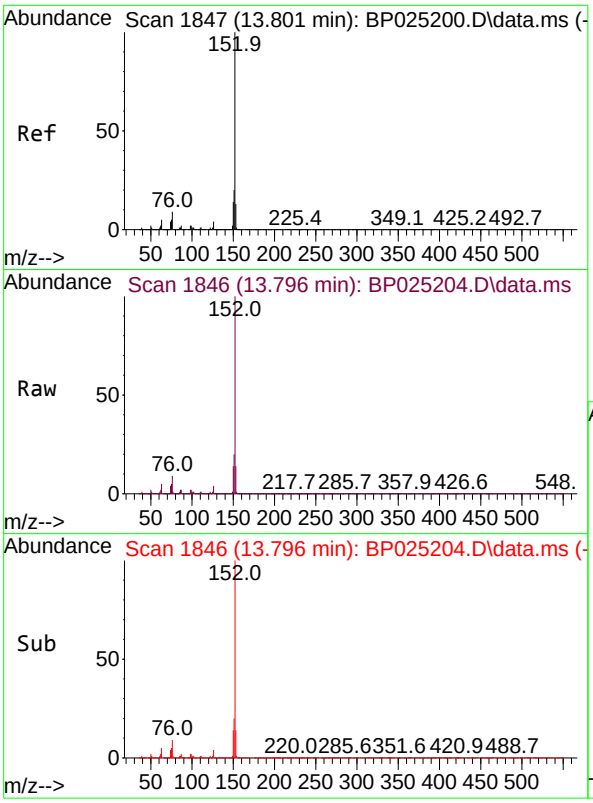




#48
2-Nitroaniline
Concen: 46.176 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion: 65 Resp: 909354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.2 | 59.9 | 89.9 |
| 138 | 137.3 | 107.1 | 160.7 |



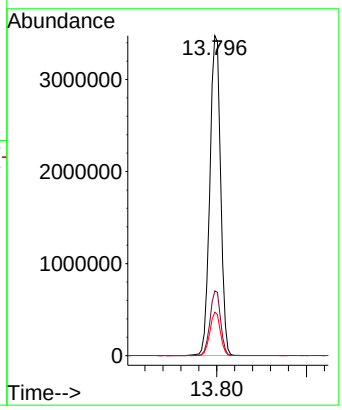


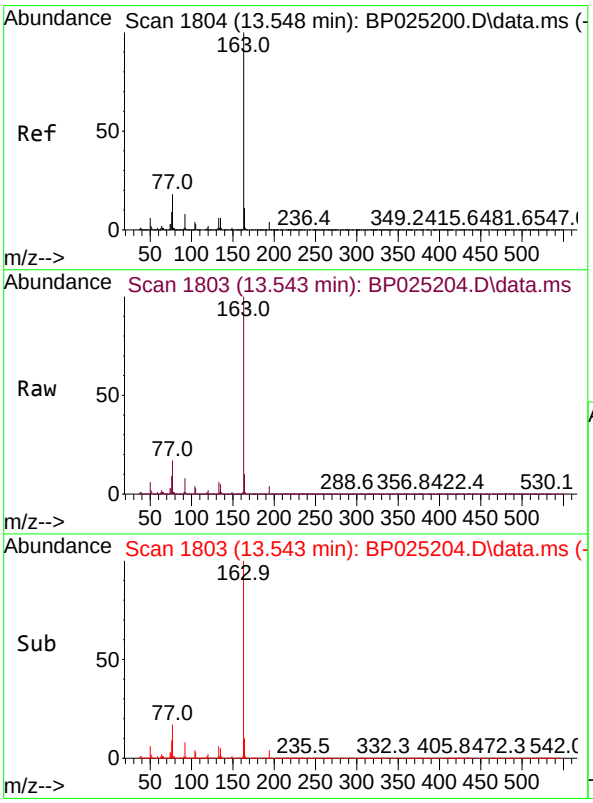

#49
Acenaphthylene
Concen: 46.141 ng
RT: 13.796 min Scan# 18
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:152 Resp: 5754979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.6 | 10.6 | 15.8 |

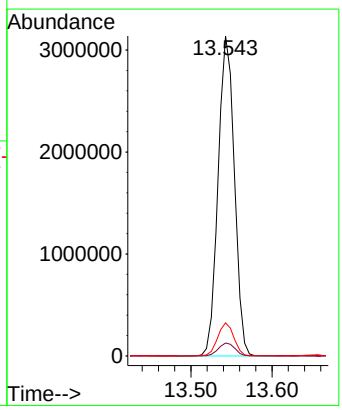


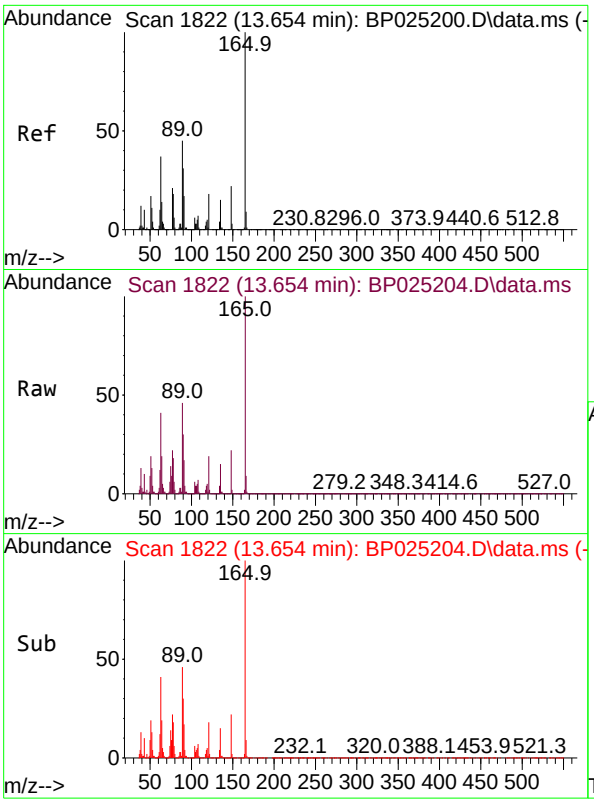




#50
Dimethylphthalate
Concen: 44.753 ng
RT: 13.543 min Scan# 1803
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:163 Resp: 4360923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.3 | 8.5 | 12.7 |



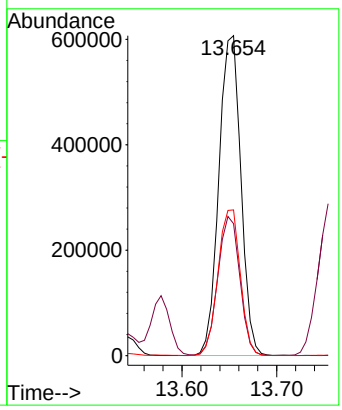


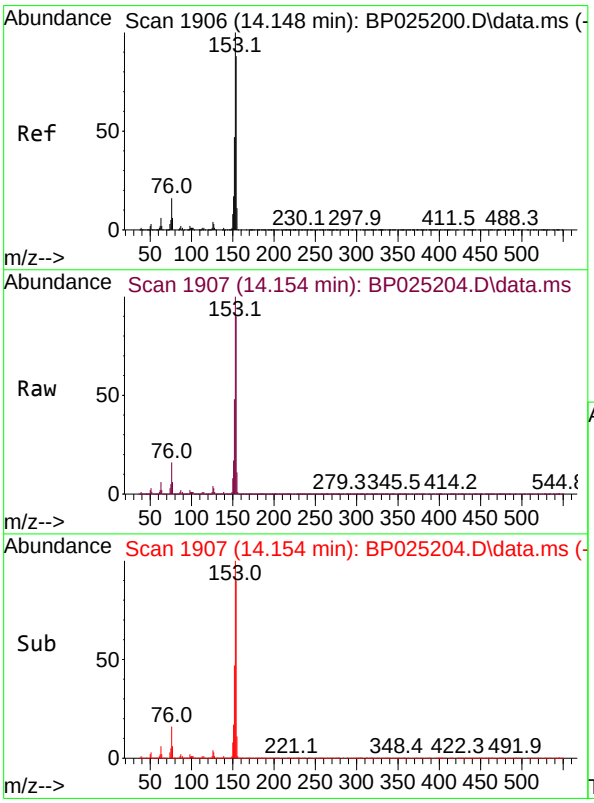

#51
2,6-Dinitrotoluene
Concen: 46.230 ng
RT: 13.654 min Scan# 18
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:165 Resp: 978826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.2 | 33.4 | 50.2 |
| 89 | 45.5 | 36.3 | 54.5 |

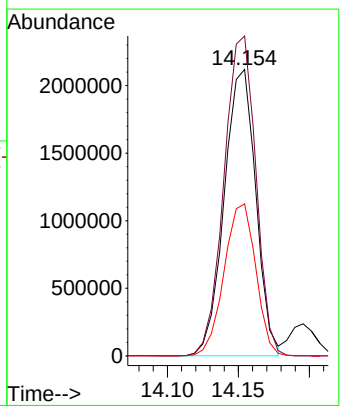


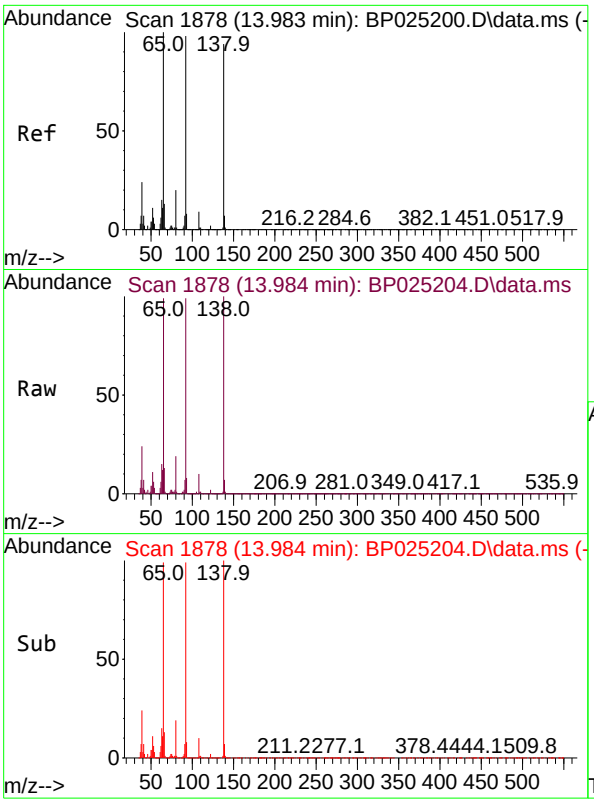




#52
Acenaphthene
Concen: 45.507 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:154 Resp: 3282137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.1 | 42.9 | 64.3 |



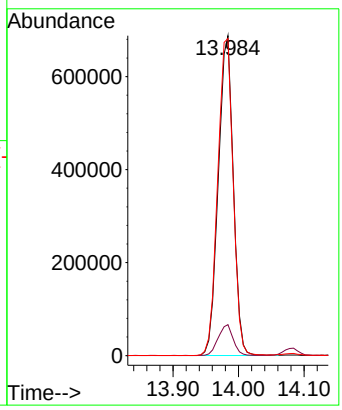


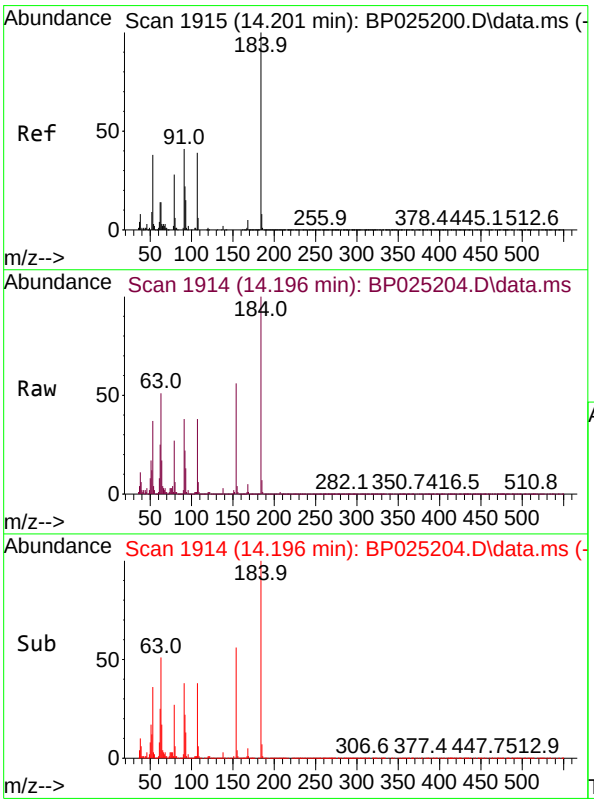

#53
3-Nitroaniline
Concen: 45.931 ng
RT: 13.984 min Scan# 18
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:138 Resp: 1096681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 7.5 | 11.3 |
| 92 | 99.1 | 83.2 | 124.8 |

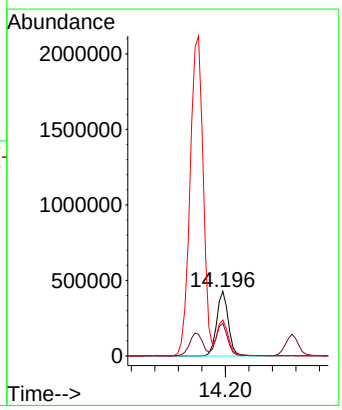


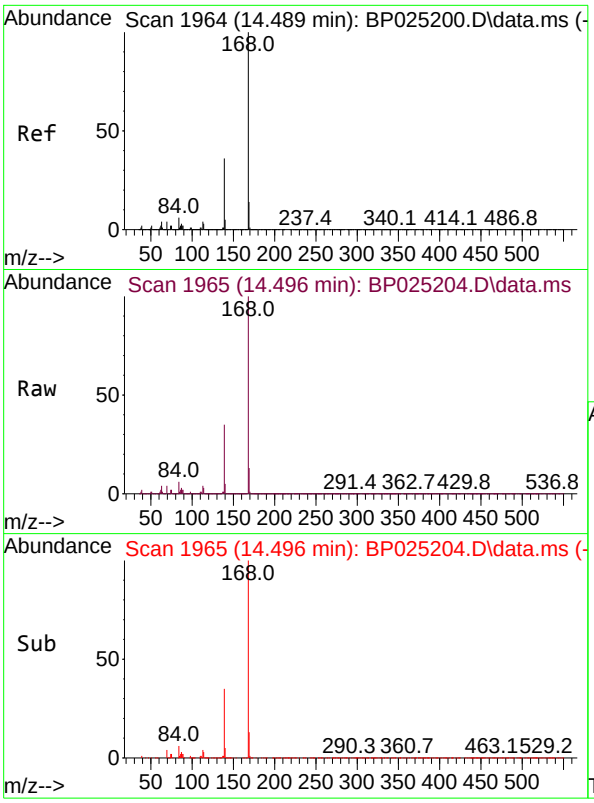




#54
2,4-Dinitrophenol
Concen: 46.791 ng
RT: 14.196 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:184 Resp: 586989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.9 | 41.8 | 62.8 |
| 154 | 55.7 | 45.7 | 68.5 |



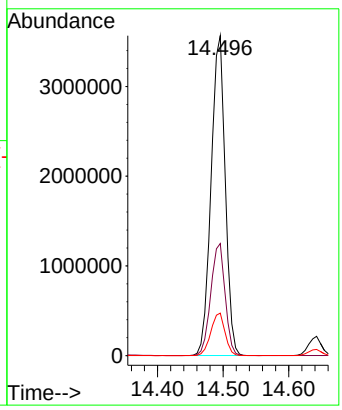


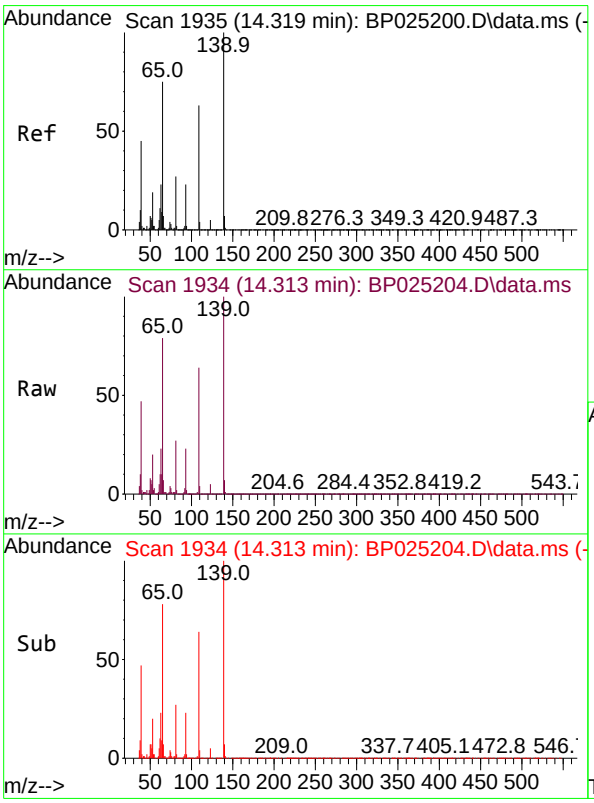

#55
Dibenzofuran
Concen: 45.869 ng
RT: 14.496 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:168 Resp: 5343820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.1 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |

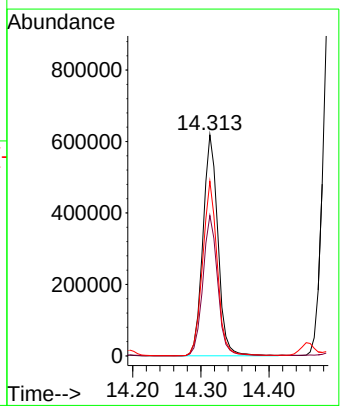


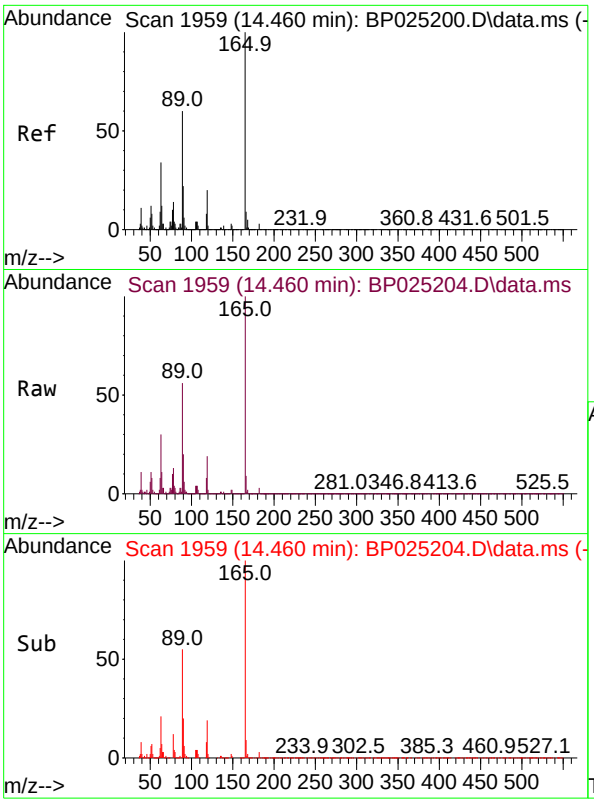




#56
4-Nitrophenol
Concen: 46.237 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:139 Resp: 944675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.5 | 42.6 | 82.6 |
| 65 | 79.0 | 55.4 | 95.4 |



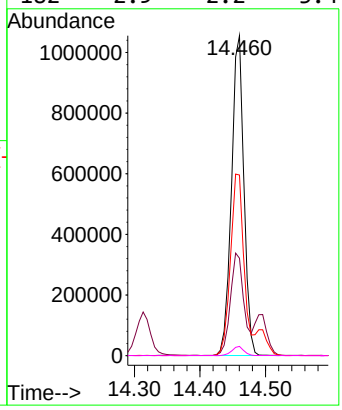


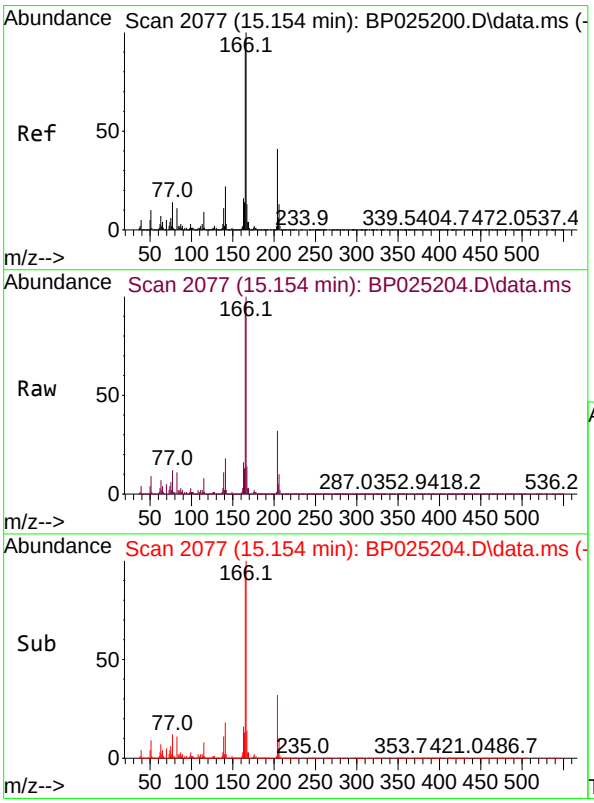

#57
2,4-Dinitrotoluene
Concen: 46.930 ng
RT: 14.460 min Scan# 19
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:165 Resp: 1390893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 30.4 | 27.0 | 40.4 |
| 89 | 56.4 | 47.8 | 71.6 |
| 182 | 2.9 | 2.2 | 3.4 |

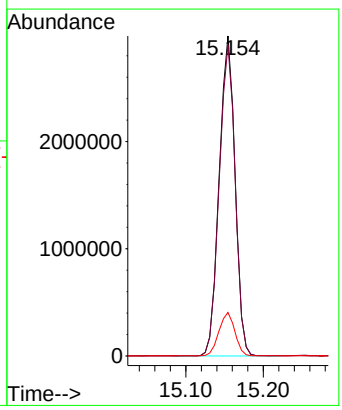


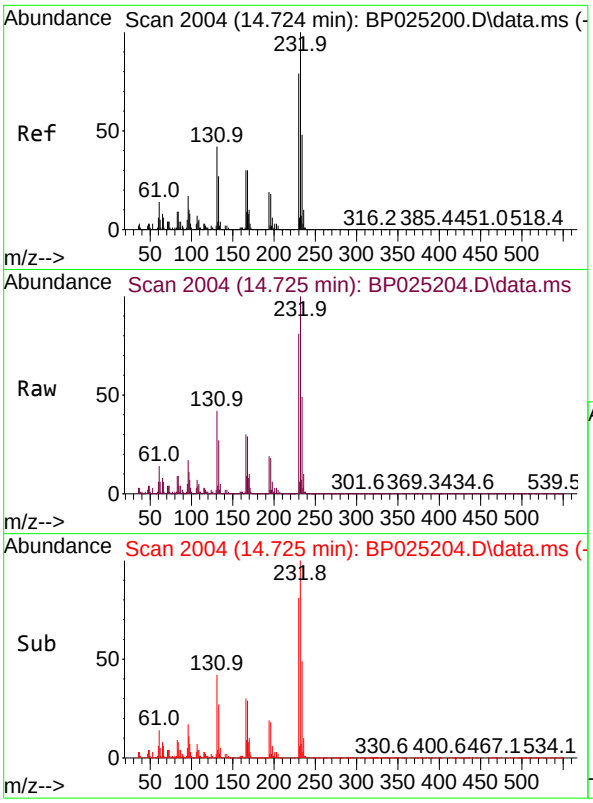




#58
Fluorene
Concen: 45.851 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:166 Resp: 4240752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



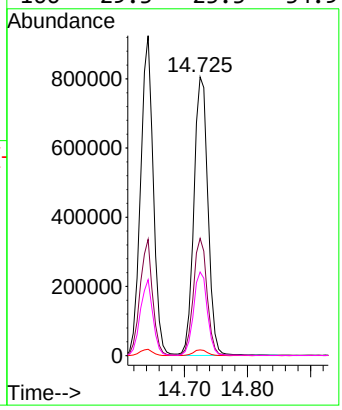


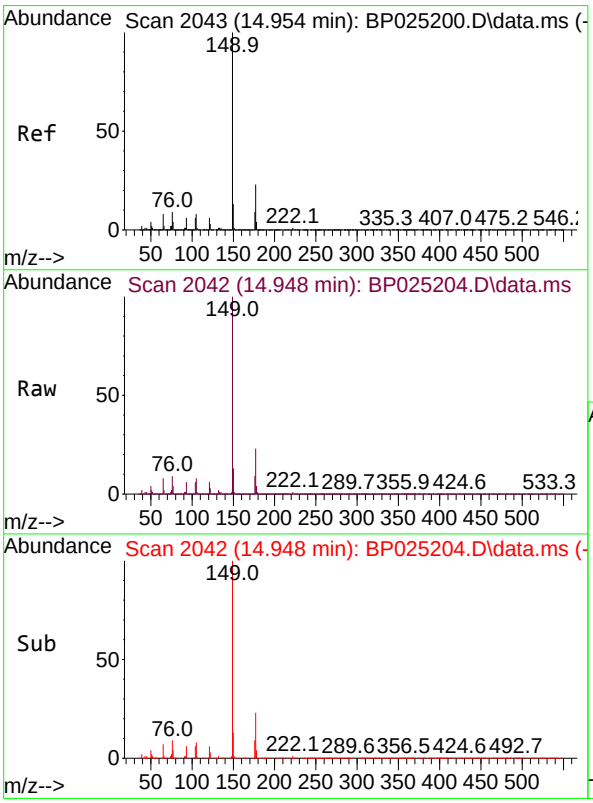

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.744 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:232 Resp: 1243197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.0 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.3 | 23.3 | 34.9 |

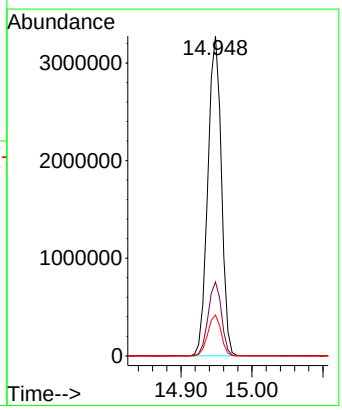


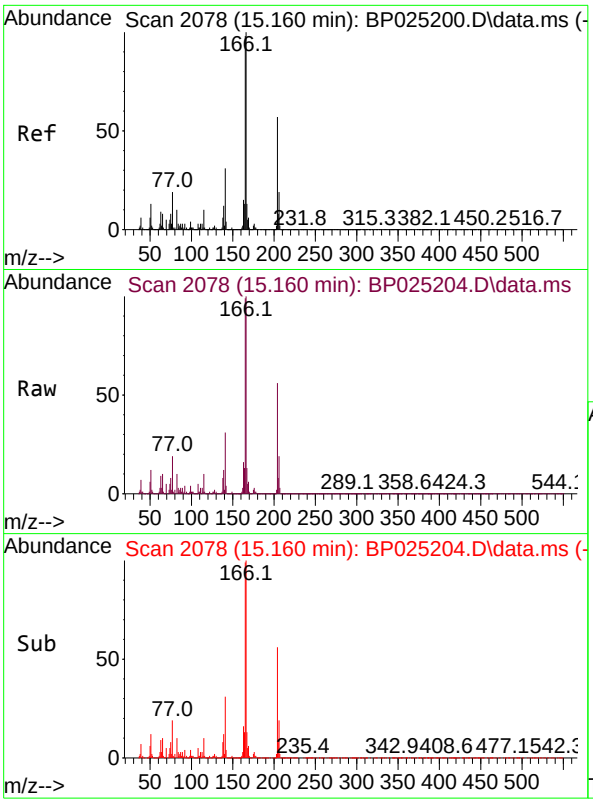




#60
Diethylphthalate
Concen: 44.844 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 4306867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.1 | 18.4 | 27.6 |
| 150 | 12.8 | 10.0 | 15.0 |



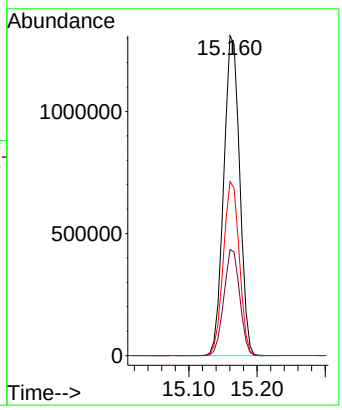


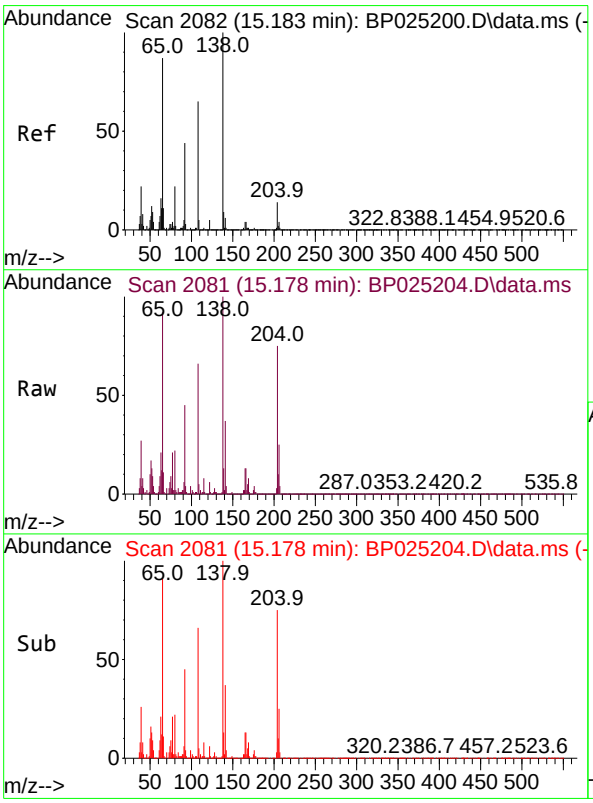

#61
4-Chlorophenyl-phenylether
Concen: 45.300 ng
RT: 15.160 min Scan# 20
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:204 Resp: 2117148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.3 | 39.5 |
| 141 | 54.4 | 43.0 | 64.6 |

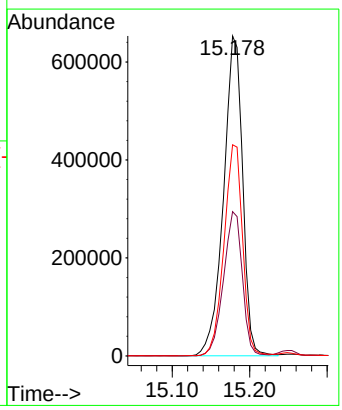


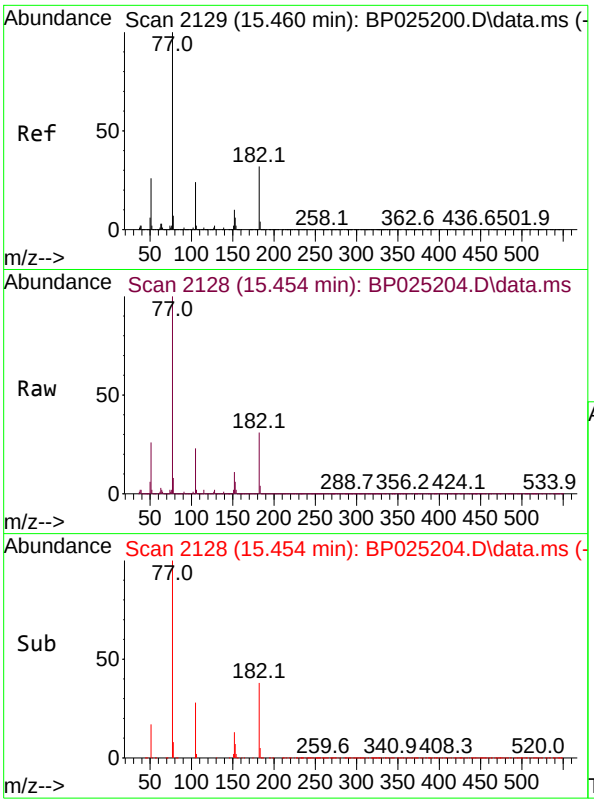




#62
4-Nitroaniline
Concen: 46.208 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:138 Resp: 1122038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.1 | 24.0 | 64.0 |
| 108 | 66.0 | 44.9 | 84.9 |



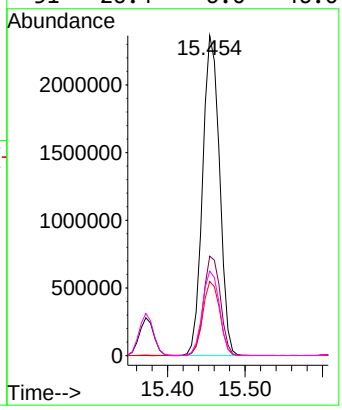


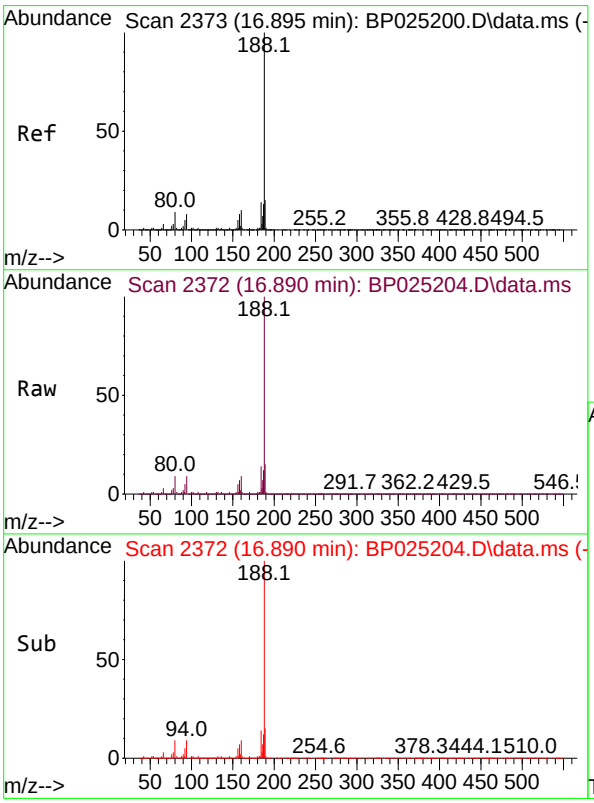

#63
Azobenzene
Concen: 45.735 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion: 77 Resp: 3579445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.1 | 12.0 | 52.0 |
| 105 | 23.2 | 3.6 | 43.6 |
| 51 | 26.4 | 6.0 | 46.0 |

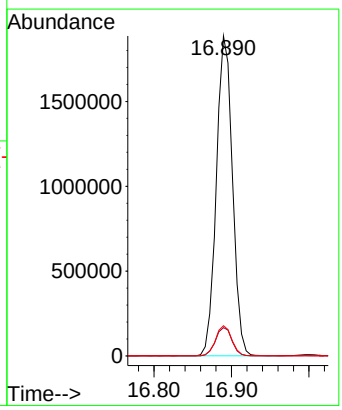


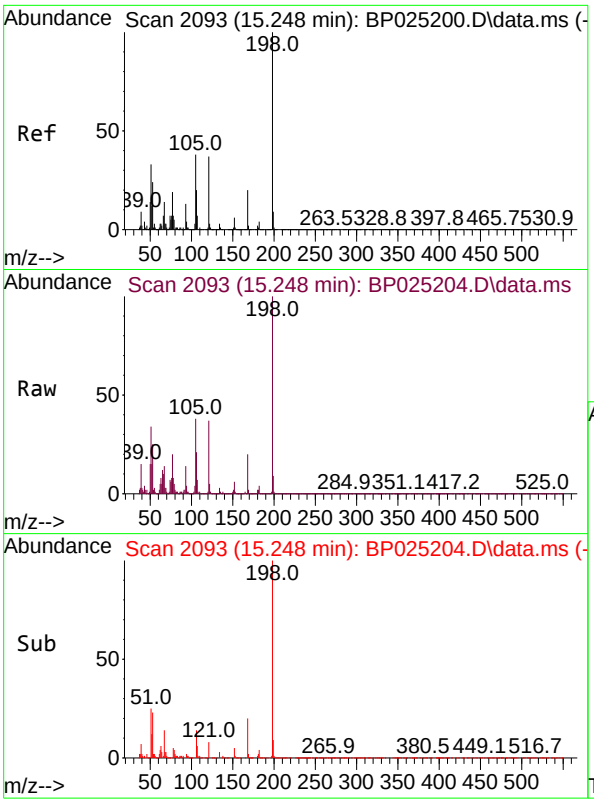




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:188 Resp: 2724423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.8 | 10.2 |
| 80 | 9.4 | 7.3 | 10.9 |



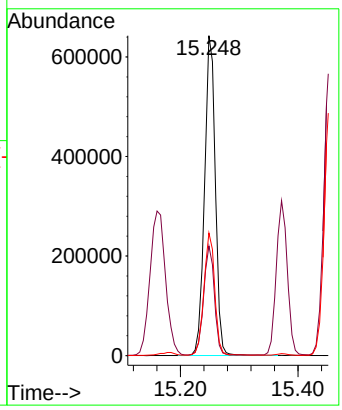


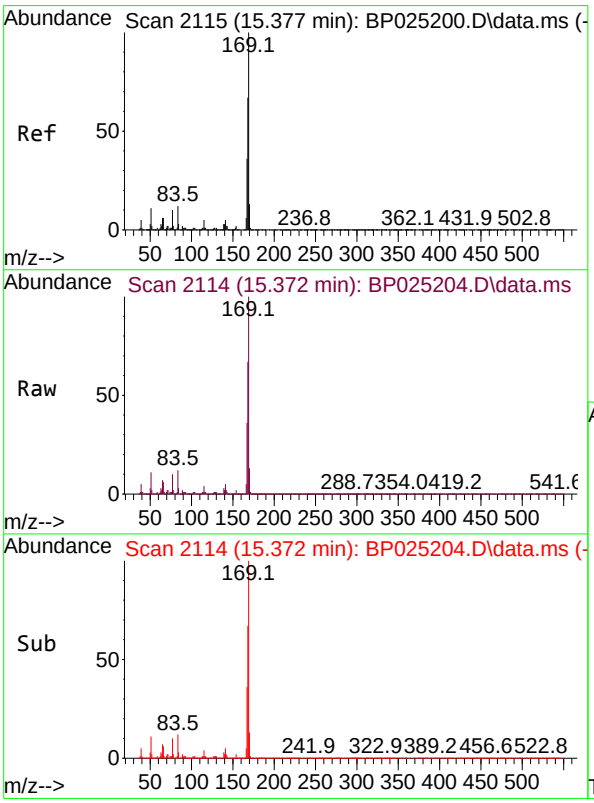

#65
4,6-Dinitro-2-methylphenol
Concen: 46.654 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:198 Resp: 820280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.3 | 14.6 | 54.6 |
| 105 | 38.3 | 18.3 | 58.3 |

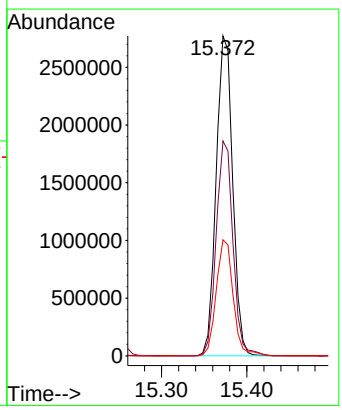


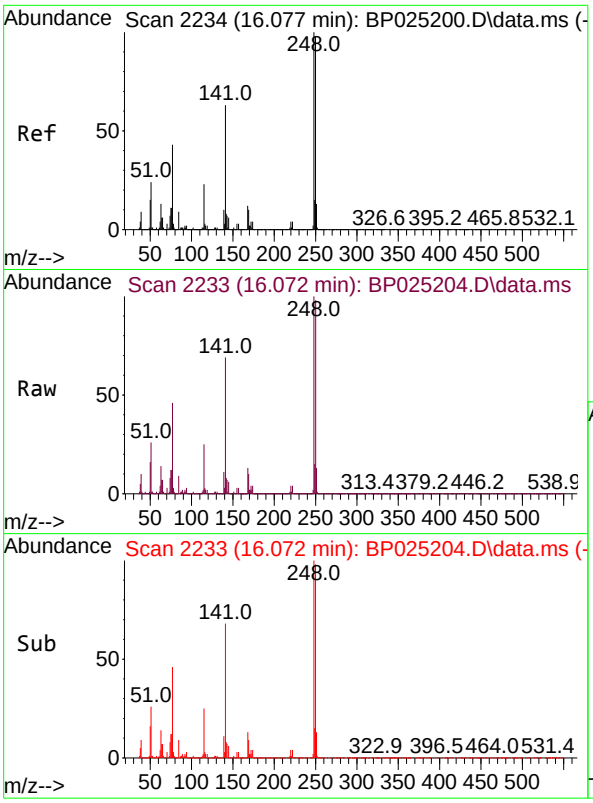




#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:169 Resp: 3726776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.1 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |



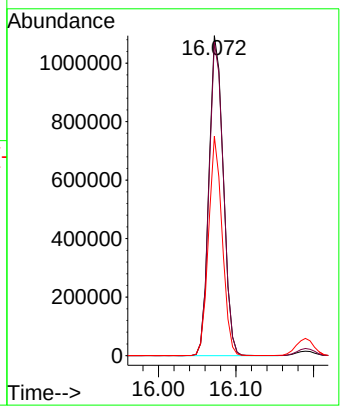


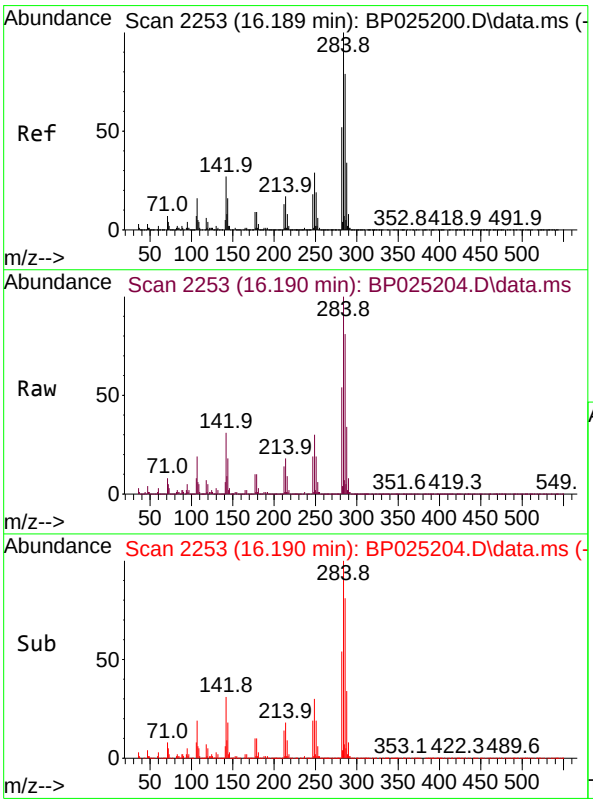

#67
4-Bromophenyl-phenylether
Concen: 44.020 ng
RT: 16.072 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:248 Resp: 1399658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.5 | 117.7 |
| 141 | 68.5 | 50.5 | 75.7 |

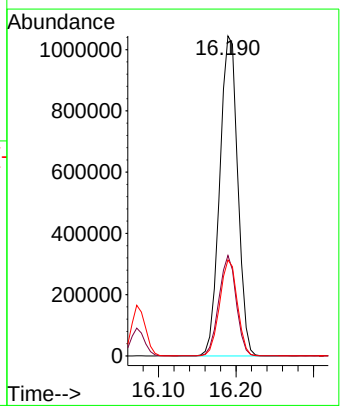


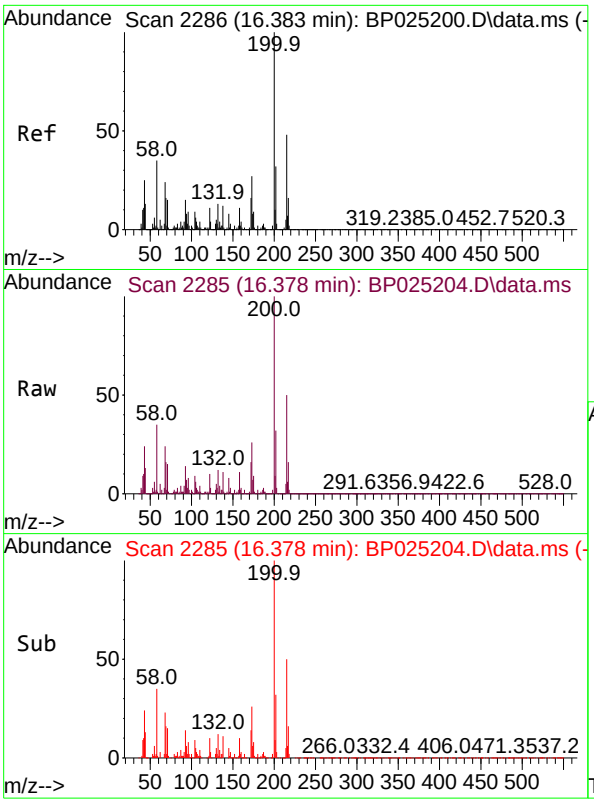




#68
Hexachlorobenzene
Concen: 44.819 ng
RT: 16.190 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:284 Resp: 1692331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 21.5 | 32.3 |
| 249 | 30.0 | 23.4 | 35.0 |



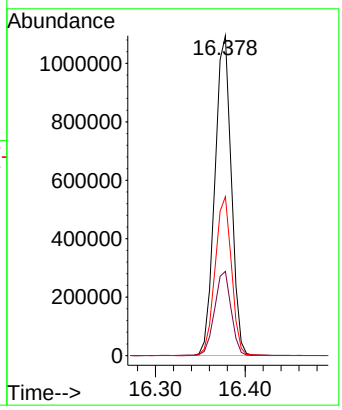


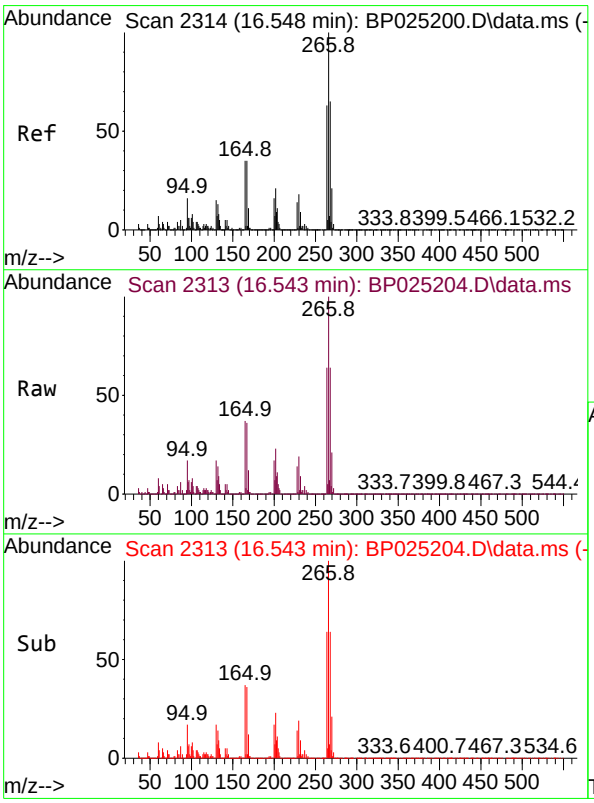

#69
Atrazine
Concen: 45.593 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:200 Resp: 1395157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 49.7 | 28.5 | 68.5 |

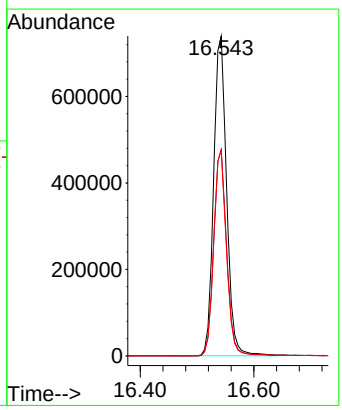


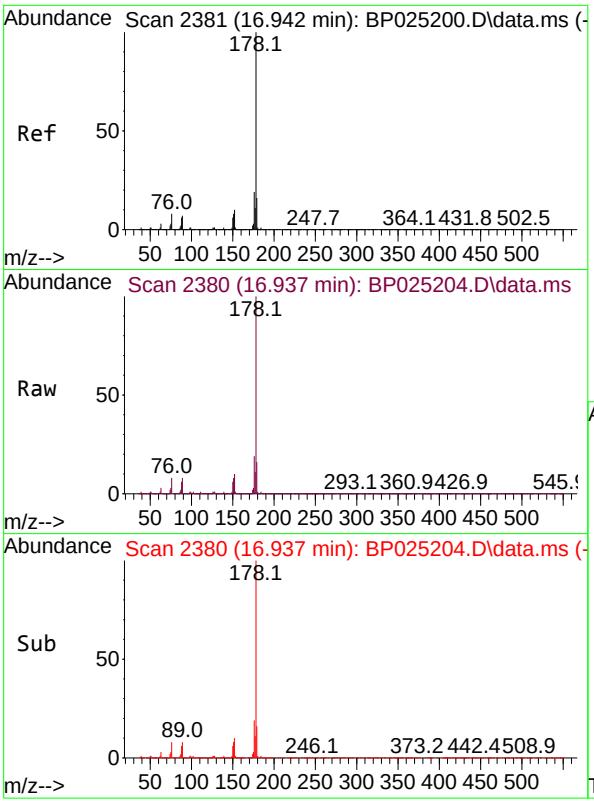




#70
Pentachlorophenol
Concen: 45.651 ng
RT: 16.543 min Scan# 2313
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:266 Resp: 1172182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.8 | 77.6 |
| 264 | 64.4 | 50.3 | 75.5 |



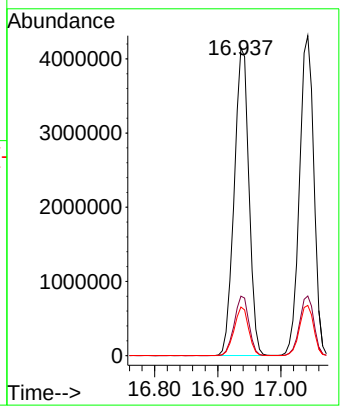


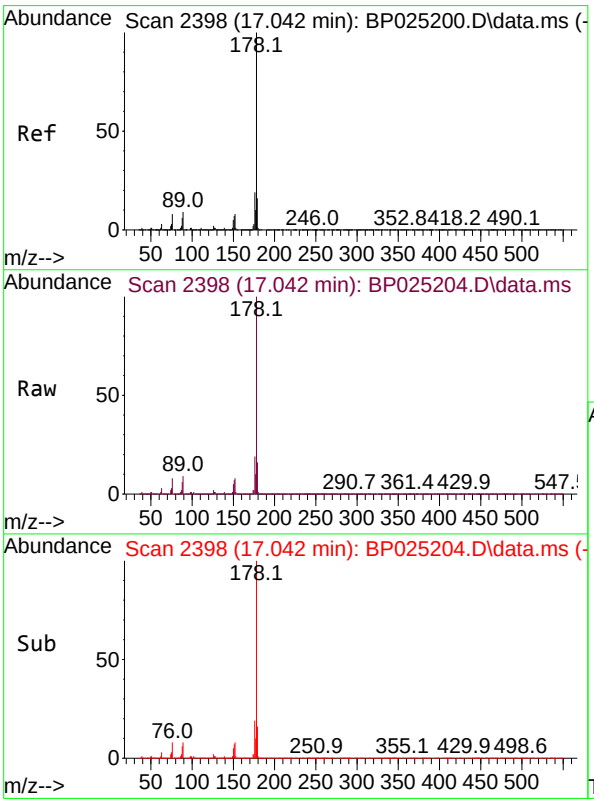

#71
Phenanthrene
Concen: 45.655 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:178 Resp: 6708617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.8 | 12.5 | 18.7 |

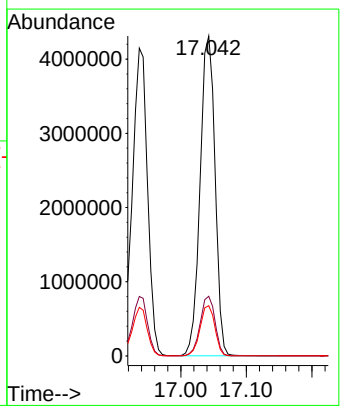


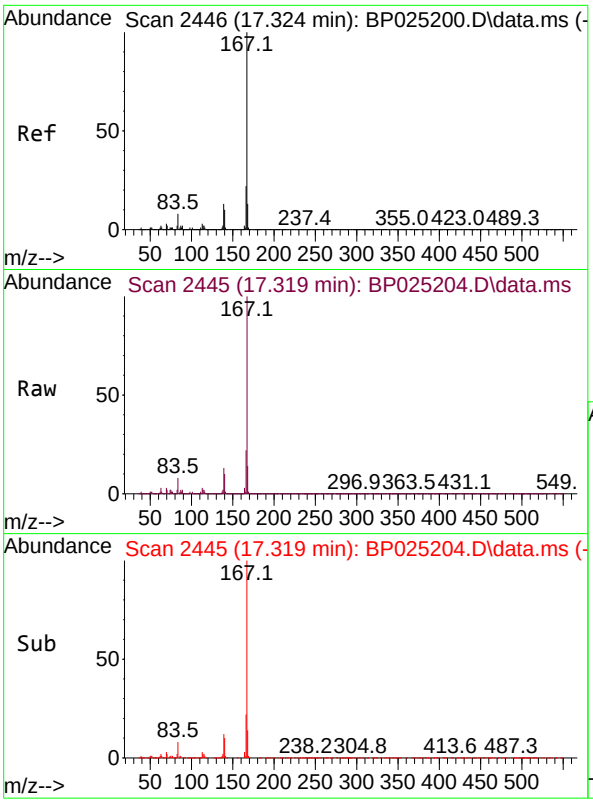




#72
Anthracene
Concen: 45.942 ng
RT: 17.042 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:178 Resp: 6800703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



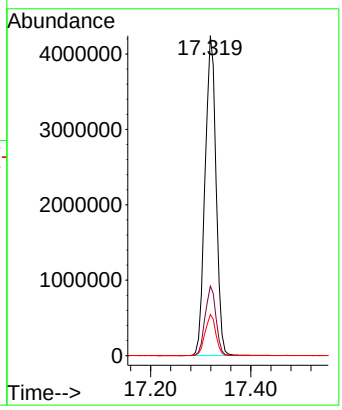


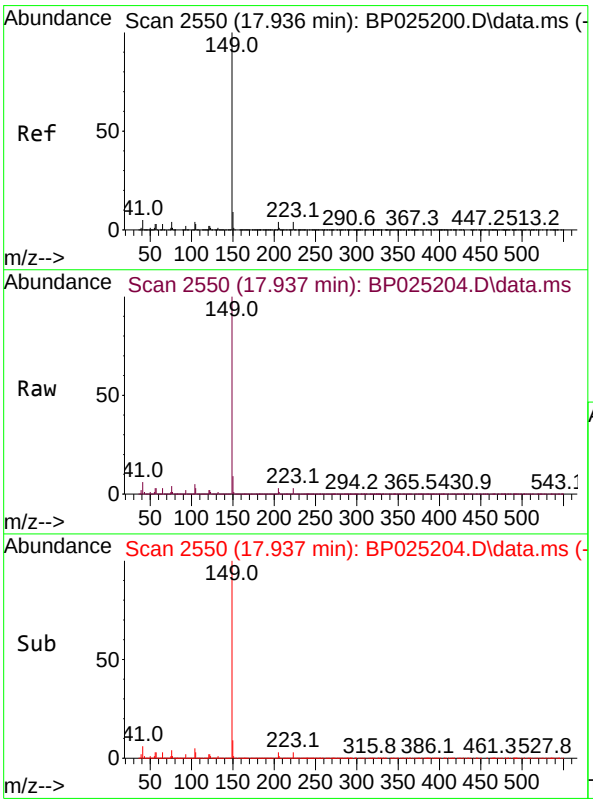

#73
Carbazole
Concen: 45.725 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:167 Resp: 6461345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.3 | 25.9 |
| 139 | 12.8 | 10.1 | 15.1 |

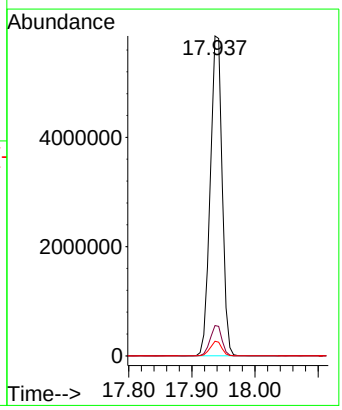


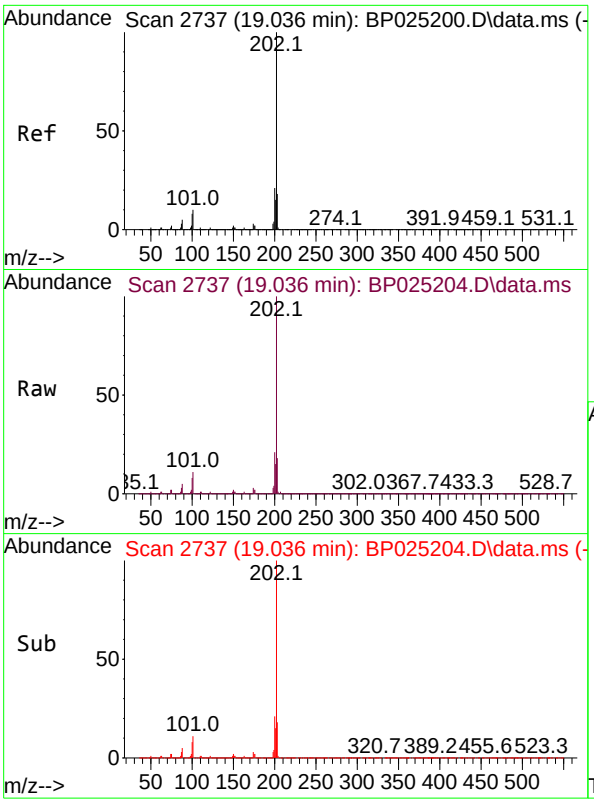




#74
Di-n-butylphthalate
Concen: 47.030 ng
RT: 17.937 min Scan# 2550
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 7668085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.6 | 11.4 |
| 104 | 4.6 | 3.5 | 5.3 |



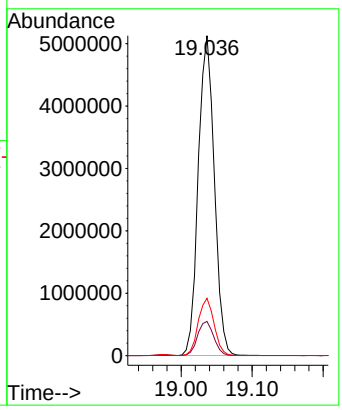


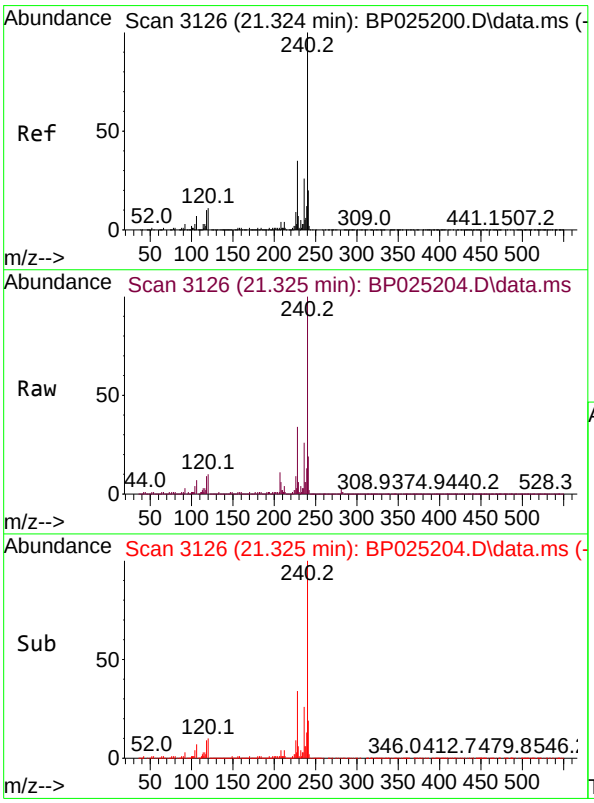

#75
Fluoranthene
Concen: 46.353 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:202 Resp: 8016191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 30.3 |
| 203 | 17.9 | 0.0 | 38.0 |

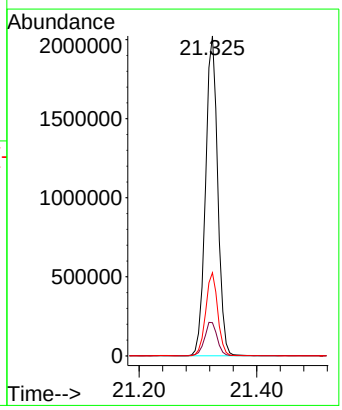


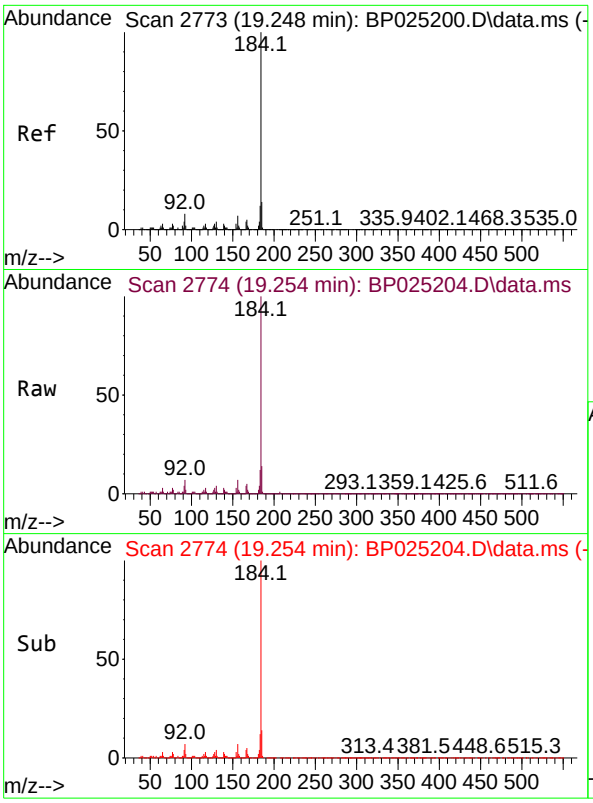




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:240 Resp: 2909374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.8 | 13.2 |
| 236 | 26.0 | 20.9 | 31.3 |



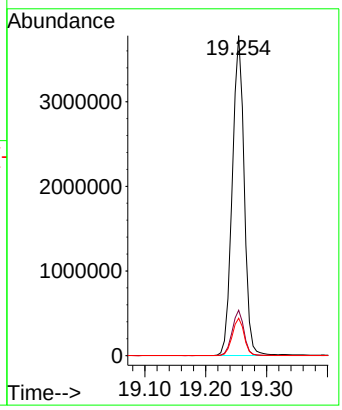


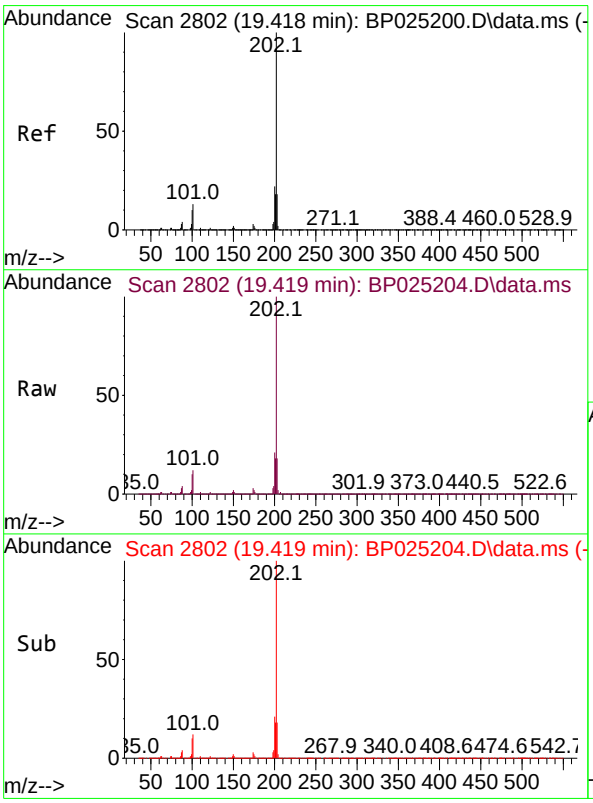

#77
Benzidine
Concen: 49.969 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:184 Resp: 5103974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.5 | 17.3 |
| 183 | 11.7 | 9.6 | 14.4 |

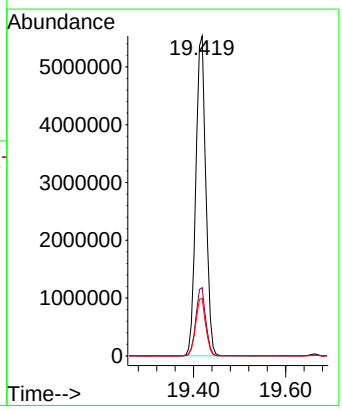


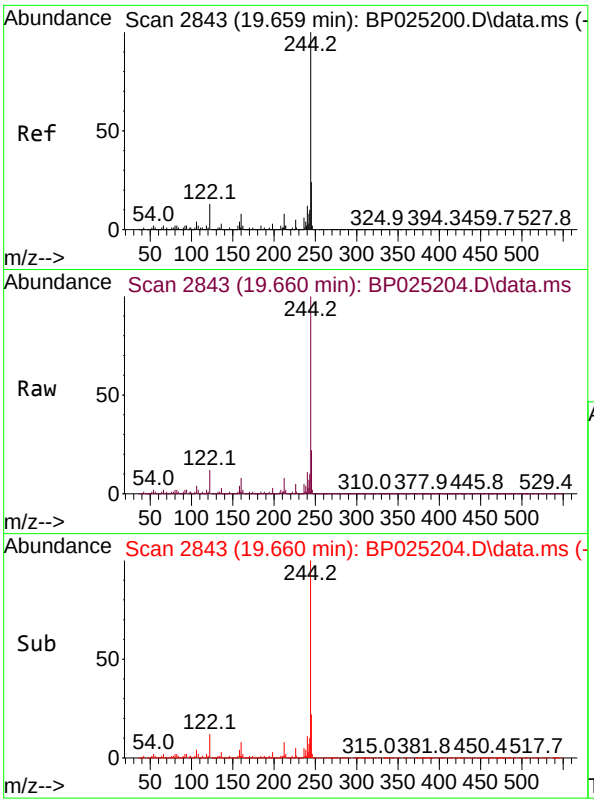




#78
Pyrene
Concen: 46.157 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:202 Resp: 8280087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.2 |
| 203 | 18.0 | 14.3 | 21.5 |



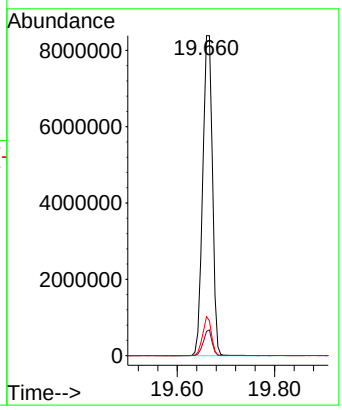


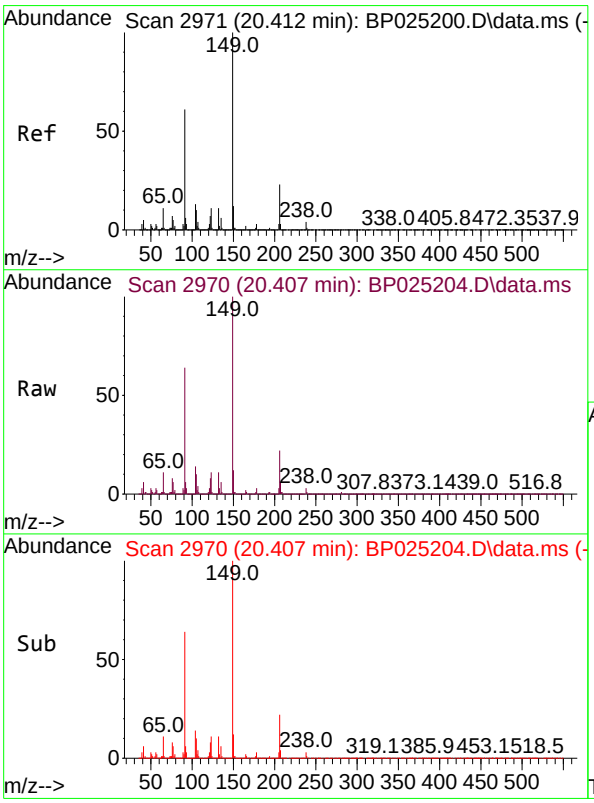

#79
Terphenyl-d14
Concen: 78.518 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:244 Resp:11572188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.6 | 9.8 |
| 122 | 12.2 | 10.3 | 15.5 |

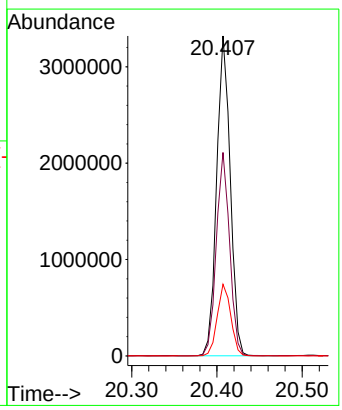


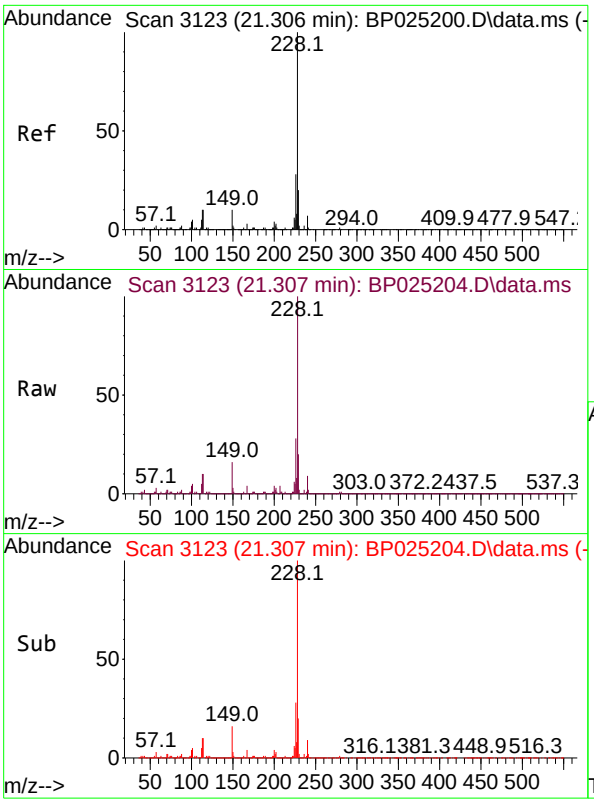




#80
Butylbenzylphthalate
Concen: 45.188 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 3669353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.6 | 48.8 | 73.2 |
| 206 | 22.4 | 18.4 | 27.6 |



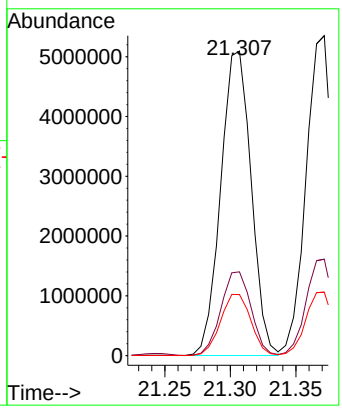


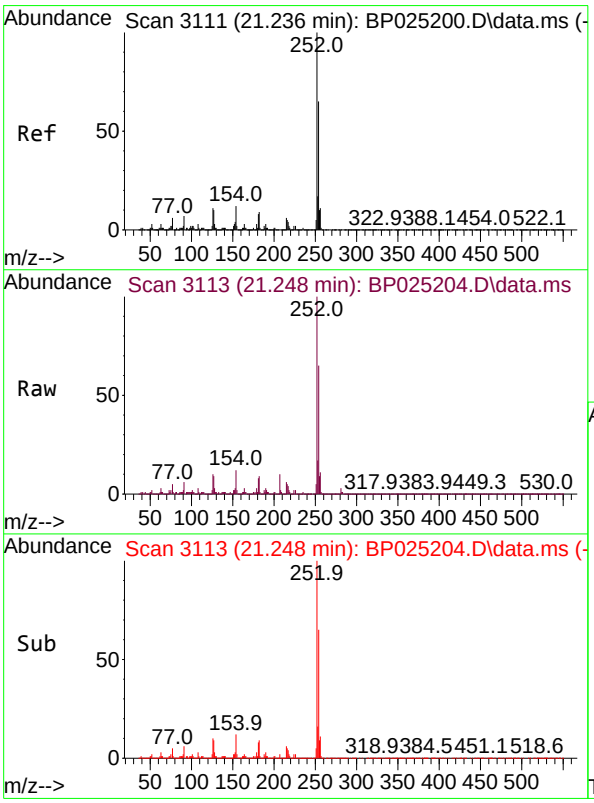

#81
Benzo(a)anthracene
Concen: 44.767 ng
RT: 21.307 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:228 Resp: 8225034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.3 | 33.5 |
| 229 | 20.1 | 16.2 | 24.2 |

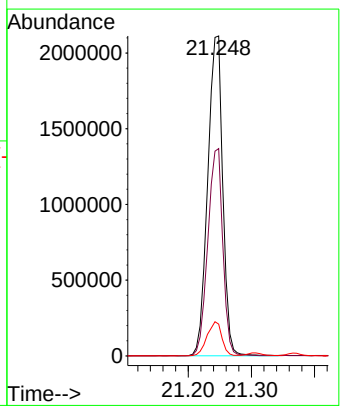


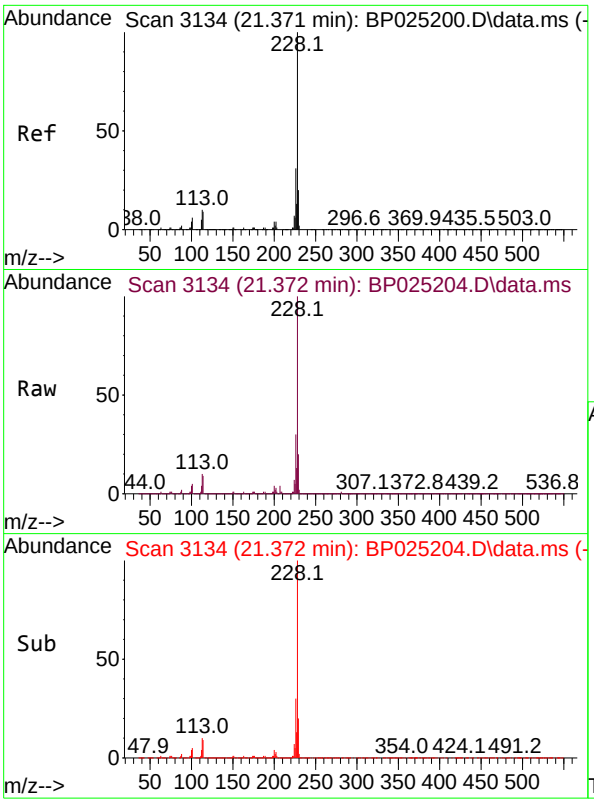




#82
3,3'-Dichlorobenzidine
Concen: 45.857 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 3492411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 52.1 | 78.1 |
| 126 | 9.9 | 8.6 | 12.8 |



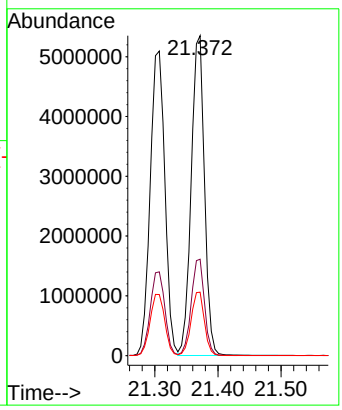


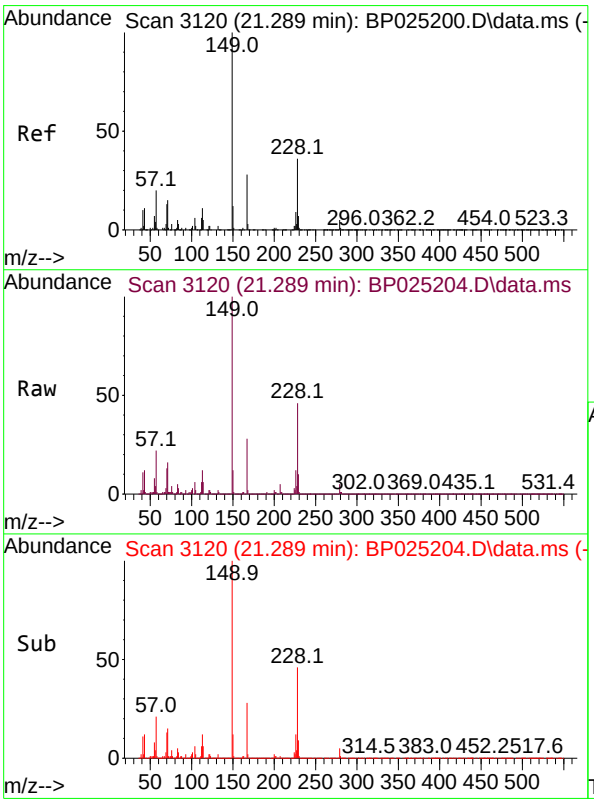

#83
Chrysene
Concen: 45.539 ng
RT: 21.372 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:228 Resp: 7810320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.6 | 37.0 |
| 229 | 19.8 | 16.0 | 24.0 |

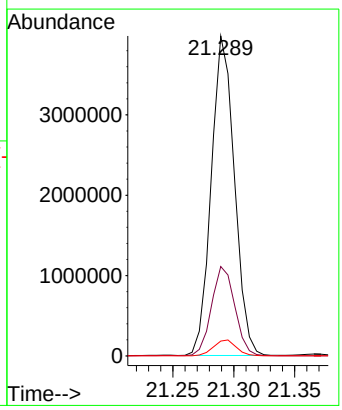


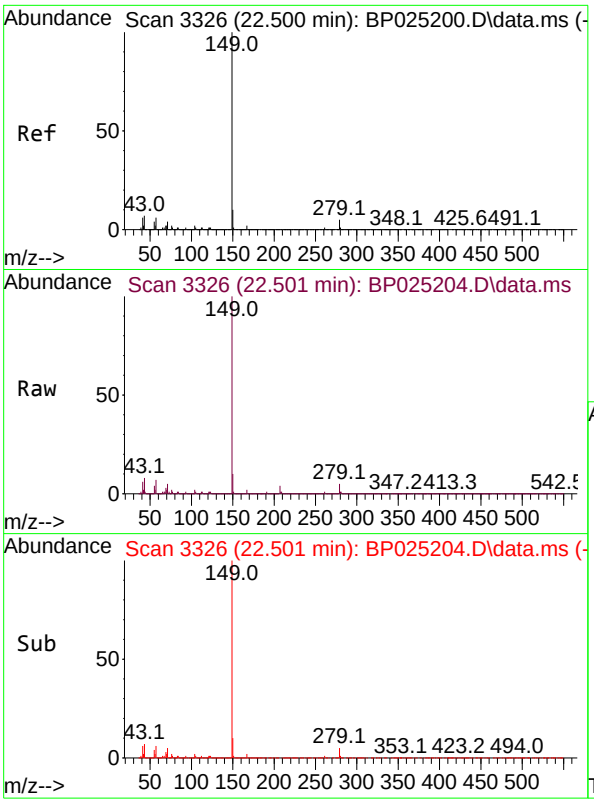




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.344 ng
RT: 21.289 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:149 Resp: 5264917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |



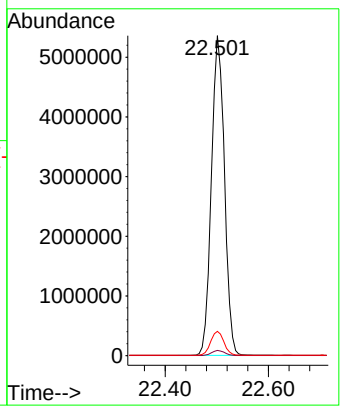


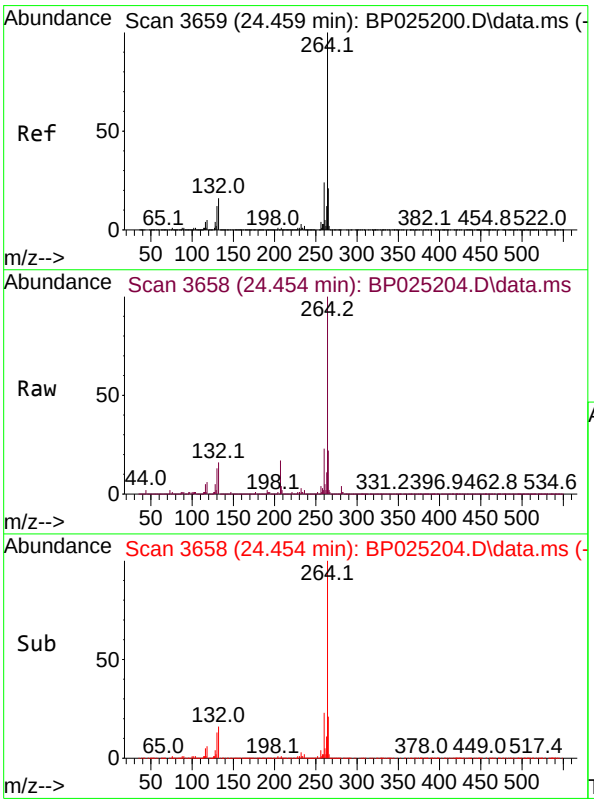

#85
Di-n-octyl phthalate
Concen: 46.799 ng
RT: 22.501 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:149 Resp: 9383339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.5 | 6.1 | 9.1 |

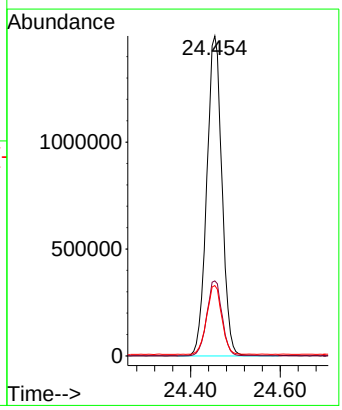


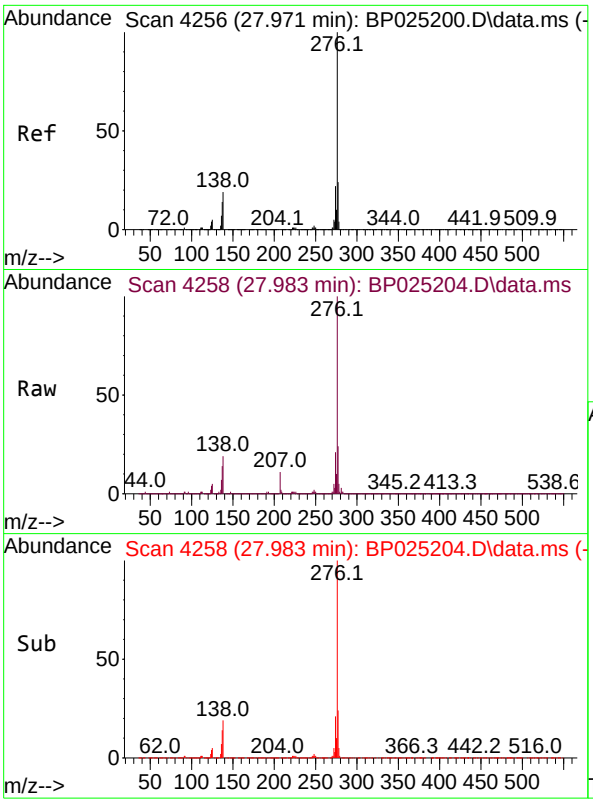




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:264 Resp: 3512838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |



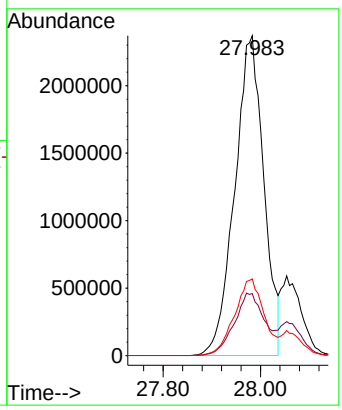


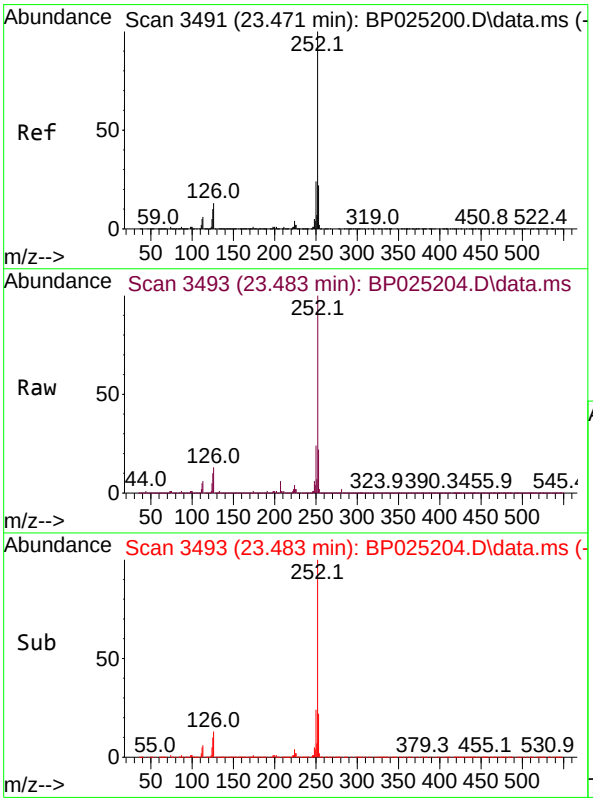

#87
Indeno(1,2,3-cd)pyrene
Concen: 38.109 ng
RT: 27.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:276 Resp: 9783058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.8 | 12.8 | 19.2# |
| 277 | 24.5 | 20.3 | 30.5 |

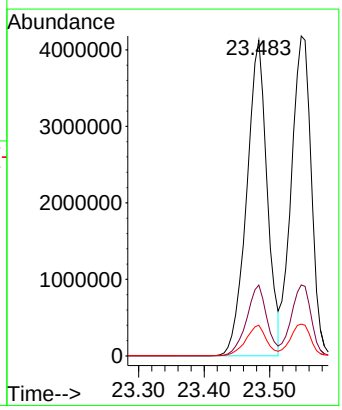


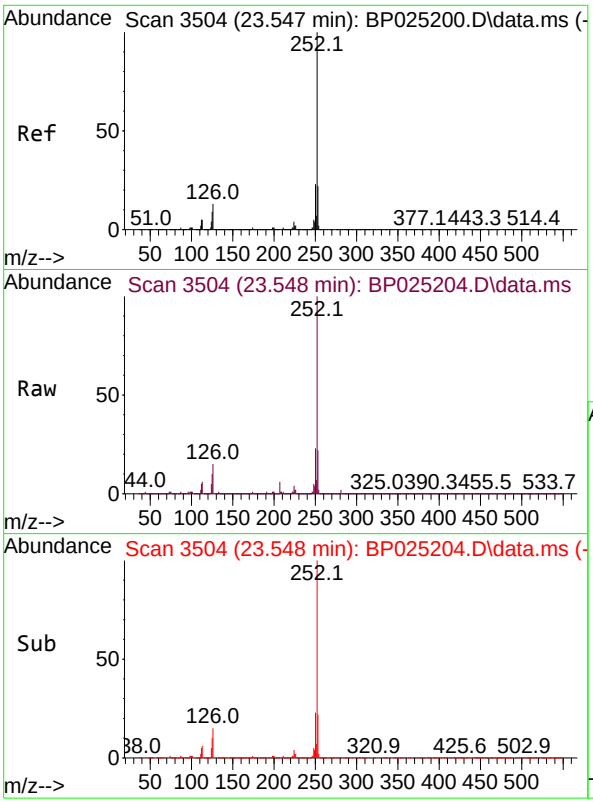




#88
Benzo(b)fluoranthene
Concen: 44.450 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8937938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 9.7 | 7.8 | 11.8 |



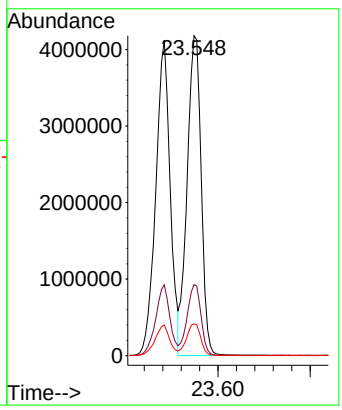


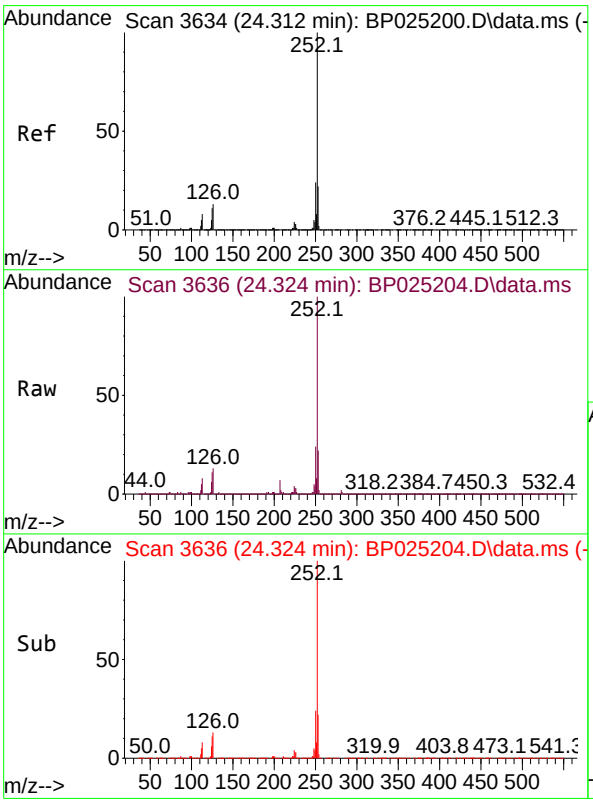

#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.548 min Scan# 3
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:252 Resp: 8873357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.9 | 7.5 | 11.3 |

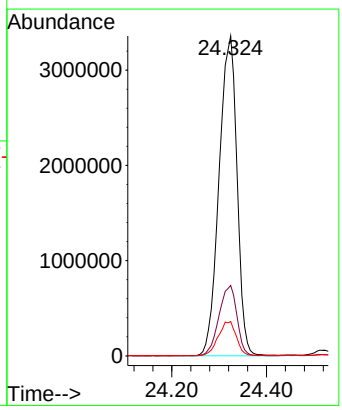


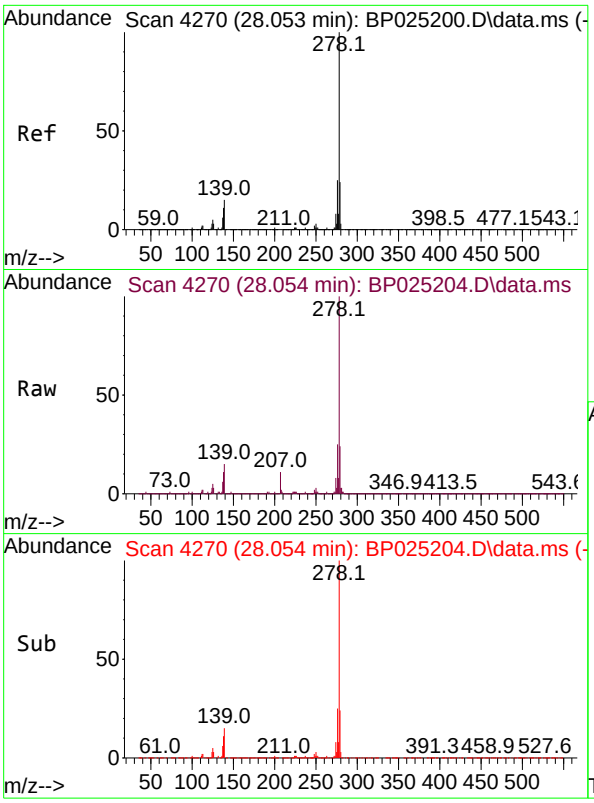




#90
Benzo(a)pyrene
Concen: 45.040 ng
RT: 24.324 min Scan# 3636
Delta R.T. 0.012 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:252 Resp: 8836252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.7 | 8.6 | 12.8 |



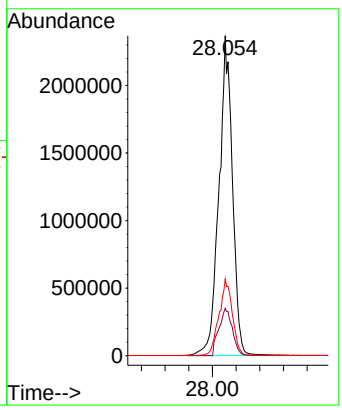


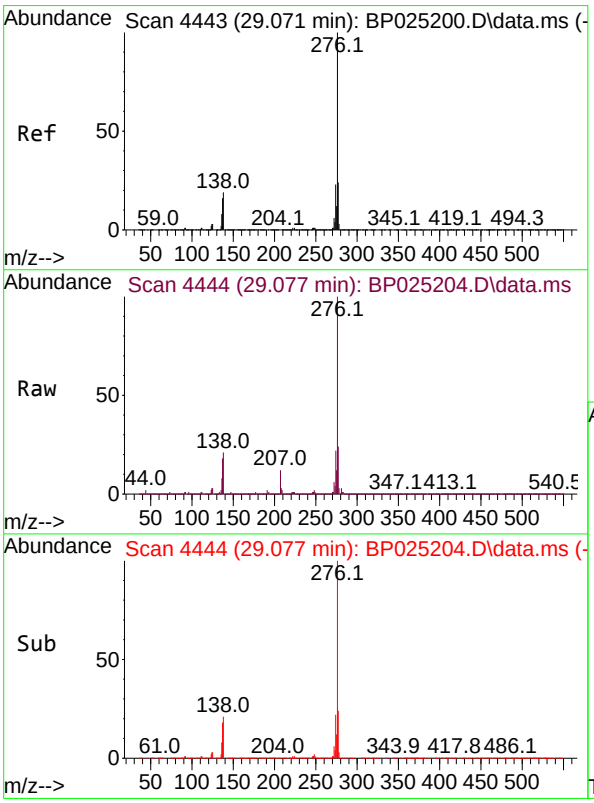

#91
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 28.054 min Scan# 4
Delta R.T. 0.001 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

Tgt Ion:278 Resp: 9396843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 12.0 | 18.0 |
| 279 | 23.9 | 19.5 | 29.3 |

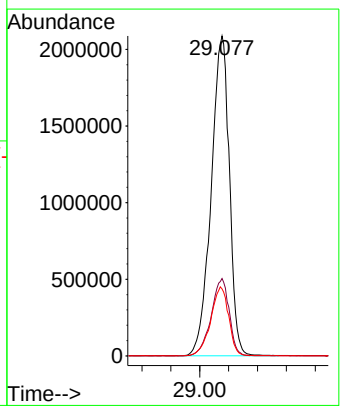



#92
Benzo(g,h,i)perylene
Concen: 44.298 ng
RT: 29.077 min Scan# 4444
Delta R.T. 0.006 min
Lab File: BP025204.D
Acq: 21 Jul 2025 19:55

Tgt Ion:276 Resp: 9117542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.2 | 28.8 |
| 138 | 20.9 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

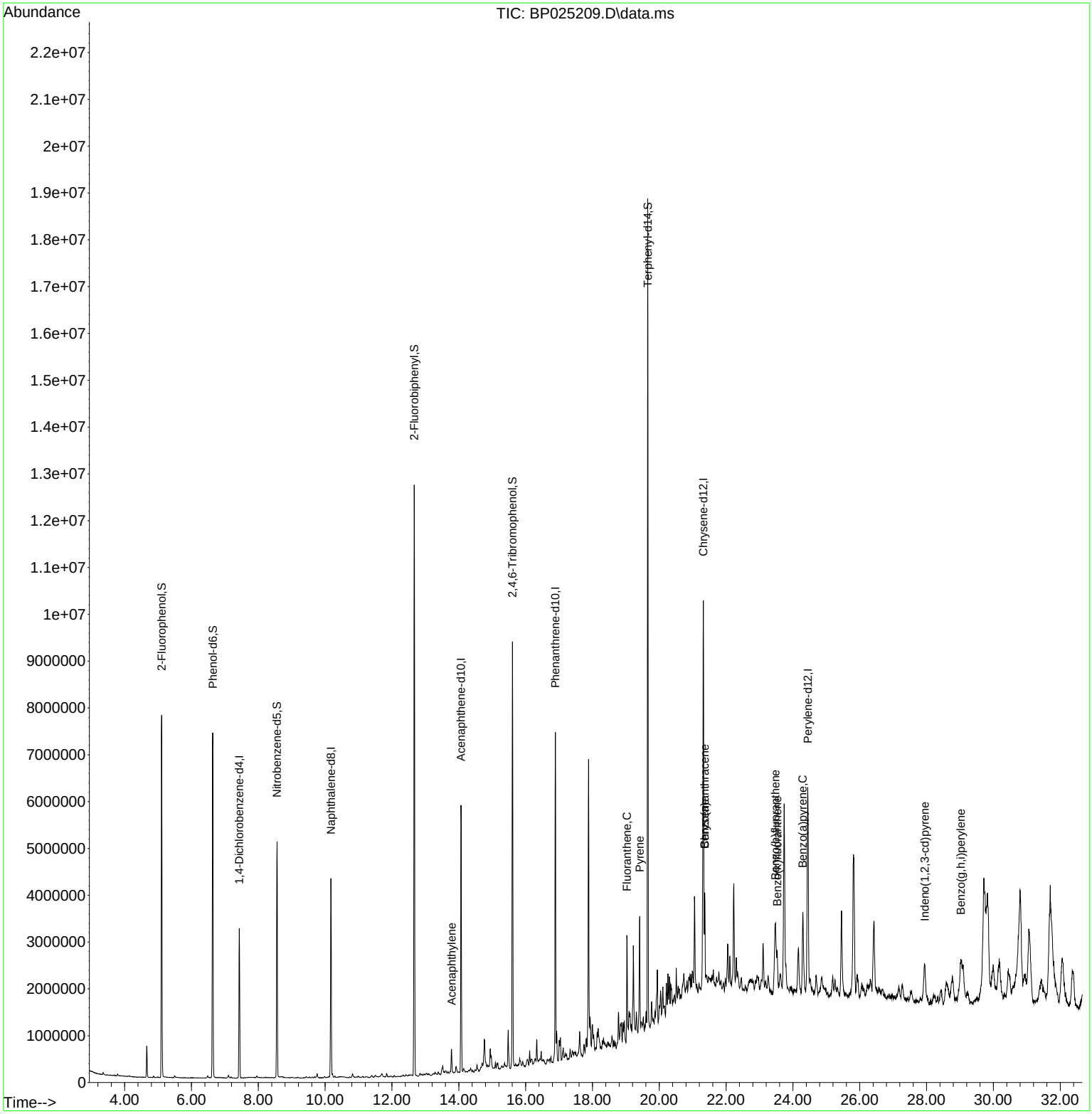
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 920177 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 3525504 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.066 | 164 | 2109533 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3961378 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.318 | 240 | 3833110 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.442 | 264 | 4465382 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 3598852 | 66.083 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4452832 | 66.016 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 2759468 | 43.498 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2035909 | 65.465 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.666 | 172 | 6720014 | 44.910 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.654 | 244 | 8591140 | 44.244 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.784 | 152 | 454992 | 2.356 | ng | | 99 |
| 75) Fluoranthene | 19.030 | 202 | 1399615 | 5.566 | ng | | 99 |
| 78) Pyrene | 19.413 | 202 | 1713944 | 7.252 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.360 | 228 | 1387605 | 5.732 | ng | | 95 |
| 83) Chrysene | 21.360 | 228 | 1387605 | 6.141 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.948 | 276 | 1085417 | 3.326 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.471 | 252 | 1730476 | 6.770 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.530 | 252 | 542706 | 2.151 | ng | # | 95 |
| 90) Benzo(a)pyrene | 24.295 | 252 | 1497330 | 6.004 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 29.024 | 276 | 1094765 | 4.184 | ng | | 97 |

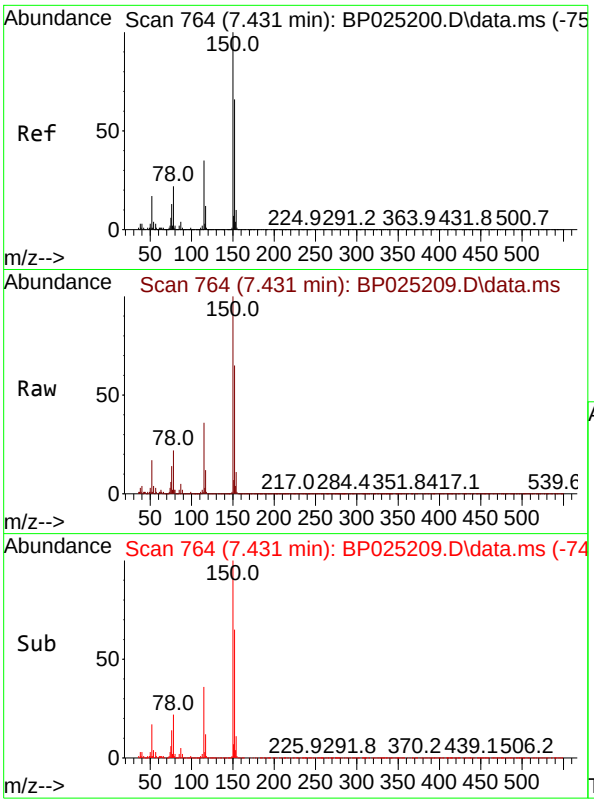
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025209.D
Acq On : 22 Jul 2025 11:10
Operator : CG/JU
Sample : Q2639-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Quant Time: Jul 22 11:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



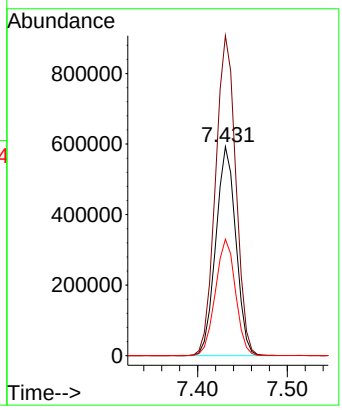


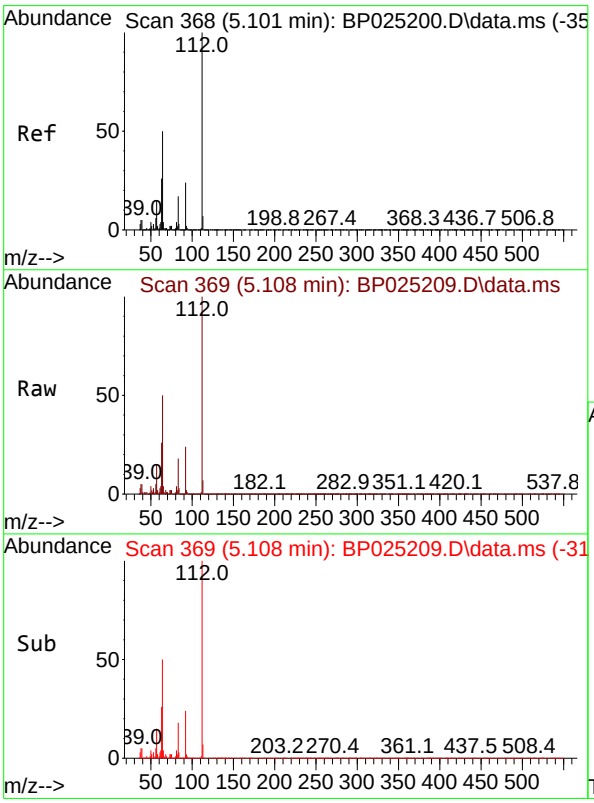

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:152 Resp: 920177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.1 | 121.9 | 182.9 |
| 115 | 55.7 | 43.0 | 64.6 |

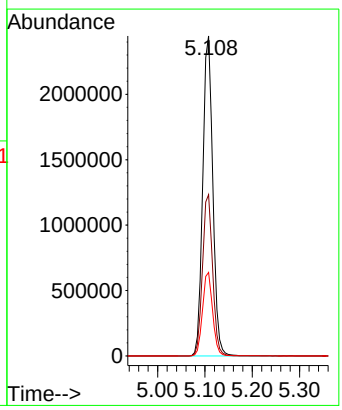


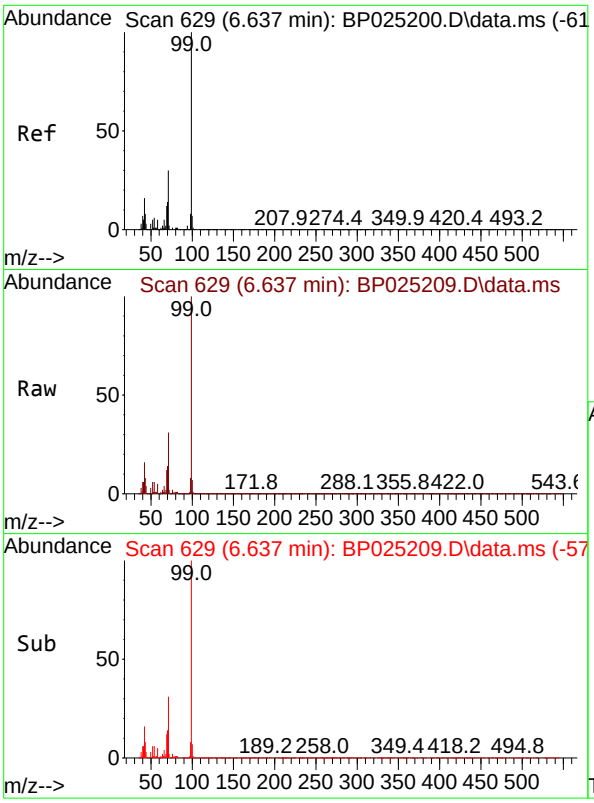




#5
2-Fluorophenol
Concen: 66.083 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:112 Resp: 3598852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.4 | 39.8 | 59.6 |
| 63 | 26.1 | 20.5 | 30.7 |



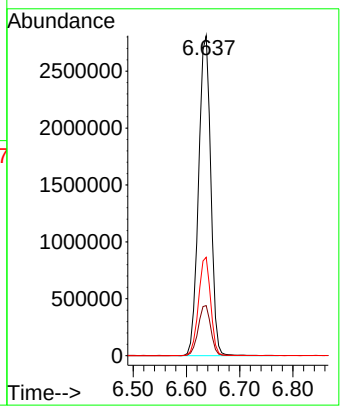


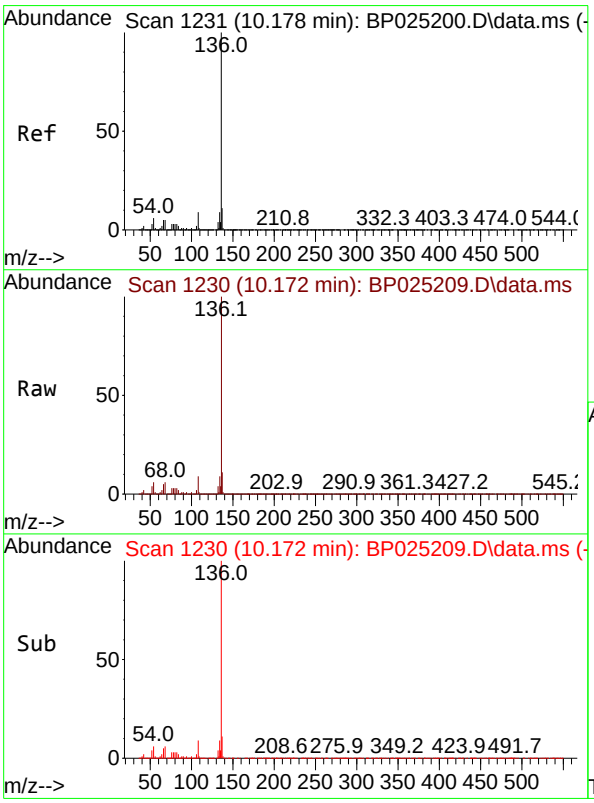

#7
Phenol-d6
Concen: 66.016 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion: 99 Resp: 4452832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 12.5 | 18.7 |
| 71 | 30.8 | 24.2 | 36.2 |

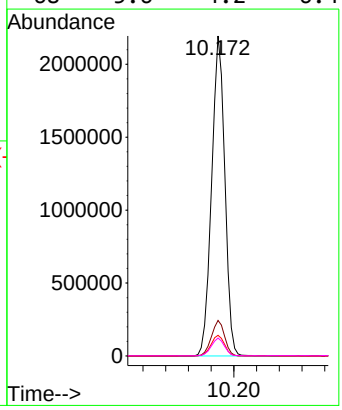


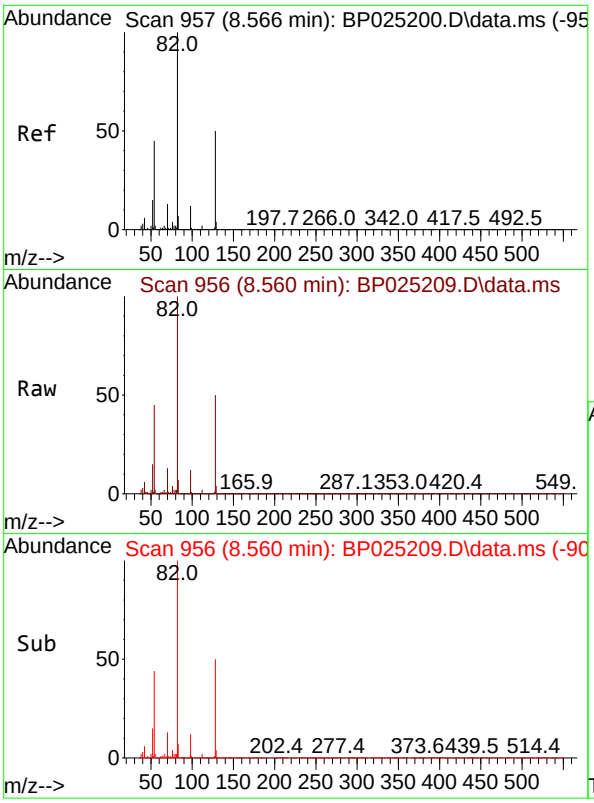




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:136 Resp: 3525504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |



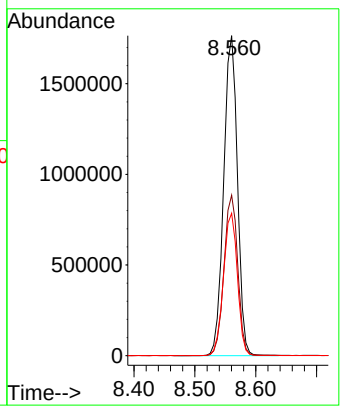


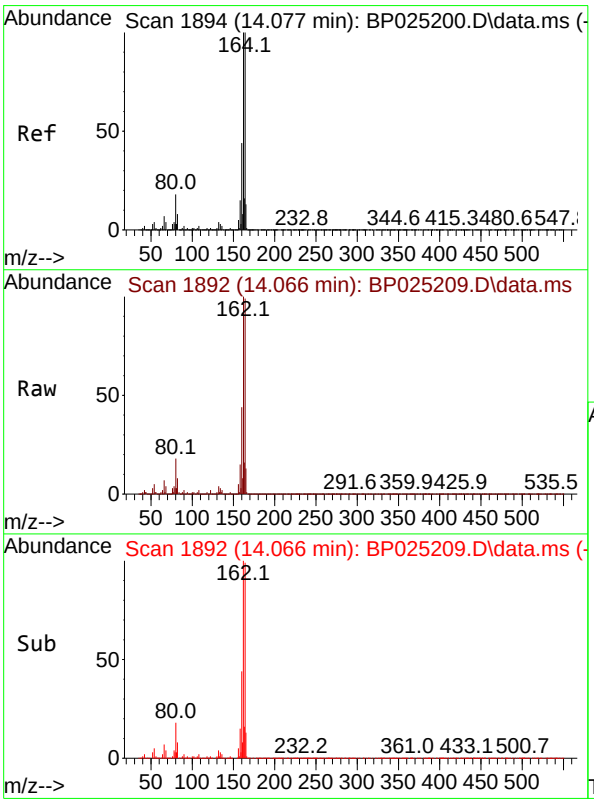

#23
Nitrobenzene-d5
Concen: 43.498 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion: 82 Resp: 2759468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.2 | 40.2 | 60.4 |
| 54 | 44.5 | 36.3 | 54.5 |

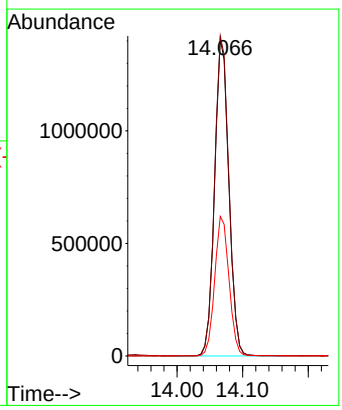


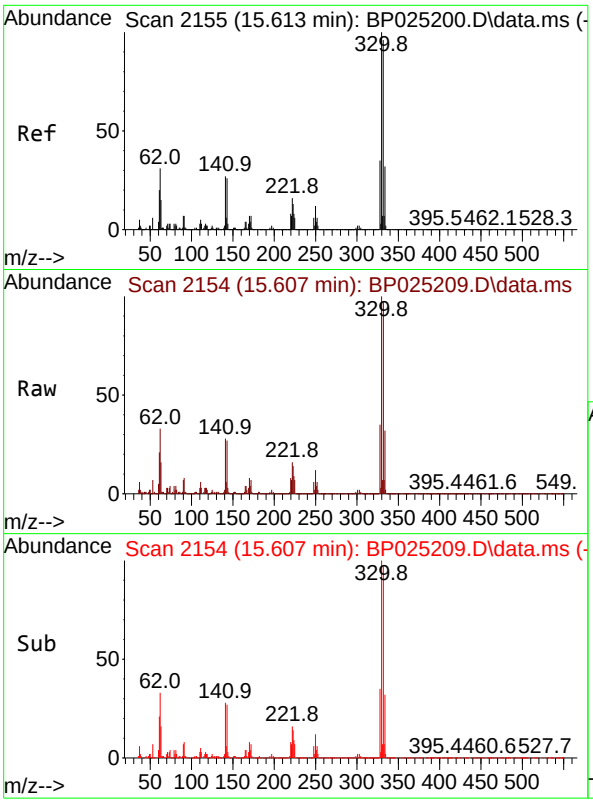




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:164 Resp: 2109533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 80.3 | 120.5 |
| 160 | 44.0 | 35.7 | 53.5 |



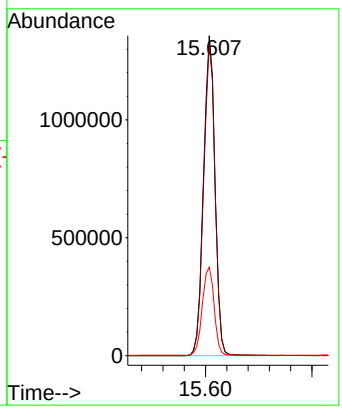


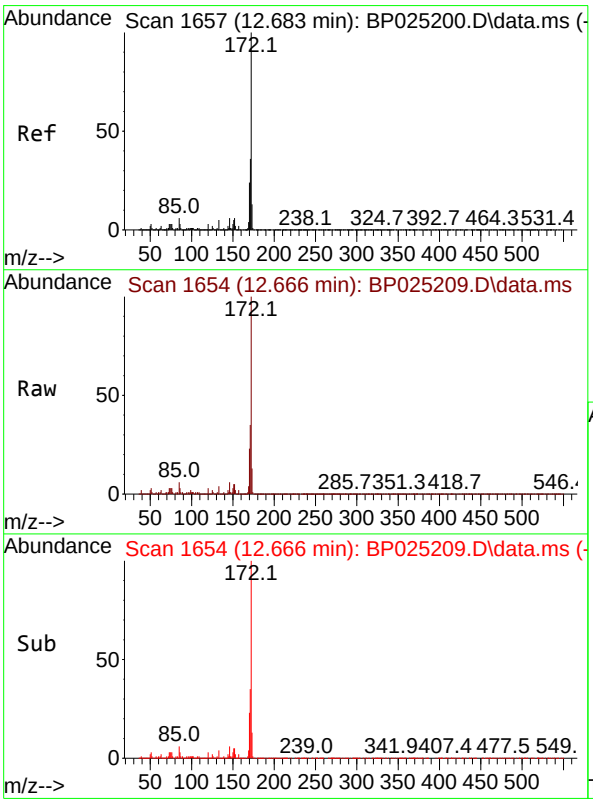

#42
2,4,6-Tribromophenol
Concen: 65.465 ng
RT: 15.607 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:330 Resp: 2035909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 77.1 | 115.7 |
| 141 | 28.2 | 22.4 | 33.6 |

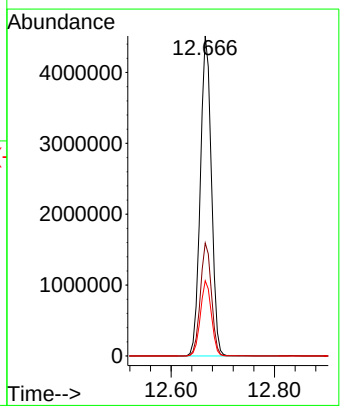


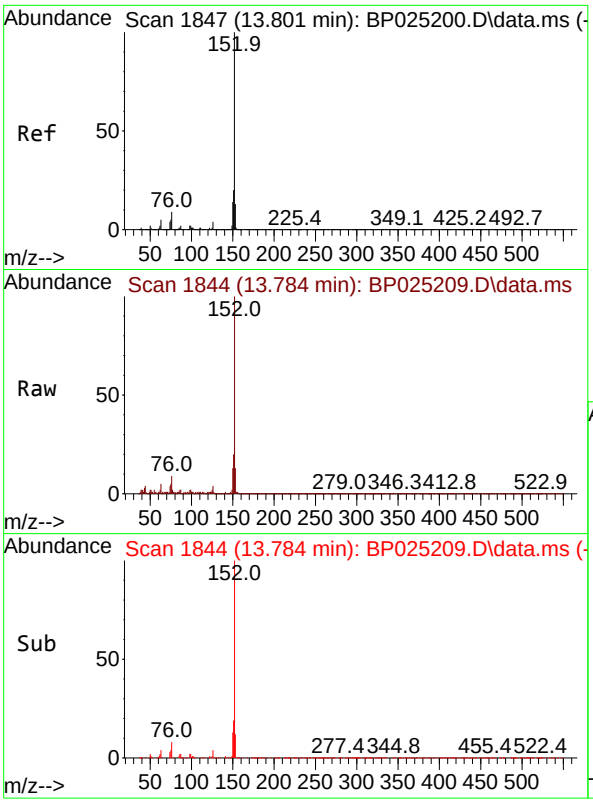




#45
2-Fluorobiphenyl
Concen: 44.910 ng
RT: 12.666 min Scan# 1654
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:172 Resp: 6720014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.8 | 43.2 |
| 170 | 23.5 | 19.2 | 28.8 |



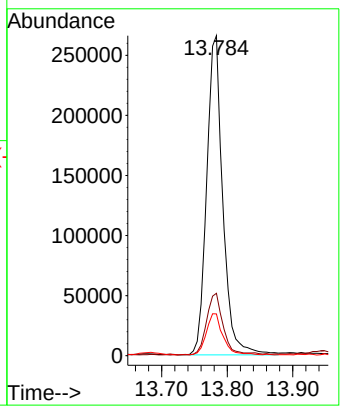


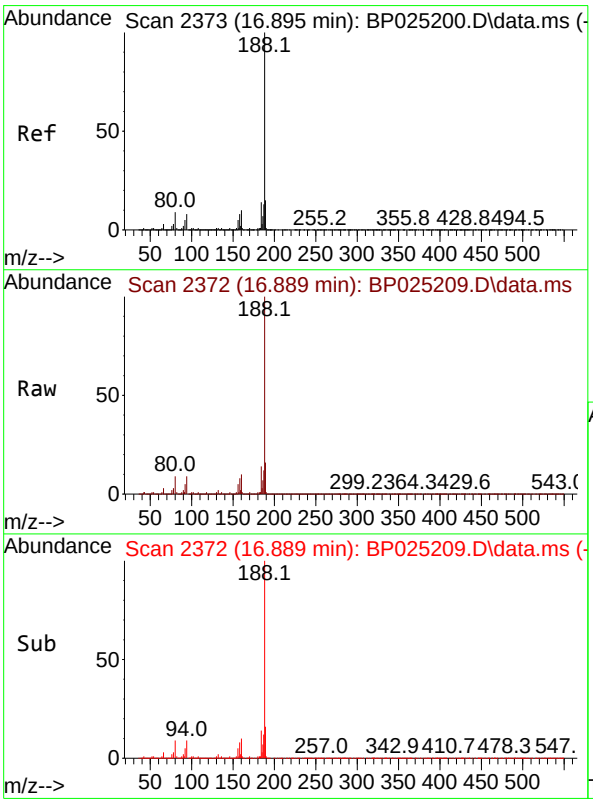

#49
Acenaphthylene
Concen: 2.356 ng
RT: 13.784 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:152 Resp: 454992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.2 | 24.2 |
| 153 | 13.1 | 10.6 | 15.8 |

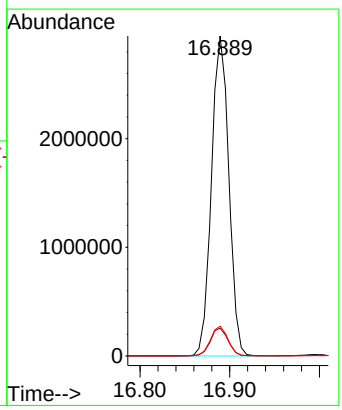


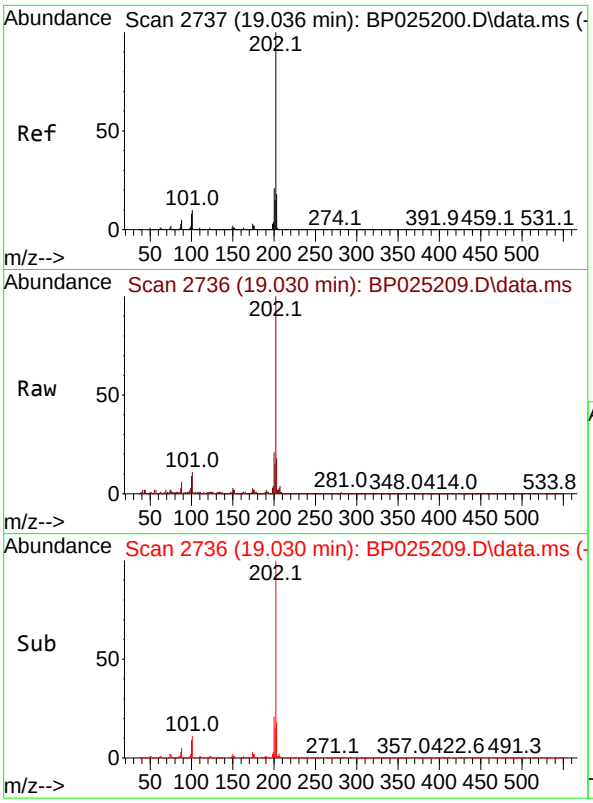




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:188 Resp: 3961378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.3 | 7.3 | 10.9 |



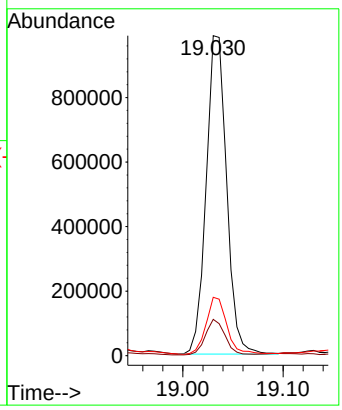


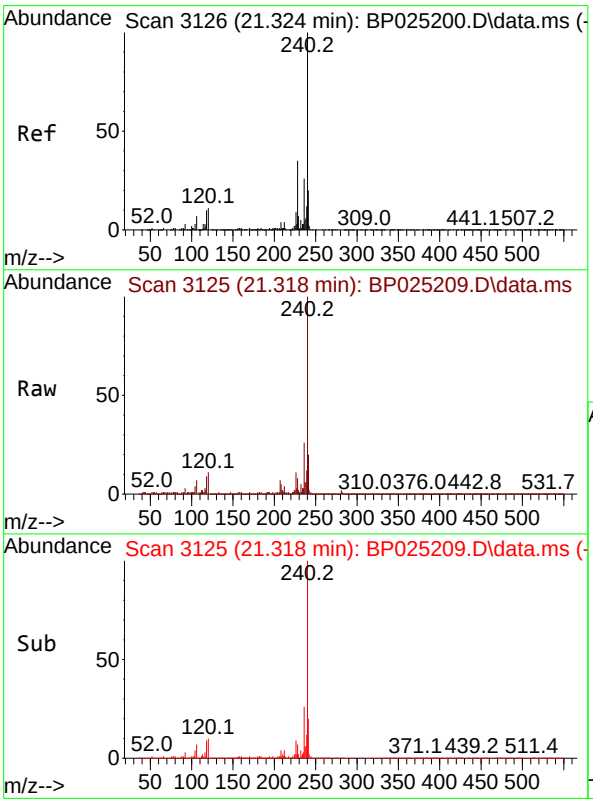

#75
Fluoranthene
Concen: 5.566 ng
RT: 19.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:202 Resp: 1399615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 30.3 |
| 203 | 18.3 | 0.0 | 38.0 |

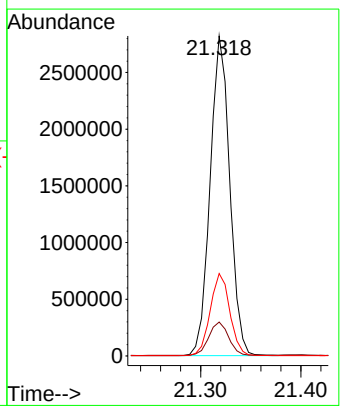


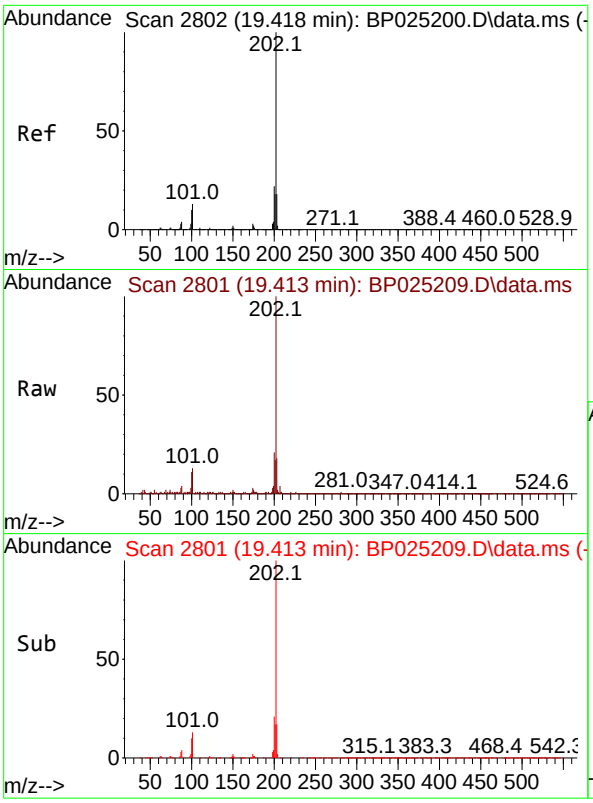




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:240 Resp: 3833110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 8.8 | 13.2 |
| 236 | 25.8 | 20.9 | 31.3 |



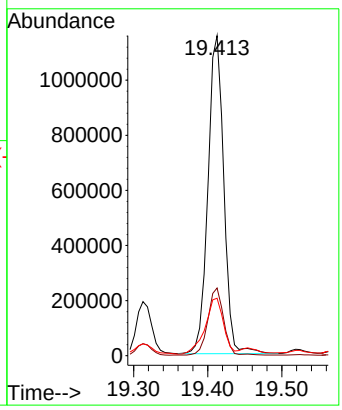


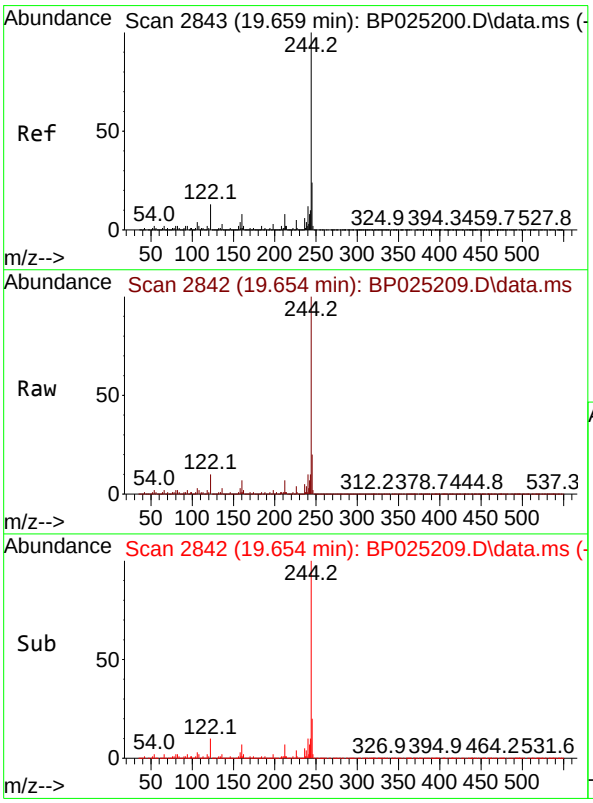

#78
Pyrene
Concen: 7.252 ng
RT: 19.413 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:202 Resp: 1713944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |

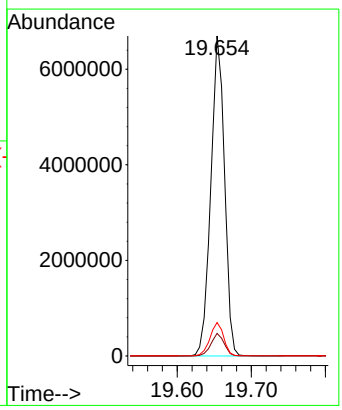


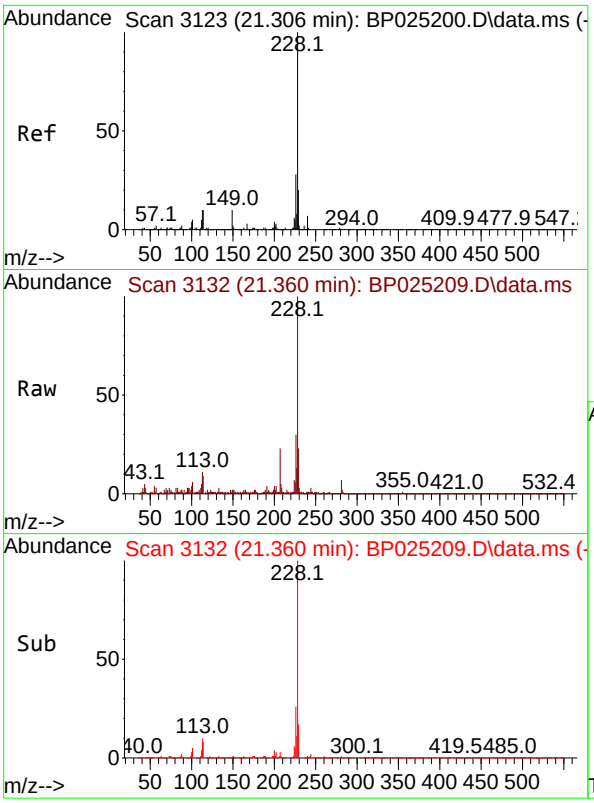




#79
Terphenyl-d14
Concen: 44.244 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:244 Resp: 8591140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.6 | 9.8 |
| 122 | 10.4 | 10.3 | 15.5 |



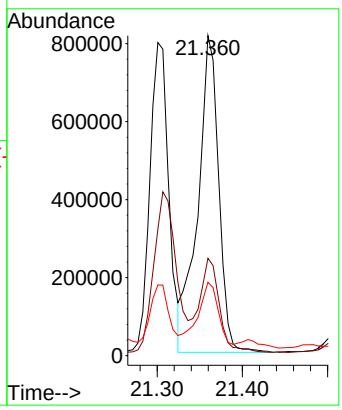


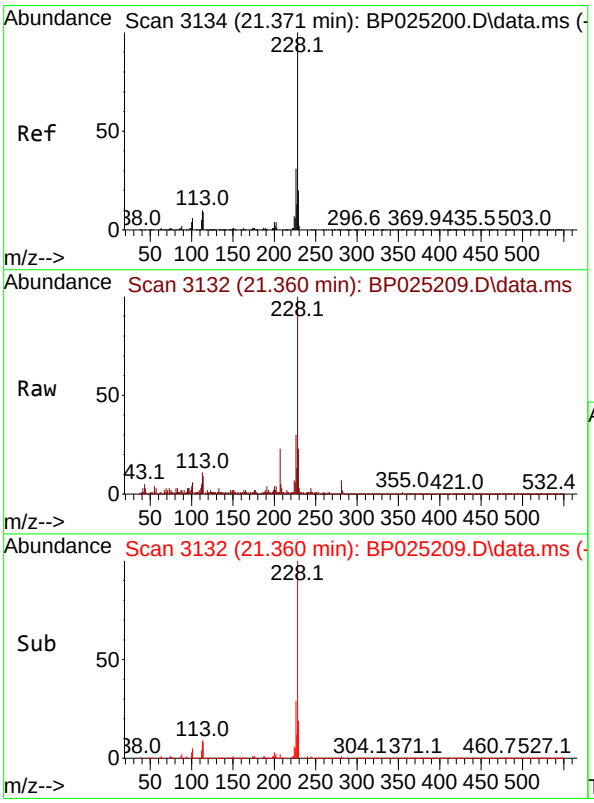

#81
Benzo(a)anthracene
Concen: 5.732 ng
RT: 21.360 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:228 Resp: 1387605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 22.3 | 33.5 |
| 229 | 23.0 | 16.2 | 24.2 |

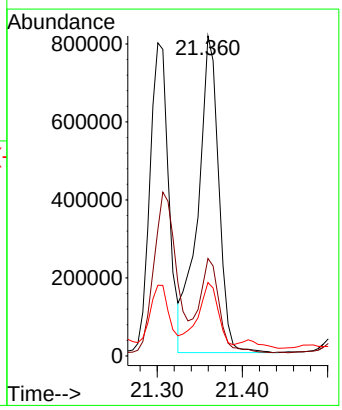


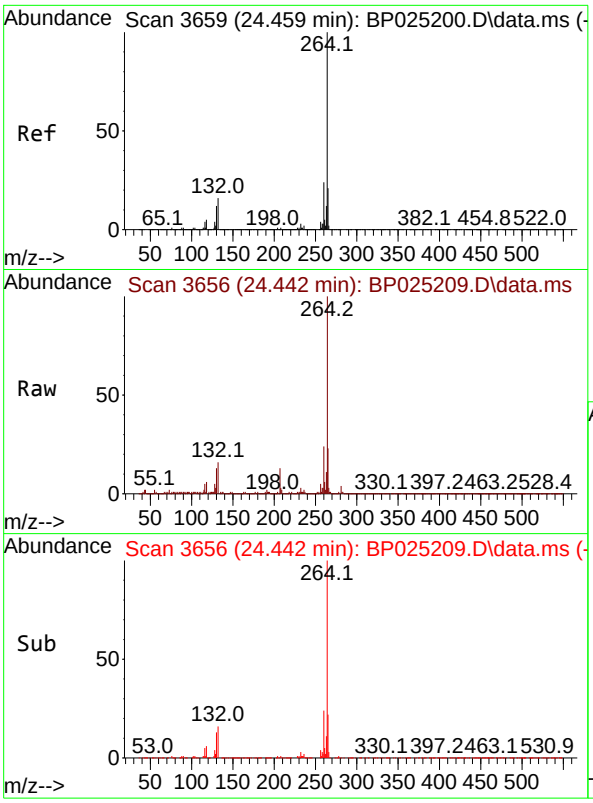




#83
Chrysene
Concen: 6.141 ng
RT: 21.360 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:228 Resp: 1387605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.6 | 37.0 |
| 229 | 23.0 | 16.0 | 24.0 |



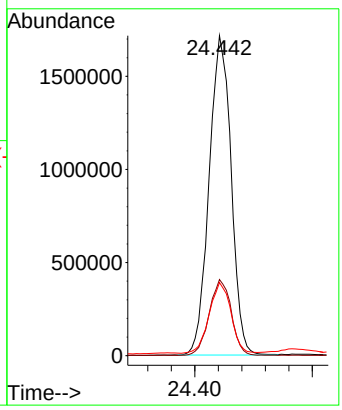


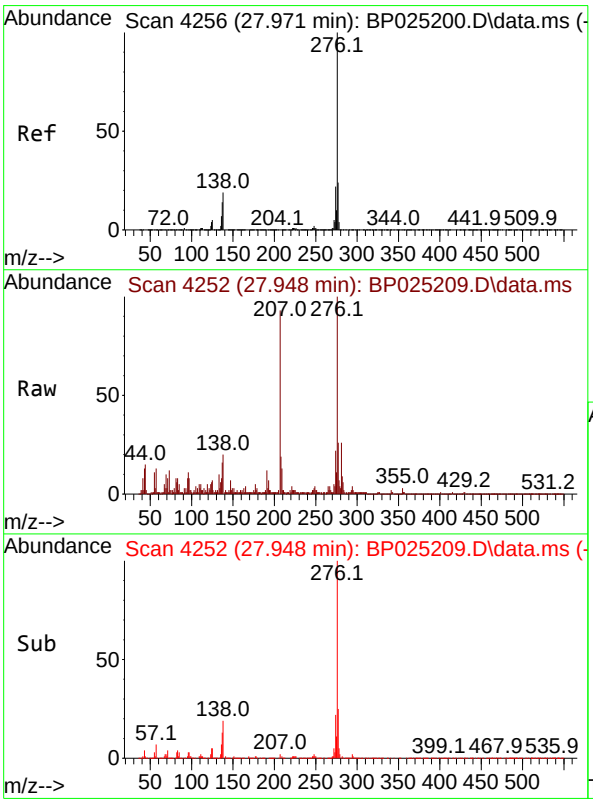

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:264 Resp: 4465382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.6 |
| 265 | 22.9 | 17.5 | 26.3 |

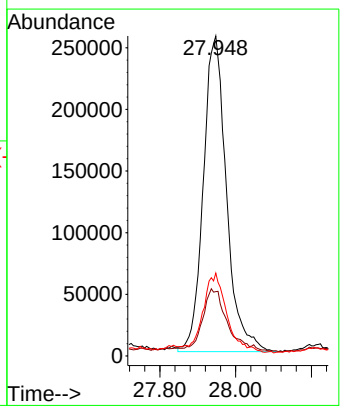


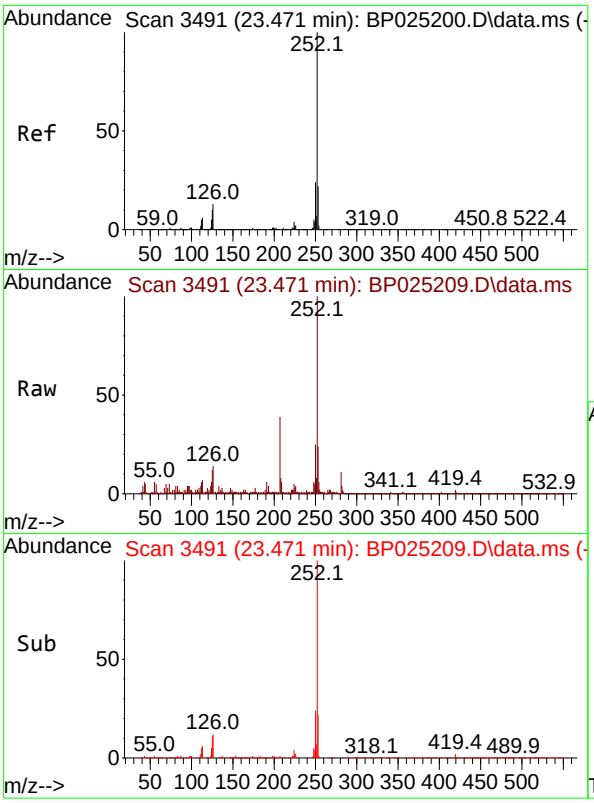




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.326 ng
RT: 27.948 min Scan# 4252
Delta R.T. -0.023 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1085417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.9 | 12.8 | 19.2# |
| 277 | 25.1 | 20.3 | 30.5 |



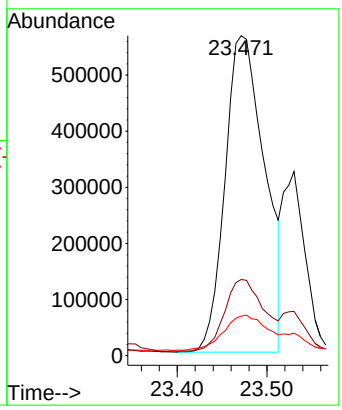


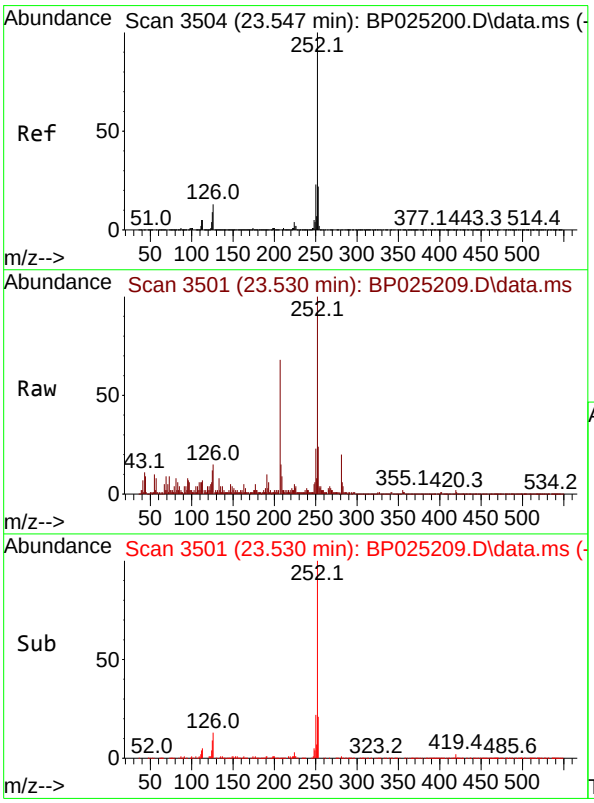

#88
Benzo(b)fluoranthene
Concen: 6.770 ng
RT: 23.471 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:252 Resp: 1730476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.4 | 7.8 | 11.8# |

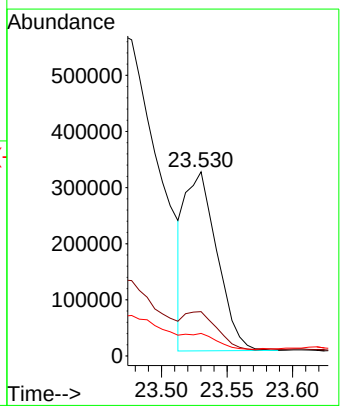


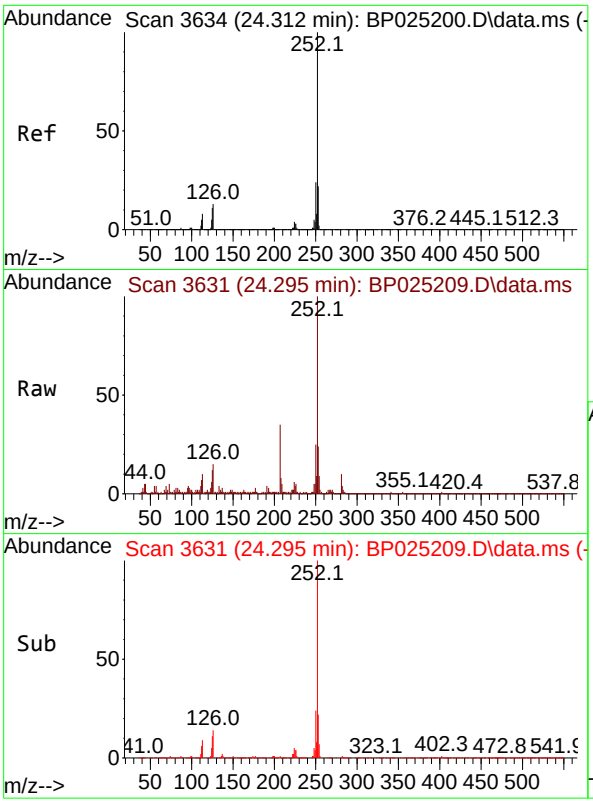




#89
Benzo(k)fluoranthene
Concen: 2.151 ng
RT: 23.530 min Scan# 3501
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:252 Resp: 542706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 17.8 | 26.6 |
| 125 | 12.2 | 7.5 | 11.3# |



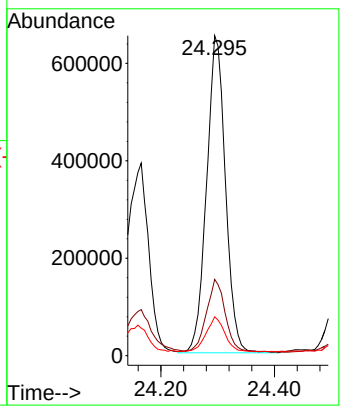


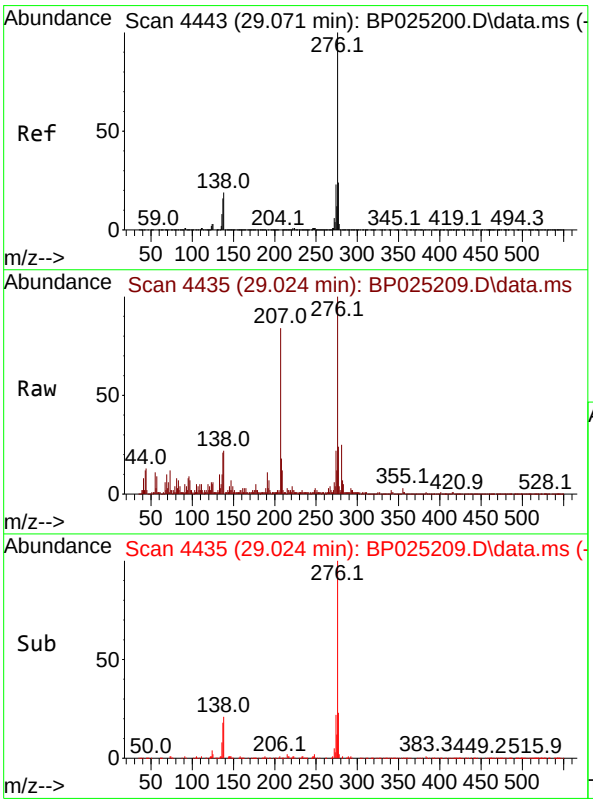

#90
Benzo(a)pyrene
Concen: 6.004 ng
RT: 24.295 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-39-071725

Tgt Ion:252 Resp: 1497330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.8 | 26.6 |
| 125 | 12.2 | 8.6 | 12.8 |

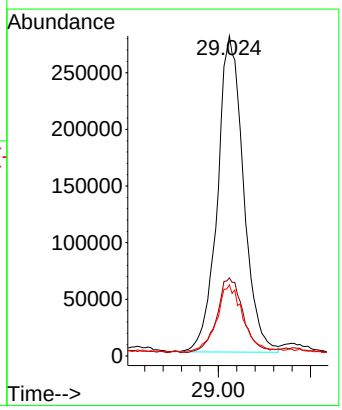



#92
Benzo(g,h,i)perylene
Concen: 4.184 ng
RT: 29.024 min Scan# 4435
Delta R.T. -0.047 min
Lab File: BP025209.D
Acq: 22 Jul 2025 11:10

Tgt Ion:276 Resp: 1094765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.2 | 28.8 |
| 138 | 22.2 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

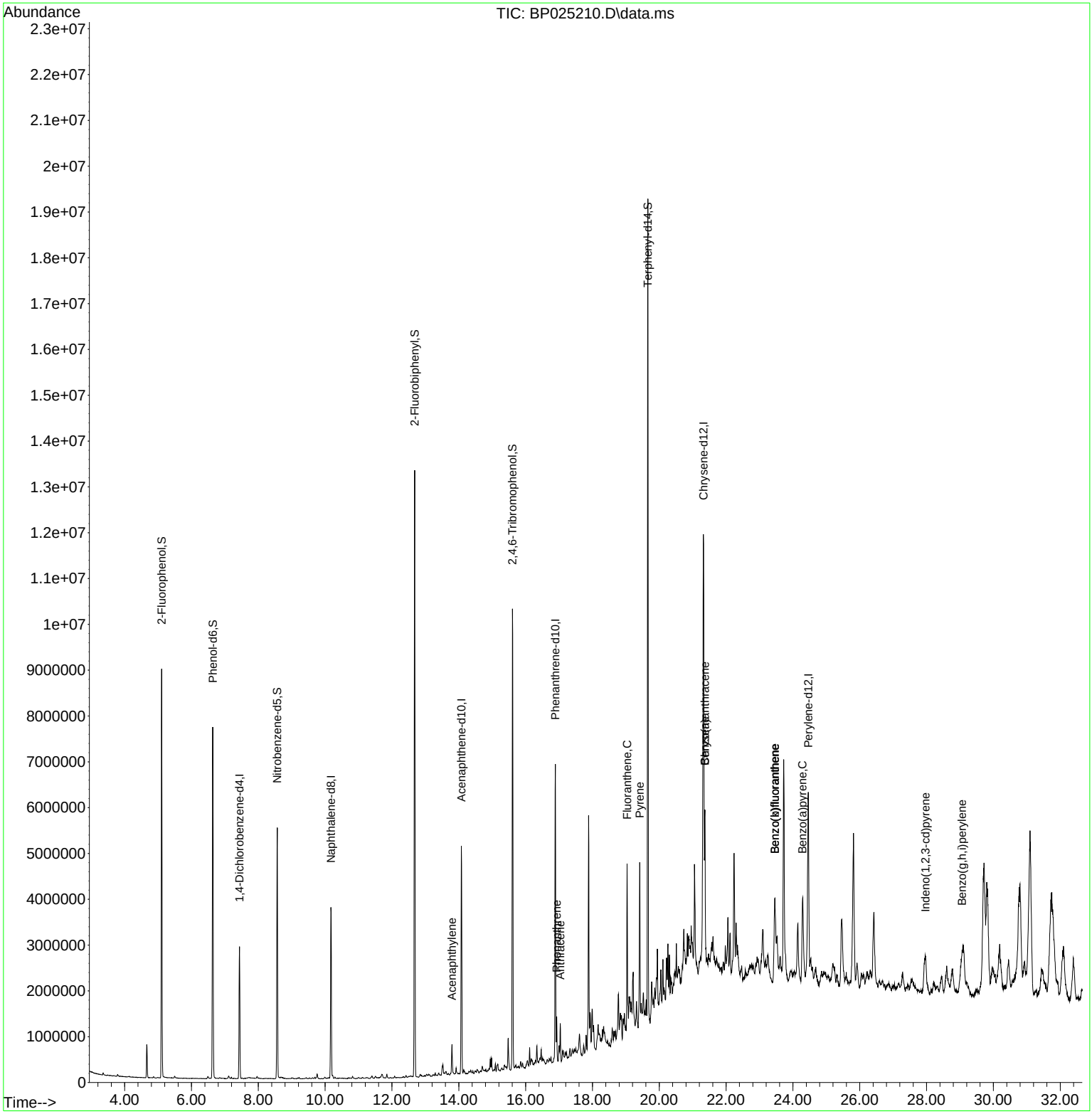
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 870169 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 3344284 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1975954 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 3638856 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.324 | 240 | 3558679 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.460 | 264 | 4138303 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 3955332 | 76.802 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 4880822 | 76.520 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 3022658 | 50.229 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.607 | 330 | 2274627 | 78.086 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7321746 | 52.240 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 9342690 | 51.825 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.795 | 152 | 540510 | 2.988 | ng | | 100 |
| 71) Phenanthrene | 16.931 | 178 | 620121 | 3.160 | ng | | 100 |
| 72) Anthracene | 17.036 | 178 | 420458 | 2.127 | ng | | 98 |
| 75) Fluoranthene | 19.036 | 202 | 1872149 | 8.105 | ng | | 99 |
| 78) Pyrene | 19.413 | 202 | 2367877 | 10.791 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.366 | 228 | 1784185 | 7.939 | ng | | 94 |
| 83) Chrysene | 21.366 | 228 | 1784185 | 8.505 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.971 | 276 | 1259500 | 4.165 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.460 | 252 | 2032653 | 8.581 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.460 | 252 | 2032653 | 8.692 | ng | # | 95 |
| 90) Benzo(a)pyrene | 24.289 | 252 | 1794768 | 7.766 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.059 | 276 | 1256583 | 5.182 | ng | | 96 |

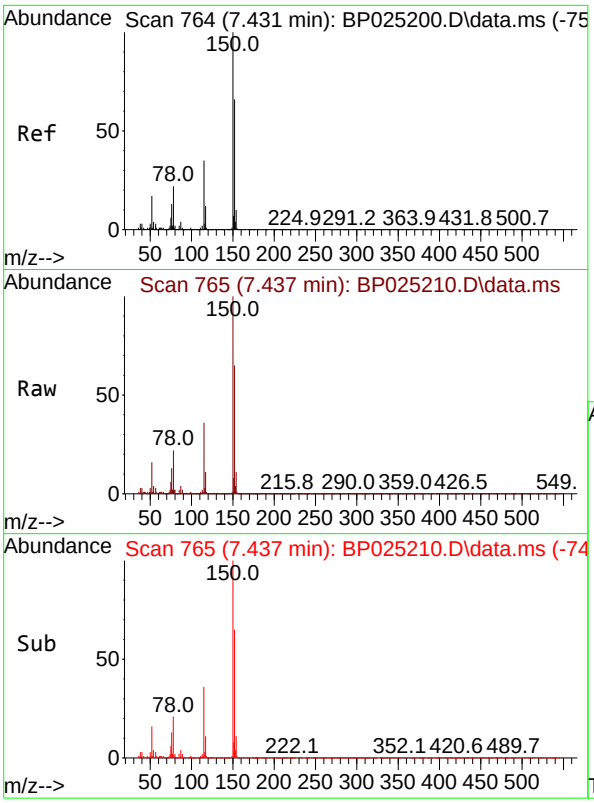
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025210.D
Acq On : 22 Jul 2025 11:51
Operator : CG/JU
Sample : Q2639-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Quant Time: Jul 22 12:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



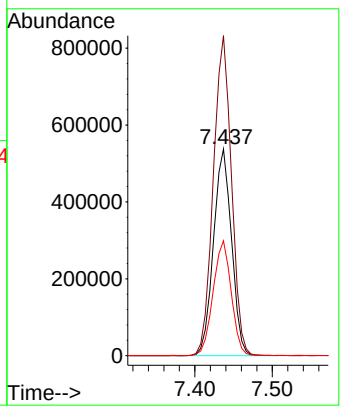


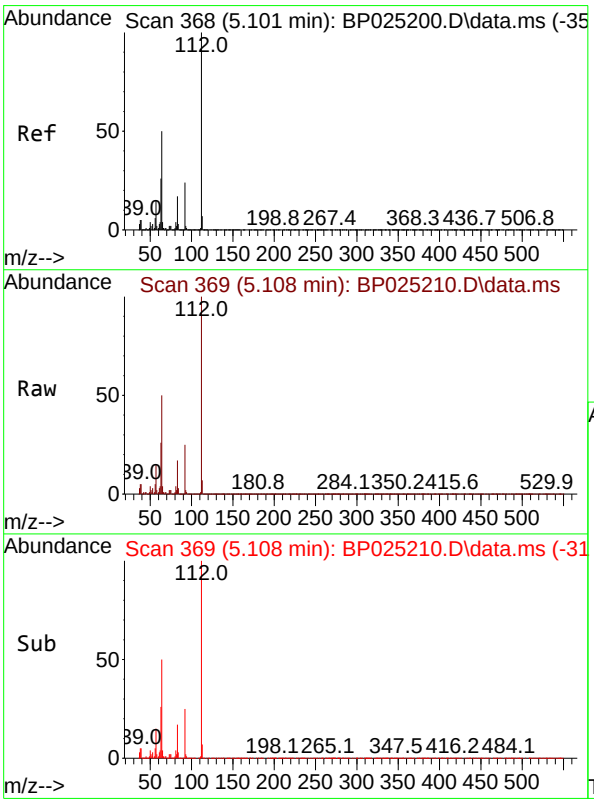

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:152 Resp: 870169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.8 | 121.9 | 182.9 |
| 115 | 55.6 | 43.0 | 64.6 |

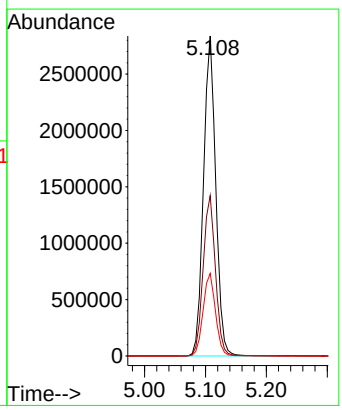


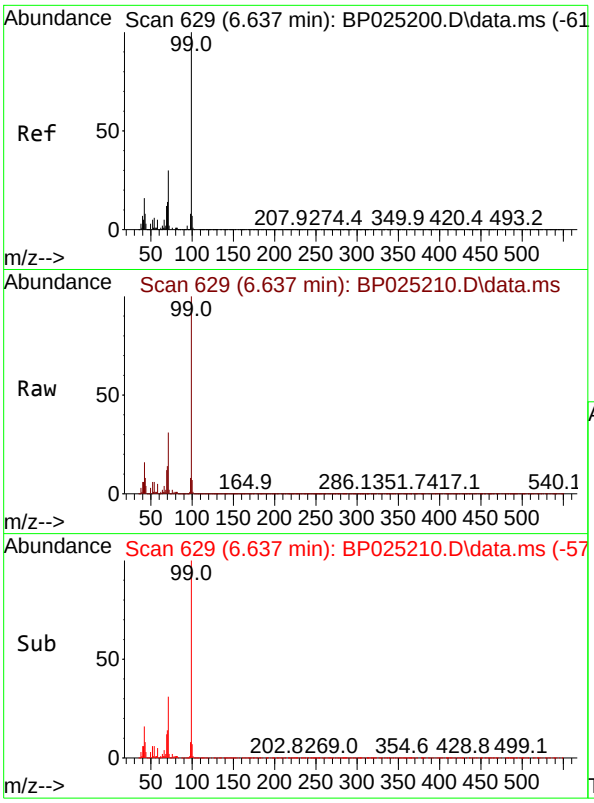




#5
2-Fluorophenol
Concen: 76.802 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:112 Resp: 3955332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.1 | 39.8 | 59.6 |
| 63 | 25.8 | 20.5 | 30.7 |



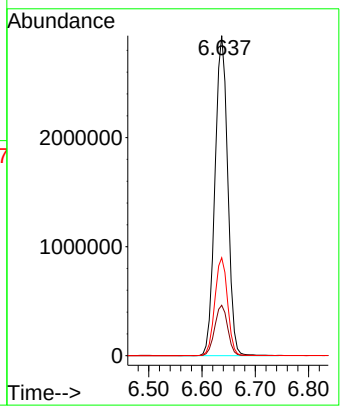


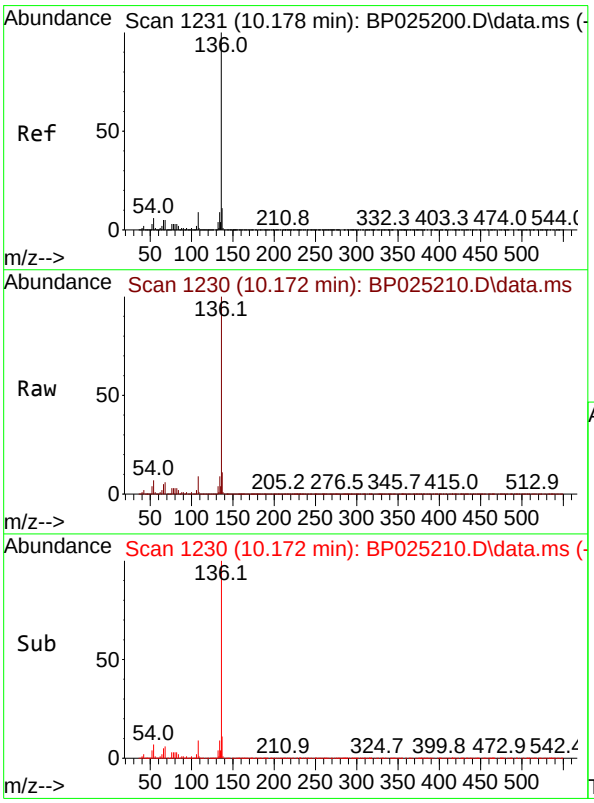

#7
Phenol-d6
Concen: 76.520 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion: 99 Resp: 4880822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |

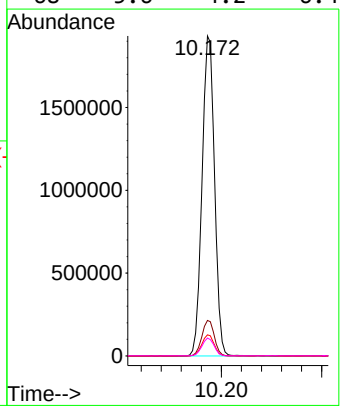


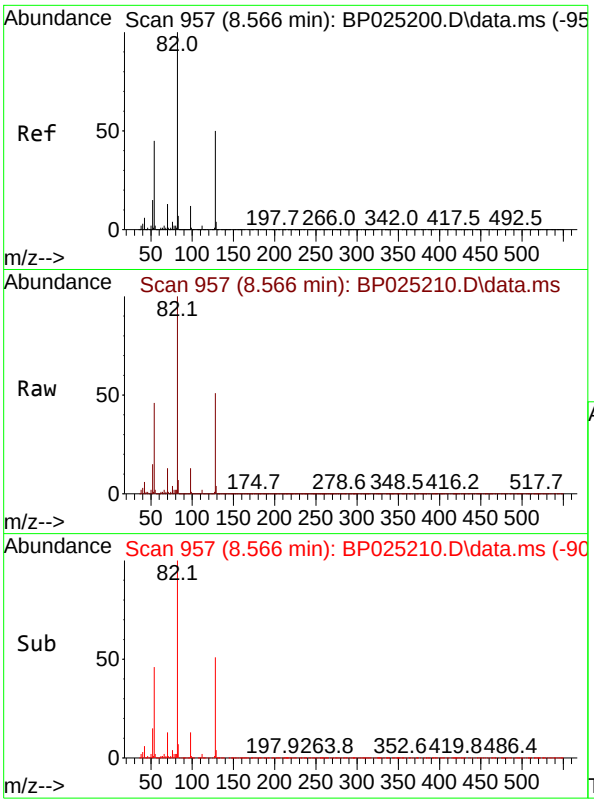




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:136 Resp: 3344284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.6 | 5.1 | 7.7 |
| 68 | 5.6 | 4.2 | 6.4 |



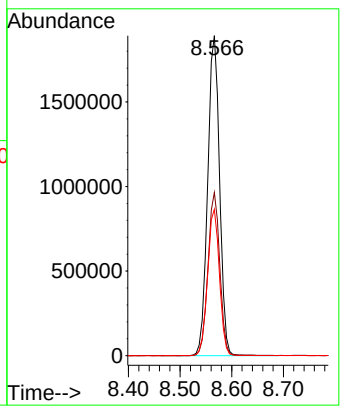


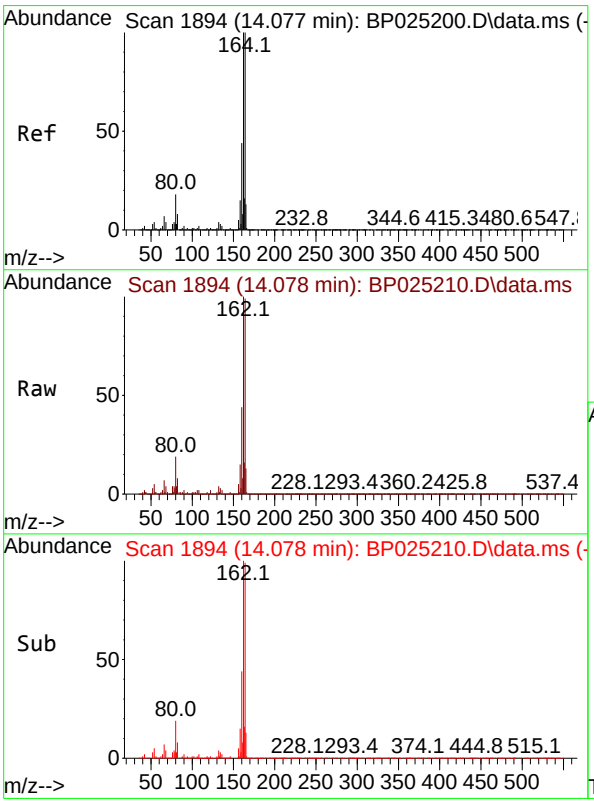

#23
Nitrobenzene-d5
Concen: 50.229 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion: 82 Resp: 3022658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.0 | 40.2 | 60.4 |
| 54 | 45.8 | 36.3 | 54.5 |

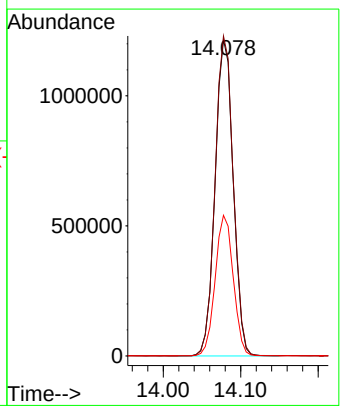


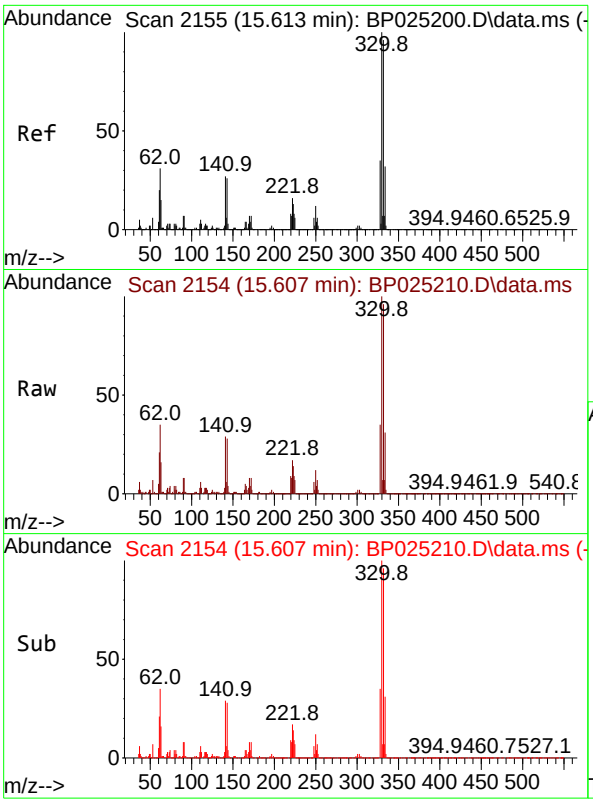




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:164 Resp: 1975954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.3 | 120.5 |
| 160 | 44.4 | 35.7 | 53.5 |



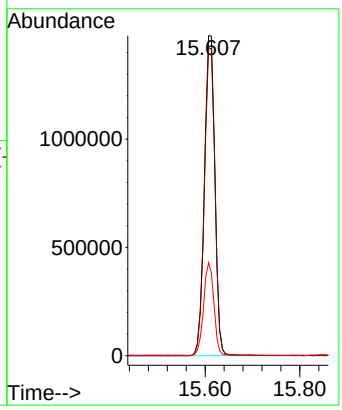


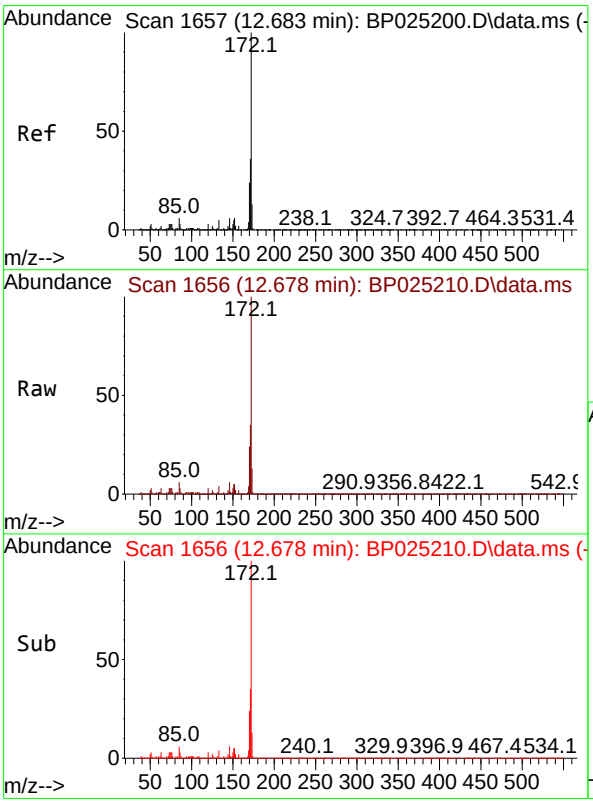

#42
2,4,6-Tribromophenol
Concen: 78.086 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:330 Resp: 2274627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 28.2 | 22.4 | 33.6 |

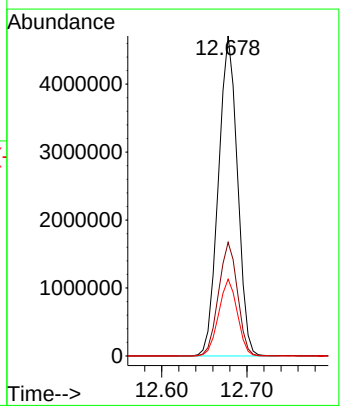


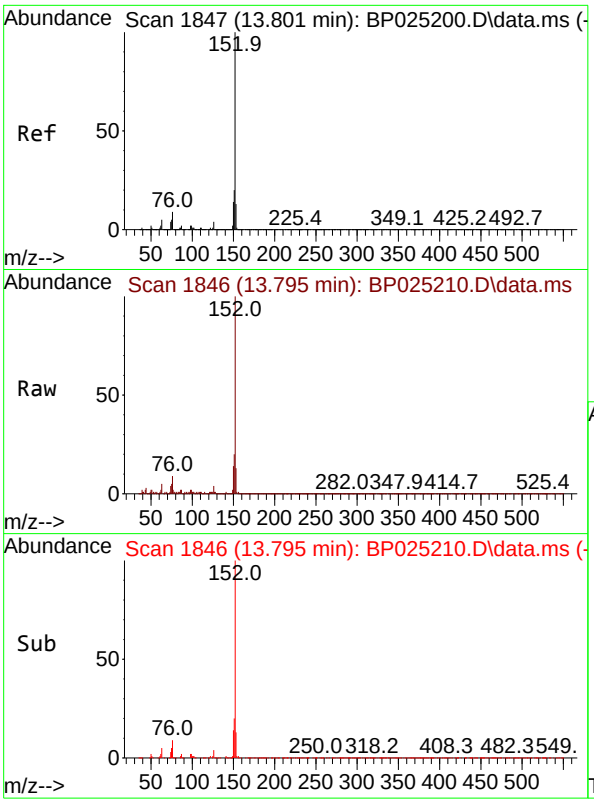




#45
2-Fluorobiphenyl
Concen: 52.240 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:172 Resp: 7321746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.8 | 43.2 |
| 170 | 24.0 | 19.2 | 28.8 |



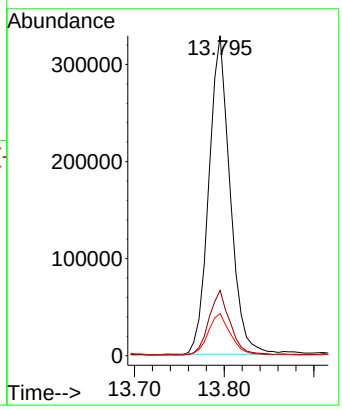


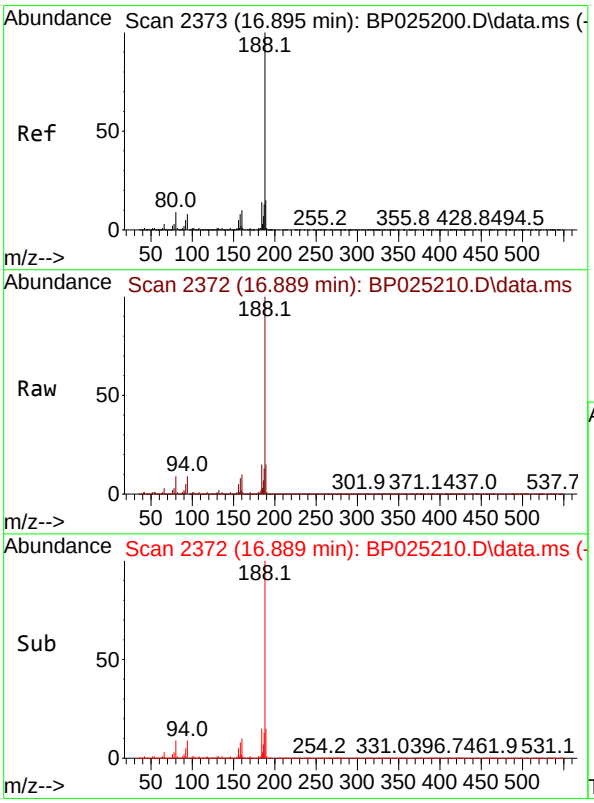

#49
Acenaphthylene
Concen: 2.988 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:152 Resp: 540510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.2 | 24.2 |
| 153 | 13.2 | 10.6 | 15.8 |

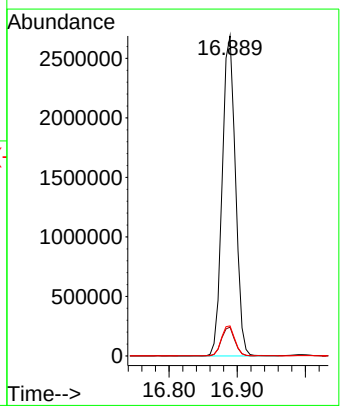


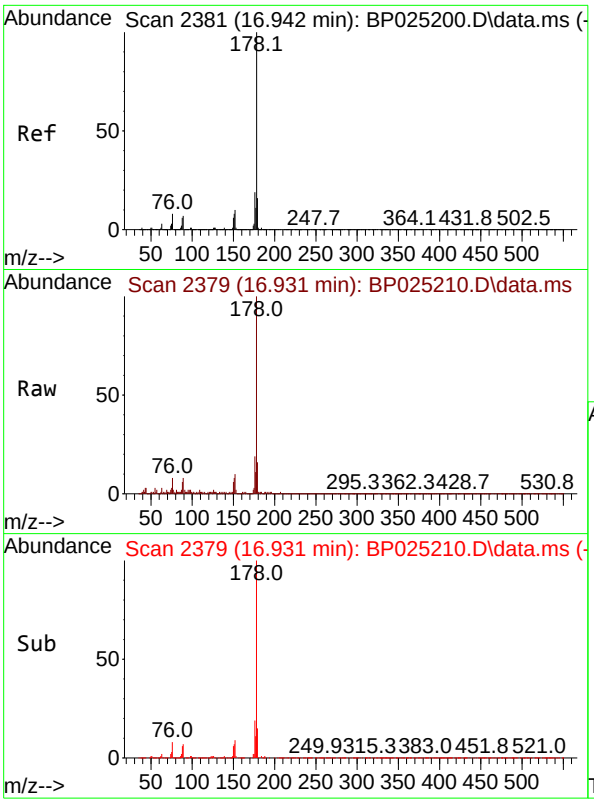




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:188 Resp: 3638856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 6.8 | 10.2 |
| 80 | 9.4 | 7.3 | 10.9 |



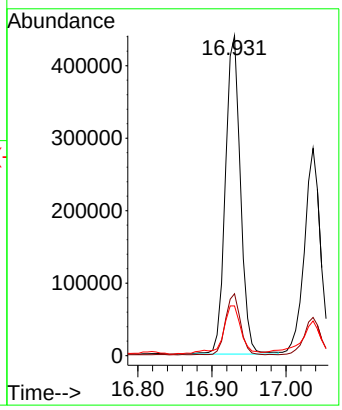


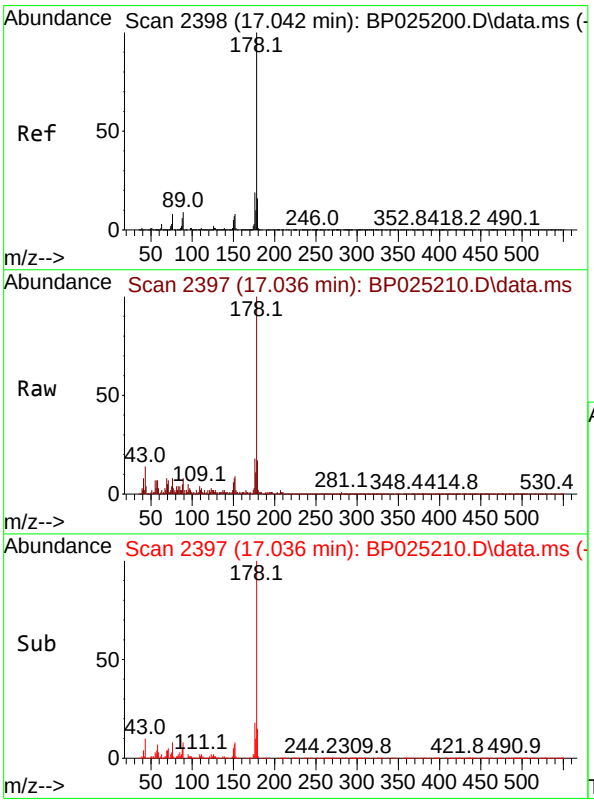

#71
Phenanthrene
Concen: 3.160 ng
RT: 16.931 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:178 Resp: 620121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.5 | 12.5 | 18.7 |

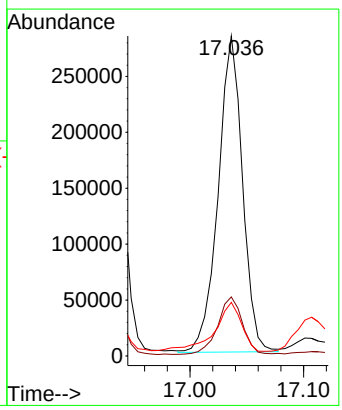


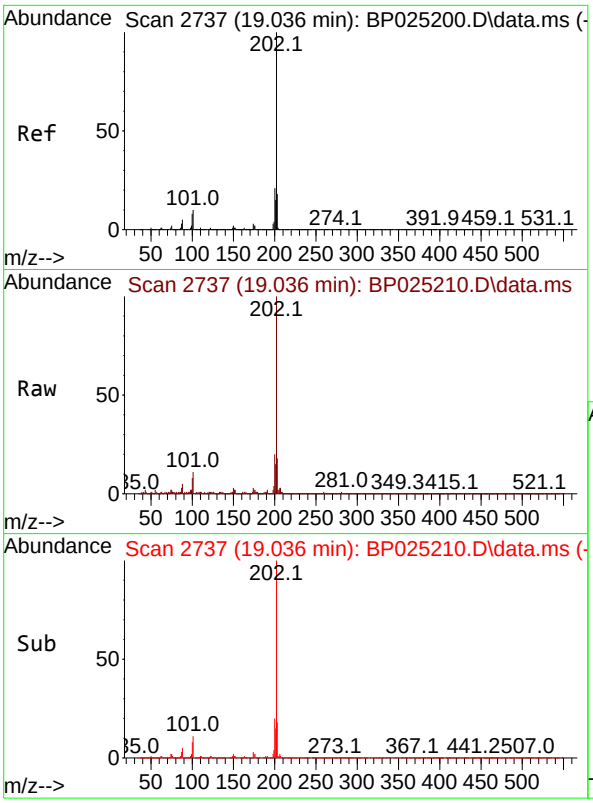




#72
Anthracene
Concen: 2.127 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:178 Resp: 420458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 16.8 | 12.5 | 18.7 |



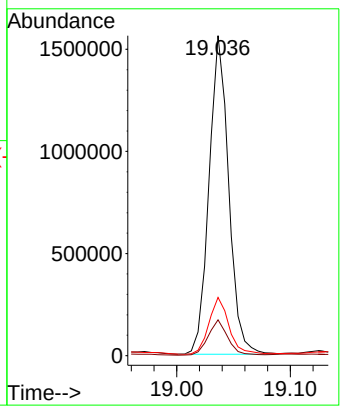


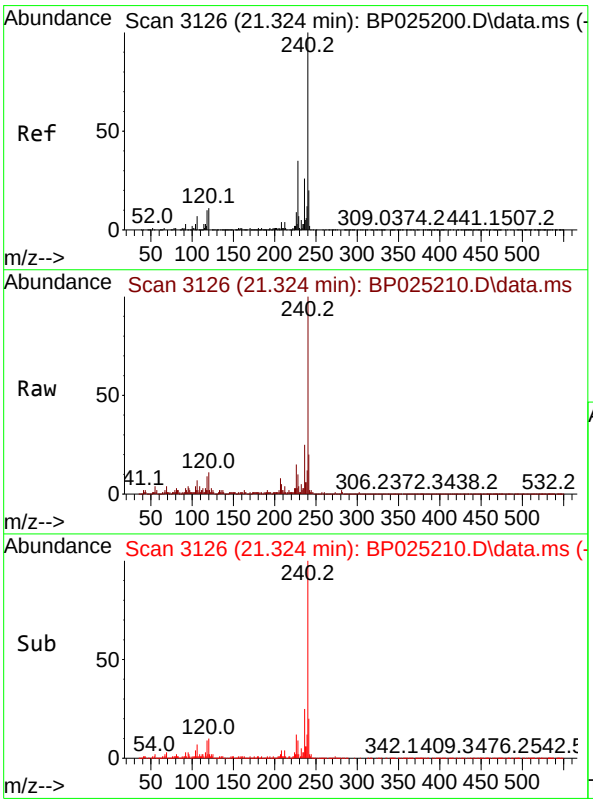

#75
Fluoranthene
Concen: 8.105 ng
RT: 19.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:202 Resp: 1872149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.2 | 0.0 | 38.0 |

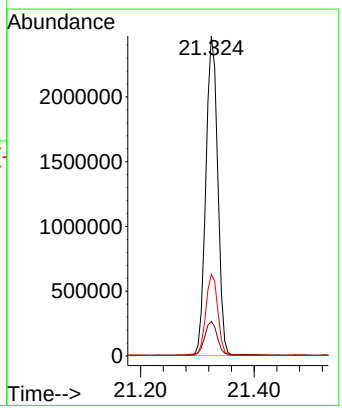


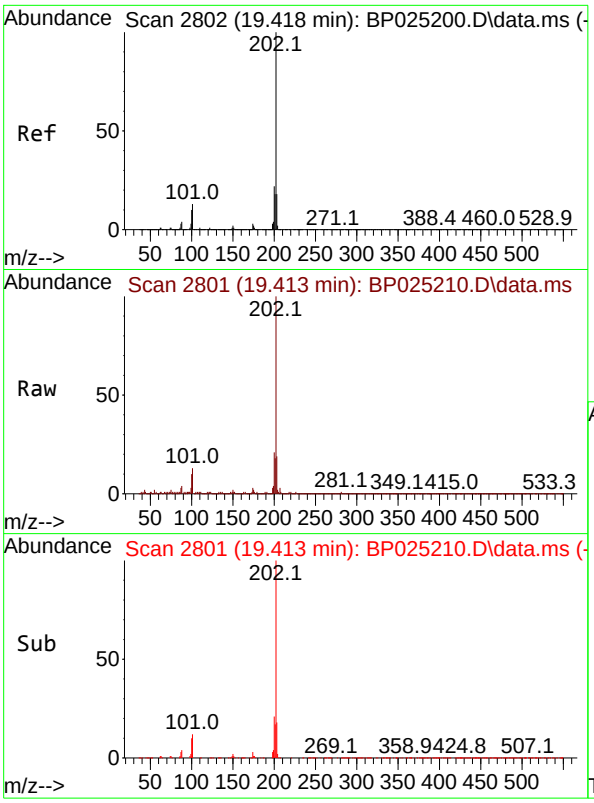




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:240 Resp: 3558679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.8 | 13.2 |
| 236 | 25.5 | 20.9 | 31.3 |



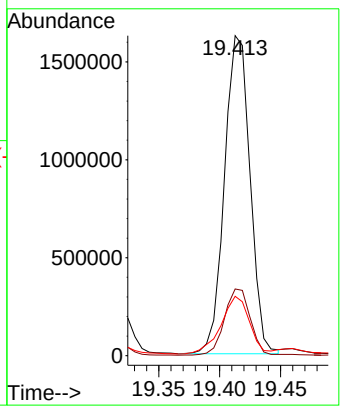


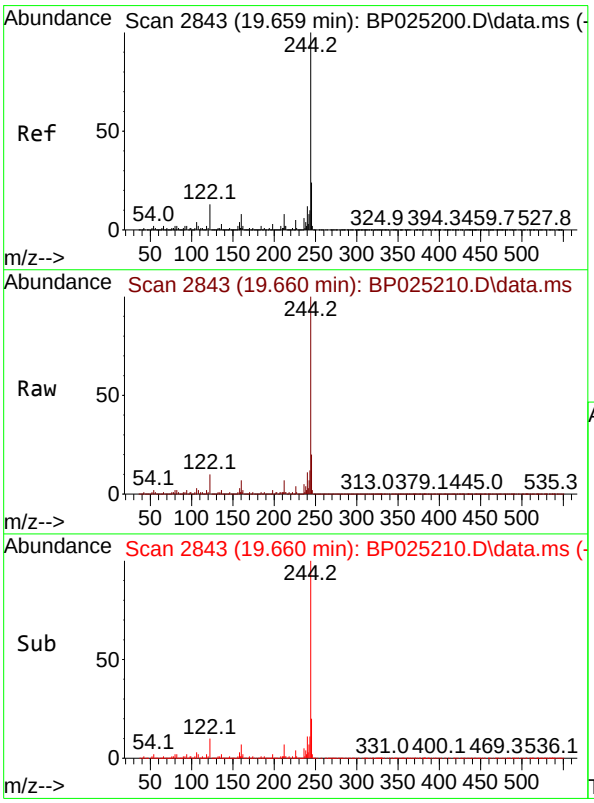

#78
Pyrene
Concen: 10.791 ng
RT: 19.413 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:202 Resp: 2367877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.4 | 26.2 |
| 203 | 18.5 | 14.3 | 21.5 |

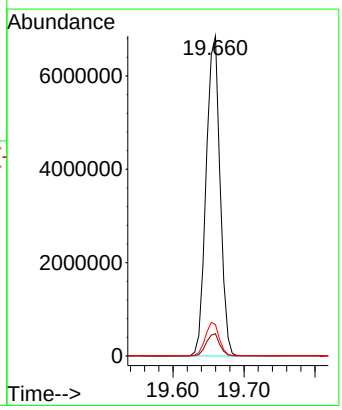


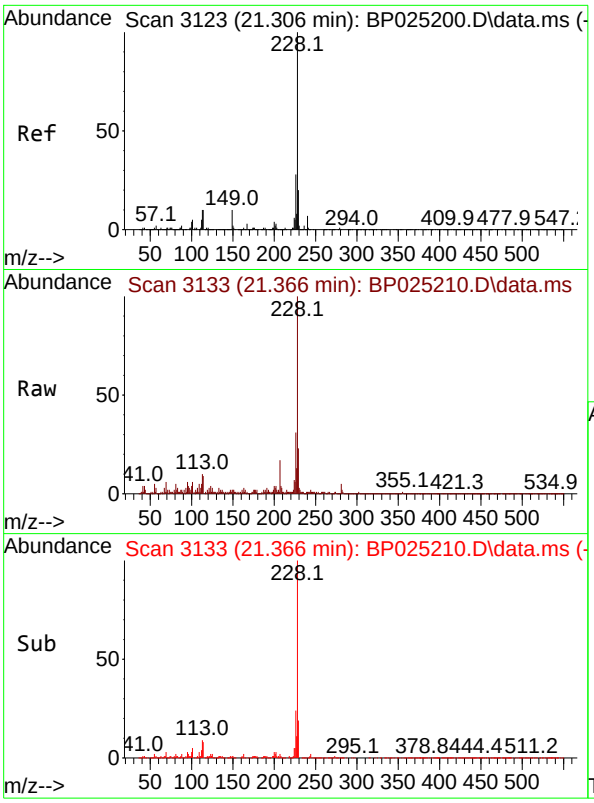




#79
Terphenyl-d14
Concen: 51.825 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:244 Resp: 9342690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.6 | 9.8 |
| 122 | 9.8 | 10.3 | 15.5# |



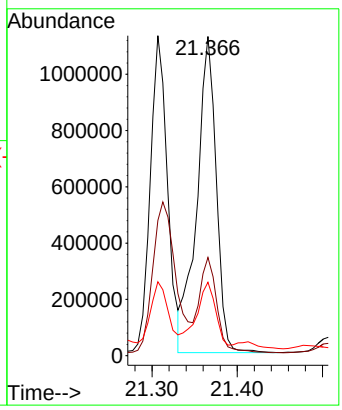


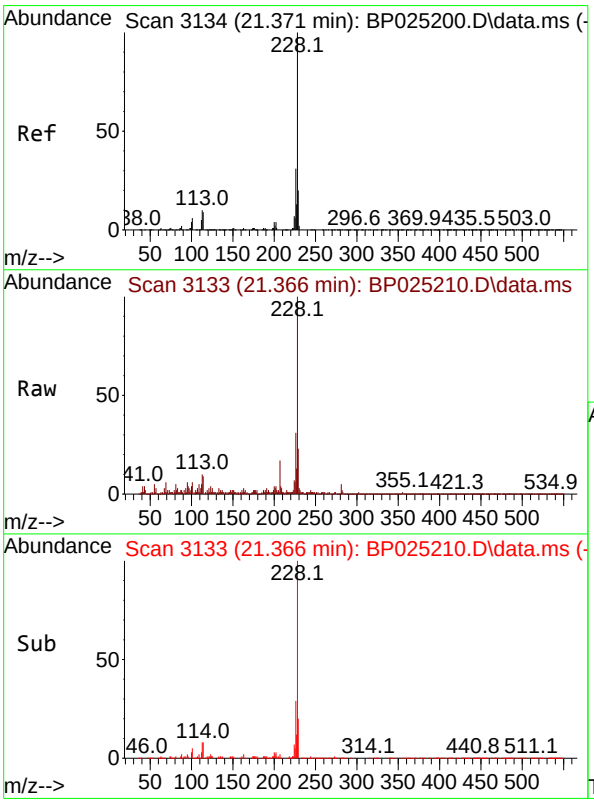

#81
Benzo(a)anthracene
Concen: 7.939 ng
RT: 21.366 min Scan# 3
Delta R.T. 0.059 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:228 Resp: 1784185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 22.3 | 33.5 |
| 229 | 23.0 | 16.2 | 24.2 |

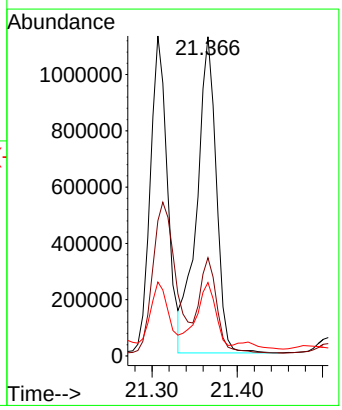


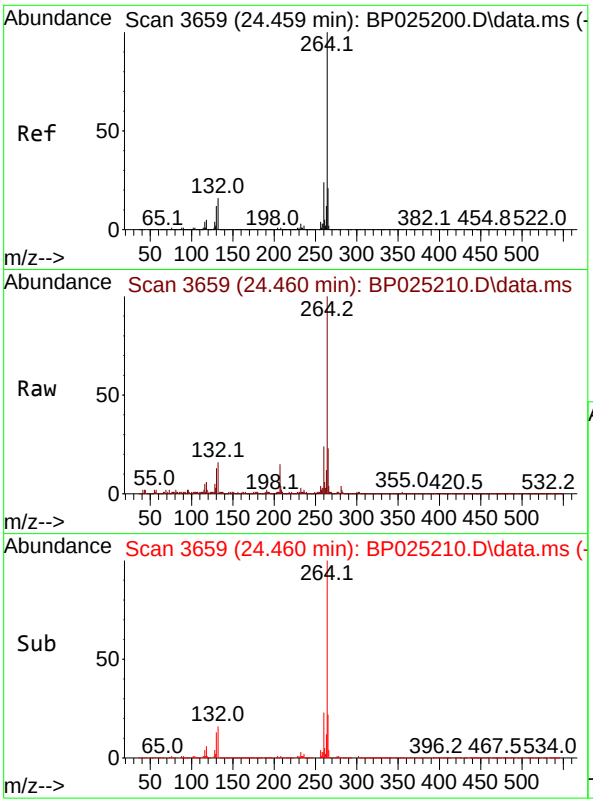




#83
Chrysene
Concen: 8.505 ng
RT: 21.366 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:228 Resp: 1784185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 23.0 | 16.0 | 24.0 |



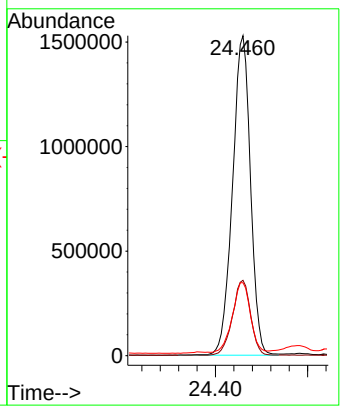


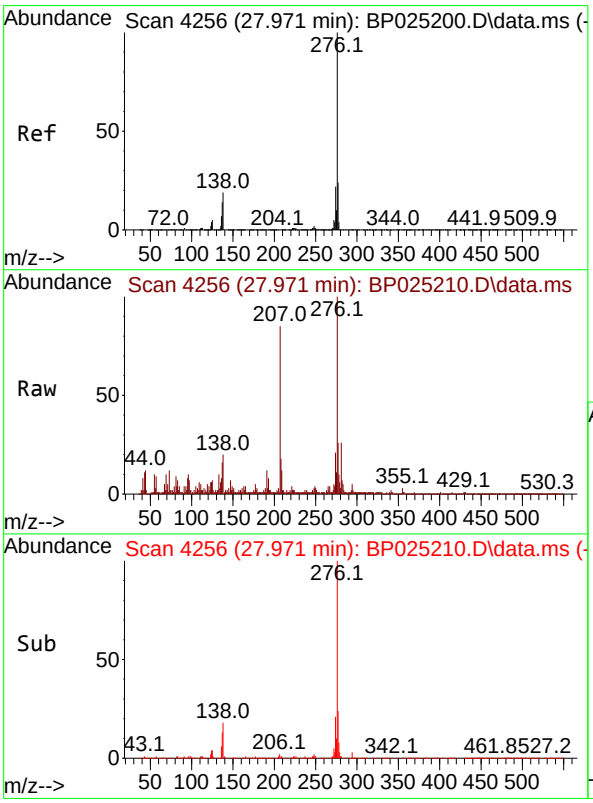

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:264 Resp: 4138303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.8 | 17.5 | 26.3 |

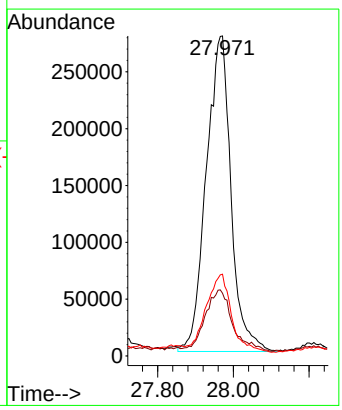


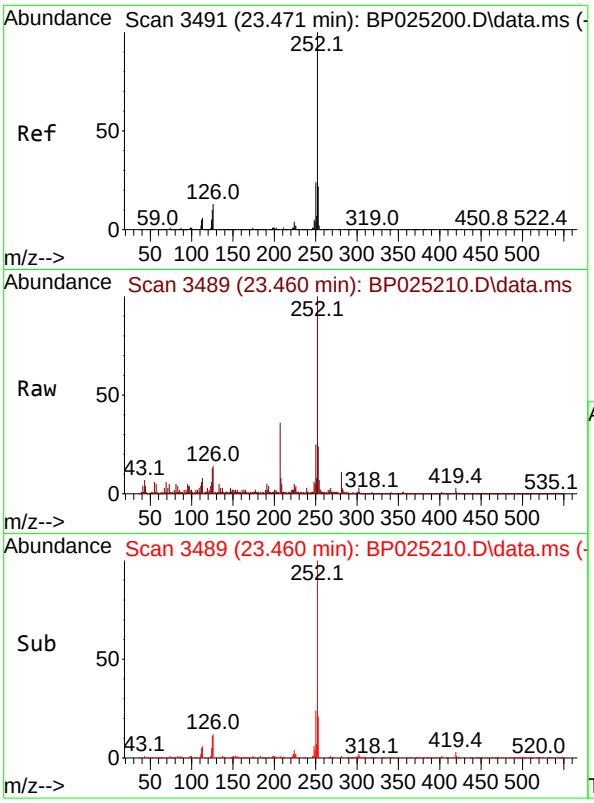




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.165 ng
RT: 27.971 min Scan# 4256
Delta R.T. 0.000 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1259500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.6 | 12.8 | 19.2# |
| 277 | 25.5 | 20.3 | 30.5 |



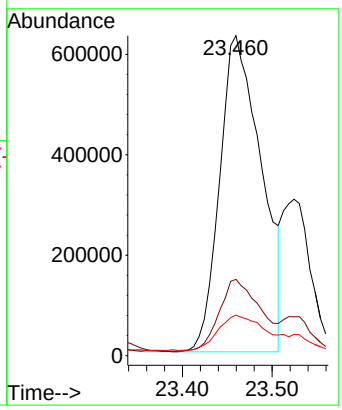


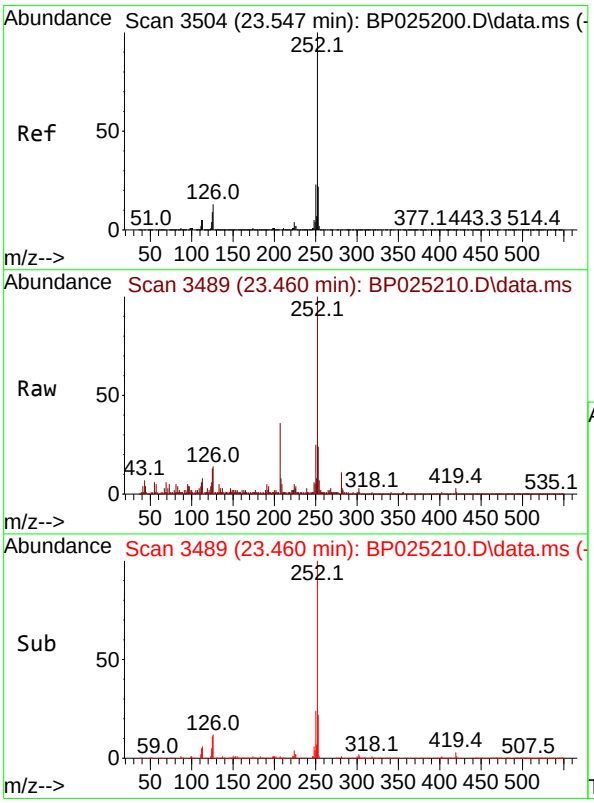

#88
Benzo(b)fluoranthene
Concen: 8.581 ng
RT: 23.460 min Scan# 34
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:252 Resp: 2032653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.7 | 7.8 | 11.8# |

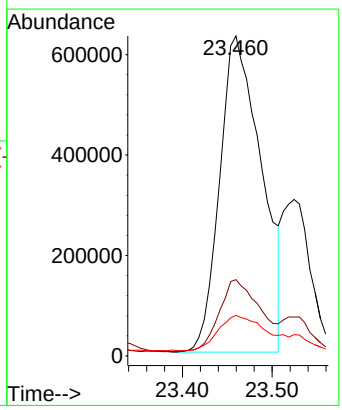


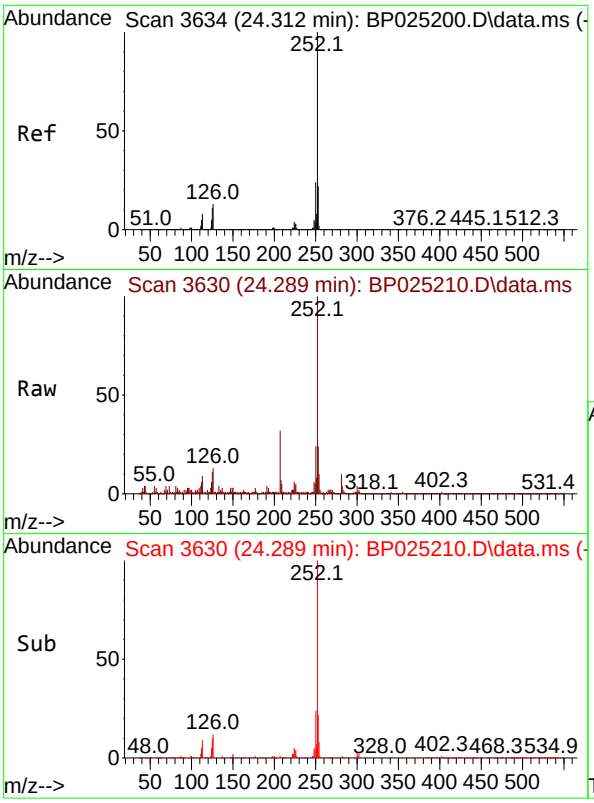




#89
Benzo(k)fluoranthene
Concen: 8.692 ng
RT: 23.460 min Scan# 3489
Delta R.T. -0.088 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:252 Resp: 2032653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 17.8 | 26.6 |
| 125 | 12.7 | 7.5 | 11.3# |



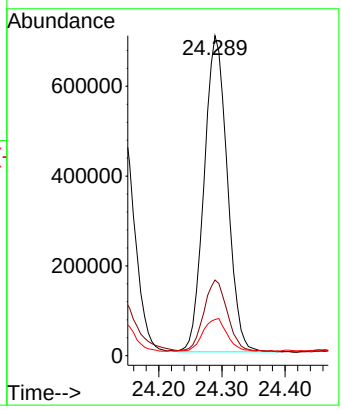


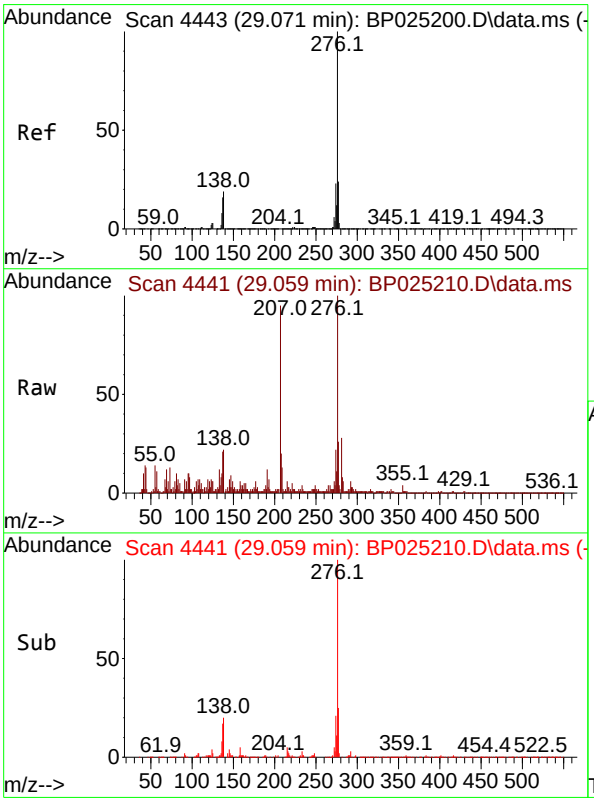

#90
Benzo(a)pyrene
Concen: 7.766 ng
RT: 24.289 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-40-071725

Tgt Ion:252 Resp: 1794768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.8 | 26.6 |
| 125 | 11.3 | 8.6 | 12.8 |

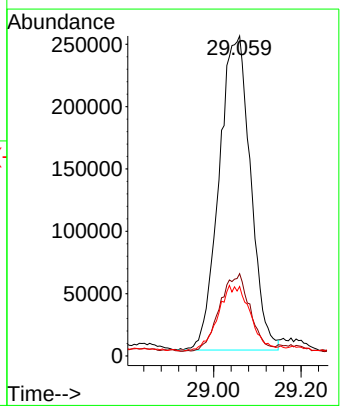



#92
Benzo(g,h,i)perylene
Concen: 5.182 ng
RT: 29.059 min Scan# 4441
Delta R.T. -0.011 min
Lab File: BP025210.D
Acq: 22 Jul 2025 11:51

Tgt Ion:276 Resp: 1256583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.7 | 19.2 | 28.8 |
| 138 | 21.7 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

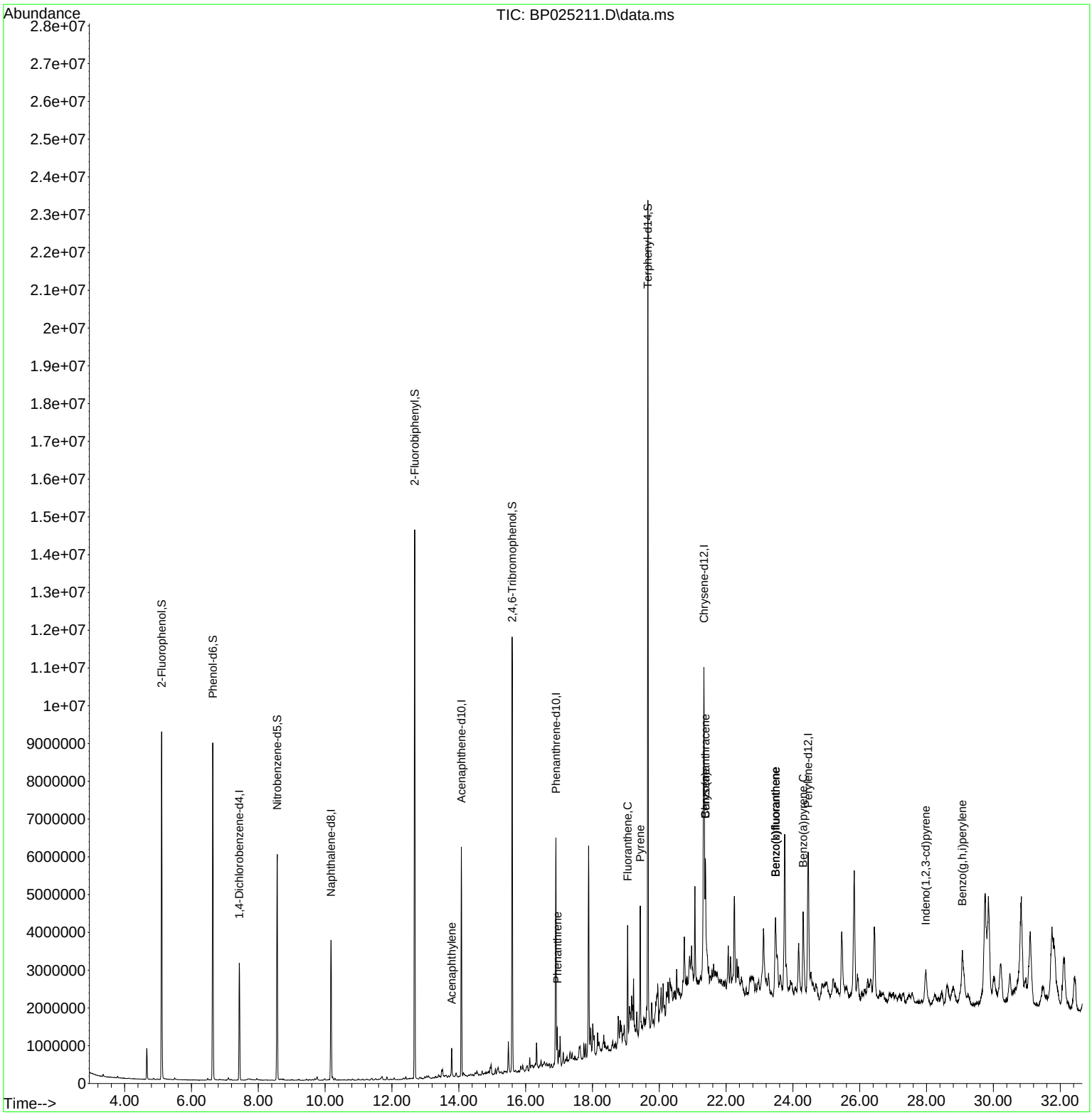
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 881585 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 3356745 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 2011979 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 3659937 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.336 | 240 | 3519090 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.454 | 264 | 4080535 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.108 | 112 | 4289251 | 82.207 | ng | | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 5256369 | 81.340 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 3257079 | 53.923 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 2459070 | 82.906 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7771013 | 54.452 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 9829821 | 55.140 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.789 | 152 | 540680 | 2.936 | ng | | 100 |
| 71) Phenanthrene | 16.948 | 178 | 582814 | 2.952 | ng | | 99 |
| 75) Fluoranthene | 19.054 | 202 | 1781552 | 7.669 | ng | | 100 |
| 78) Pyrene | 19.430 | 202 | 2183157 | 10.061 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.383 | 228 | 1644272 | 7.399 | ng | | 93 |
| 83) Chrysene | 21.383 | 228 | 1644272 | 7.926 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 27.977 | 276 | 1268094 | 4.253 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 1967135 | 8.422 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.483 | 252 | 1967135 | 8.531 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.307 | 252 | 1768051 | 7.758 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.071 | 276 | 1271085 | 5.316 | ng | | 96 |

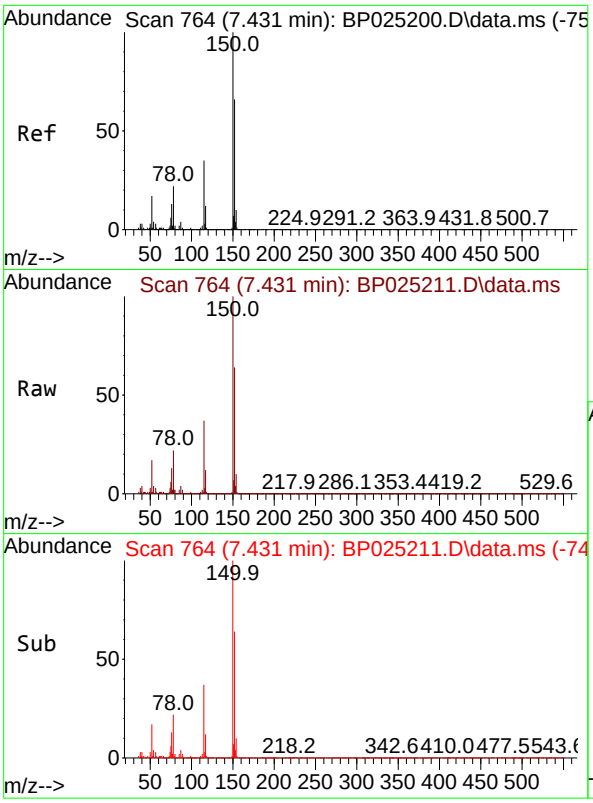
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025211.D
Acq On : 22 Jul 2025 12:32
Operator : CG/JU
Sample : Q2639-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Quant Time: Jul 22 12:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



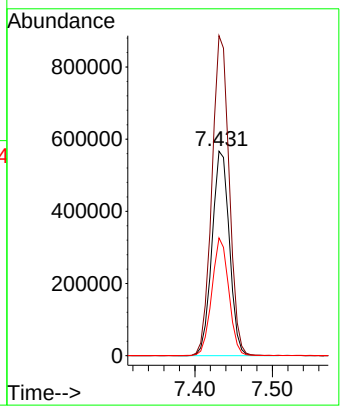


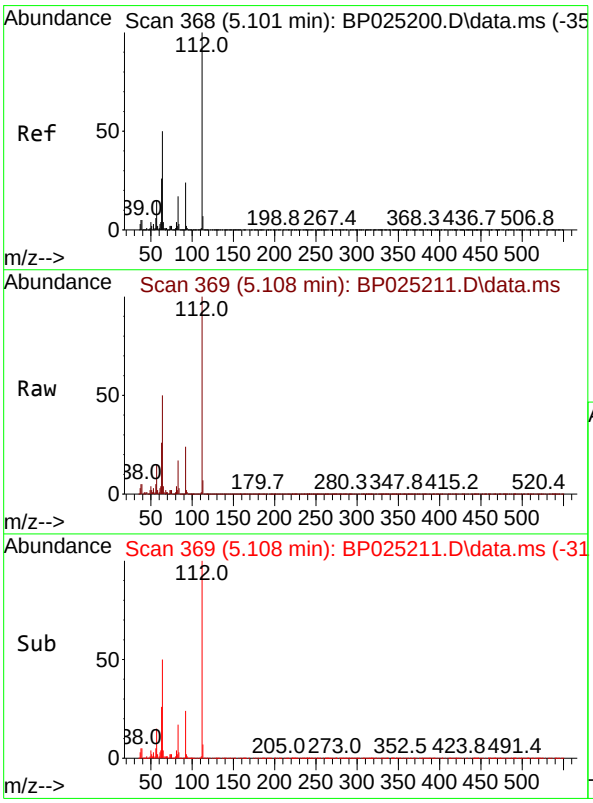

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:152 Resp: 881585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 121.9 | 182.9 |
| 115 | 57.6 | 43.0 | 64.6 |

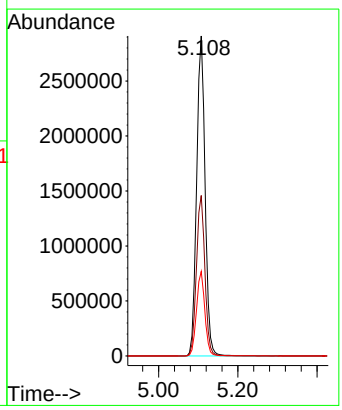


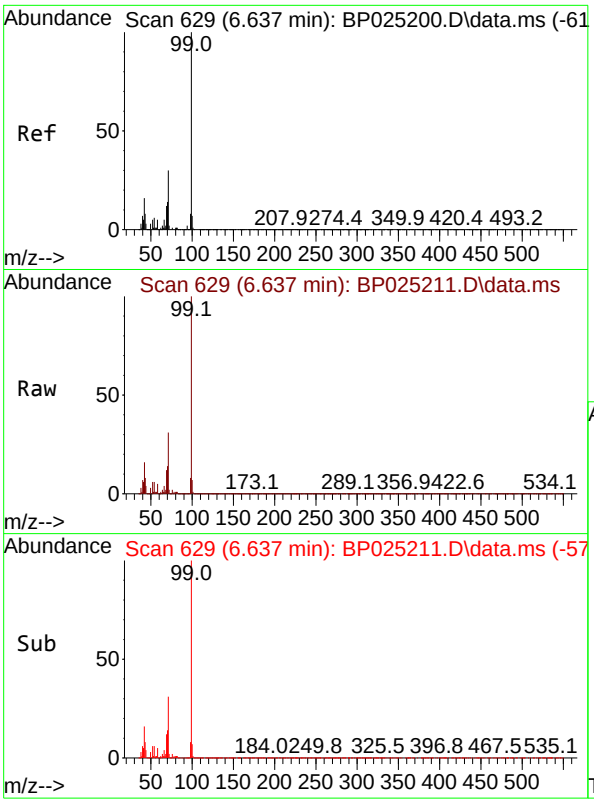




#5
2-Fluorophenol
Concen: 82.207 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:112 Resp: 4289251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.1 | 39.8 | 59.6 |
| 63 | 26.4 | 20.5 | 30.7 |



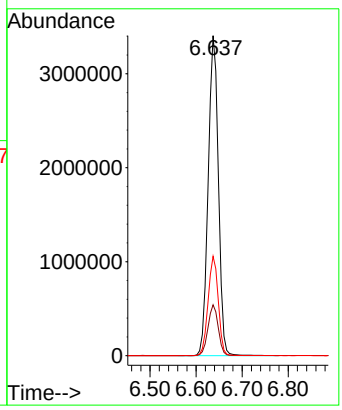


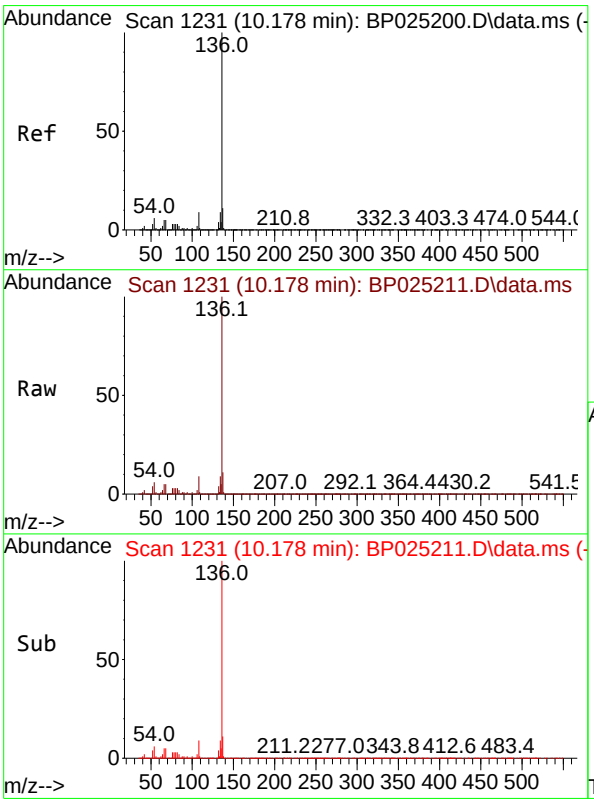

#7
Phenol-d6
Concen: 81.340 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion: 99 Resp: 5256369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 12.5 | 18.7 |
| 71 | 31.1 | 24.2 | 36.2 |

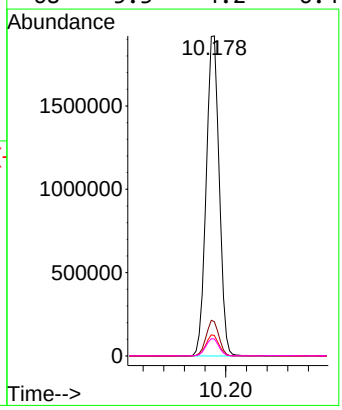


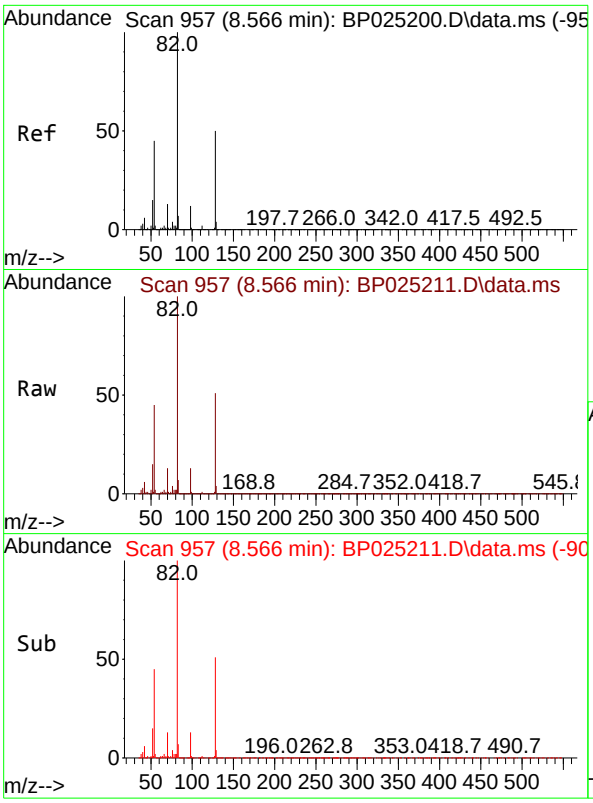




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:136 Resp: 3356745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |



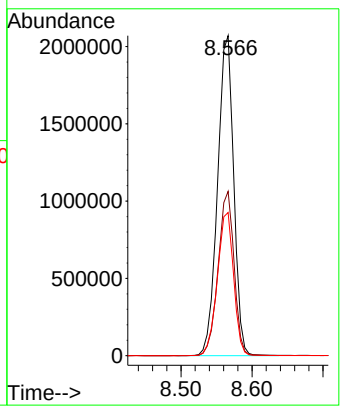


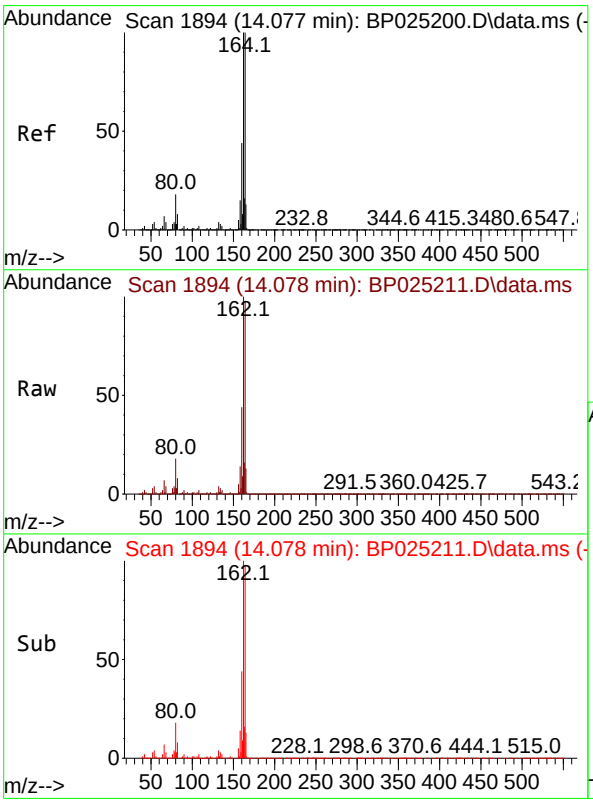

#23
Nitrobenzene-d5
Concen: 53.923 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion: 82 Resp: 3257079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.3 | 40.2 | 60.4 |
| 54 | 44.8 | 36.3 | 54.5 |

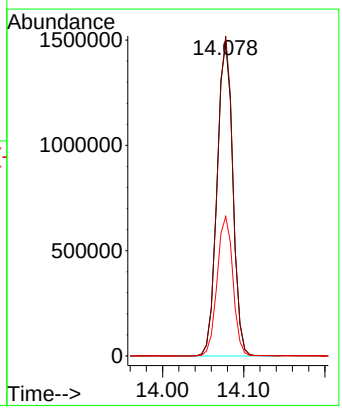


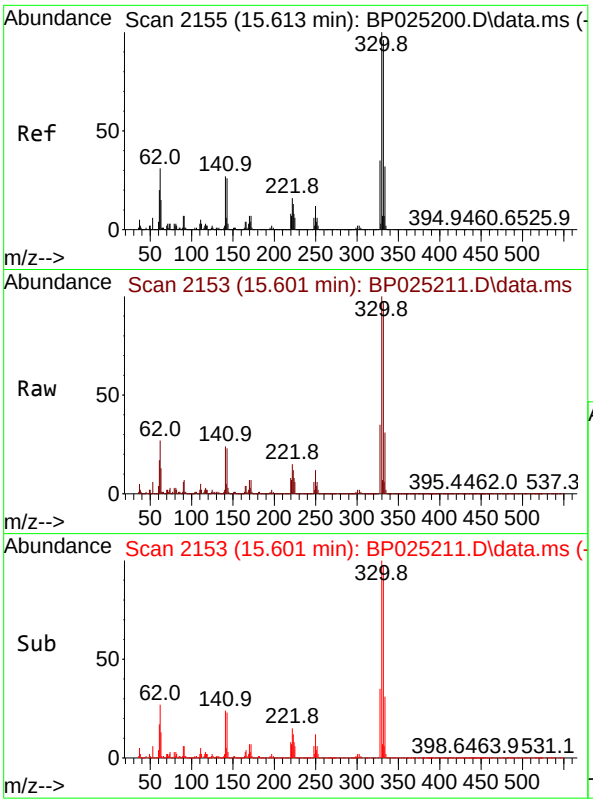




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:164 Resp: 2011979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 80.3 | 120.5 |
| 160 | 44.5 | 35.7 | 53.5 |



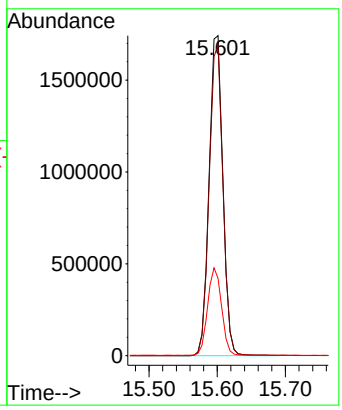


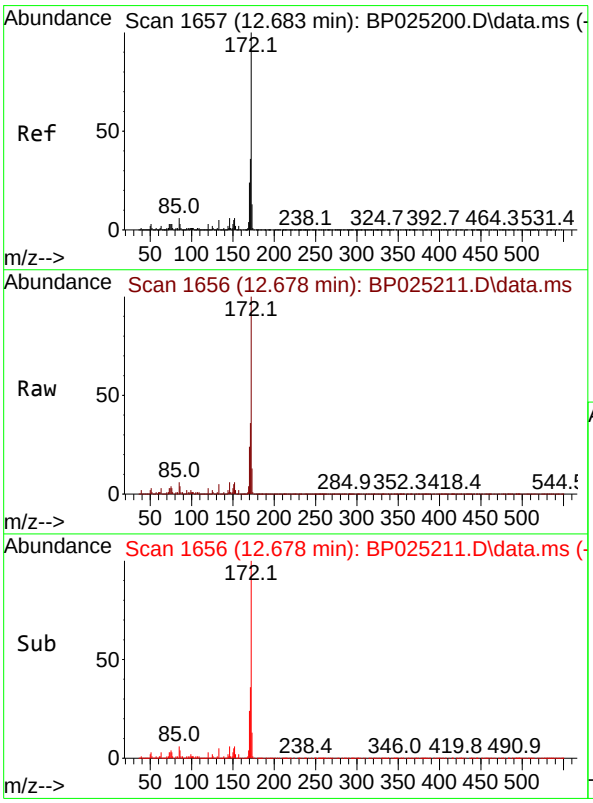

#42
2,4,6-Tribromophenol
Concen: 82.906 ng
RT: 15.601 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:330 Resp: 2459070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.1 | 115.7 |
| 141 | 27.4 | 22.4 | 33.6 |

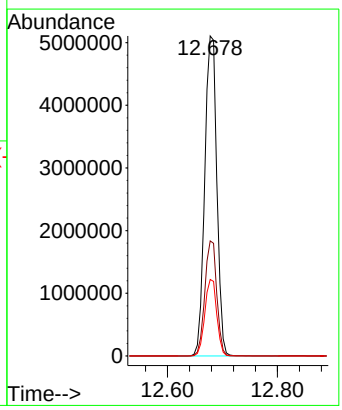


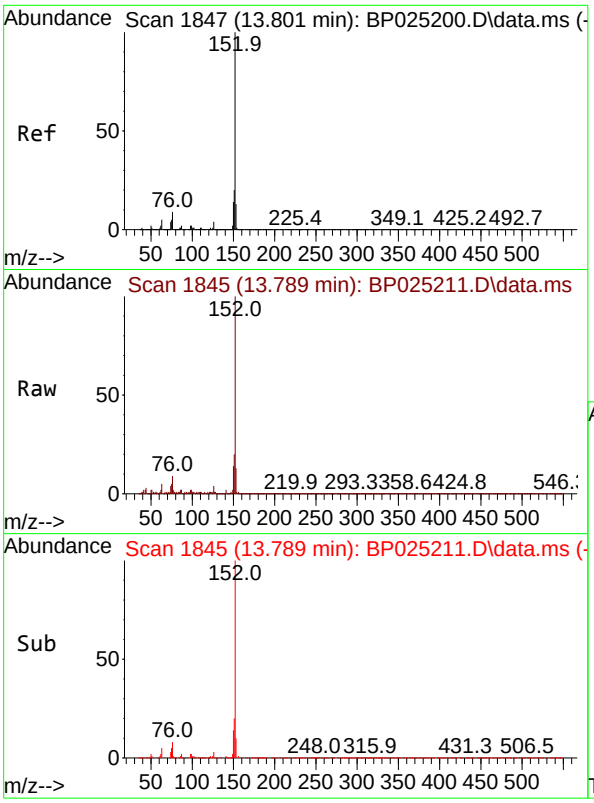




#45
2-Fluorobiphenyl
Concen: 54.452 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:172 Resp: 7771013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.8 | 43.2 |
| 170 | 23.9 | 19.2 | 28.8 |



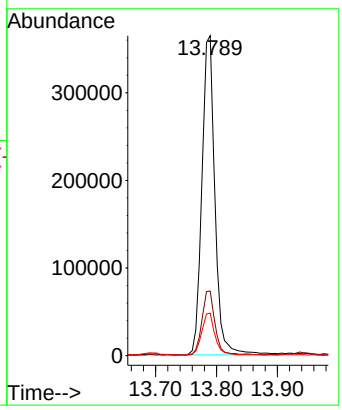


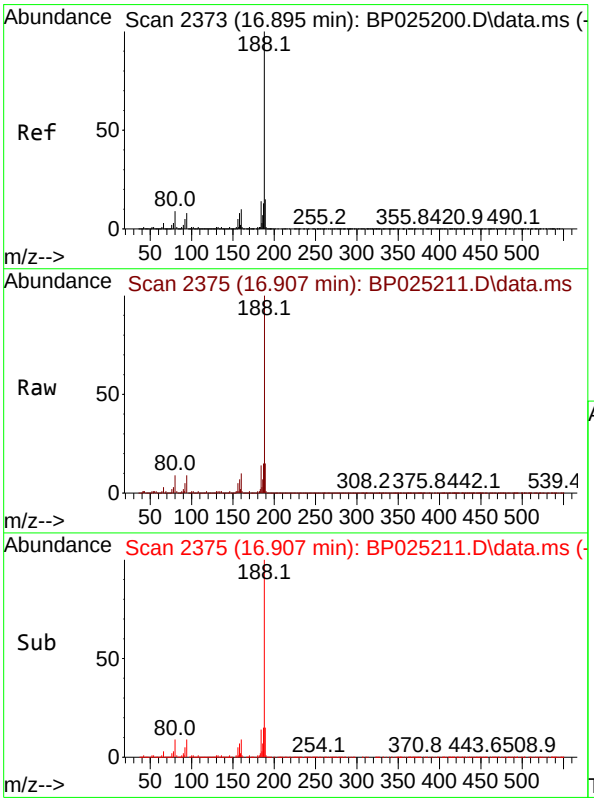

#49
Acenaphthylene
Concen: 2.936 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:152 Resp: 540680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |

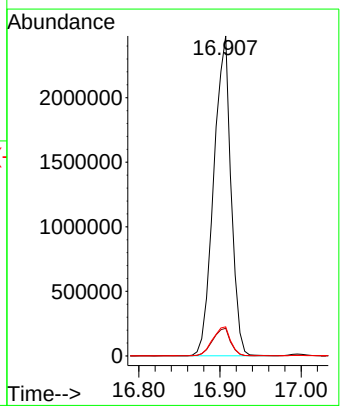


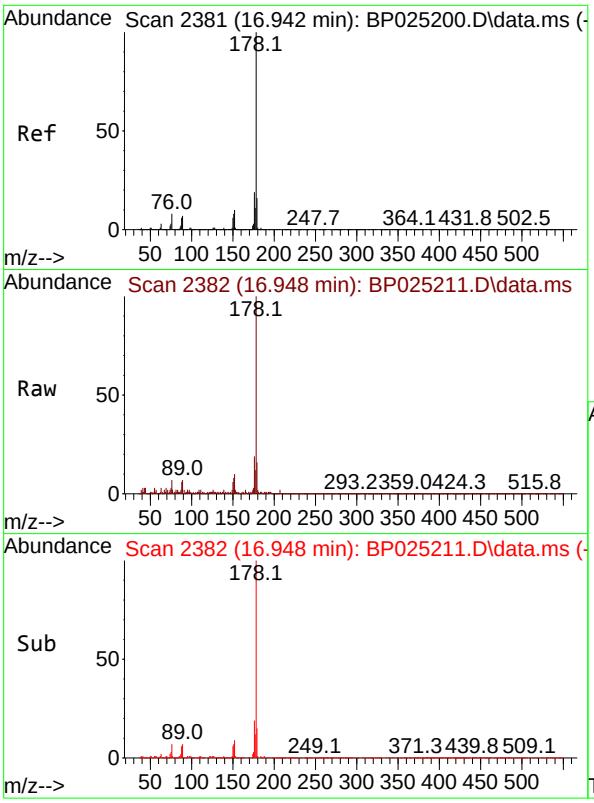




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:188 Resp: 3659937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 6.8 | 10.2 |
| 80 | 9.1 | 7.3 | 10.9 |



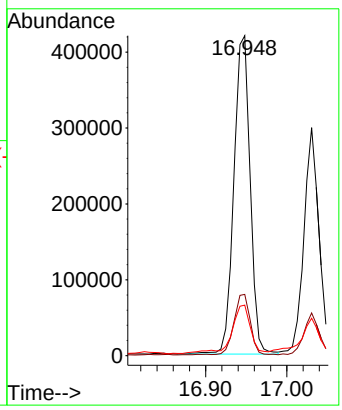


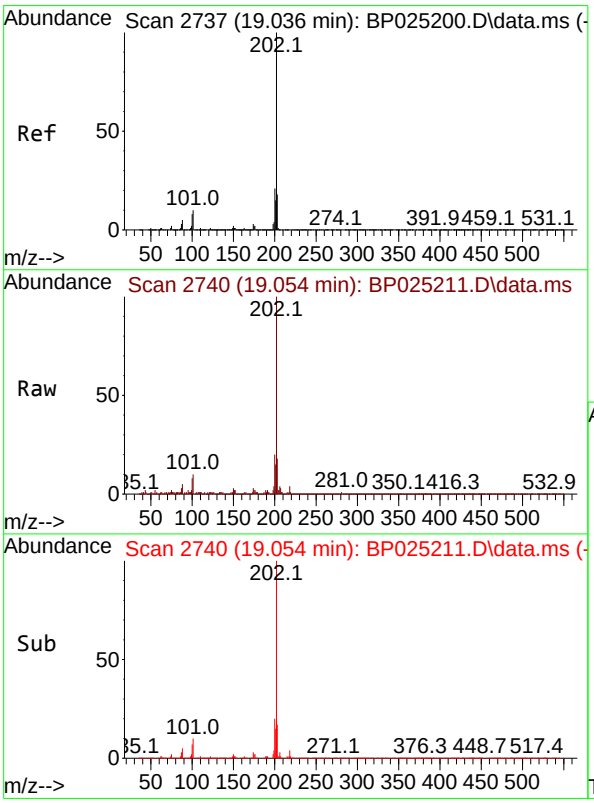

#71
Phenanthrene
Concen: 2.952 ng
RT: 16.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:178 Resp: 582814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.6 | 23.4 |
| 179 | 15.8 | 12.5 | 18.7 |

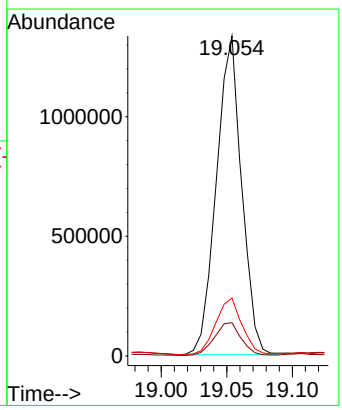


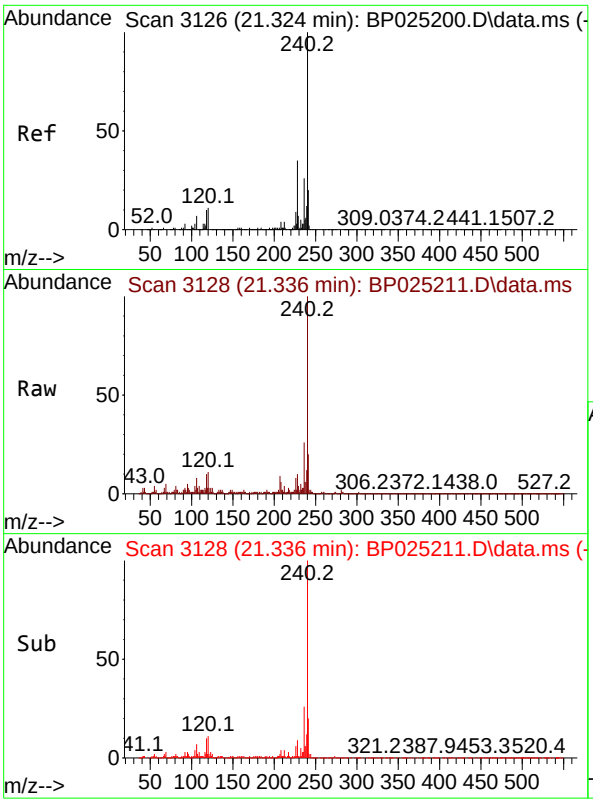




#75
Fluoranthene
Concen: 7.669 ng
RT: 19.054 min Scan# 2740
Delta R.T. 0.018 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 1781552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.4 | 0.0 | 30.3 |
| 203 | 18.1 | 0.0 | 38.0 |



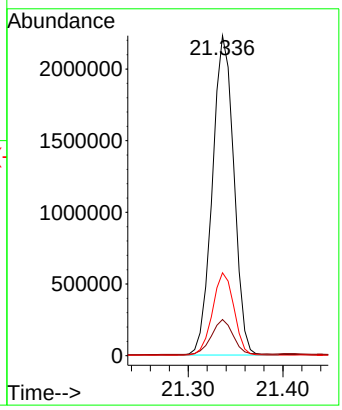


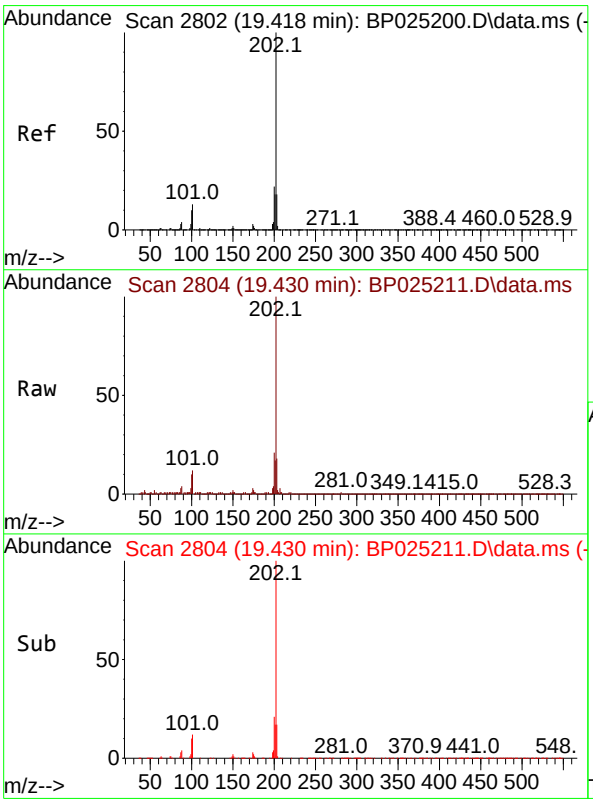

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:240 Resp: 3519090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |

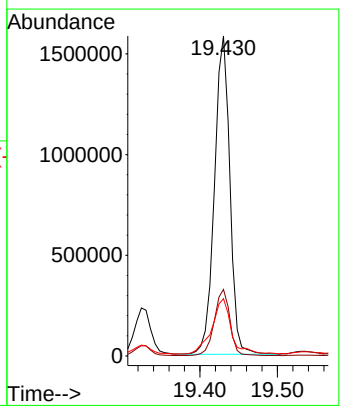


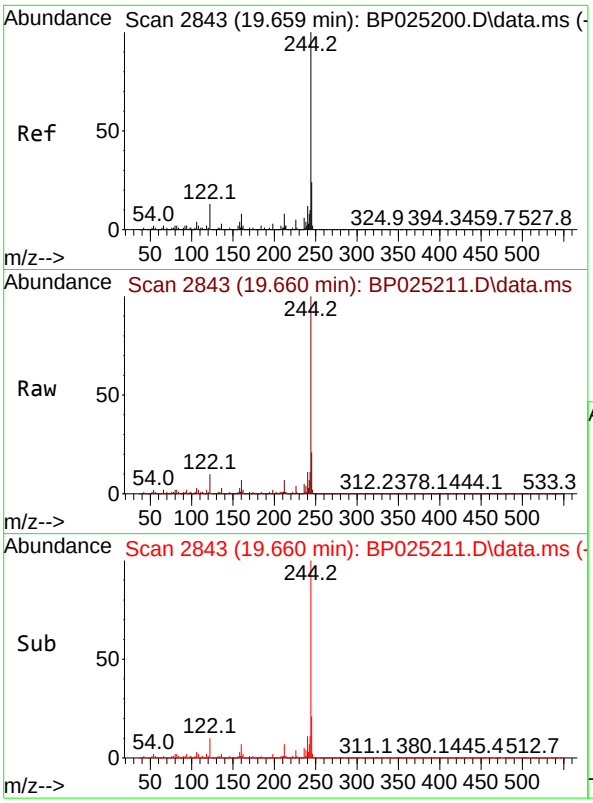




#78
Pyrene
Concen: 10.061 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:202 Resp: 2183157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |



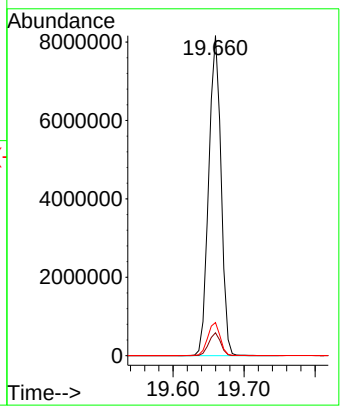


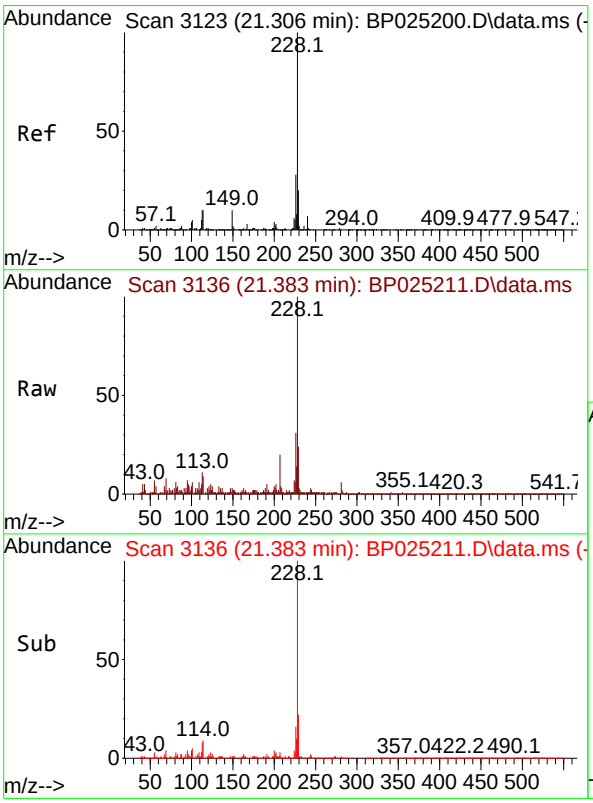

#79
Terphenyl-d14
Concen: 55.140 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:244 Resp: 9829821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.6 | 9.8 |
| 122 | 10.4 | 10.3 | 15.5 |

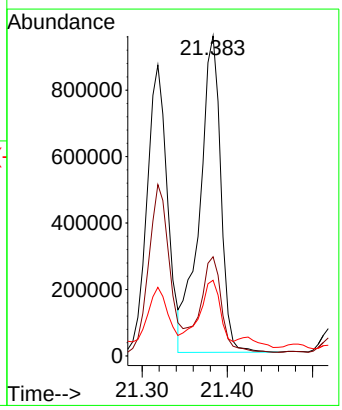


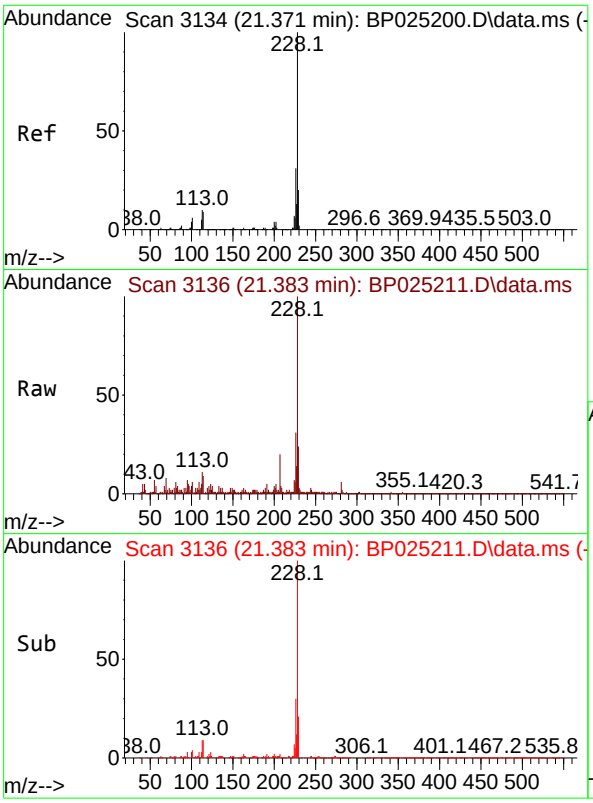




#81
Benzo(a)anthracene
Concen: 7.399 ng
RT: 21.383 min Scan# 3136
Delta R.T. 0.077 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:228 Resp: 1644272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 22.3 | 33.5 |
| 229 | 23.7 | 16.2 | 24.2 |



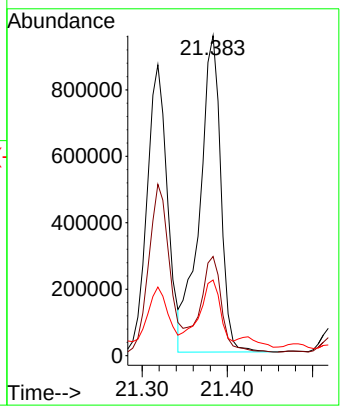


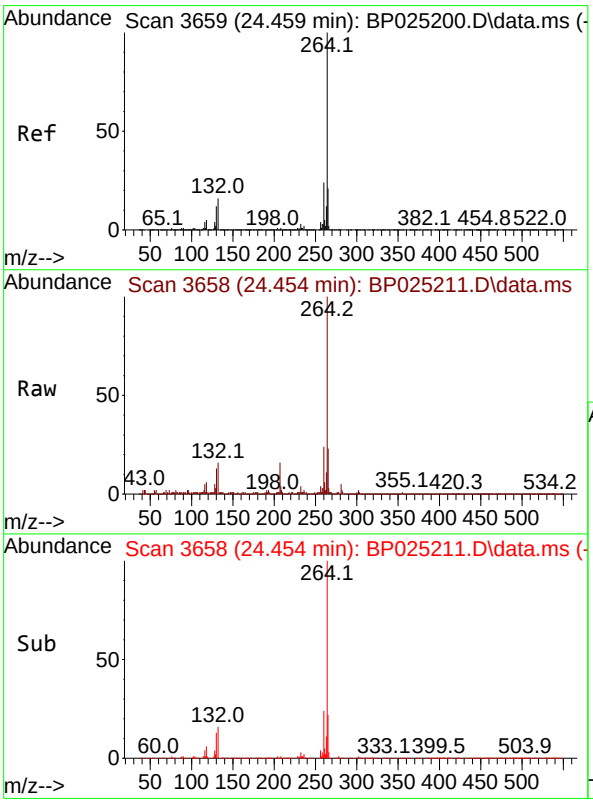

#83
Chrysene
Concen: 7.926 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:228 Resp: 1644272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.6 | 37.0 |
| 229 | 23.7 | 16.0 | 24.0 |

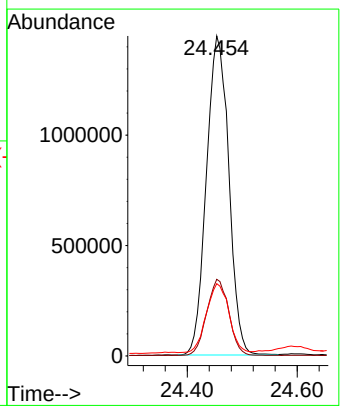


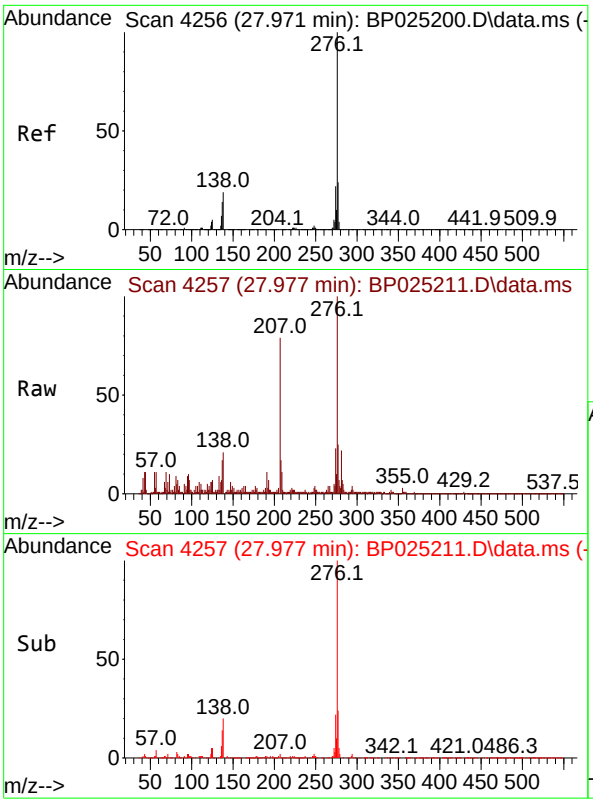




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3658
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:264 Resp: 4080535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.0 | 28.6 |
| 265 | 22.6 | 17.5 | 26.3 |



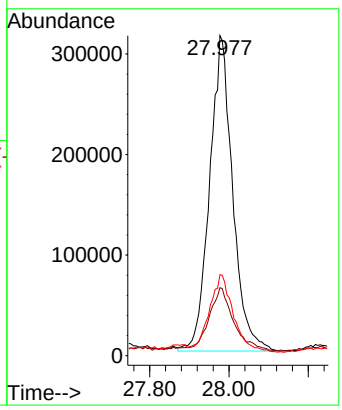


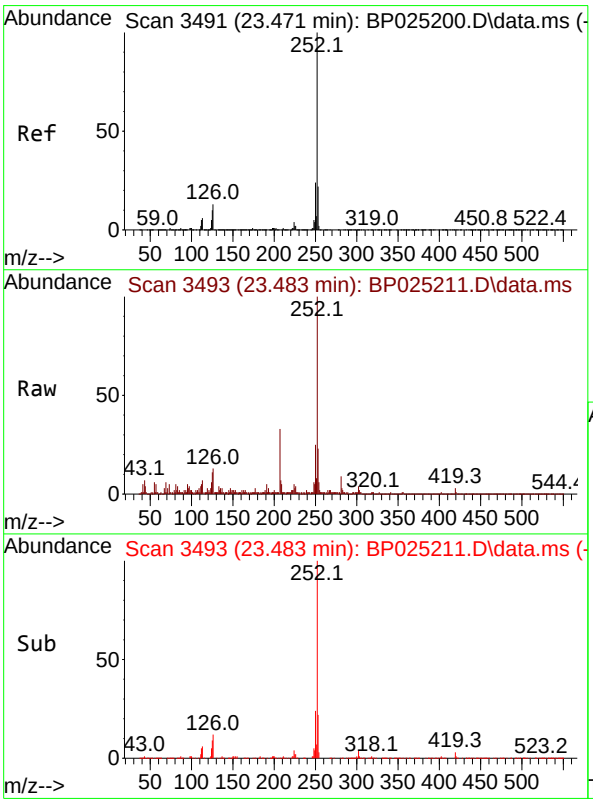

#87
Indeno(1,2,3-cd)pyrene
Concen: 4.253 ng
RT: 27.977 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:276 Resp: 1268094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 12.8 | 19.2# |
| 277 | 25.6 | 20.3 | 30.5 |

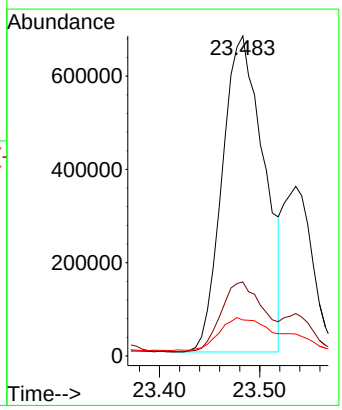


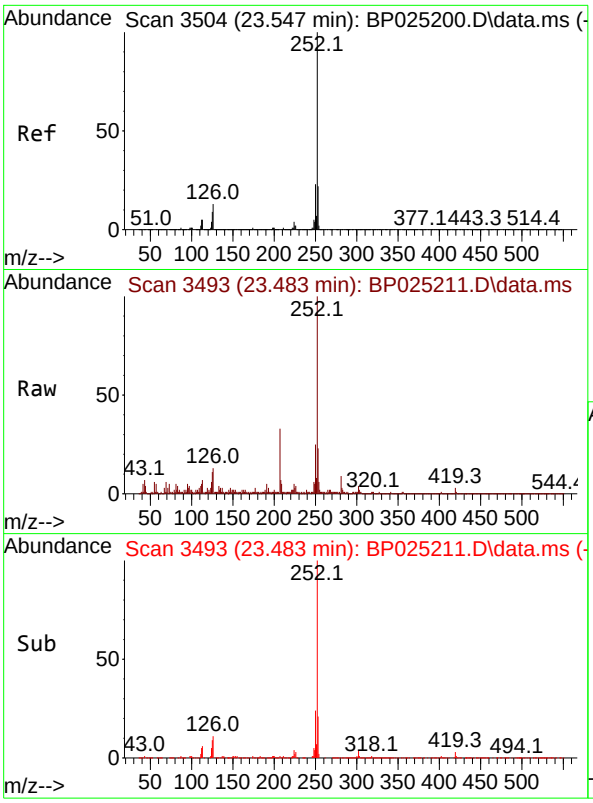




#88
Benzo(b)fluoranthene
Concen: 8.422 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1967135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.0 | 27.0 |
| 125 | 11.2 | 7.8 | 11.8 |



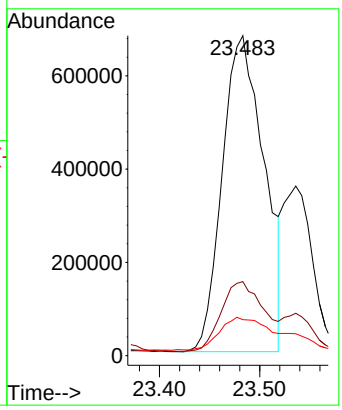


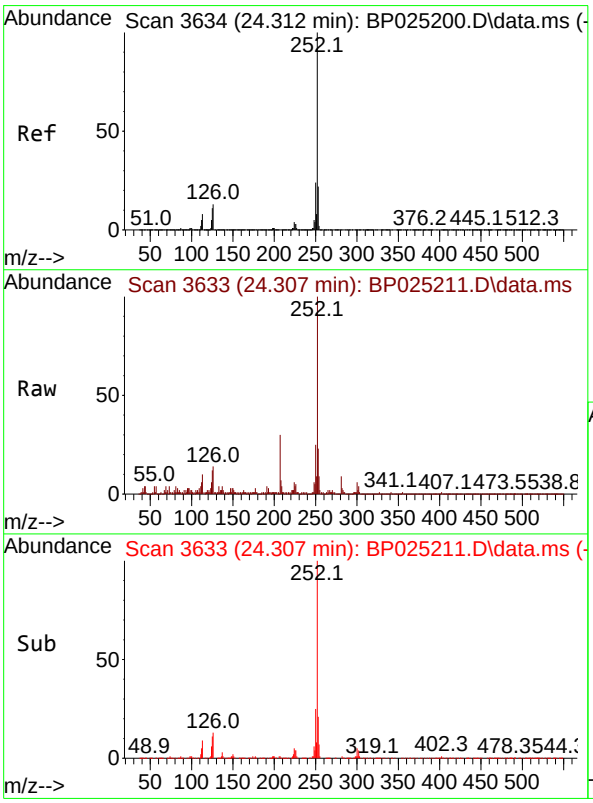

#89
Benzo(k)fluoranthene
Concen: 8.531 ng
RT: 23.483 min Scan# 34
Delta R.T. -0.064 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:252 Resp: 1967135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.8 | 26.6 |
| 125 | 11.2 | 7.5 | 11.3 |

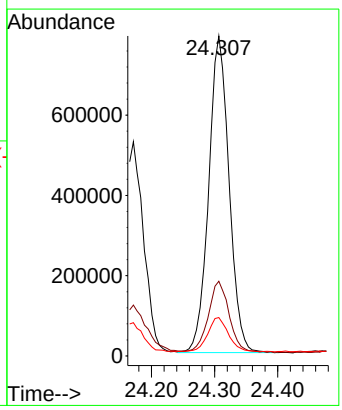


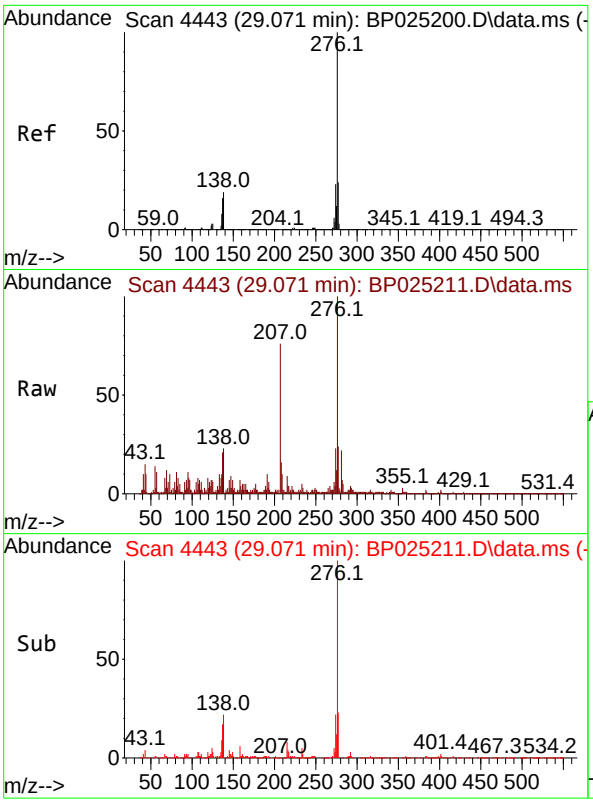




#90
Benzo(a)pyrene
Concen: 7.758 ng
RT: 24.307 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

Tgt Ion:252 Resp: 1768051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.8 | 26.6 |
| 125 | 12.0 | 8.6 | 12.8 |



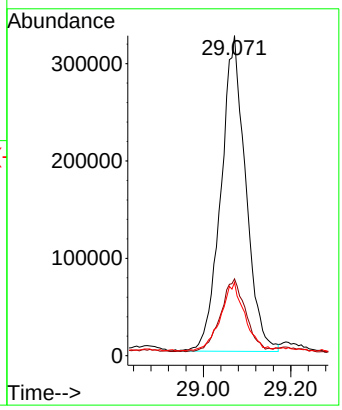



#92
Benzo(g,h,i)perylene
Concen: 5.316 ng
RT: 29.071 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025211.D
Acq: 22 Jul 2025 12:32

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-41-071725

Tgt Ion:276 Resp: 1271085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.2 | 28.8 |
| 138 | 22.9 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

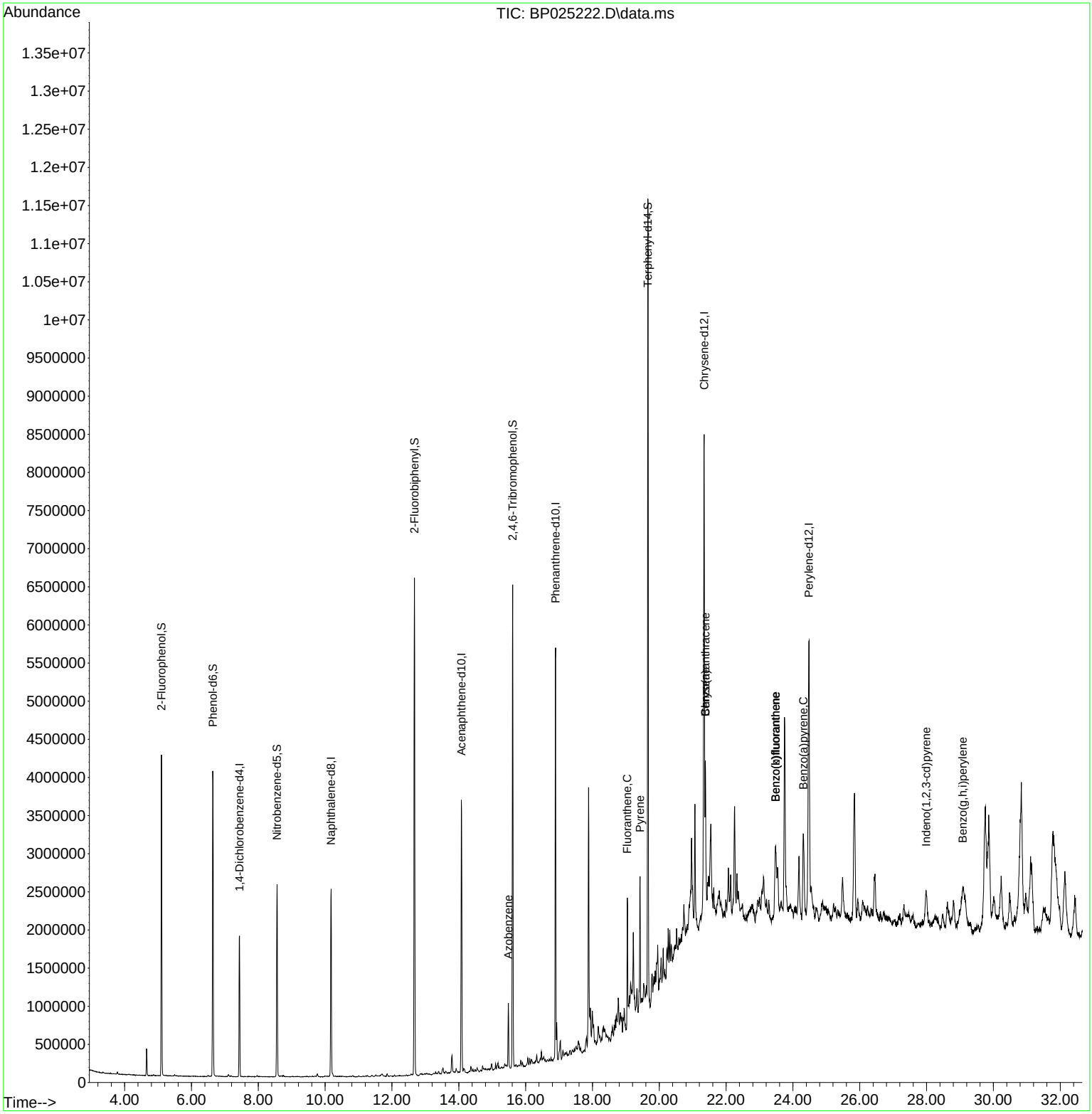
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 508416 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2118134 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1475610 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 3006834 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.342 | 240 | 3038957 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.477 | 264 | 3598510 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1851354 | 61.527 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 2411148 | 64.698 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.560 | 82 | 1444714 | 37.905 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1372619 | 63.098 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.672 | 172 | 3875609 | 37.028 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.660 | 244 | 5925338 | 38.489 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 63) Azobenzene | 15.484 | 77 | 218230 | 2.575 | ng | # 1 |
| 75) Fluoranthene | 19.042 | 202 | 940106 | 4.926 | ng | 99 |
| 78) Pyrene | 19.425 | 202 | 1133511 | 6.049 | ng | 99 |
| 81) Benzo(a)anthracene | 21.377 | 228 | 911395 | 4.749 | ng | 93 |
| 83) Chrysene | 21.377 | 228 | 913415 | 5.099 | ng | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 27.989 | 276 | 731185 | 2.780 | ng | # 97 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 1193321 | 5.793 | ng | # 96 |
| 89) Benzo(k)fluoranthene | 23.483 | 252 | 1193321 | 5.868 | ng | # 95 |
| 90) Benzo(a)pyrene | 24.313 | 252 | 994520 | 4.949 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.083 | 276 | 731804 | 3.471 | ng | 96 |

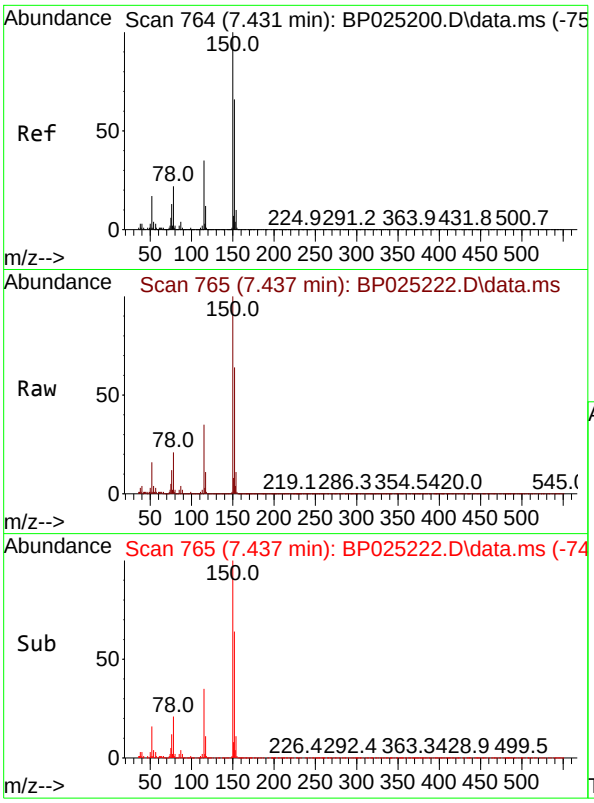
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025222.D
Acq On : 23 Jul 2025 13:28
Operator : CG/JU
Sample : Q2639-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Quant Time: Jul 23 15:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



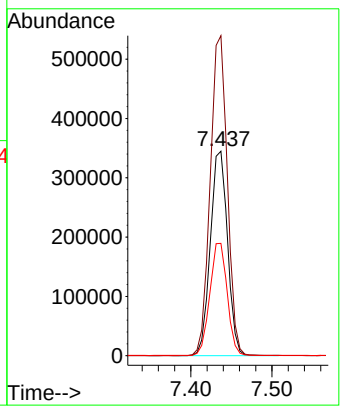


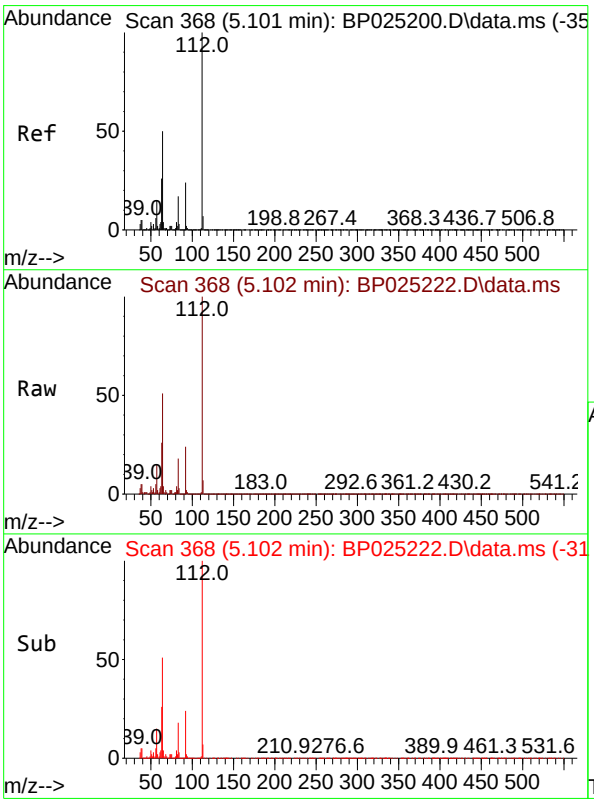

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:152 Resp: 508416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 121.9 | 182.9 |
| 115 | 55.0 | 43.0 | 64.6 |

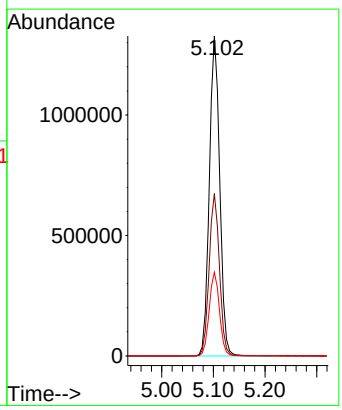


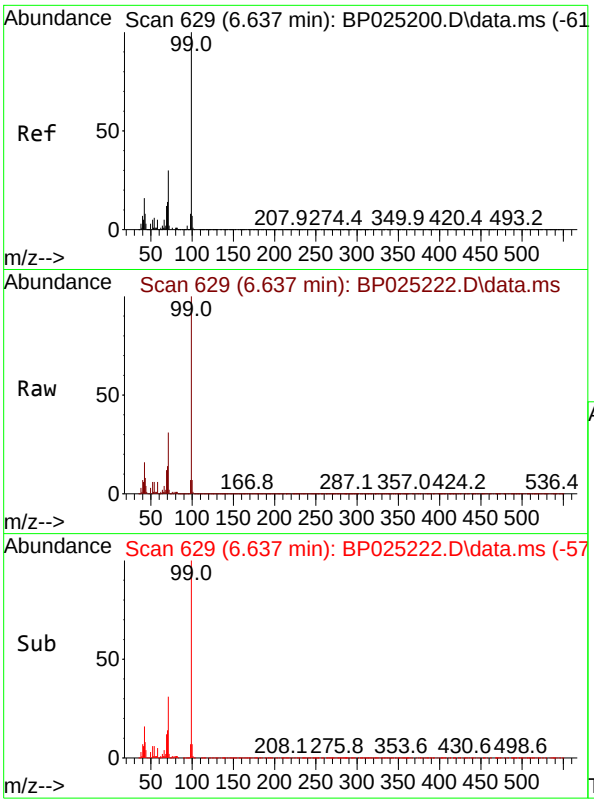




#5
2-Fluorophenol
Concen: 61.527 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:112 Resp: 1851354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.8 | 39.8 | 59.6 |
| 63 | 26.2 | 20.5 | 30.7 |



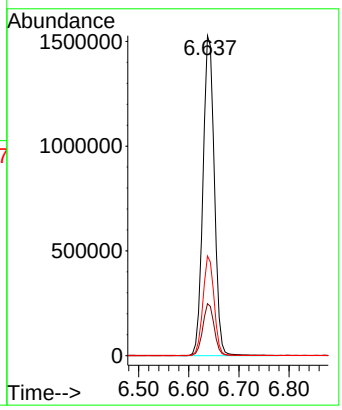


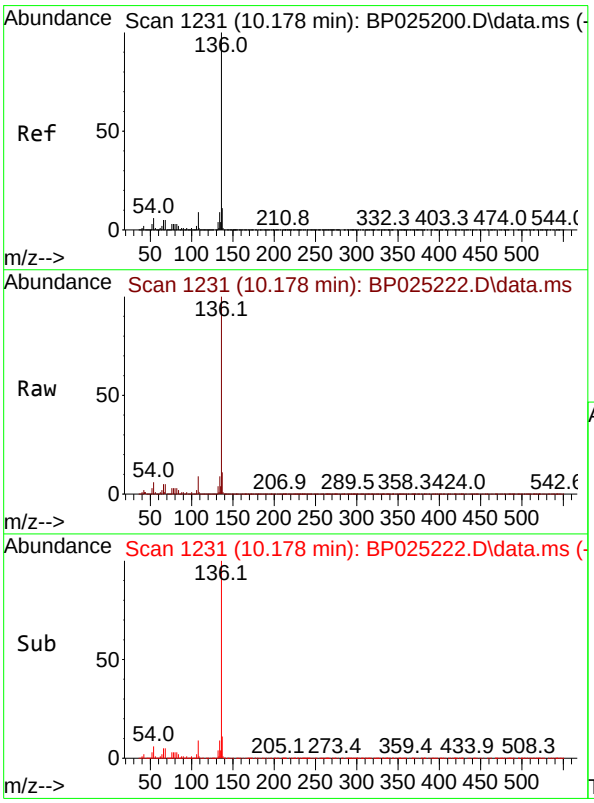

#7
Phenol-d6
Concen: 64.698 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion: 99 Resp: 2411148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.5 | 18.7 |
| 71 | 31.2 | 24.2 | 36.2 |

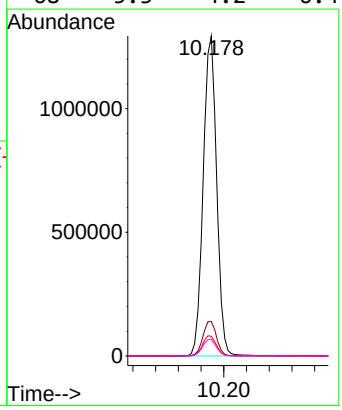


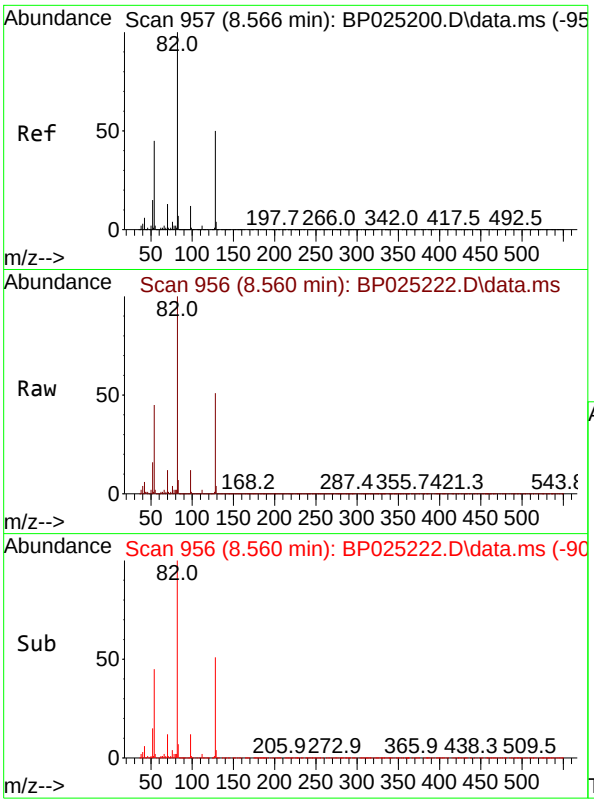




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:136 Resp: 2118134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 6.2 | 5.1 | 7.7 |
| 68 | 5.3 | 4.2 | 6.4 |



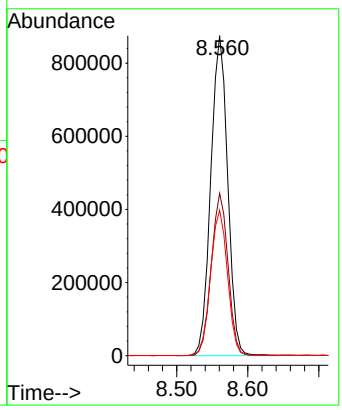


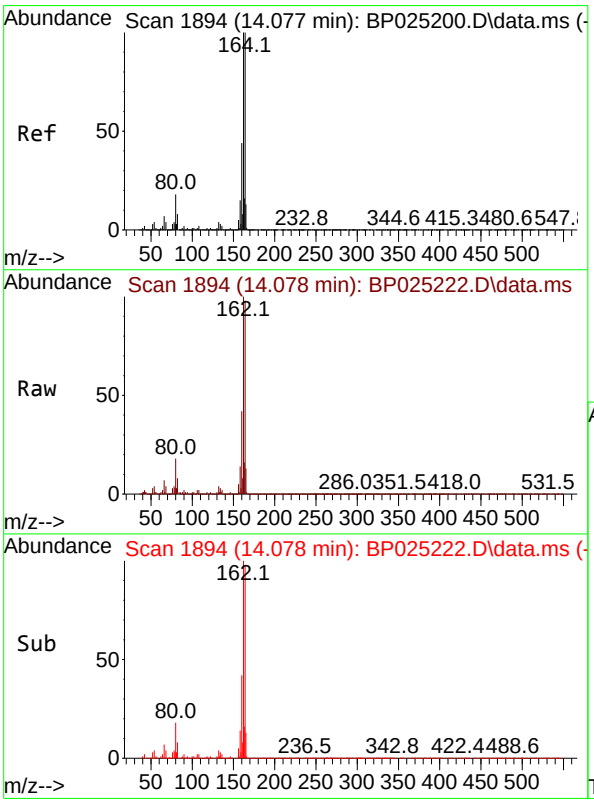

#23
Nitrobenzene-d5
Concen: 37.905 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion: 82 Resp: 1444714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.7 | 40.2 | 60.4 |
| 54 | 45.4 | 36.3 | 54.5 |

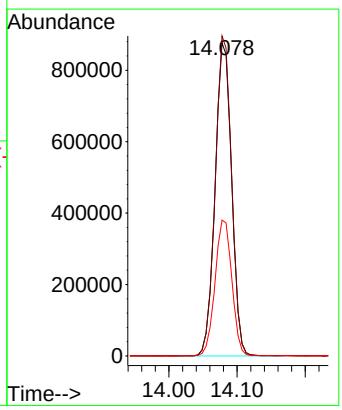


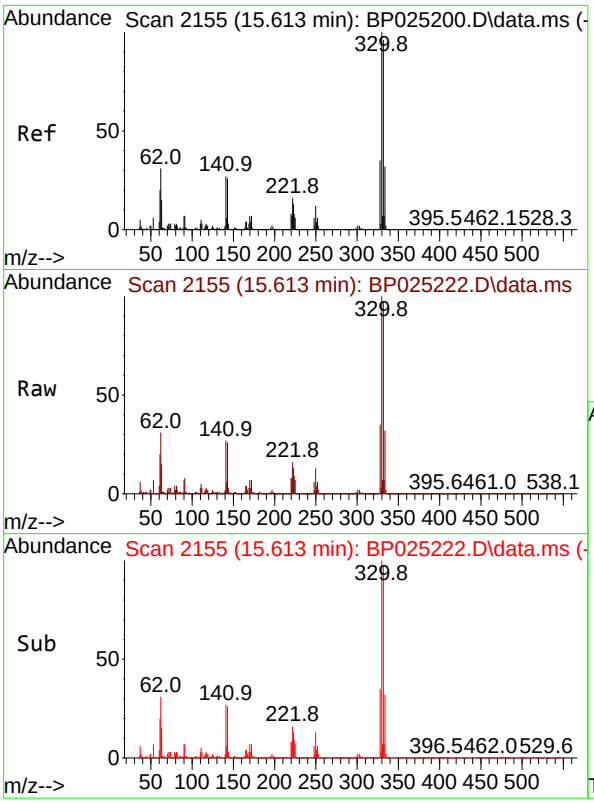




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:164 Resp: 1475610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 80.3 | 120.5 |
| 160 | 43.4 | 35.7 | 53.5 |



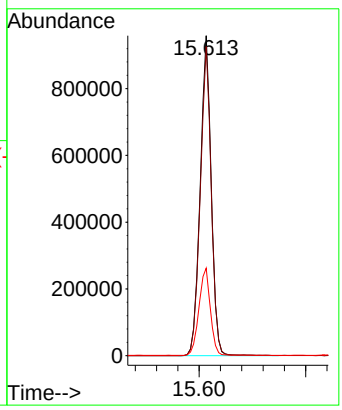


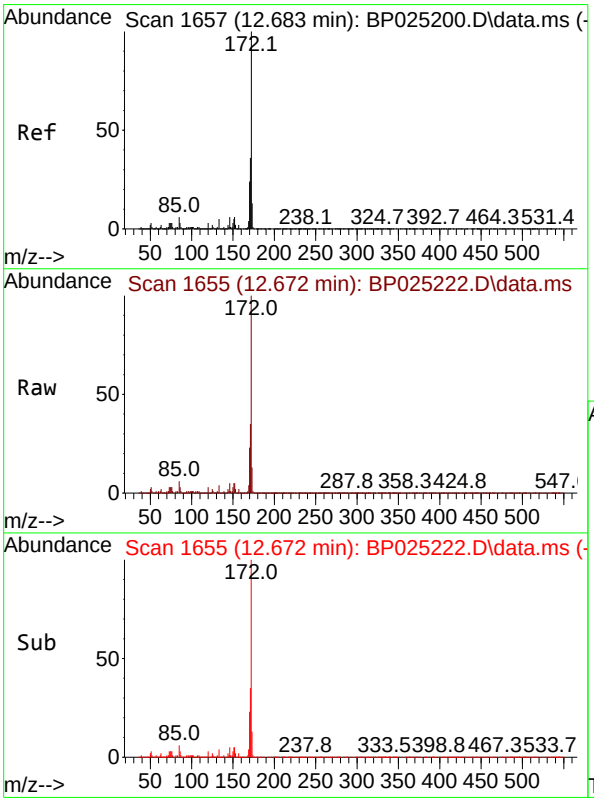

#42
2,4,6-Tribromophenol
Concen: 63.098 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:330 Resp: 1372619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 77.1 | 115.7 |
| 141 | 28.1 | 22.4 | 33.6 |

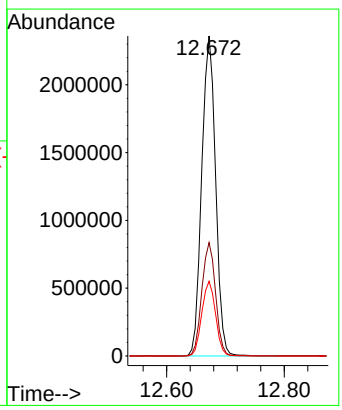


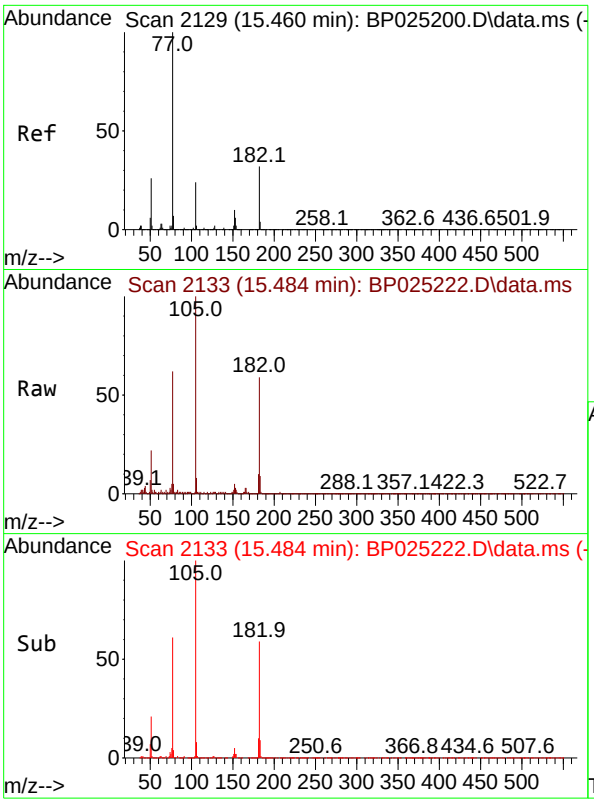




#45
2-Fluorobiphenyl
Concen: 37.028 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:172 Resp: 3875609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.3 | 19.2 | 28.8 |



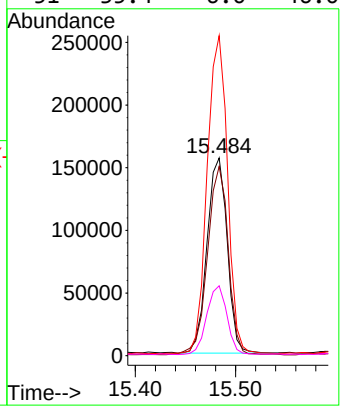


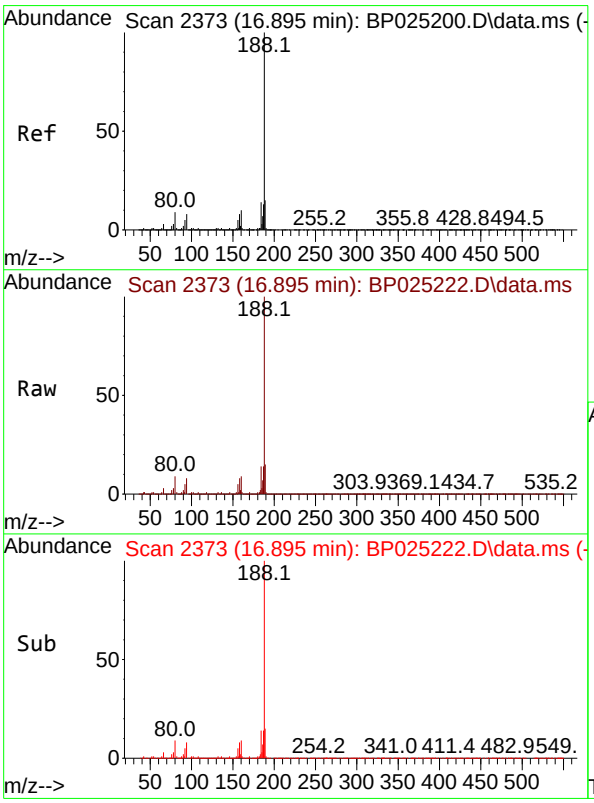

#63
Azobenzene
Concen: 2.575 ng
RT: 15.484 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion: 77 Resp: 218230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 95.7 | 12.0 | 52.0# |
| 105 | 161.8 | 3.6 | 43.6# |
| 51 | 35.4 | 6.0 | 46.0 |

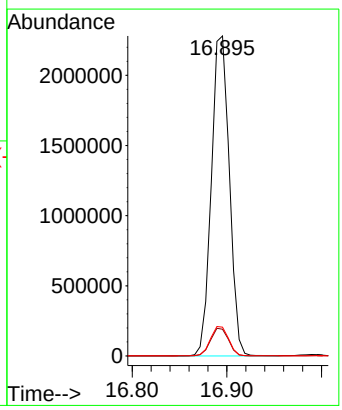


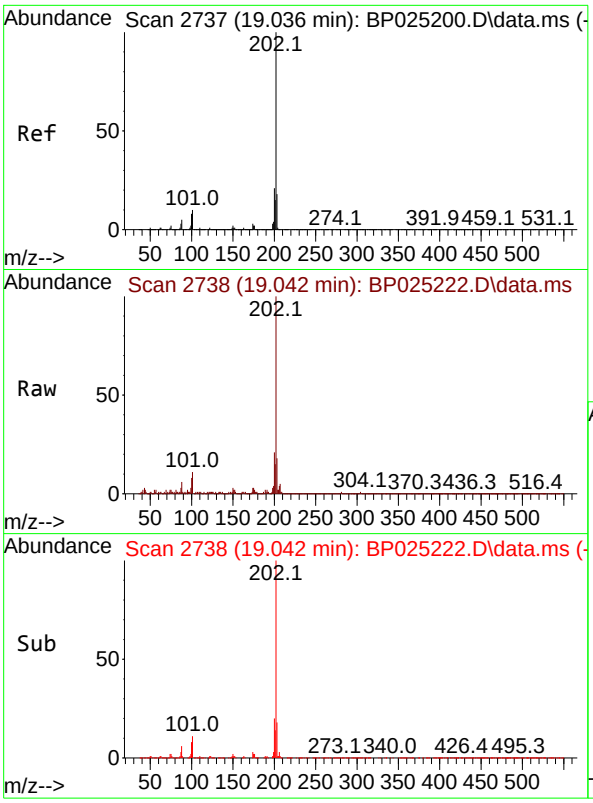




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:188 Resp: 3006834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.8 | 10.2 |
| 80 | 9.0 | 7.3 | 10.9 |



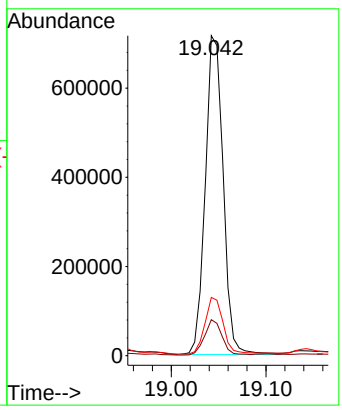


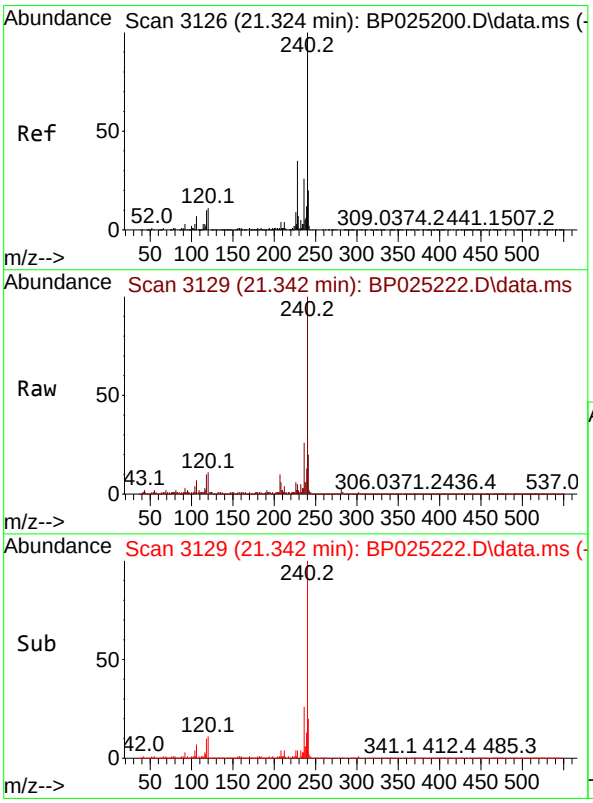

#75
Fluoranthene
Concen: 4.926 ng
RT: 19.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:202 Resp: 940106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.2 | 0.0 | 38.0 |

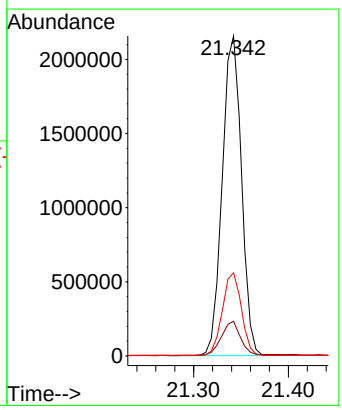


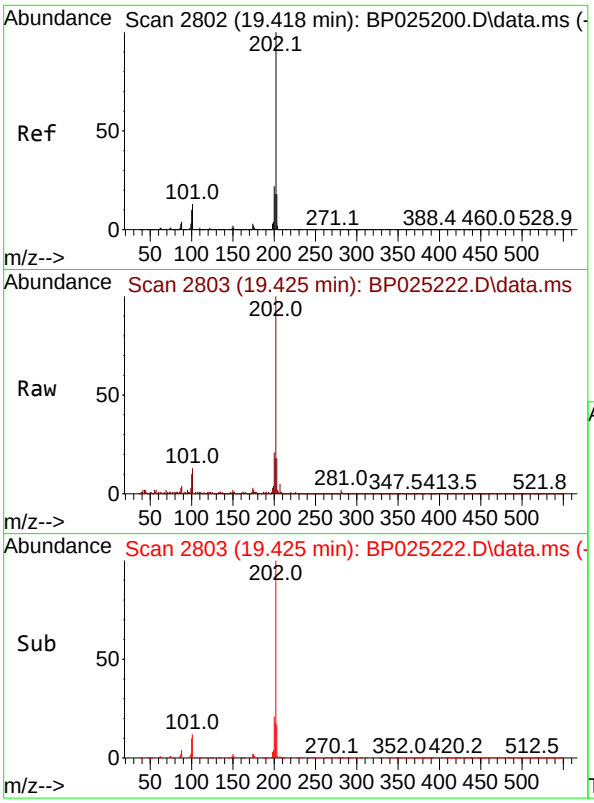




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:240 Resp: 3038957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.8 | 13.2 |
| 236 | 26.0 | 20.9 | 31.3 |



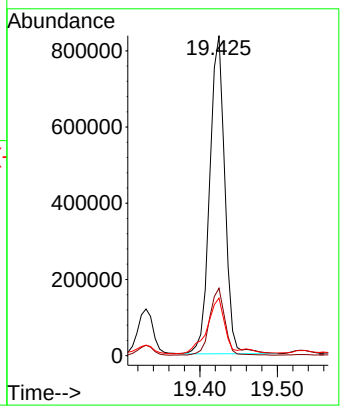


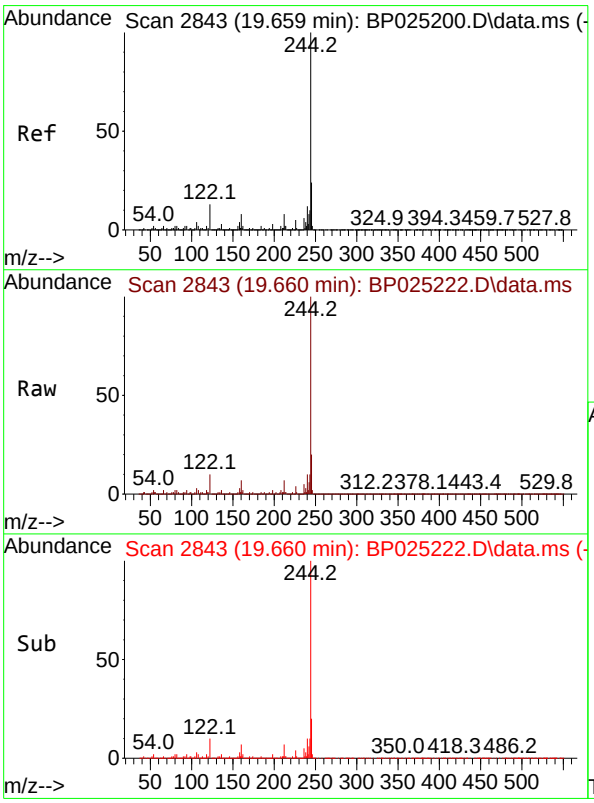

#78
Pyrene
Concen: 6.049 ng
RT: 19.425 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:202 Resp: 1133511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 18.0 | 14.3 | 21.5 |

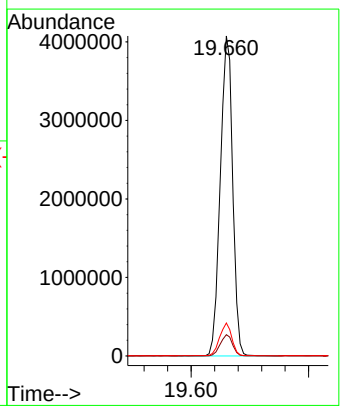


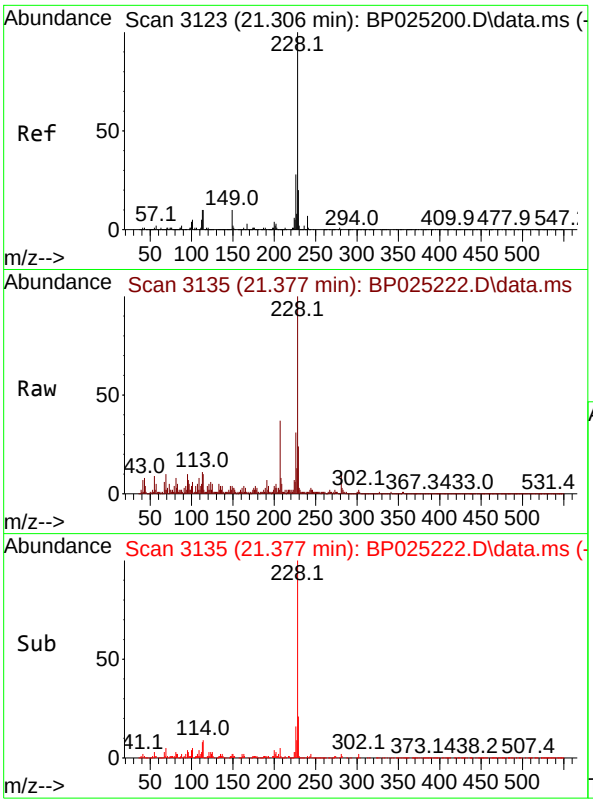




#79
Terphenyl-d14
Concen: 38.489 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:244 Resp: 5925338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.6 | 9.8 |
| 122 | 10.3 | 10.3 | 15.5# |



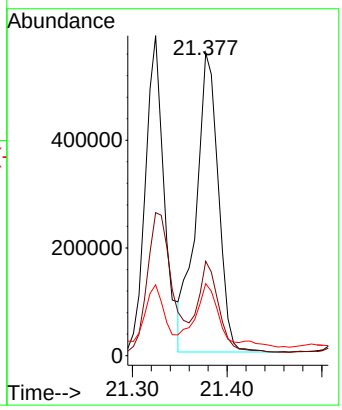


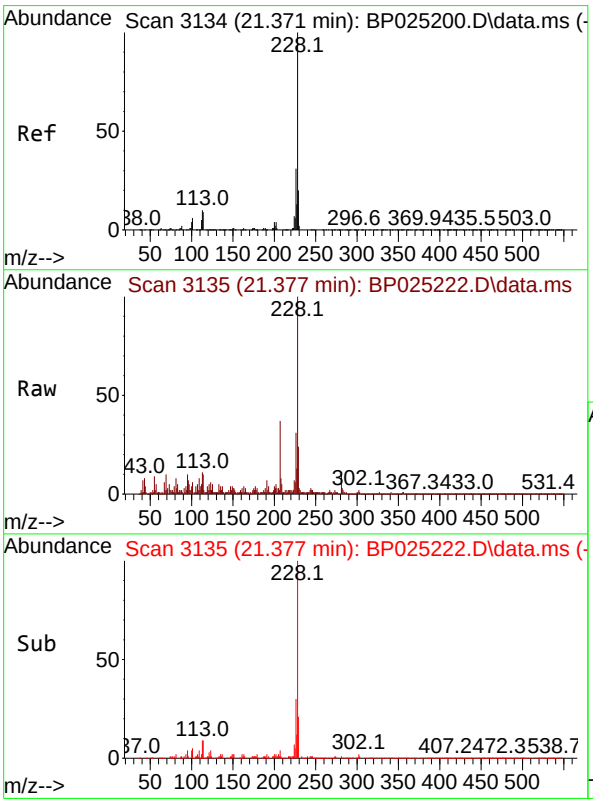

#81
Benzo(a)anthracene
Concen: 4.749 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.071 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:228 Resp: 911395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 22.3 | 33.5 |
| 229 | 23.8 | 16.2 | 24.2 |

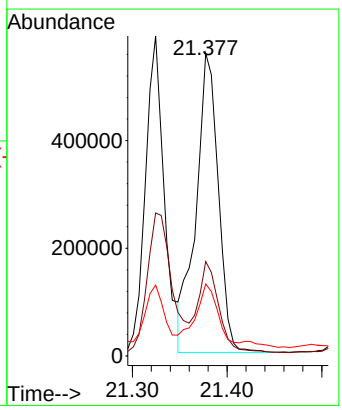


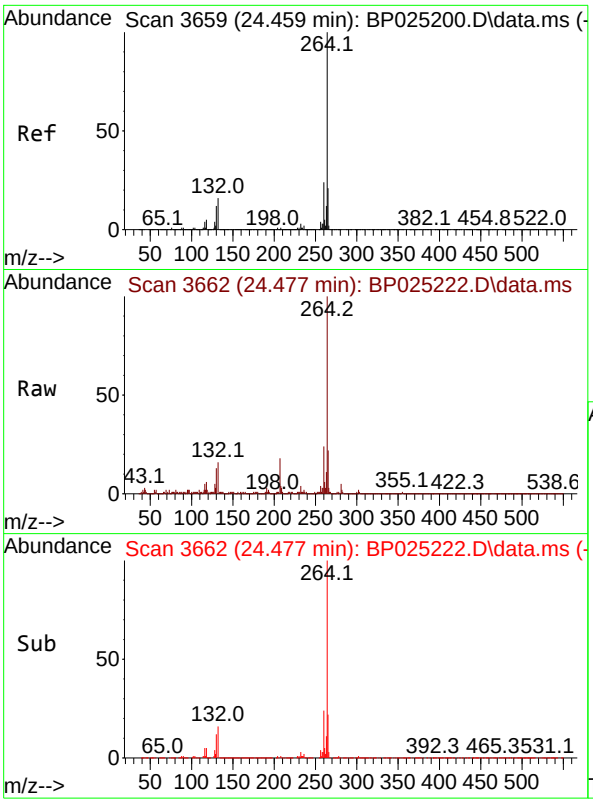




#83
Chrysene
Concen: 5.099 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:228 Resp: 913415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.6 | 37.0 |
| 229 | 23.8 | 16.0 | 24.0 |



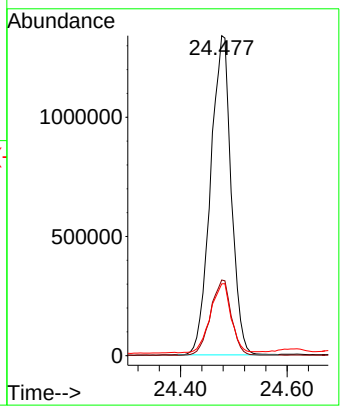


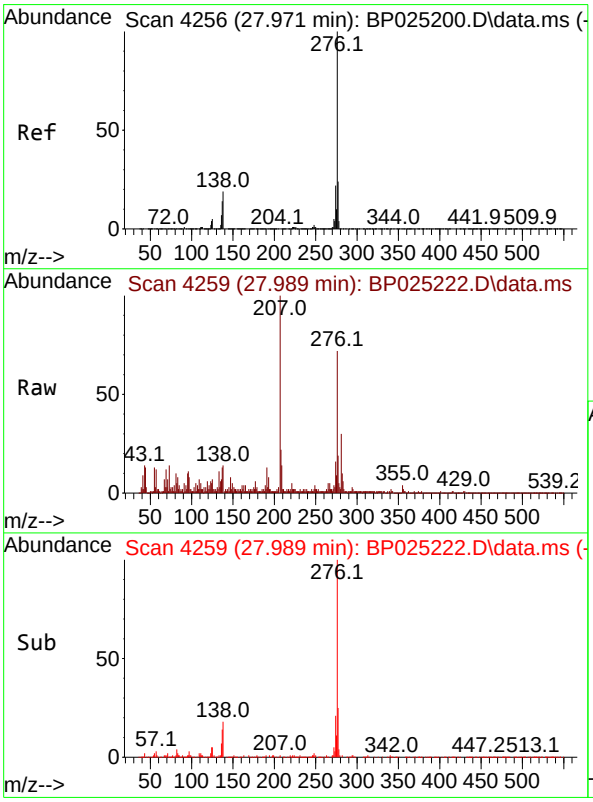

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:264 Resp: 3598510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.0 | 28.6 |
| 265 | 22.4 | 17.5 | 26.3 |

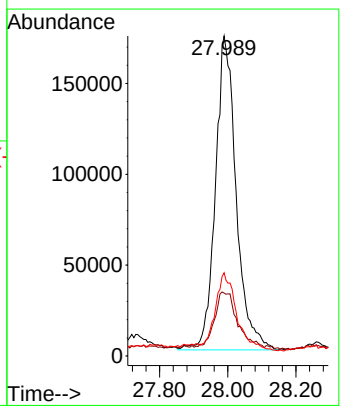


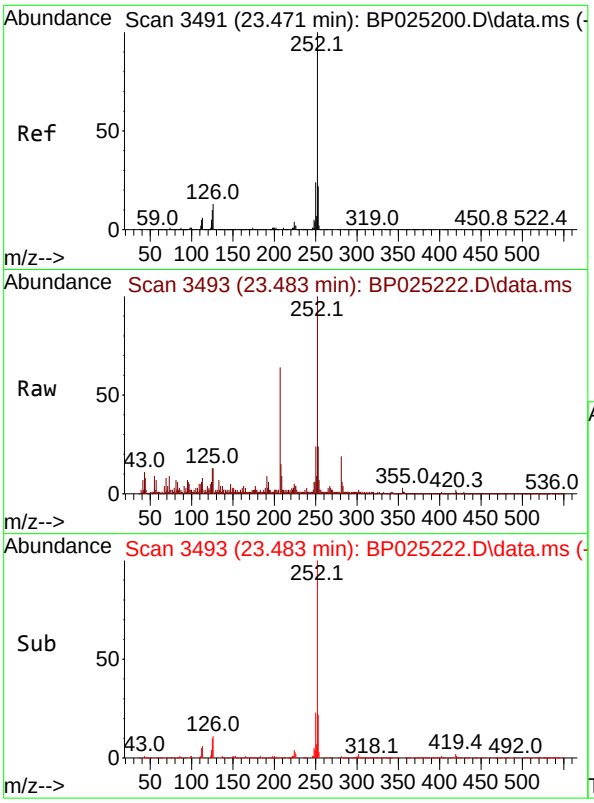




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.780 ng
RT: 27.989 min Scan# 4259
Delta R.T. 0.018 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 12.8 | 19.2# |
| 277 | 25.7 | 20.3 | 30.5 |



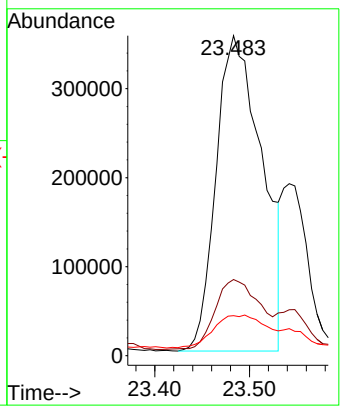


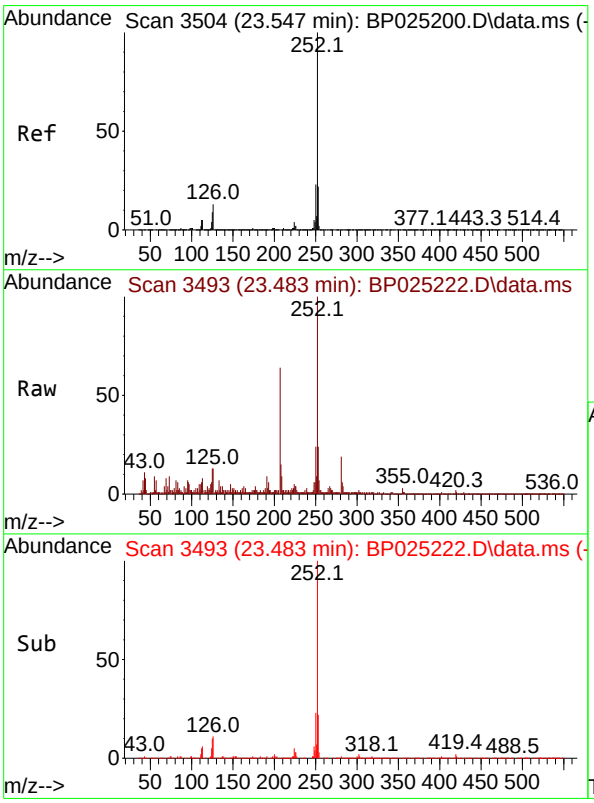

#88
Benzo(b)fluoranthene
Concen: 5.793 ng
RT: 23.483 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:252 Resp: 1193321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 12.5 | 7.8 | 11.8# |

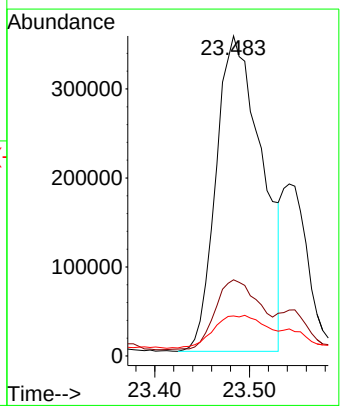


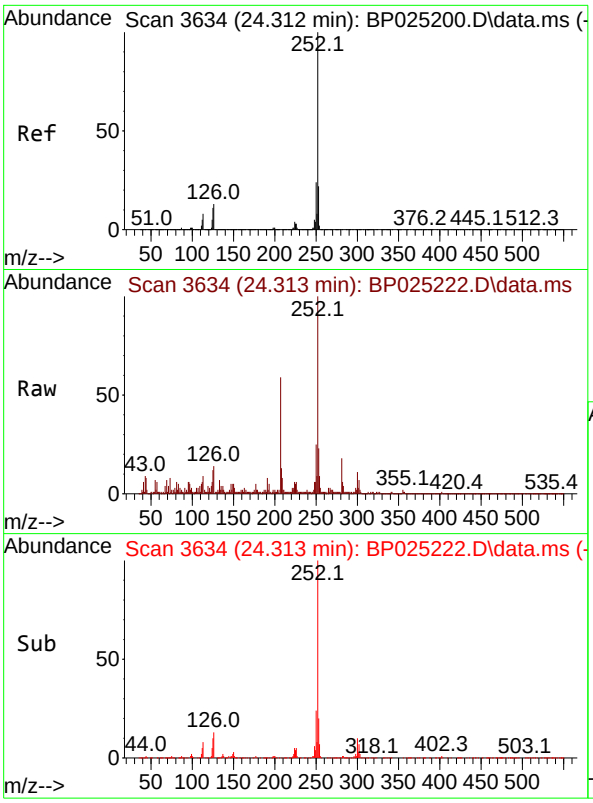




#89
Benzo(k)fluoranthene
Concen: 5.868 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.064 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:252 Resp: 1193321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 17.8 | 26.6 |
| 125 | 12.5 | 7.5 | 11.3# |



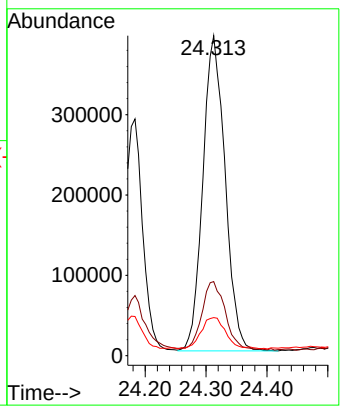


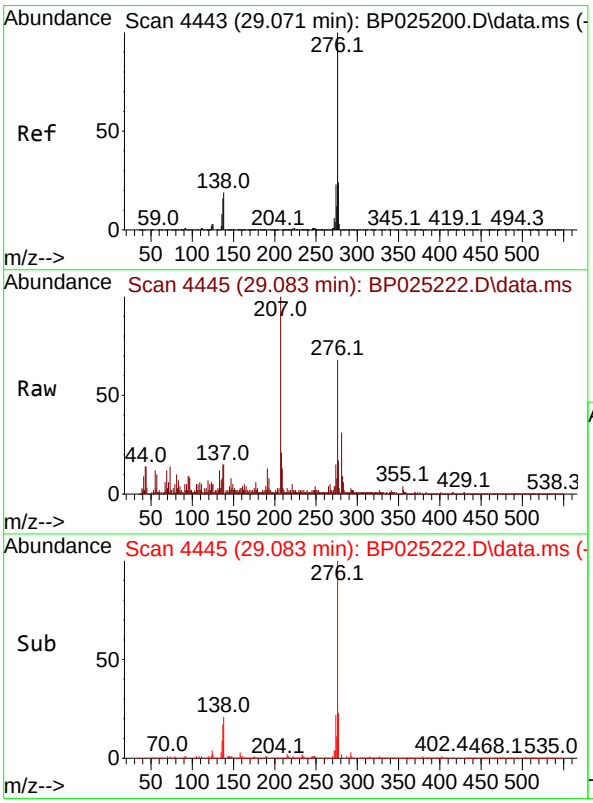

#90
Benzo(a)pyrene
Concen: 4.949 ng
RT: 24.313 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725

Tgt Ion:252 Resp: 994520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.8 | 26.6 |
| 125 | 11.9 | 8.6 | 12.8 |

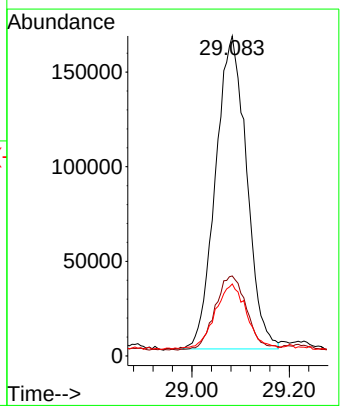



#92
Benzo(g,h,i)perylene
Concen: 3.471 ng
RT: 29.083 min Scan# 4445
Delta R.T. 0.012 min
Lab File: BP025222.D
Acq: 23 Jul 2025 13:28

Tgt Ion:276 Resp: 731804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 19.2 | 28.8 |
| 138 | 22.5 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 421897 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 1750040 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1174318 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 2549406 | 20.000 | ng | 0.01 |
| 76) Chrysene-d12 | 21.348 | 240 | 2750456 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.489 | 264 | 3266187 | 20.000 | ng | 0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1978949 | 79.254 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2523247 | 81.590 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 2547924 | 80.910 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.619 | 330 | 1523626 | 88.010 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.684 | 172 | 6706884 | 80.519 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11843736 | 85.004 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 362391 | 38.724 | ng | 99 |
| 3) Pyridine | 3.490 | 79 | 970000 | 38.721 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 391174 | 39.375 | ng | 95 |
| 6) Aniline | 6.778 | 93 | 1645967 | 40.717 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1145574 | 40.435 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 821679 | 39.187 | ng | 100 |
| 10) Phenol | 6.666 | 94 | 1310286 | 40.854 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 968101 | 39.372 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1257357 | 39.465 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1281149 | 39.837 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 1232371 | 39.835 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 914524 | 40.996 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.960 | 45 | 1228018 | 39.032 | ng | 99 |
| 17) 2-Methylphenol | 7.884 | 107 | 918321 | 41.301 | ng | 99 |
| 18) Hexachloroethane | 8.490 | 117 | 429581 | 38.843 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 762902 | 41.006 | ng | 100 |
| 20) 3+4-Methylphenols | 8.202 | 107 | 1255779 | 41.404 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1626199 | 39.934 | ng | 98 |
| 24) Nitrobenzene | 8.607 | 77 | 1134306 | 40.408 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 2165372 | 39.102 | ng | 100 |
| 26) 2-Nitrophenol | 9.313 | 139 | 672219 | 41.700 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.390 | 122 | 1088351 | 40.348 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 1342968 | 38.771 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 1139279 | 41.112 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.054 | 180 | 1203645 | 39.767 | ng | 99 |
| 31) Naphthalene | 10.231 | 128 | 3569658 | 39.861 | ng | 99 |
| 32) Benzoic acid | 9.537 | 122 | 988555 | 48.005 | ng | 99 |
| 33) 4-Chloroaniline | 10.343 | 127 | 1623996 | 41.255 | ng | 100 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 713422 | 39.161 | ng | 99 |
| 35) Caprolactam | 11.137 | 113 | 387211 | 42.101 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.490 | 107 | 1163924 | 42.016 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 2317760 | 39.858 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 2485497 | 40.690 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1395264 | 39.638 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.225 | 237 | 559822 | 26.642 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.490 | 196 | 982275 | 40.841 | ng | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

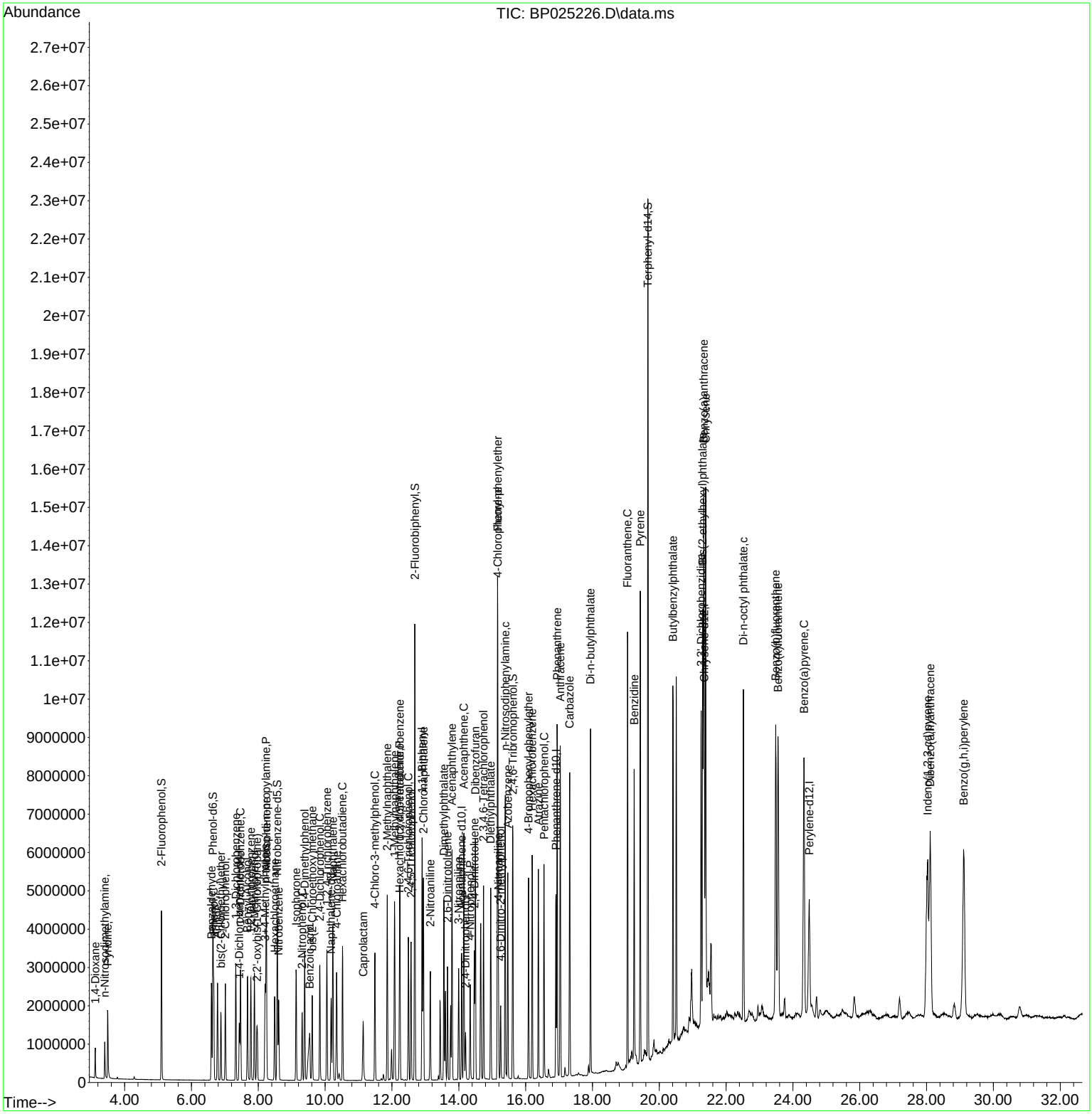
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.572 | 196 | 1087142 | 41.075 | ng | | 99 |
| 46) 1,1'-Biphenyl | 12.901 | 154 | 3358747 | 39.455 | ng | | 100 |
| 47) 2-Chloronaphthalene | 12.943 | 162 | 2671858 | 40.201 | ng | | 99 |
| 48) 2-Nitroaniline | 13.148 | 65 | 710602 | 41.867 | ng | | 99 |
| 49) Acenaphthylene | 13.795 | 152 | 4399537 | 40.927 | ng | | 100 |
| 50) Dimethylphthalate | 13.554 | 163 | 3275604 | 39.003 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.660 | 165 | 748217 | 41.002 | ng | | 96 |
| 52) Acenaphthene | 14.154 | 154 | 2517373 | 40.497 | ng | | 100 |
| 53) 3-Nitroaniline | 13.995 | 138 | 874454 | 42.494 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 327781 | 30.316 | ng | | 98 |
| 55) Dibenzofuran | 14.495 | 168 | 4104990 | 40.883 | ng | | 99 |
| 56) 4-Nitrophenol | 14.342 | 139 | 779949 | 44.292 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.466 | 165 | 1099838 | 43.057 | ng | | 96 |
| 58) Fluorene | 15.160 | 166 | 3352512 | 42.056 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.742 | 232 | 1007332 | 43.006 | ng | | 100 |
| 60) Diethylphthalate | 14.954 | 149 | 3330481 | 40.235 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.166 | 204 | 1645291 | 40.846 | ng | | 99 |
| 62) 4-Nitroaniline | 15.184 | 138 | 938362 | 44.837 | ng | | 99 |
| 63) Azobenzene | 15.466 | 77 | 2832864 | 41.997 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.254 | 198 | 483541 | 29.390 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.389 | 169 | 2952463 | 38.155 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.089 | 248 | 1134789 | 38.140 | ng | | 99 |
| 68) Hexachlorobenzene | 16.195 | 284 | 1386355 | 39.236 | ng | | 97 |
| 69) Atrazine | 16.384 | 200 | 1142872 | 39.913 | ng | | 99 |
| 70) Pentachlorophenol | 16.554 | 266 | 1017463 | 42.346 | ng | | 100 |
| 71) Phenanthrene | 16.942 | 178 | 5574744 | 40.543 | ng | | 100 |
| 72) Anthracene | 17.036 | 178 | 5802800 | 41.892 | ng | | 99 |
| 73) Carbazole | 17.319 | 167 | 5518563 | 41.734 | ng | | 100 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 6332663 | 41.506 | ng | | 100 |
| 75) Fluoranthene | 19.048 | 202 | 6660238 | 41.156 | ng | | 99 |
| 77) Benzidine | 19.248 | 184 | 4198464 | 43.479 | ng | | 99 |
| 78) Pyrene | 19.430 | 202 | 7026109 | 41.430 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3175224 | 41.362 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.330 | 228 | 7079313 | 40.758 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.254 | 252 | 2912207 | 40.448 | ng | | 99 |
| 83) Chrysene | 21.389 | 228 | 6542329 | 40.349 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 4635740 | 42.232 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.518 | 149 | 7969743 | 42.046 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.036 | 276 | 7991209 | 33.480 | ng | # | 84 |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 7353598 | 39.332 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.554 | 252 | 7478960 | 40.521 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.330 | 252 | 7205655 | 39.502 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.106 | 278 | 7603495 | 39.046 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.106 | 276 | 7447383 | 38.916 | ng | | 99 |

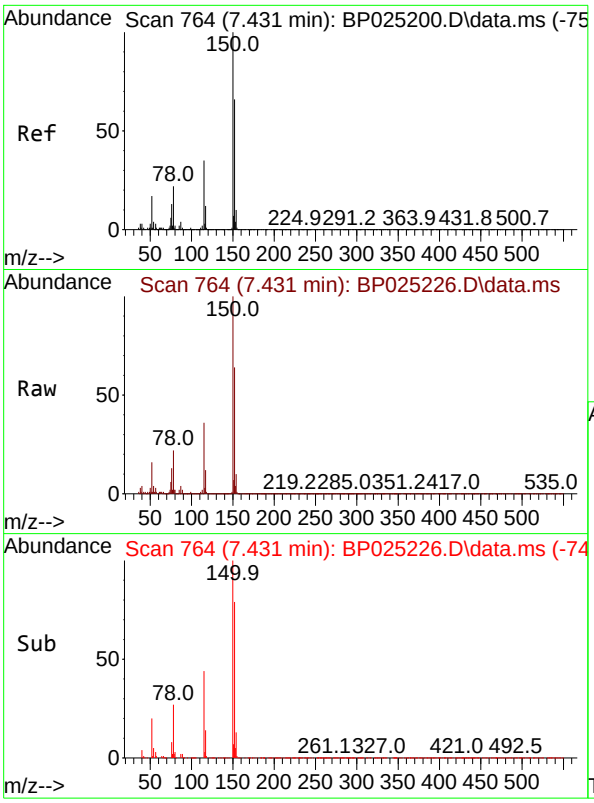
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jul 23 16:34:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



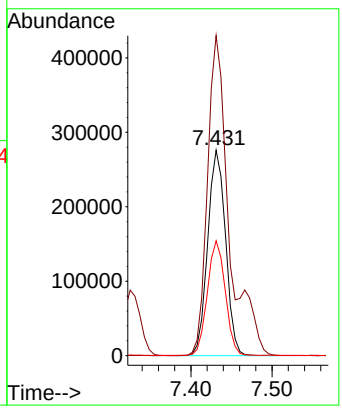


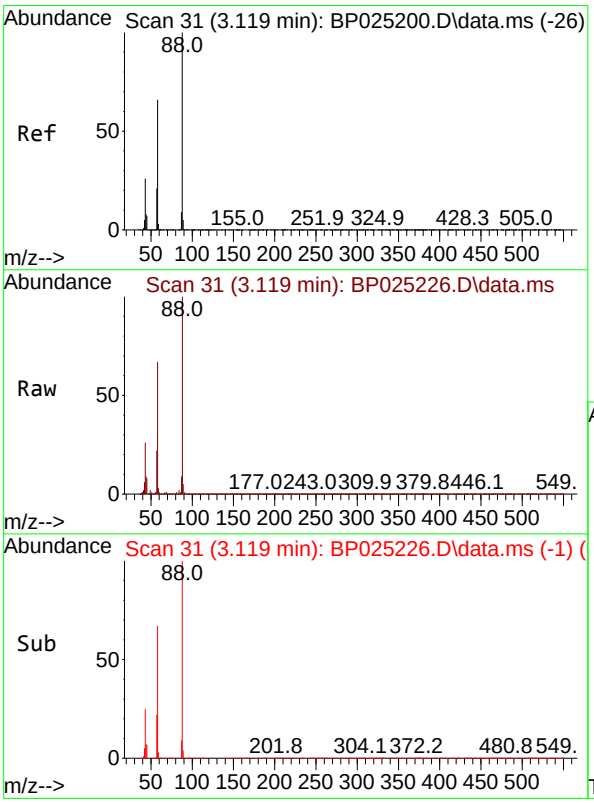

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 421897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 121.9 | 182.9 |
| 115 | 55.9 | 43.0 | 64.6 |

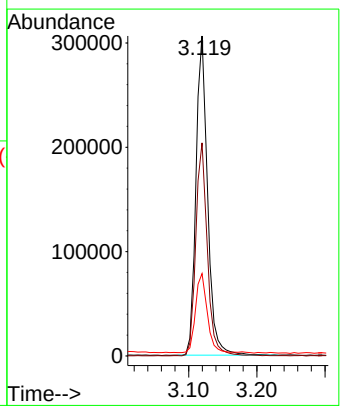


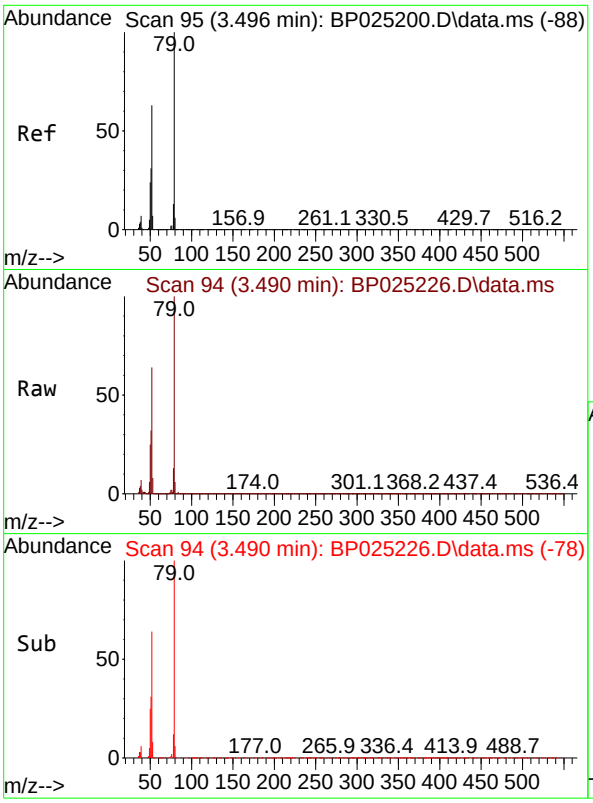




#2
1,4-Dioxane
Concen: 38.724 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 88 Resp: 362391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 53.5 | 80.3 |
| 43 | 24.9 | 20.8 | 31.2 |



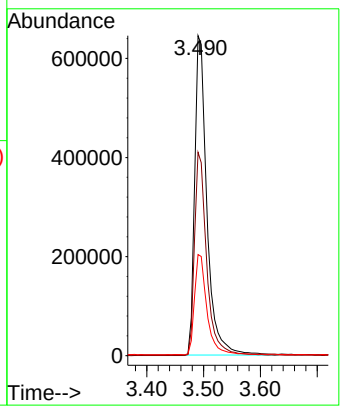


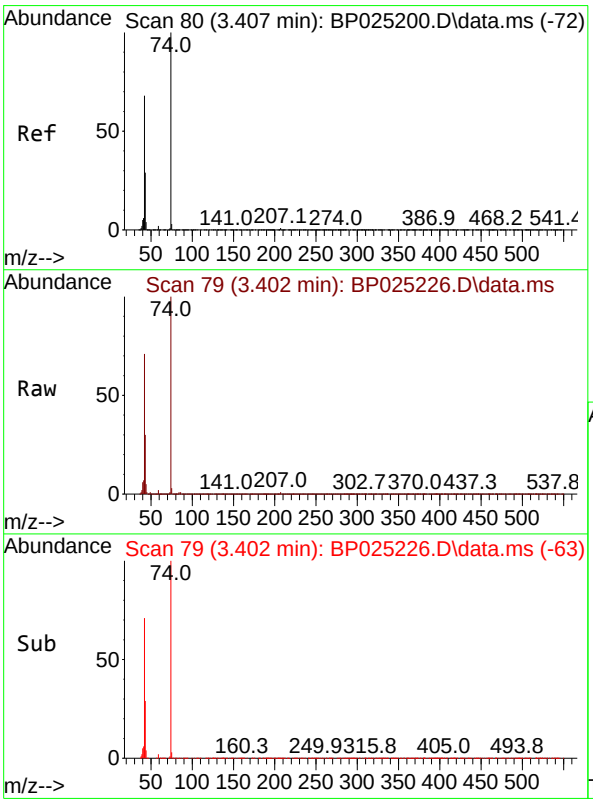

#3
Pyridine
Concen: 38.721 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 970000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.5 | 50.2 | 75.4 |
| 51 | 31.6 | 25.0 | 37.4 |

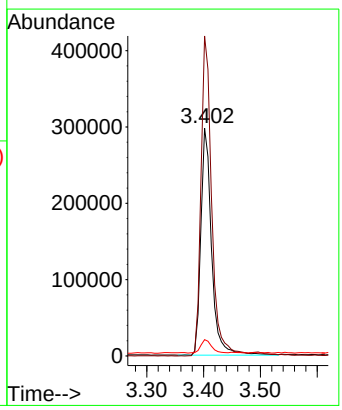


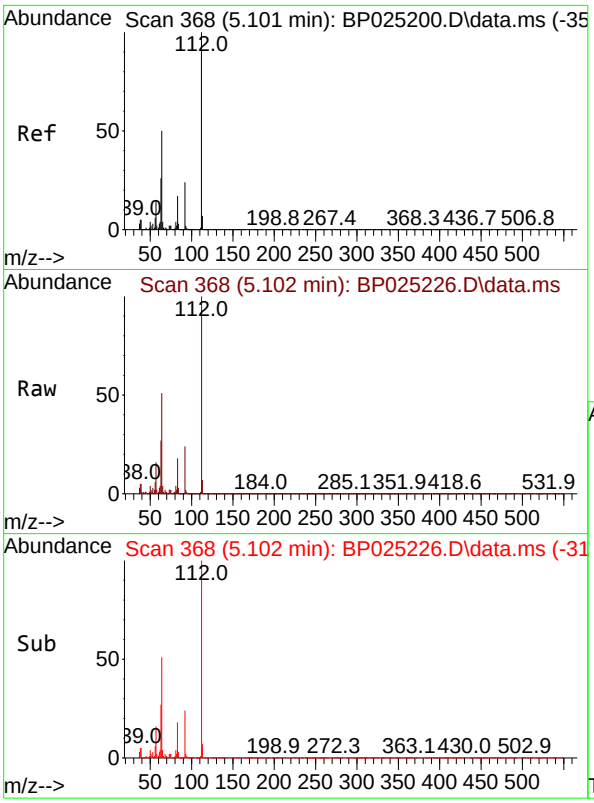




#4
n-Nitrosodimethylamine
Concen: 39.375 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 42 Resp: 391174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.4 | 118.0 | 177.0 |
| 44 | 7.1 | 5.5 | 8.3 |



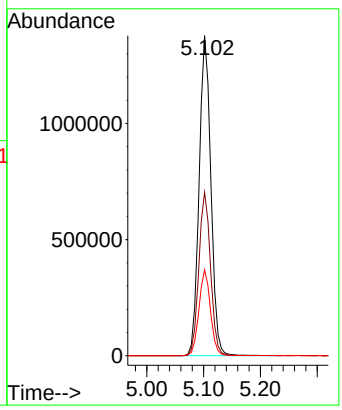


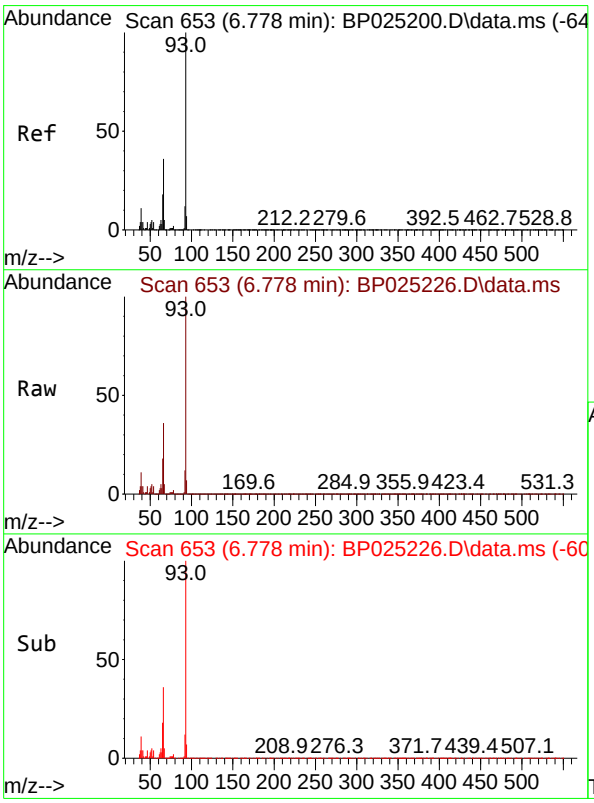

#5
2-Fluorophenol
Concen: 79.254 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 1978949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.1 | 39.8 | 59.6 |
| 63 | 26.8 | 20.5 | 30.7 |

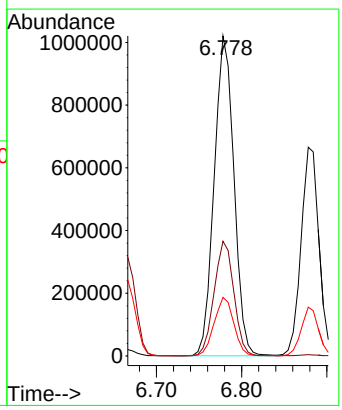


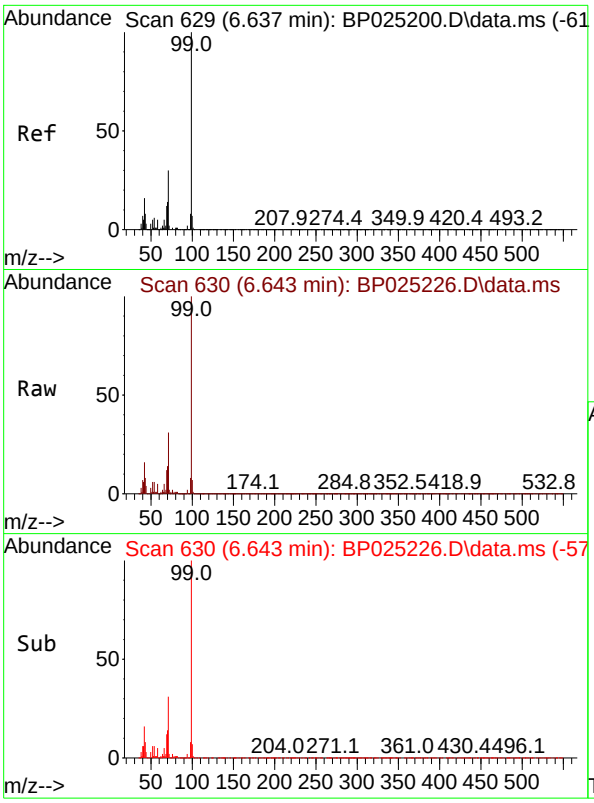




#6
Aniline
Concen: 40.717 ng
RT: 6.778 min Scan# 653
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1645967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.8 | 28.6 | 43.0 |
| 65 | 18.3 | 14.6 | 21.8 |



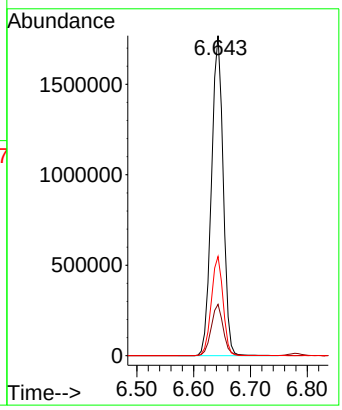


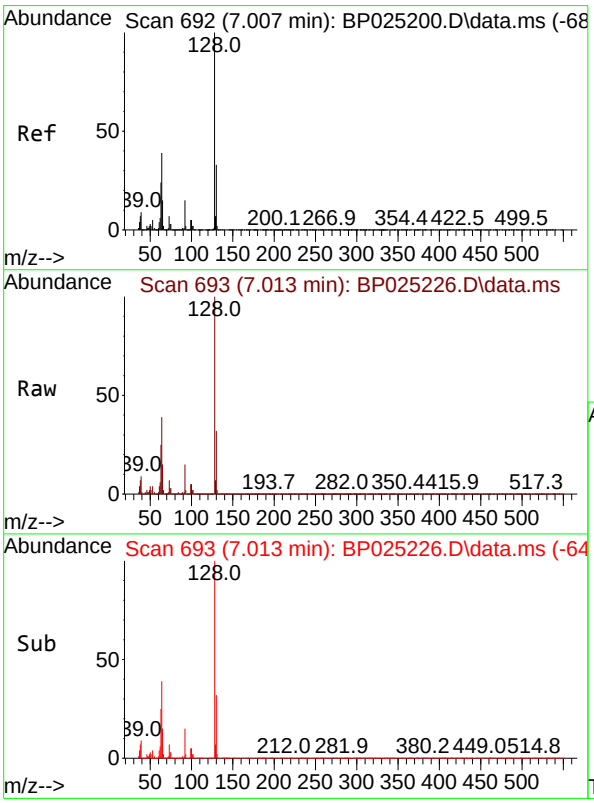

#7
Phenol-d6
Concen: 81.590 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 2523247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.5 | 18.7 |
| 71 | 31.0 | 24.2 | 36.2 |

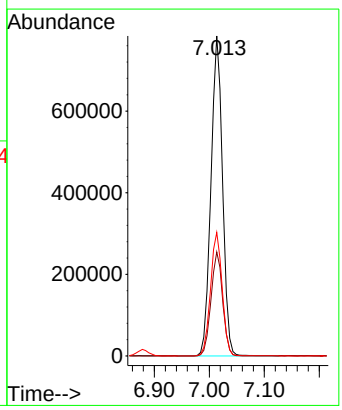


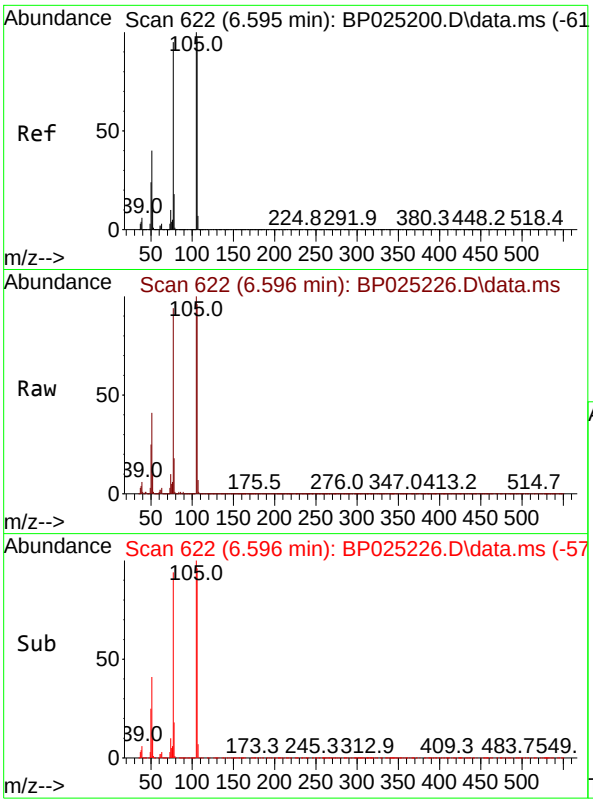




#8
2-Chlorophenol
Concen: 40.435 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:128 Resp: 1145574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.9 | 52.9 |
| 64 | 38.6 | 19.2 | 59.2 |



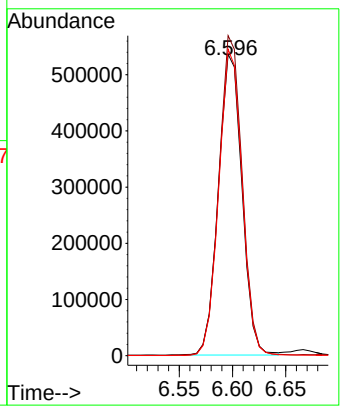


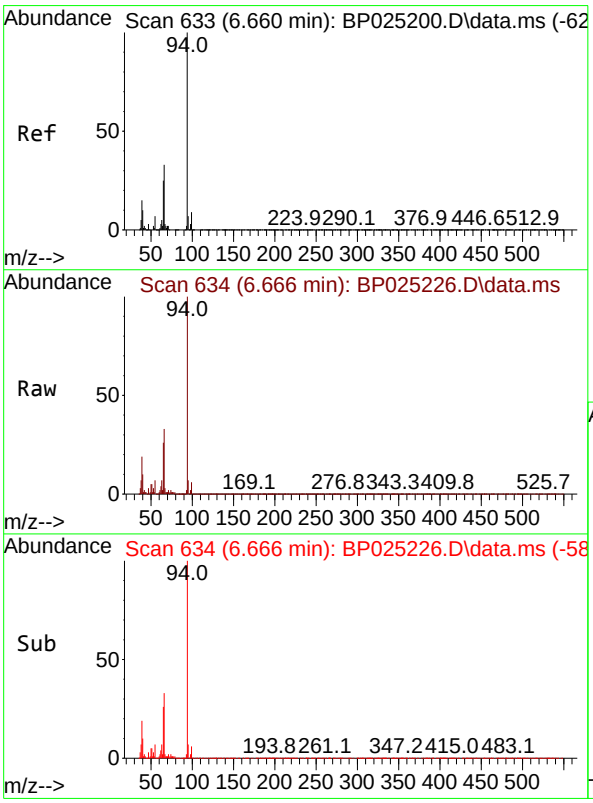

#9
Benzaldehyde
Concen: 39.187 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 821679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.1 | 85.5 | 125.5 |
| 106 | 101.6 | 81.9 | 121.9 |

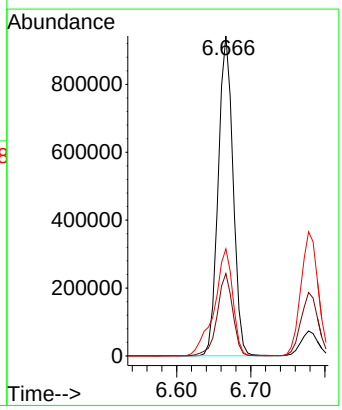


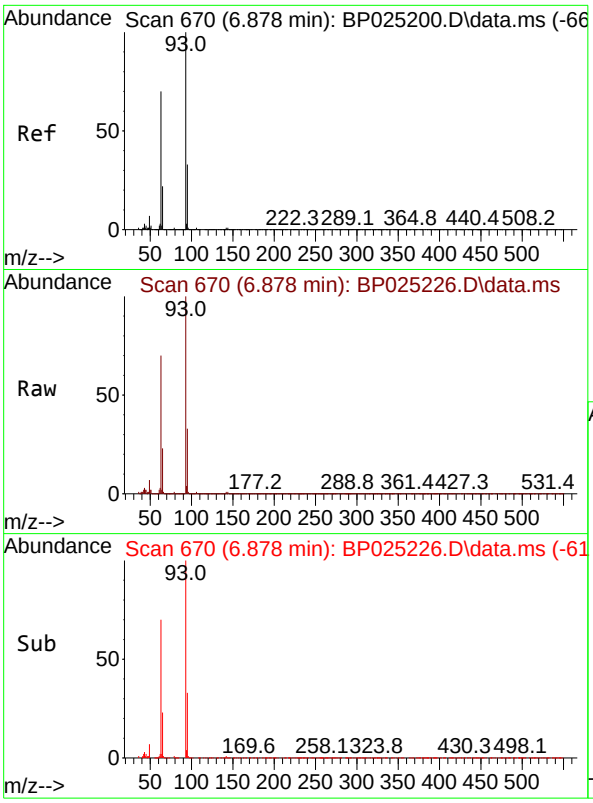




#10
Phenol
Concen: 40.854 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 94 Resp: 1310286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.8 | 5.4 | 45.4 |
| 66 | 33.5 | 13.5 | 53.5 |



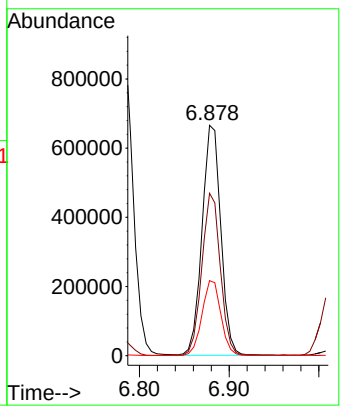


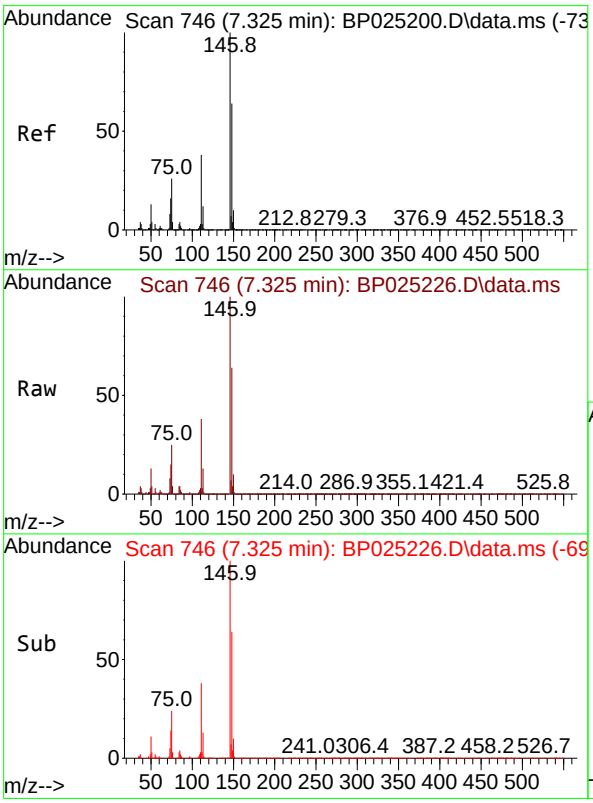

#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 968101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.5 | 50.0 | 90.0 |
| 95 | 32.6 | 12.9 | 52.9 |

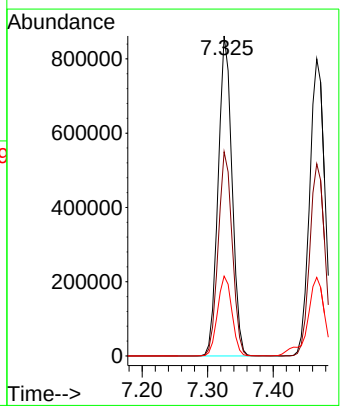


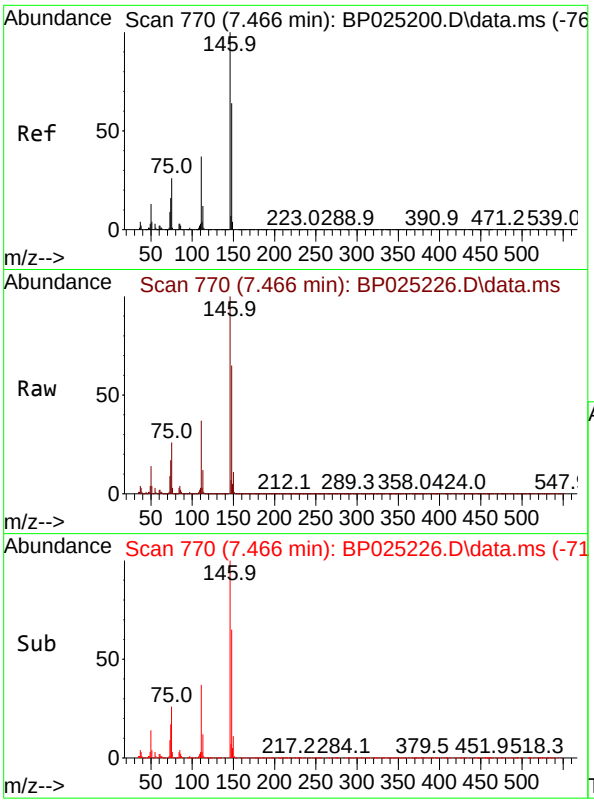




#12
1,3-Dichlorobenzene
Concen: 39.465 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1257357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.4 | 77.0 |
| 75 | 25.0 | 20.6 | 31.0 |



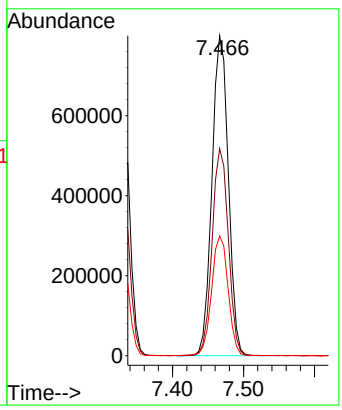


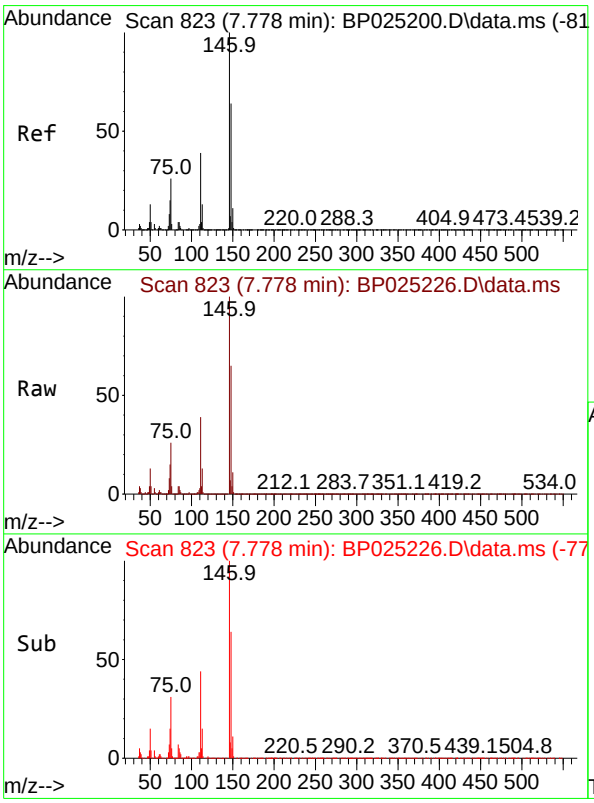

#13
1,4-Dichlorobenzene
Concen: 39.837 ng
RT: 7.466 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 1281149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 37.5 | 29.9 | 44.9 |

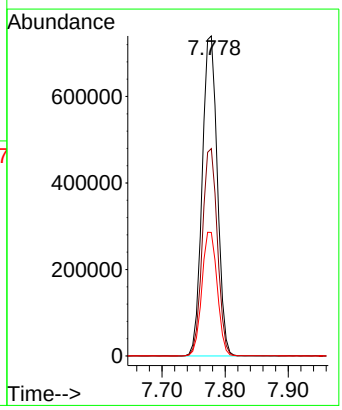


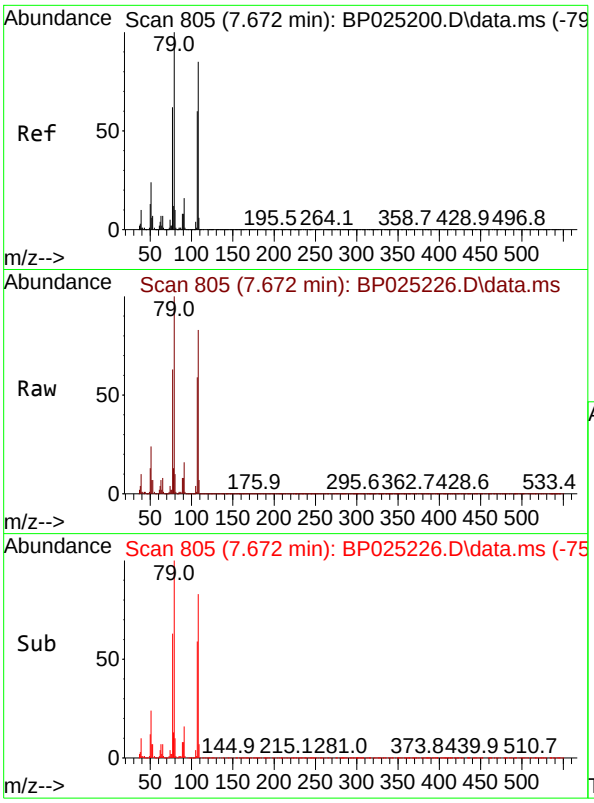




#14
1,2-Dichlorobenzene
Concen: 39.835 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:146 Resp: 1232371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.5 | 77.3 |
| 111 | 38.6 | 31.3 | 46.9 |



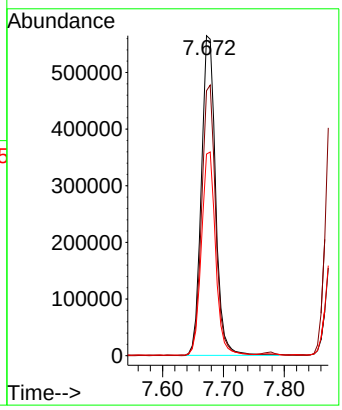


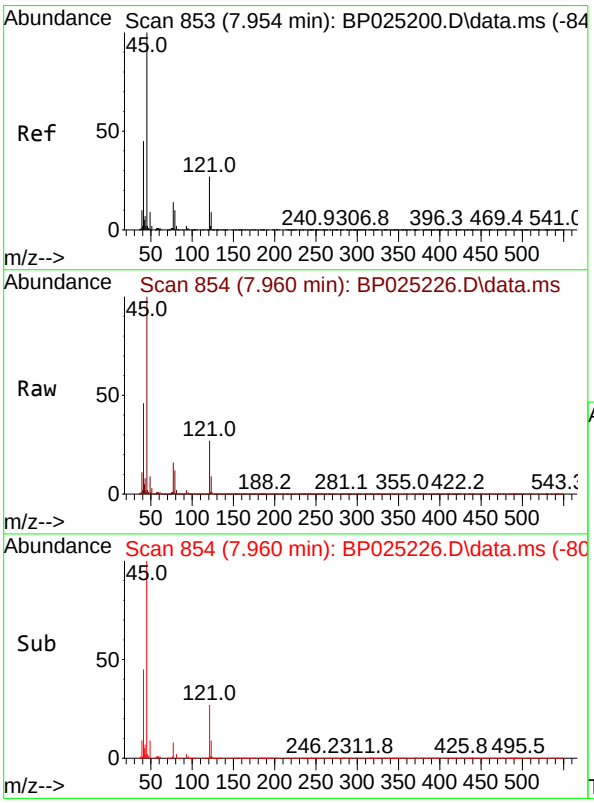

#15
Benzyl Alcohol
Concen: 40.996 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 914524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.8 | 67.8 | 101.6 |
| 77 | 63.0 | 49.9 | 74.9 |

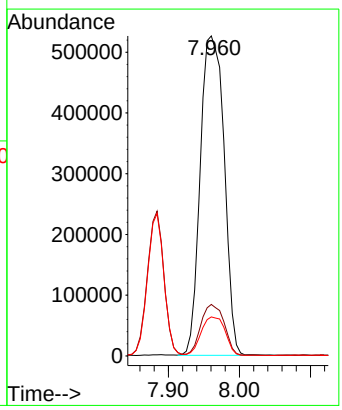


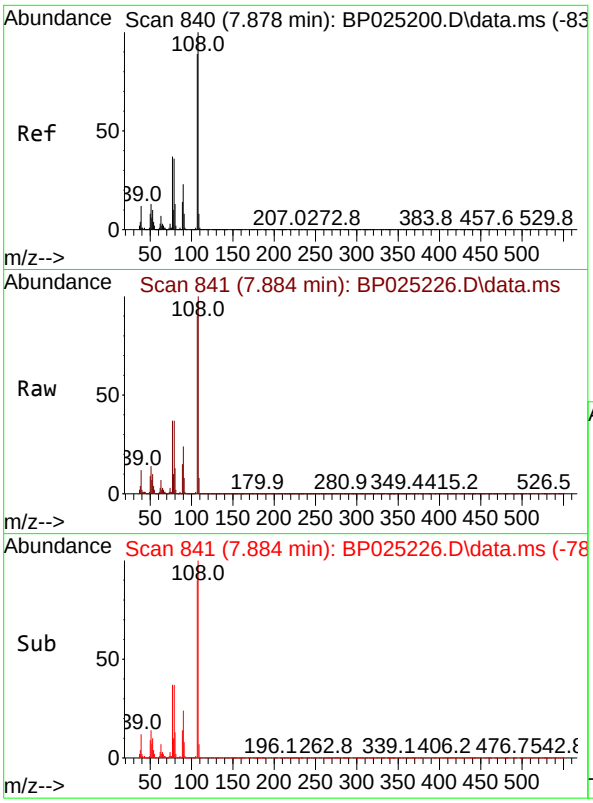




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.960 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 45 Resp: 1228018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.1 | 0.0 | 36.0 |
| 79 | 12.2 | 0.0 | 31.7 |



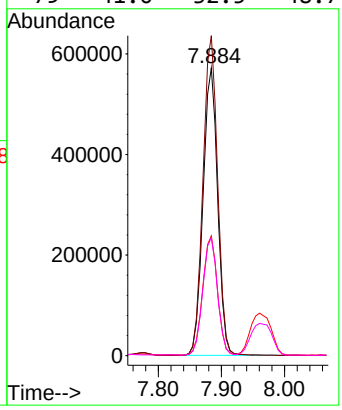


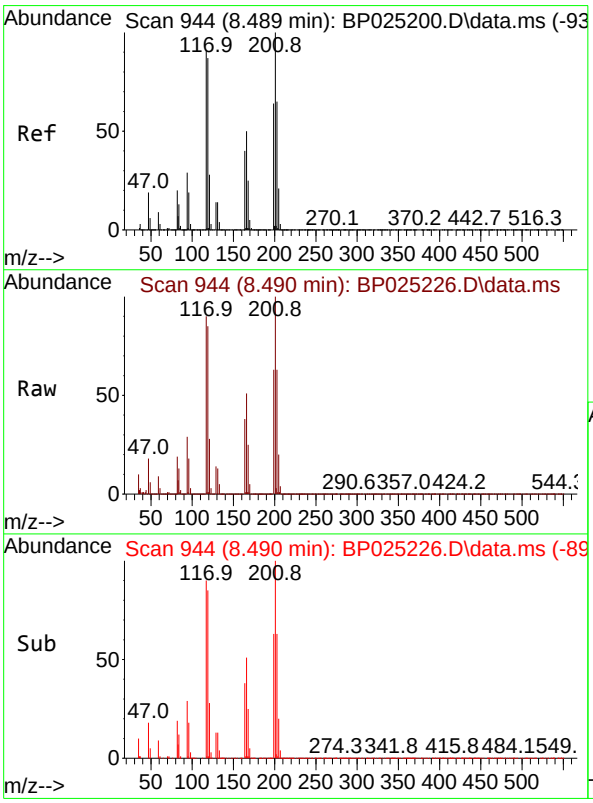

#17
2-Methylphenol
Concen: 41.301 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 918321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.2 | 89.8 | 134.8 |
| 77 | 41.7 | 33.2 | 49.8 |
| 79 | 41.0 | 32.5 | 48.7 |

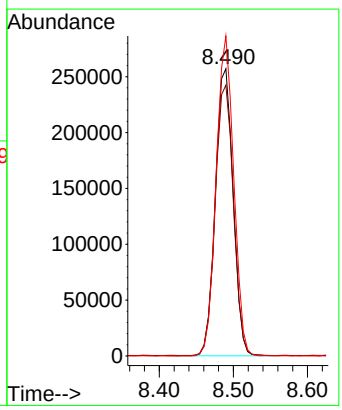


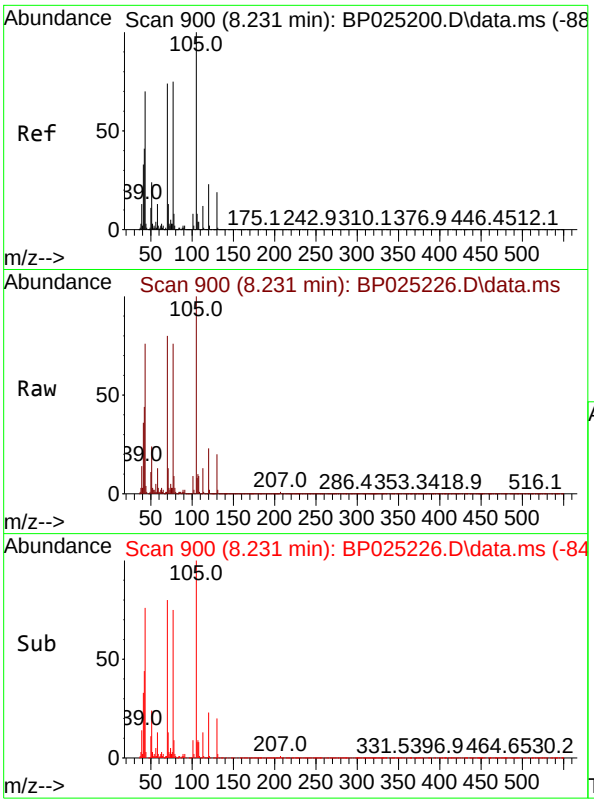




#18
Hexachloroethane
Concen: 38.843 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:117 Resp: 429581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 77.0 | 115.6 |
| 201 | 111.4 | 88.3 | 132.5 |



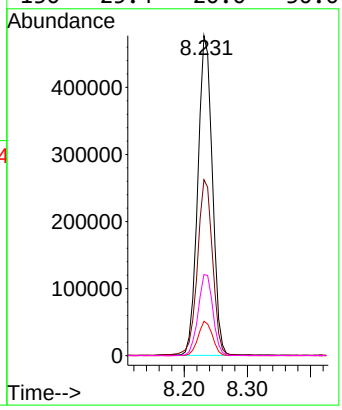


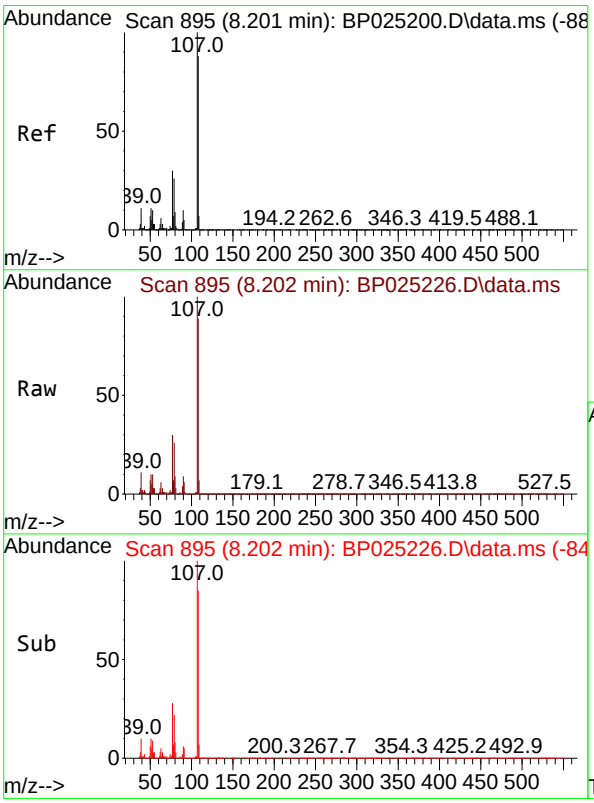

#19
n-Nitroso-di-n-propylamine
Concen: 41.006 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 762902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.0 | 44.2 | 66.2 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 25.4 | 20.0 | 30.0 |

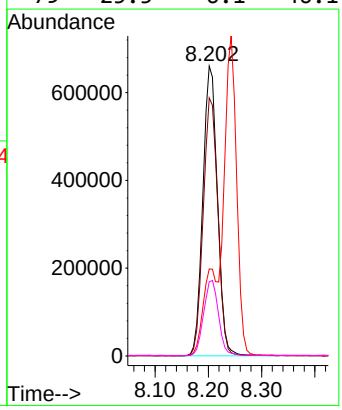


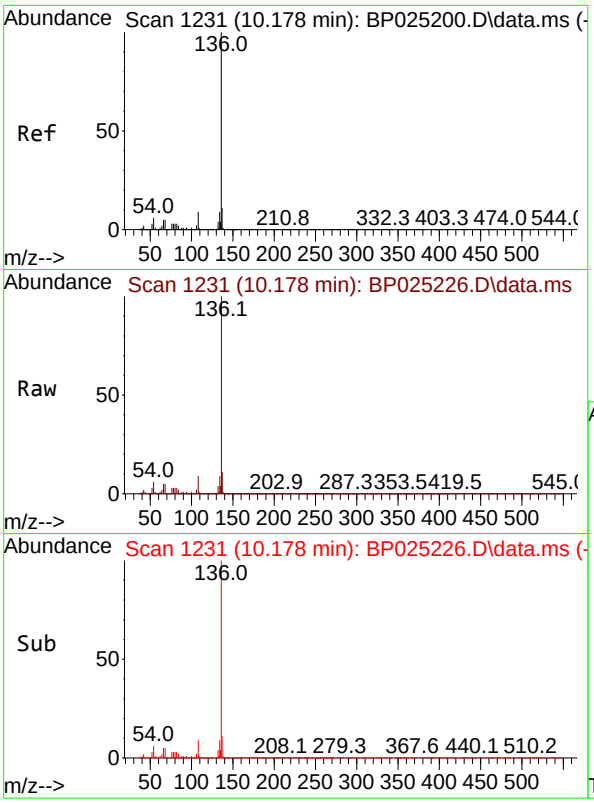




#20
3+4-Methylphenols
Concen: 41.404 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1255779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 67.8 | 107.8 |
| 77 | 30.0 | 10.3 | 50.3 |
| 79 | 25.5 | 6.1 | 46.1 |



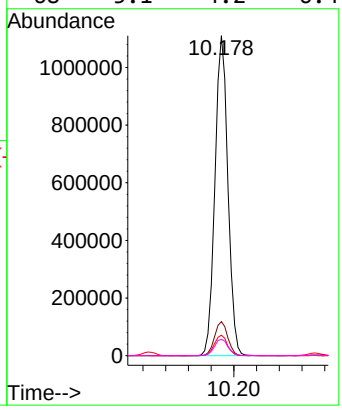


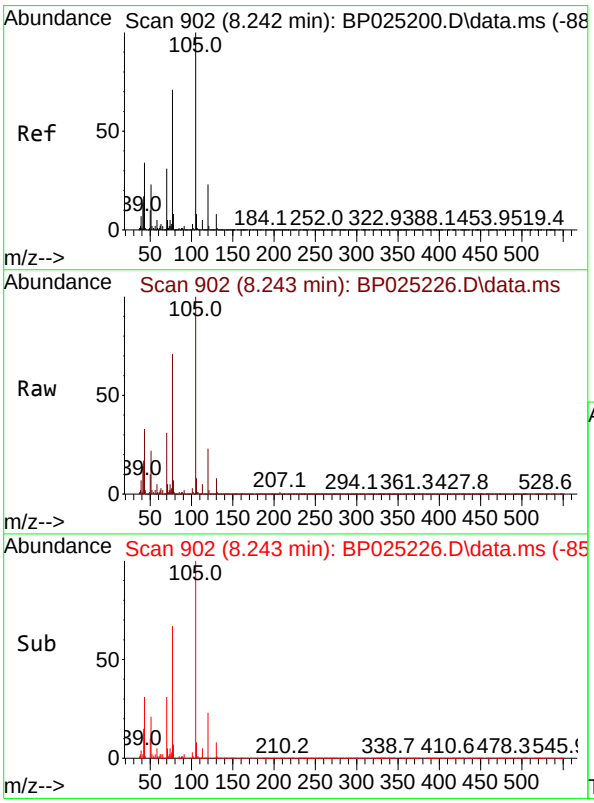

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 1750040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 6.4 | 5.1 | 7.7 |
| 68 | 5.1 | 4.2 | 6.4 |

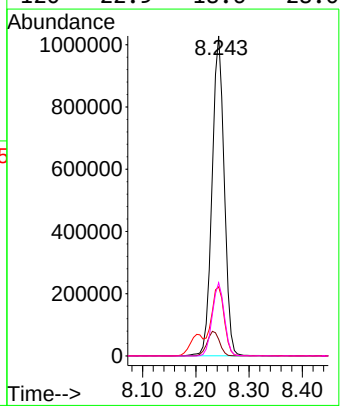


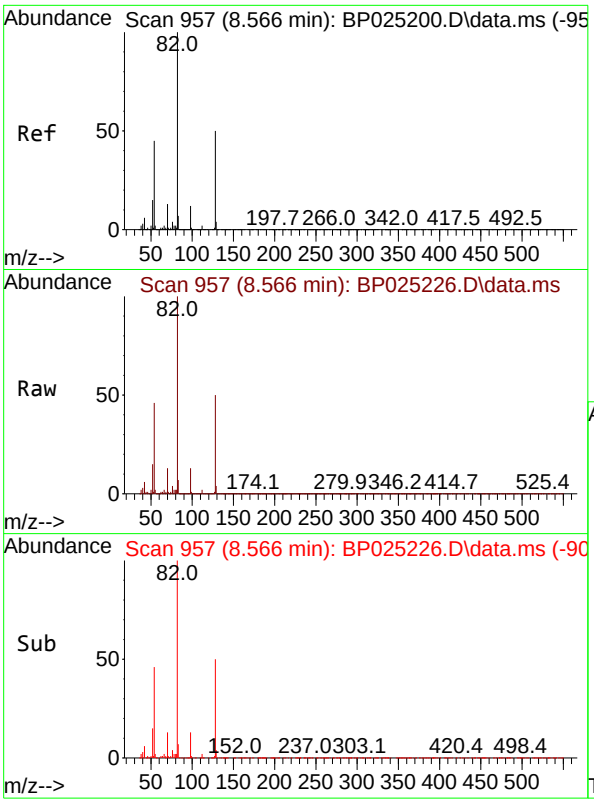




#22
Acetophenone
Concen: 39.934 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:105 Resp: 1626199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.2 | 4.1 | 6.1 |
| 51 | 21.6 | 18.5 | 27.7 |
| 120 | 22.9 | 18.6 | 28.0 |



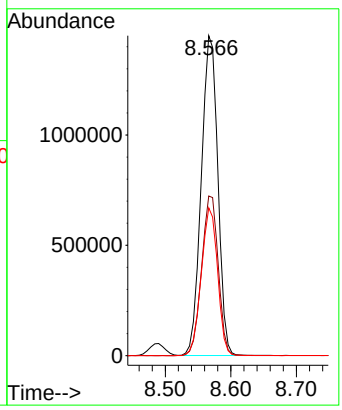


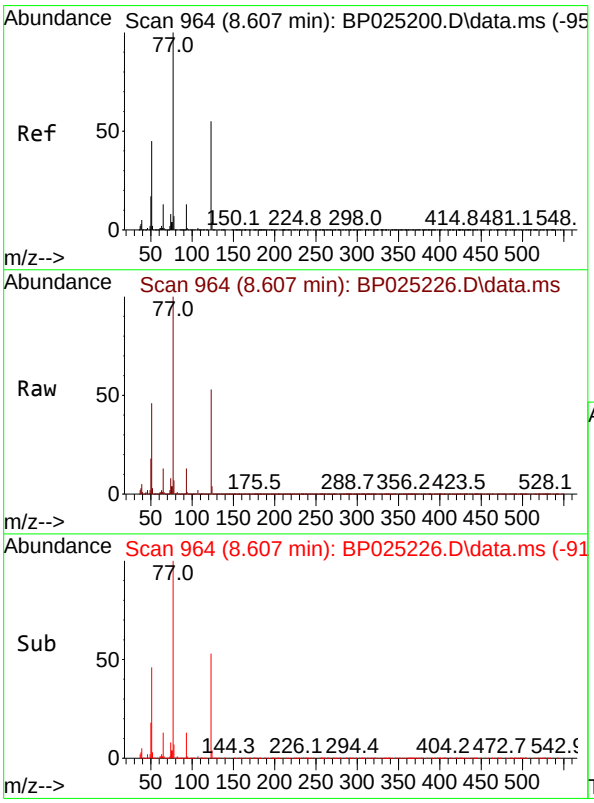

#23
Nitrobenzene-d5
Concen: 80.910 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2547924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 40.2 | 60.4 |
| 54 | 46.2 | 36.3 | 54.5 |

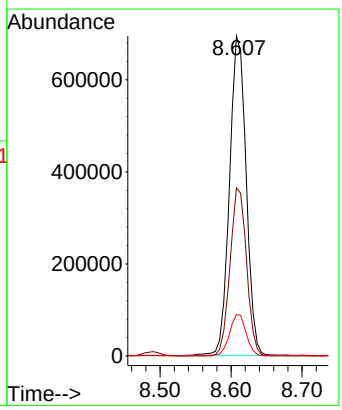


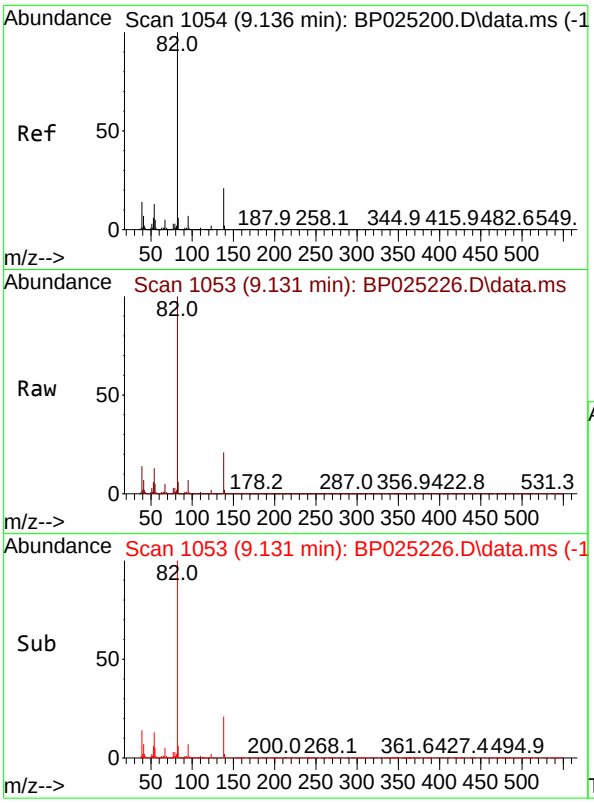




#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 77 Resp: 1134306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.5 | 43.6 | 65.4 |
| 65 | 12.9 | 10.2 | 15.2 |



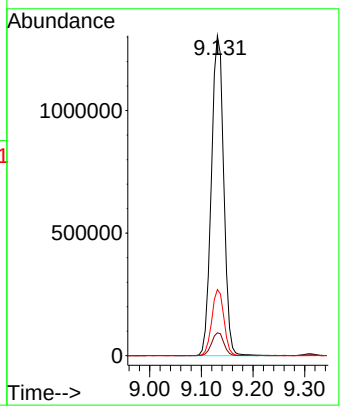


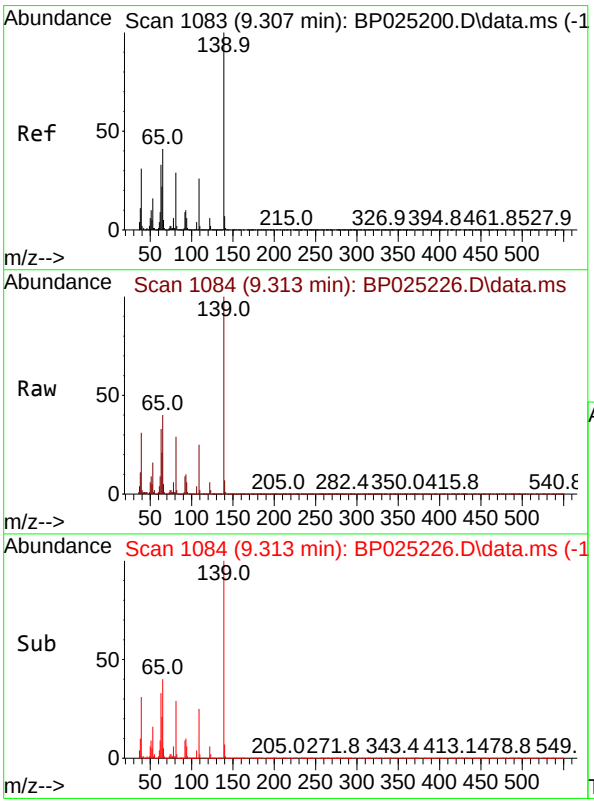

#25
Isophorone
Concen: 39.102 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 2165372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.6 | 8.4 |
| 138 | 20.6 | 16.6 | 25.0 |

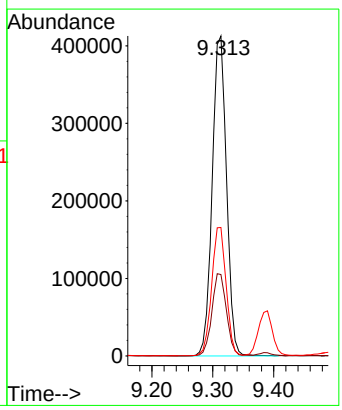


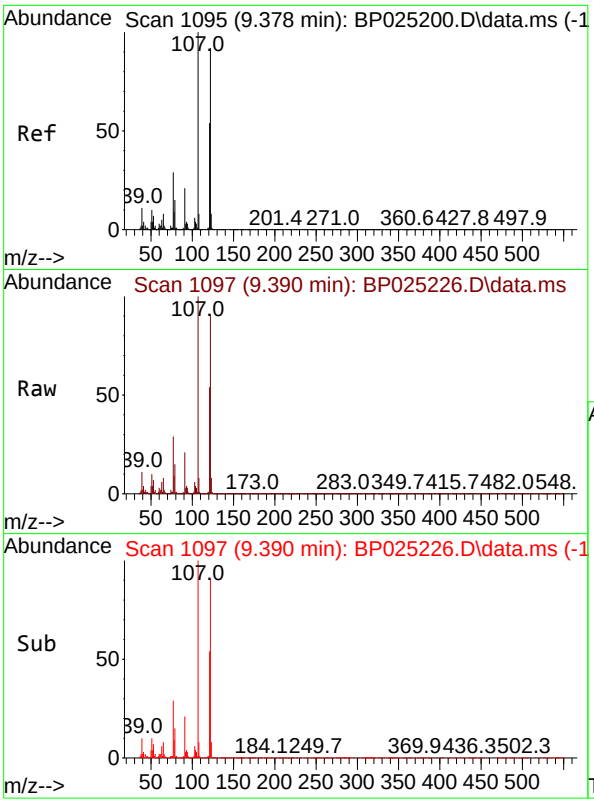




#26
2-Nitrophenol
Concen: 41.700 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 672219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.5 | 21.0 | 31.6 |
| 65 | 40.2 | 32.7 | 49.1 |



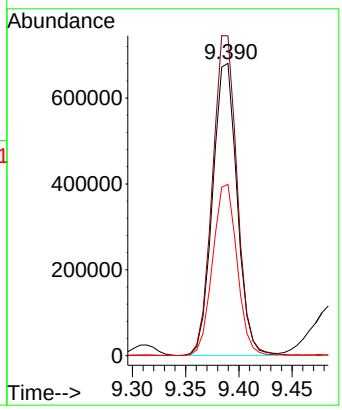


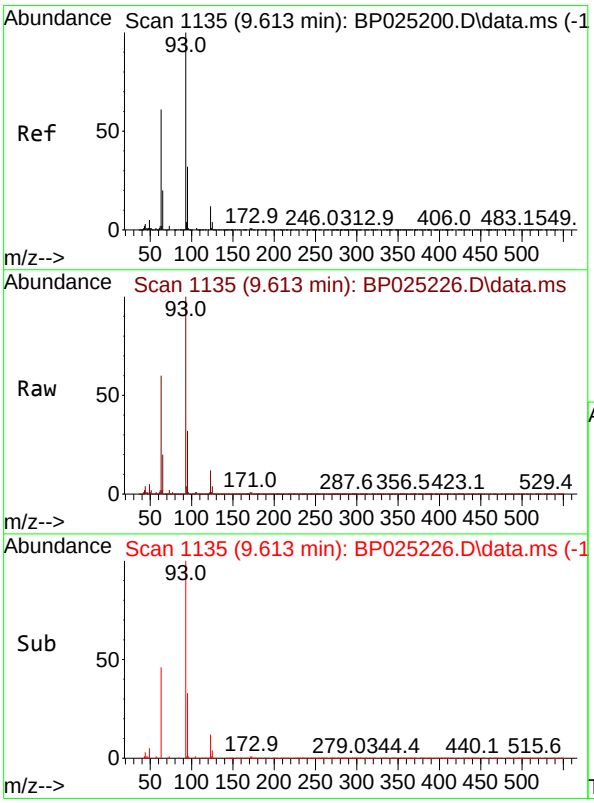

#27
2,4-Dimethylphenol
Concen: 40.348 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 1088351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.5 | 87.0 | 130.4 |
| 121 | 58.6 | 46.7 | 70.1 |

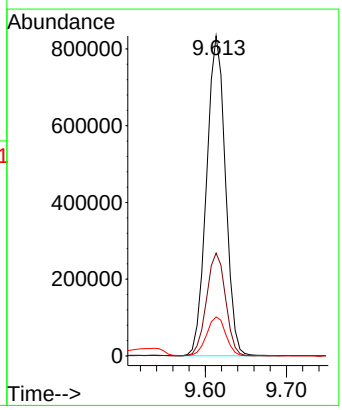


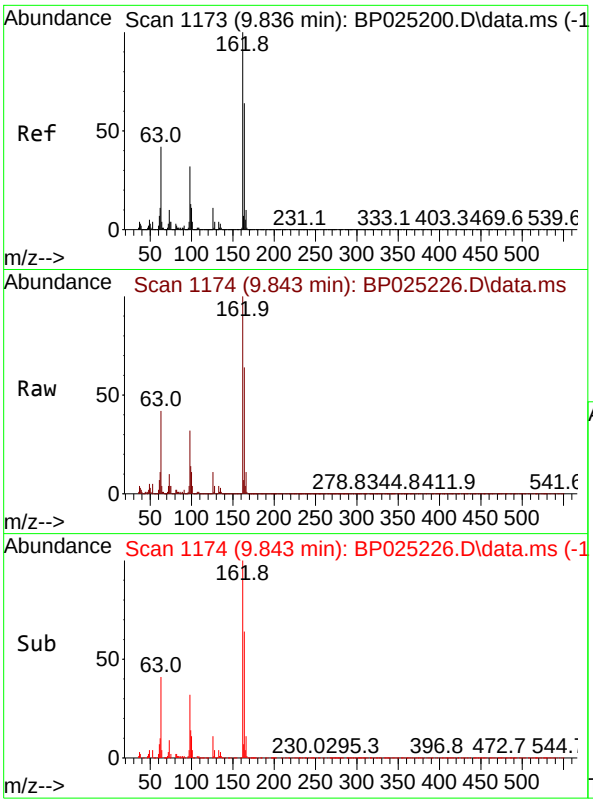




#28
bis(2-Chloroethoxy)methane
Concen: 38.771 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 93 Resp: 1342968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.0 | 39.0 |
| 123 | 12.2 | 9.8 | 14.6 |



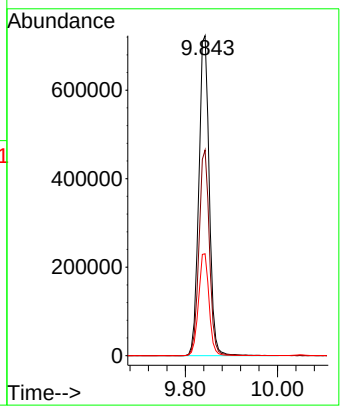


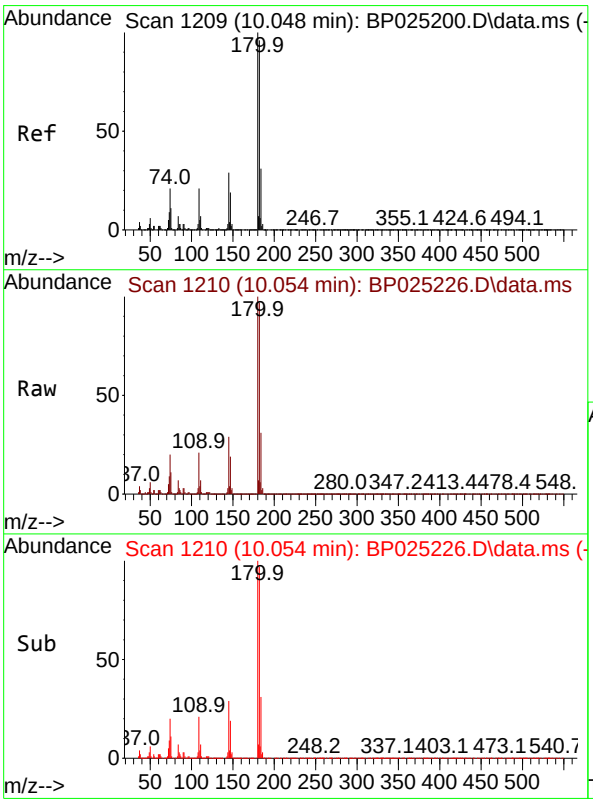

#29
2,4-Dichlorophenol
Concen: 41.112 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 1139279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.2 | 84.2 |
| 98 | 31.8 | 11.7 | 51.7 |

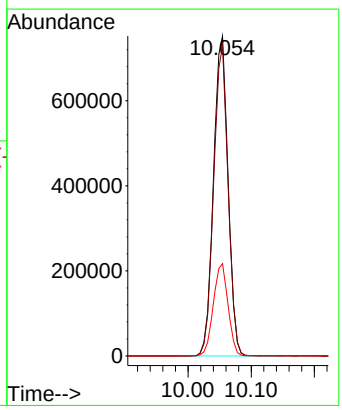


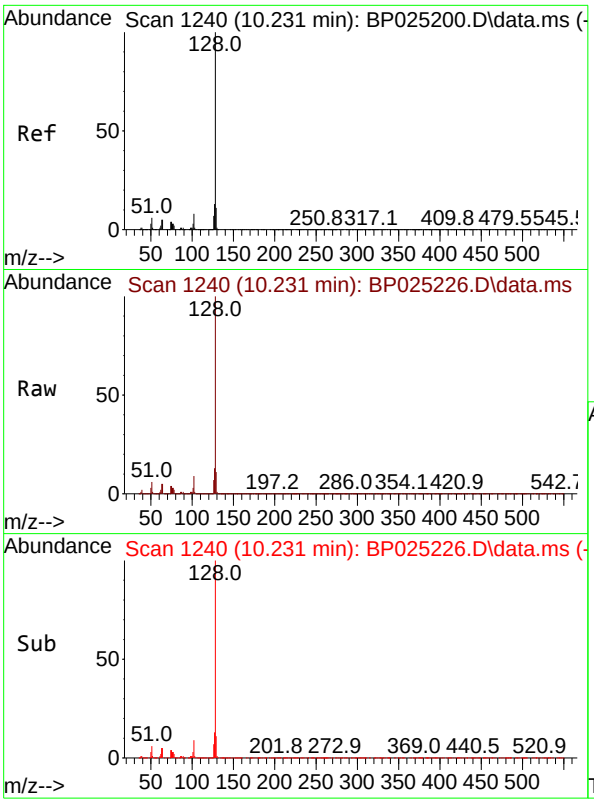




#30
1,2,4-Trichlorobenzene
Concen: 39.767 ng
RT: 10.054 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:180 Resp: 1203645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 76.7 | 115.1 |
| 145 | 28.8 | 23.5 | 35.3 |



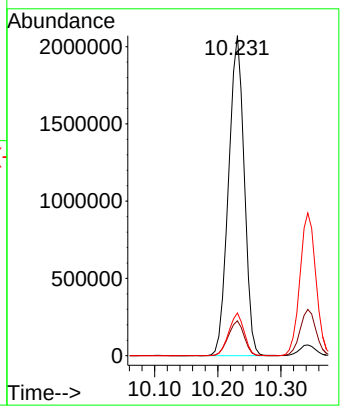


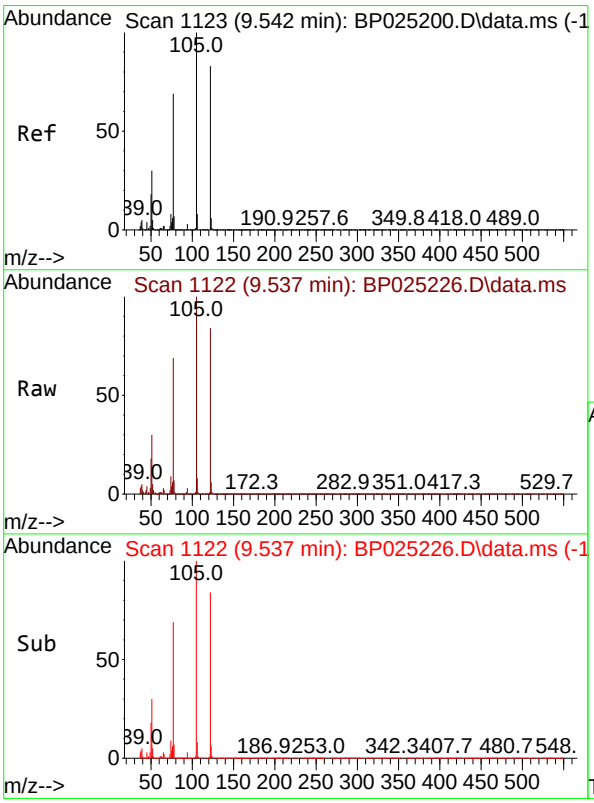

#31
Naphthalene
Concen: 39.861 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 3569658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.4 |
| 127 | 13.4 | 10.4 | 15.6 |

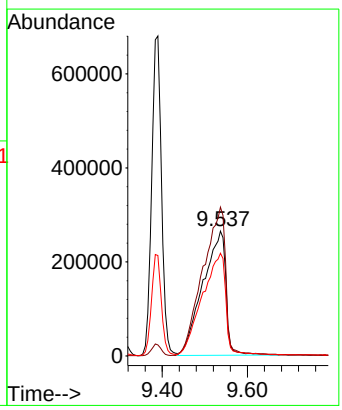


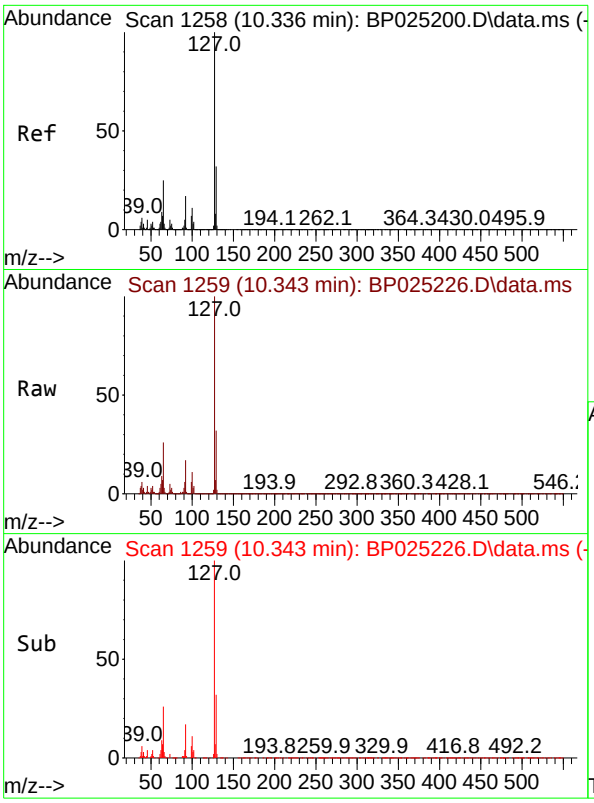




#32
Benzoic acid
Concen: 48.005 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:122 Resp: 988555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.2 | 98.1 | 138.1 |
| 77 | 82.4 | 62.7 | 102.7 |



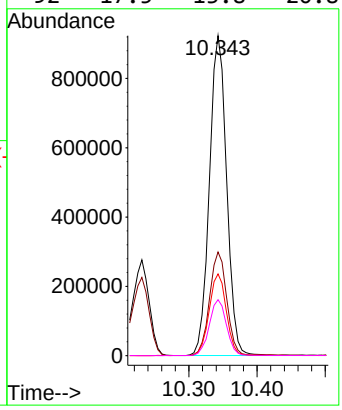


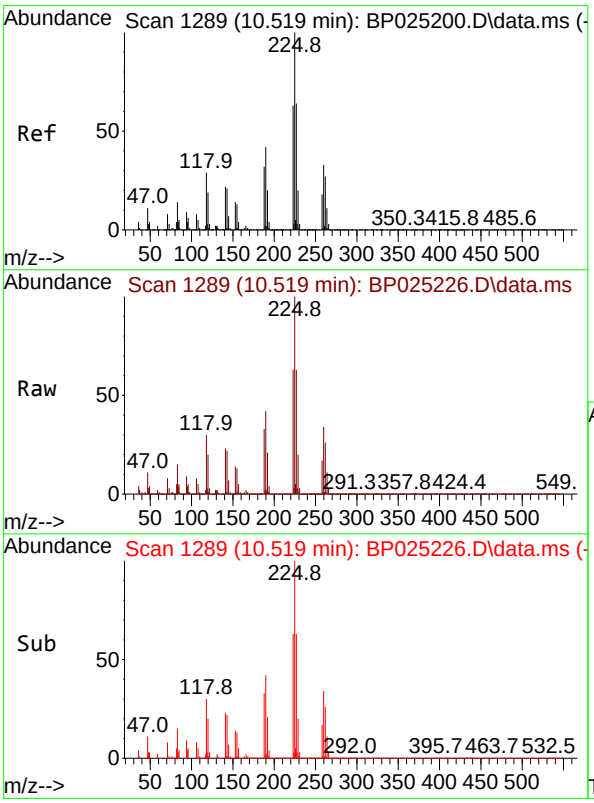

#33
4-Chloroaniline
Concen: 41.255 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 1623996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.9 | 38.9 |
| 65 | 25.6 | 20.2 | 30.4 |
| 92 | 17.5 | 13.8 | 20.8 |

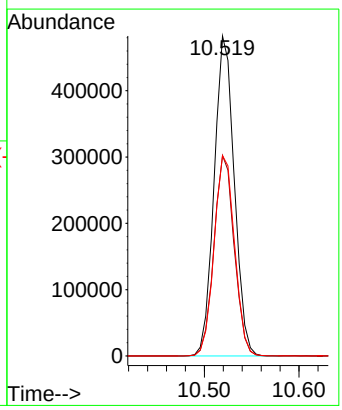


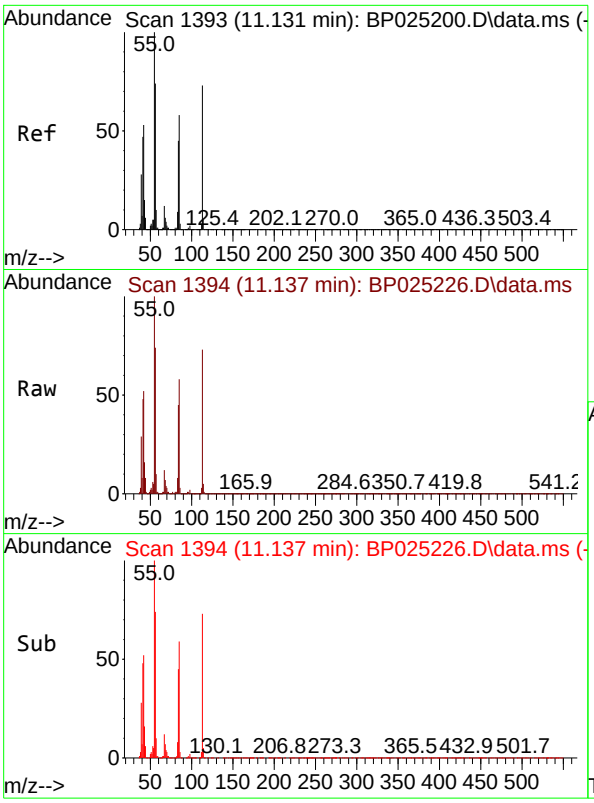




#34
Hexachlorobutadiene
Concen: 39.161 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:225 Resp: 713422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 50.1 | 75.1 |
| 227 | 62.6 | 51.4 | 77.0 |



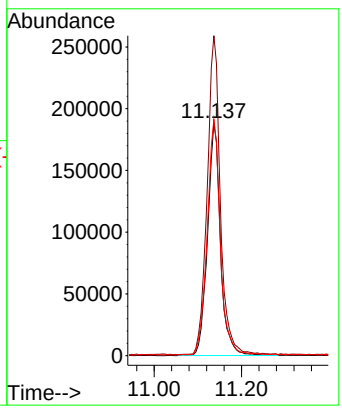


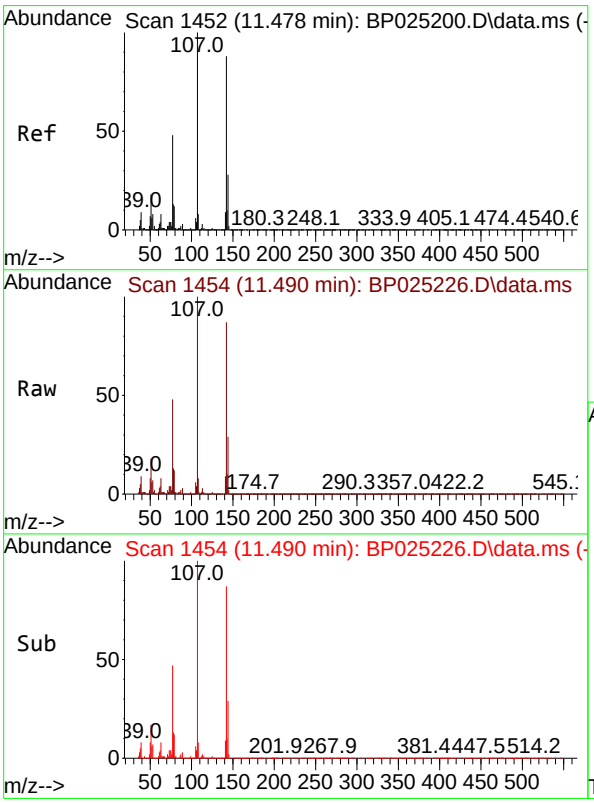

#35
Caprolactam
Concen: 42.101 ng
RT: 11.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 387211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.6 | 117.6 | 157.6 |
| 56 | 101.7 | 82.4 | 122.4 |

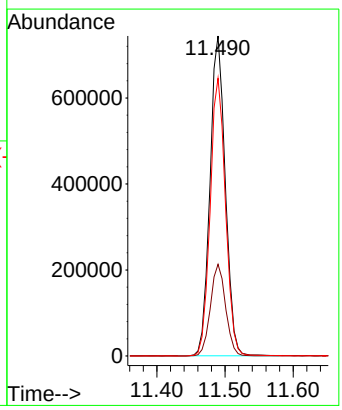


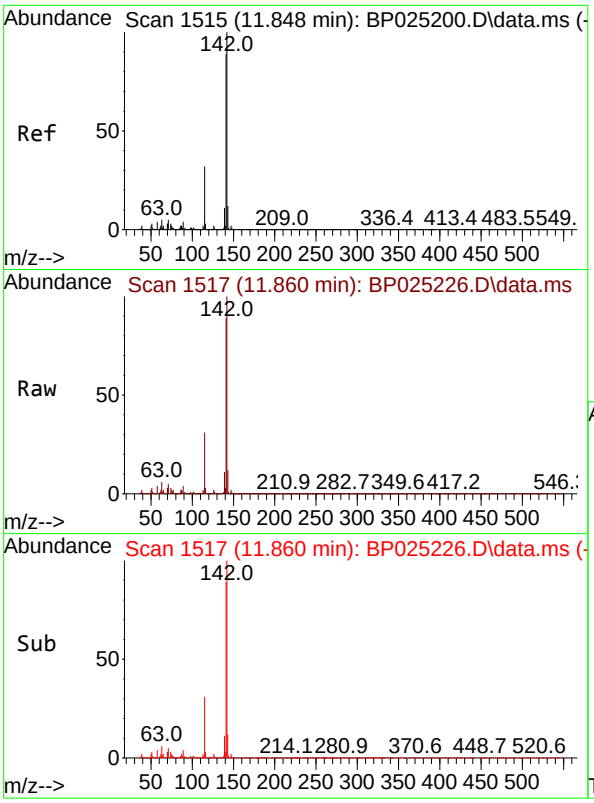




#36
4-Chloro-3-methylphenol
Concen: 42.016 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:107 Resp: 1163924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.7 | 22.5 | 33.7 |
| 142 | 86.8 | 70.6 | 105.8 |



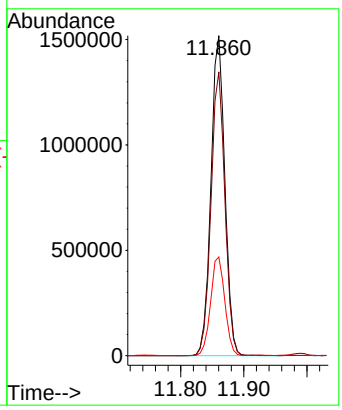


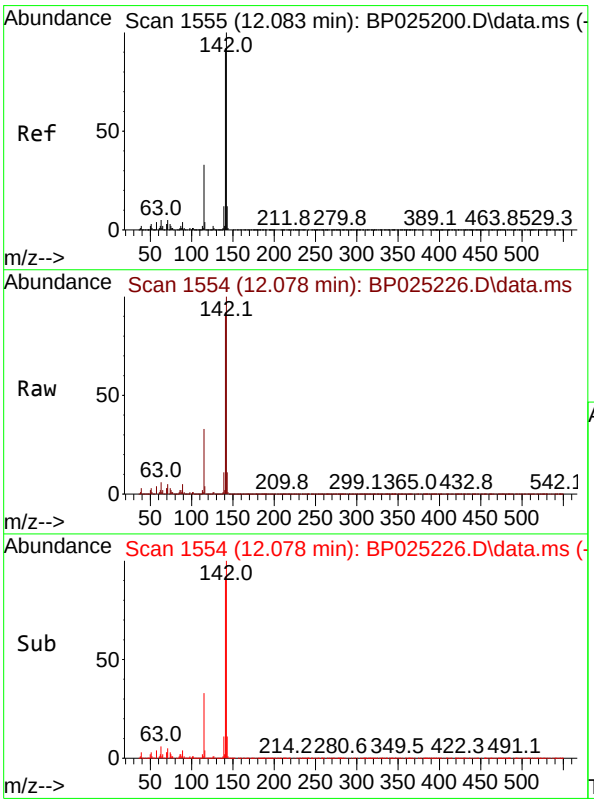

#37
2-Methylnaphthalene
Concen: 39.858 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 2317760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.2 | 106.8 |
| 115 | 30.9 | 25.3 | 37.9 |

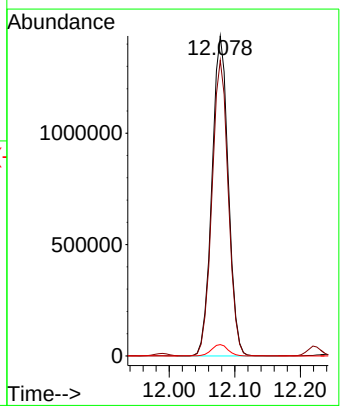


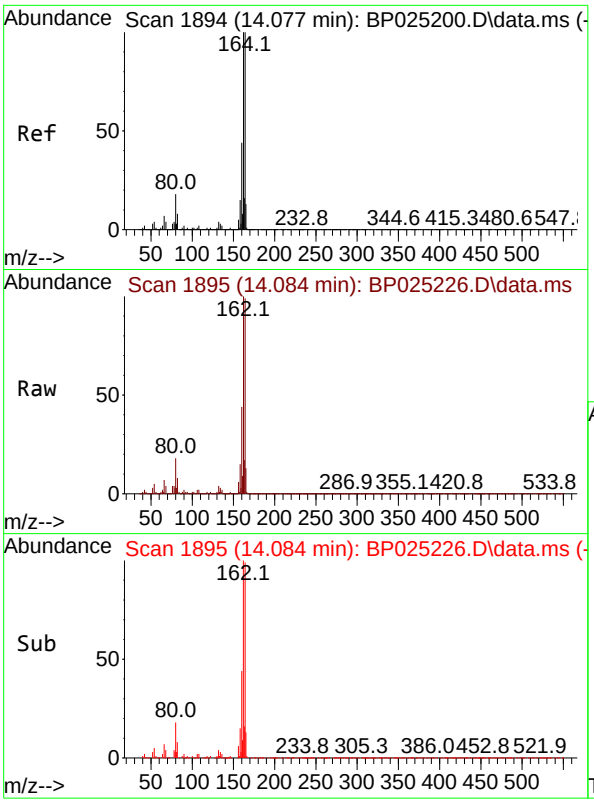




#38
1-Methylnaphthalene
Concen: 40.690 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:142 Resp: 2485497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.8 | 110.8 |
| 116 | 3.6 | 2.8 | 4.2 |



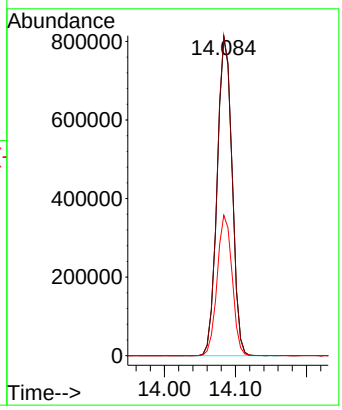


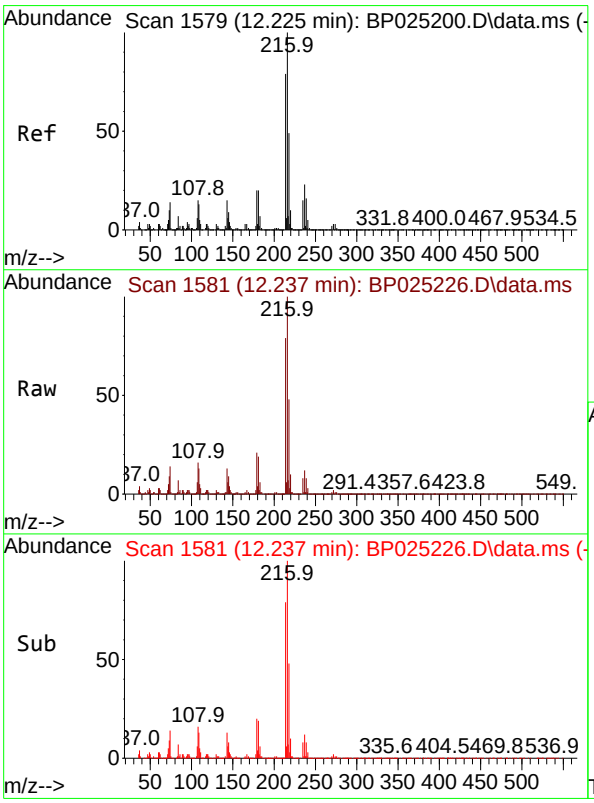

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:164 Resp: 1174318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.3 | 120.5 |
| 160 | 44.2 | 35.7 | 53.5 |

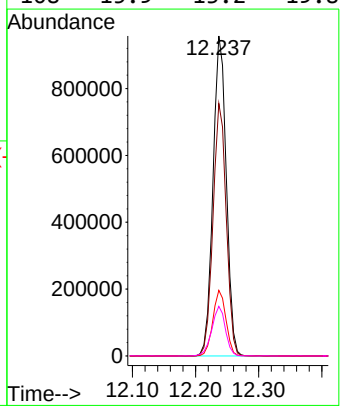


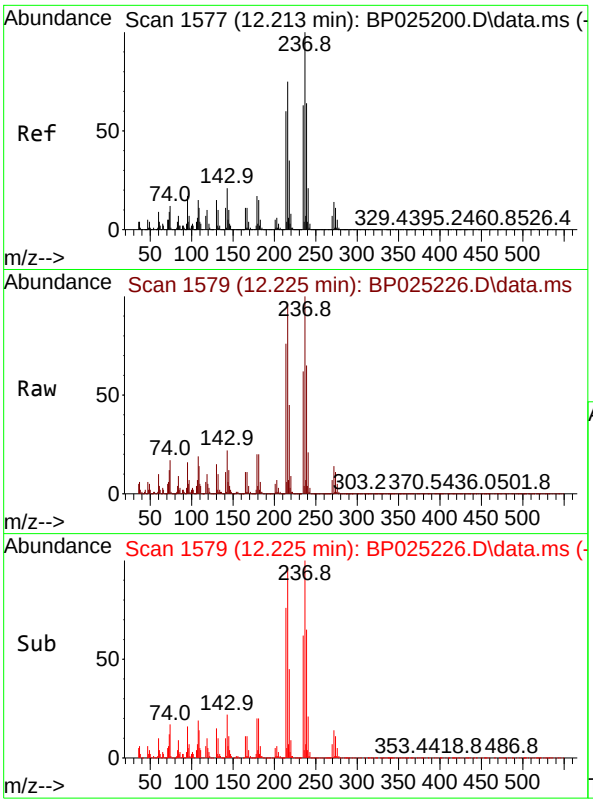




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.638 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:216 Resp: 1395264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.7 | 94.1 |
| 179 | 20.2 | 16.2 | 24.4 |
| 108 | 15.9 | 13.2 | 19.8 |



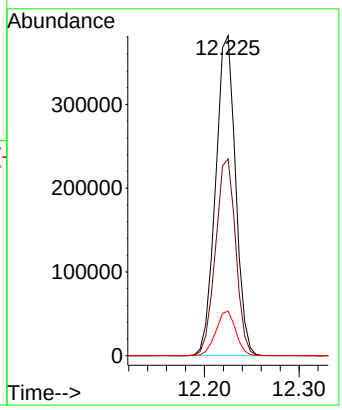


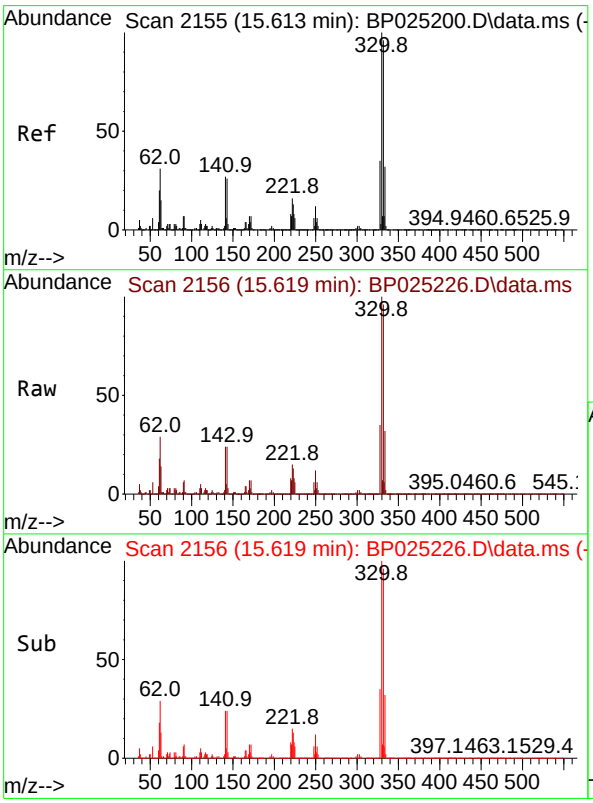

#41
Hexachlorocyclopentadiene
Concen: 26.642 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:237 Resp: 559822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.5 | 42.7 | 82.7 |
| 272 | 13.9 | 0.0 | 33.6 |

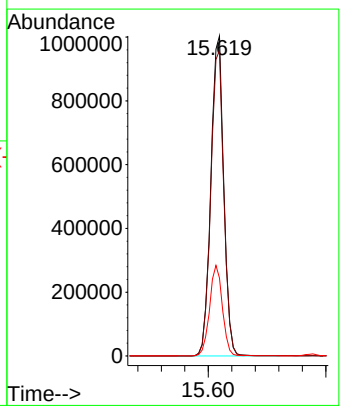


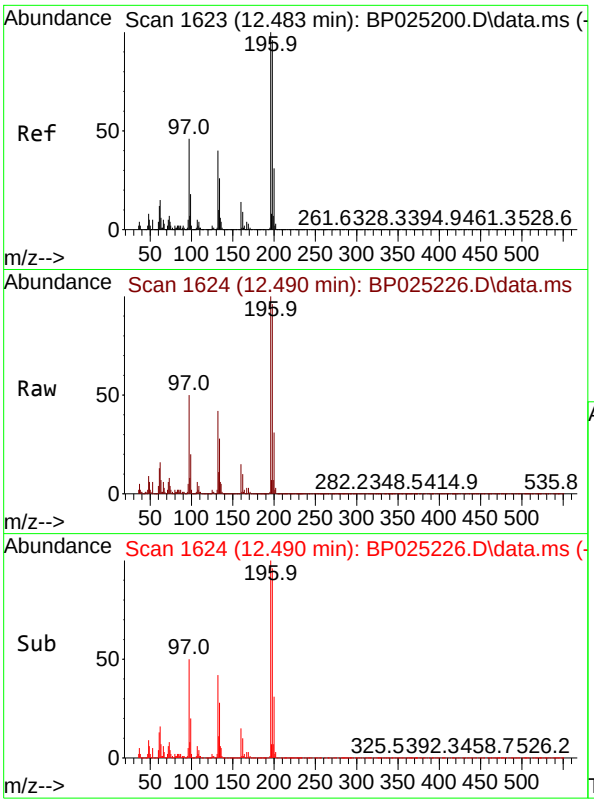




#42
2,4,6-Tribromophenol
Concen: 88.010 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:330 Resp: 1523626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 28.0 | 22.4 | 33.6 |



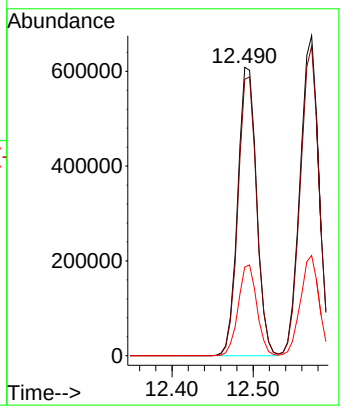


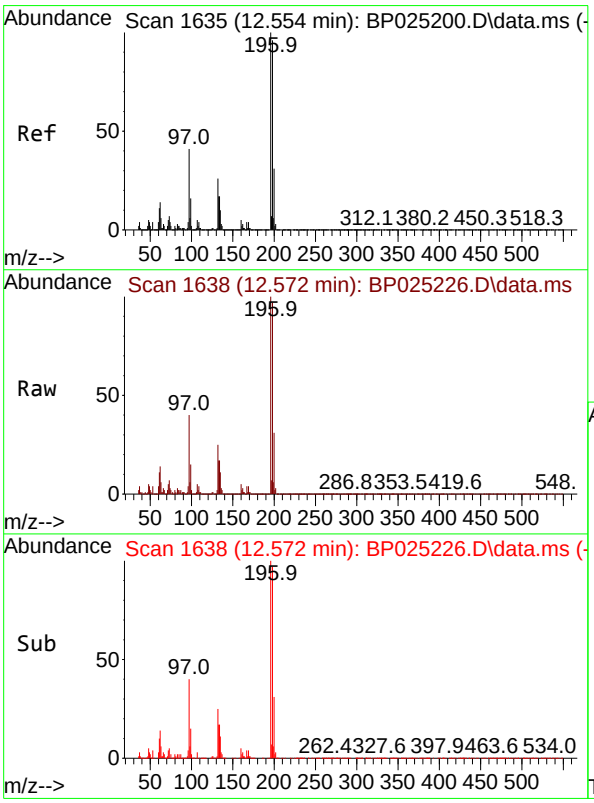

#43
2,4,6-Trichlorophenol
Concen: 40.841 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 982275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.6 | 114.8 |
| 200 | 30.7 | 24.7 | 37.1 |

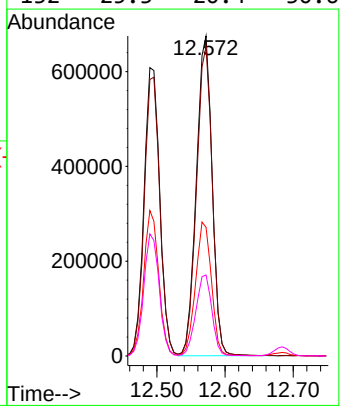


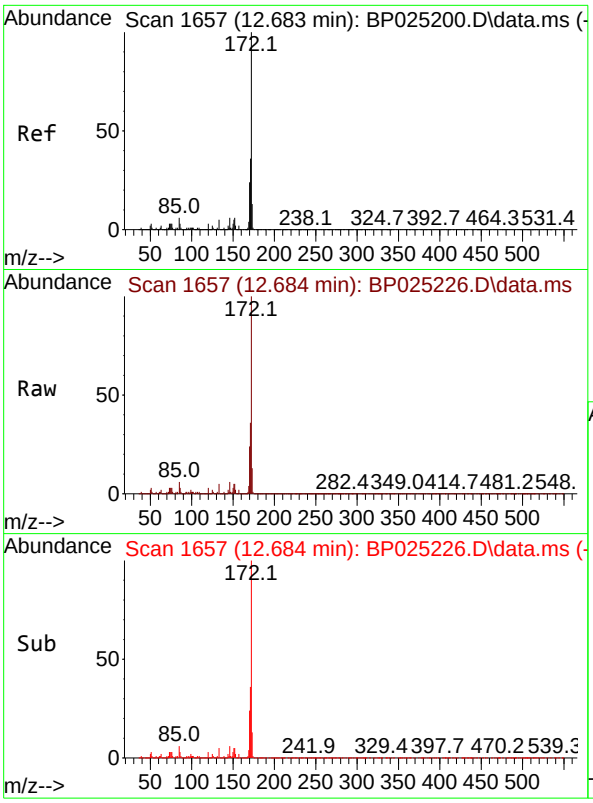




#44
2,4,5-Trichlorophenol
Concen: 41.075 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:196 Resp: 1087142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 76.7 | 115.1 |
| 97 | 40.2 | 33.0 | 49.4 |
| 132 | 25.3 | 20.4 | 30.6 |



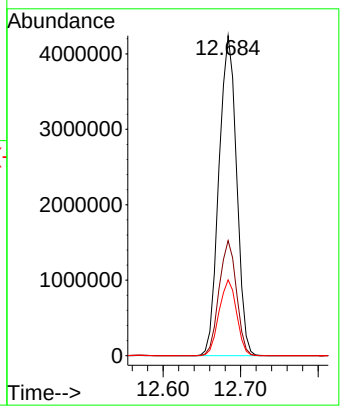


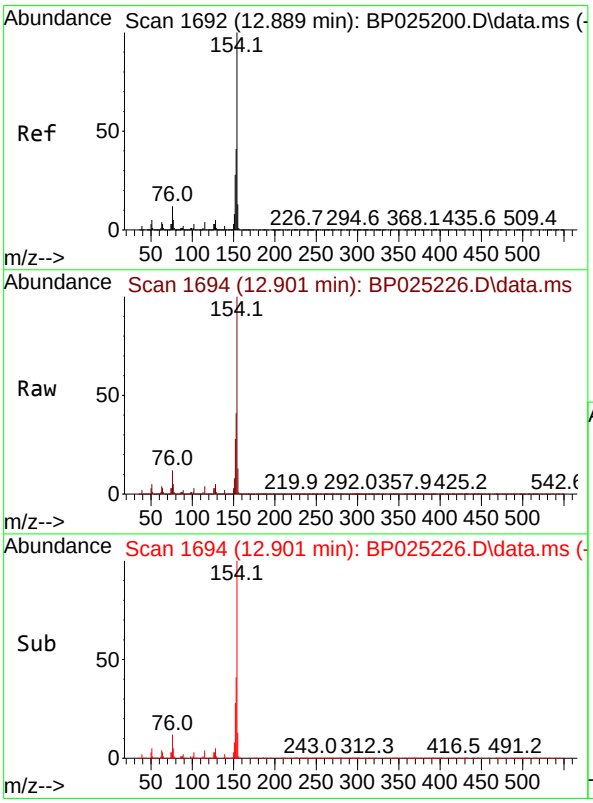

#45
2-Fluorobiphenyl
Concen: 80.519 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:172 Resp: 6706884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.8 | 43.2 |
| 170 | 23.7 | 19.2 | 28.8 |

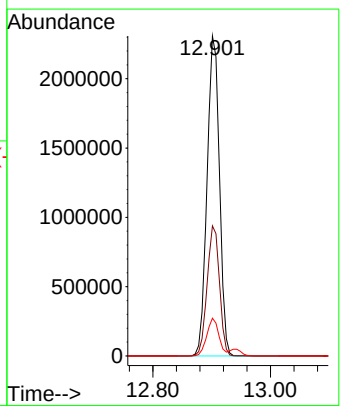


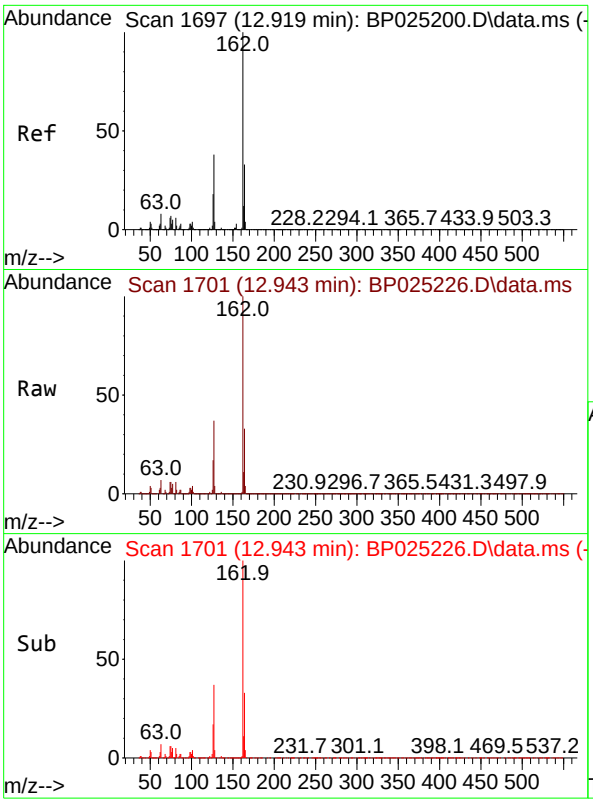




#46
1,1'-Biphenyl
Concen: 39.455 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 3358747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.8 | 60.8 |
| 76 | 11.8 | 0.0 | 31.6 |



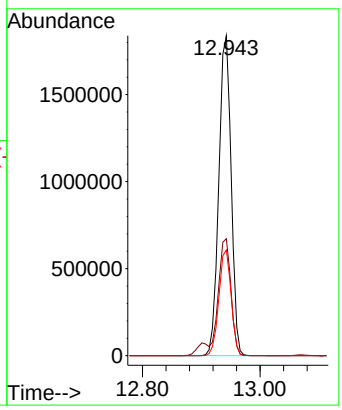


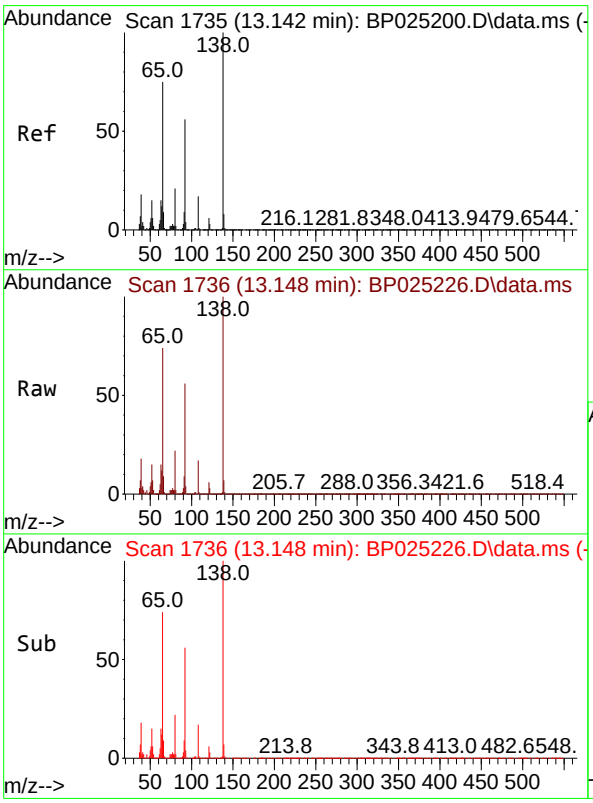

#47
2-Chloronaphthalene
Concen: 40.201 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 2671858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.5 | 30.1 | 45.1 |
| 164 | 33.1 | 26.5 | 39.7 |

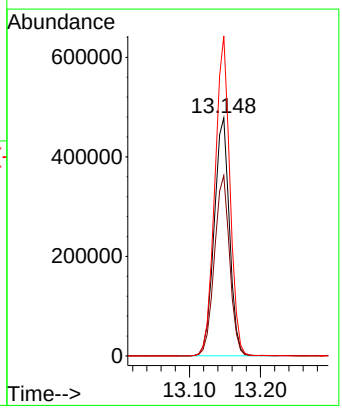


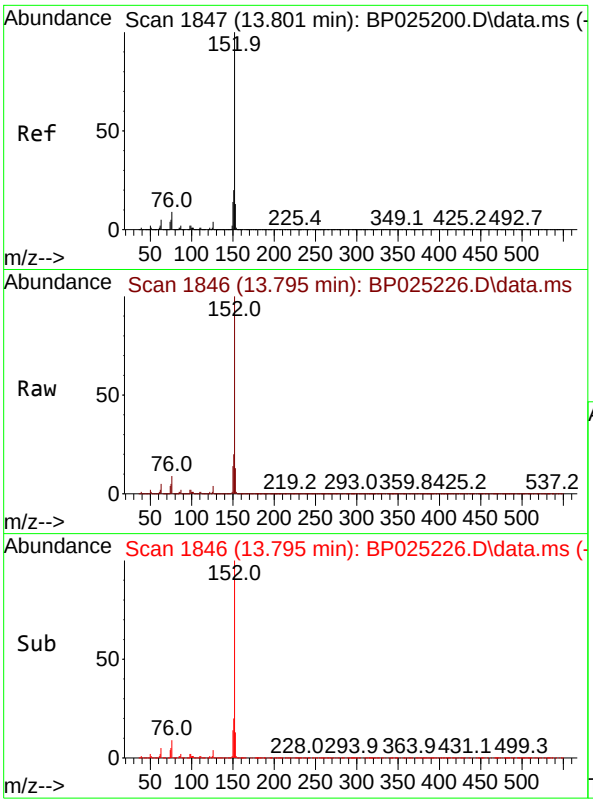




#48
2-Nitroaniline
Concen: 41.867 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 710602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.7 | 59.9 | 89.9 |
| 138 | 134.4 | 107.1 | 160.7 |



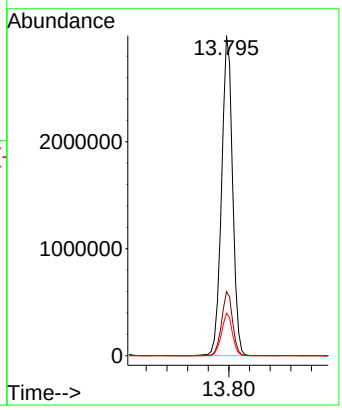


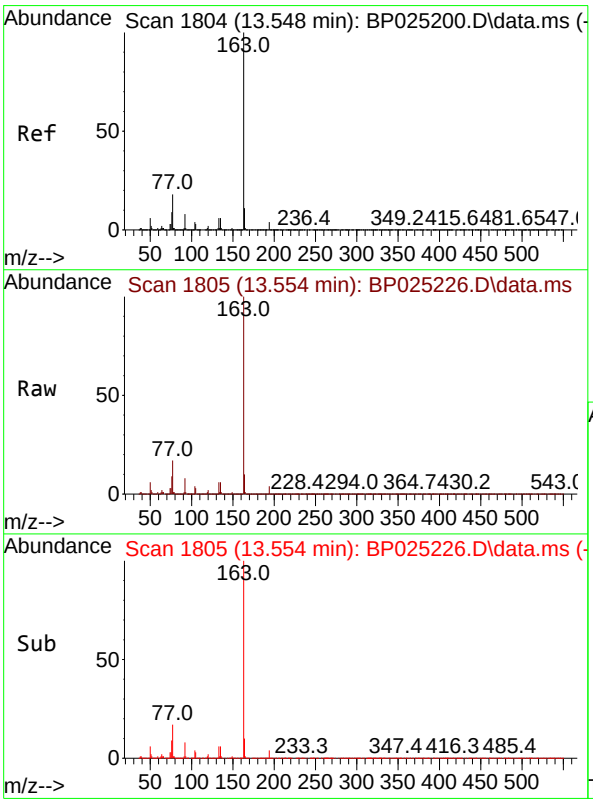

#49
Acenaphthylene
Concen: 40.927 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 4399537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |

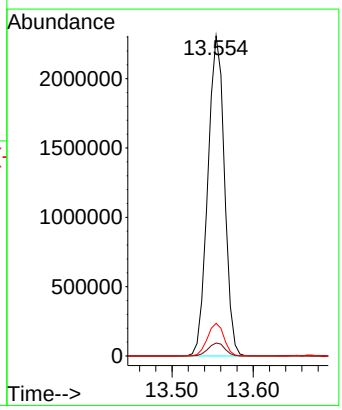


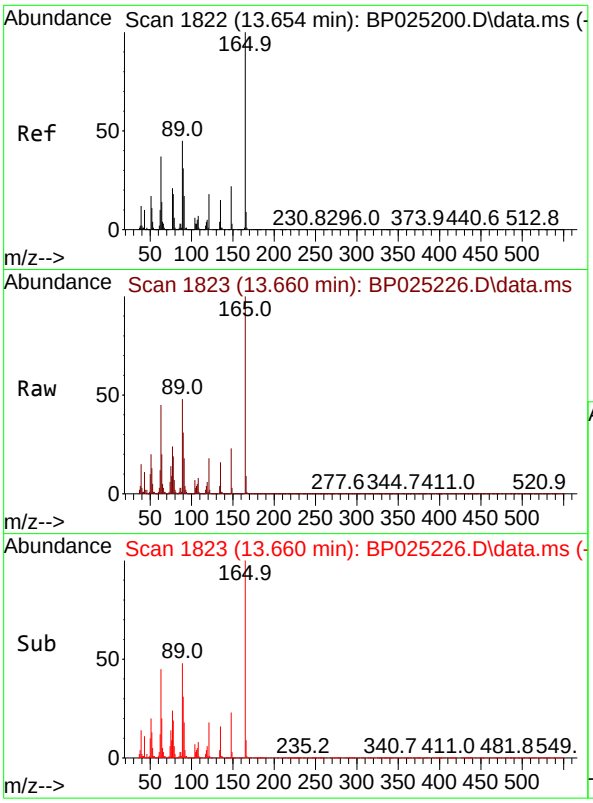




#50
Dimethylphthalate
Concen: 39.003 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:163 Resp: 3275604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |



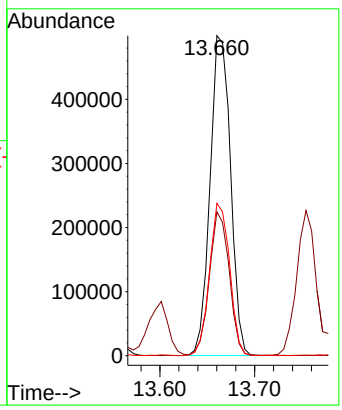


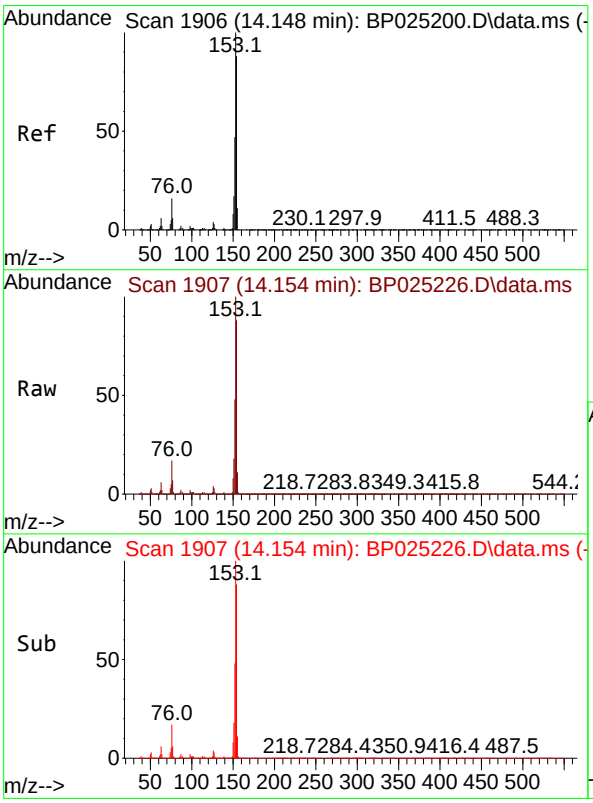

#51
2,6-Dinitrotoluene
Concen: 41.002 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 748217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.0 | 33.4 | 50.2 |
| 89 | 47.6 | 36.3 | 54.5 |

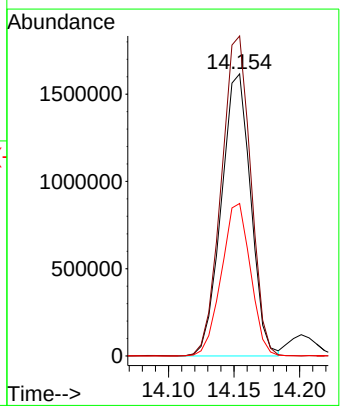


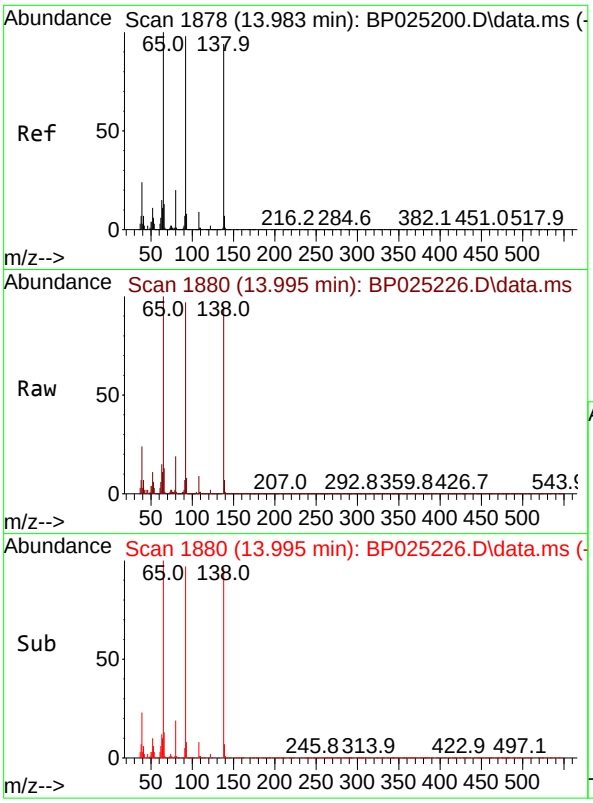




#52
Acenaphthene
Concen: 40.497 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:154 Resp: 2517373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.7 | 136.1 |
| 152 | 54.0 | 42.9 | 64.3 |



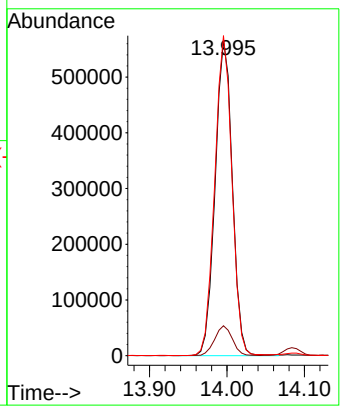


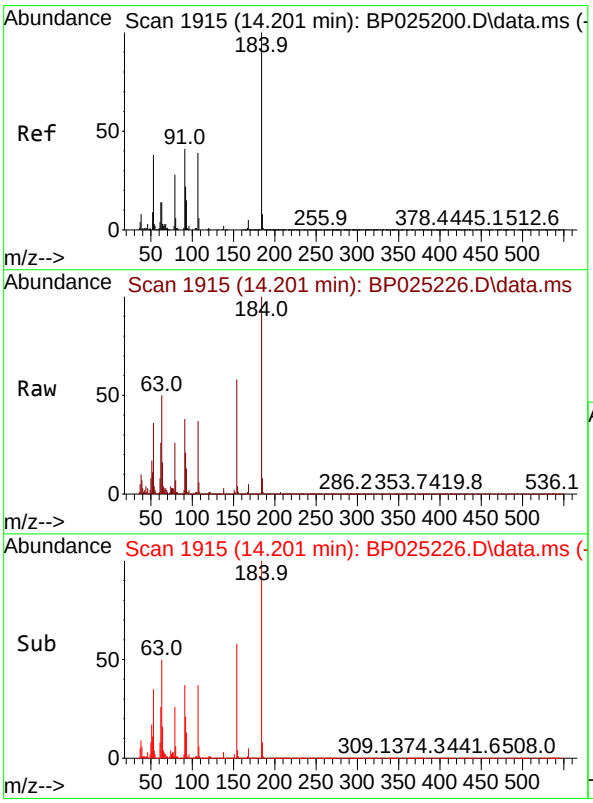

#53
3-Nitroaniline
Concen: 42.494 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 874454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.5 | 7.5 | 11.3 |
| 92 | 101.4 | 83.2 | 124.8 |

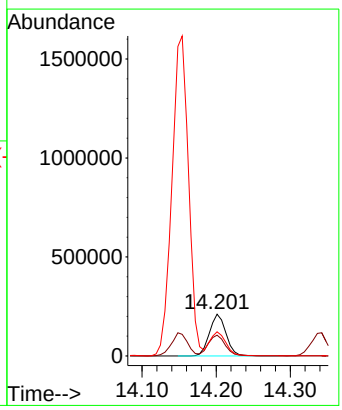


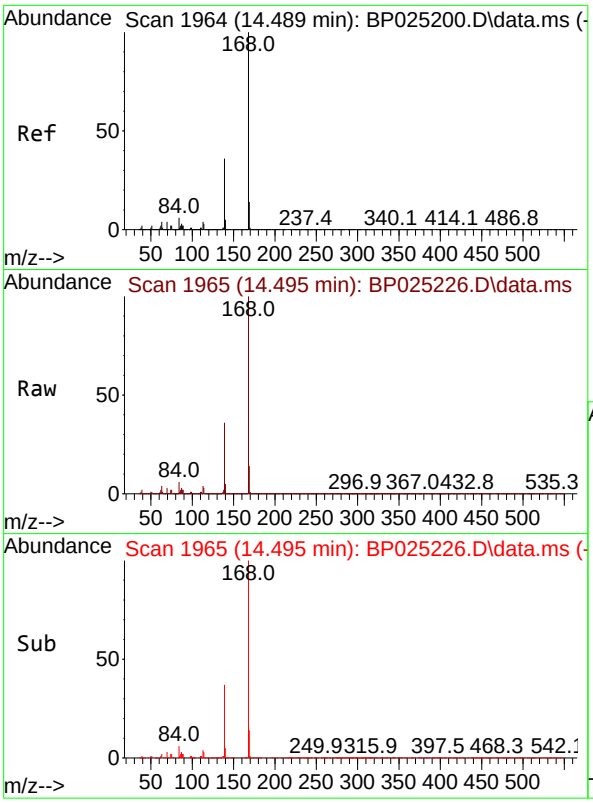




#54
2,4-Dinitrophenol
Concen: 30.316 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:184 Resp: 327781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 49.9 | 41.8 | 62.8 |
| 154 | 57.9 | 45.7 | 68.5 |



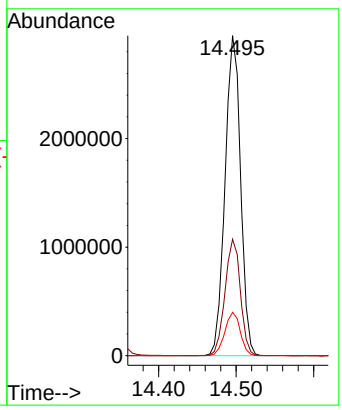


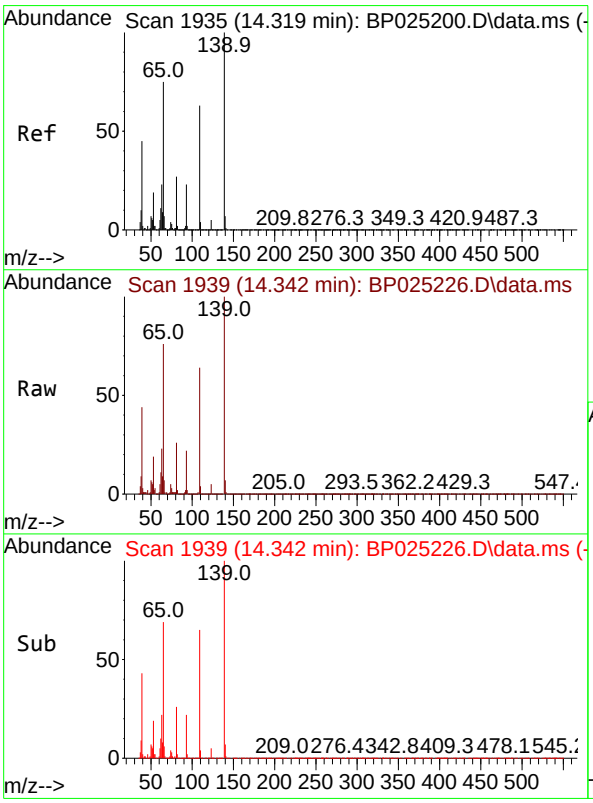

#55
Dibenzofuran
Concen: 40.883 ng
RT: 14.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:168 Resp: 4104990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 28.7 | 43.1 |
| 169 | 13.6 | 10.9 | 16.3 |

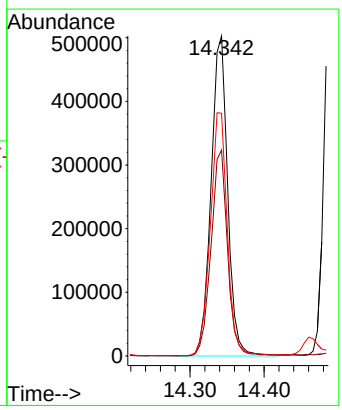


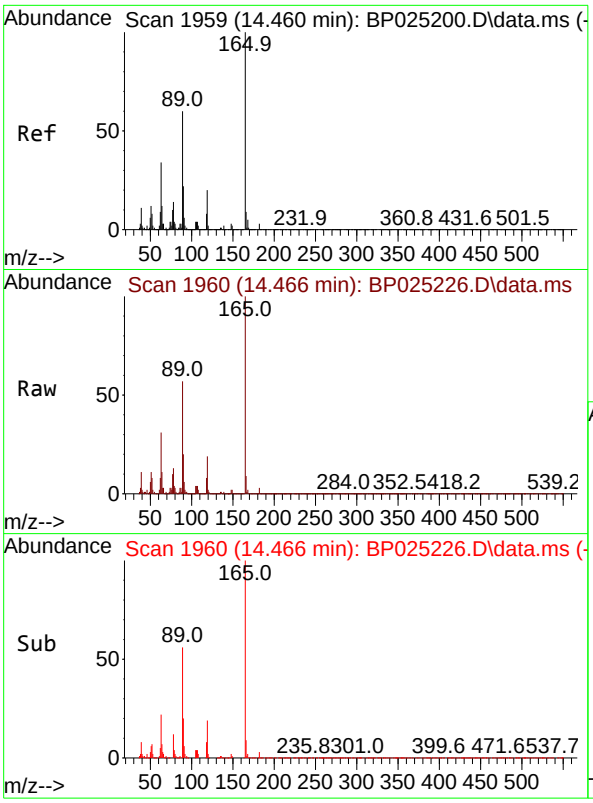




#56
4-Nitrophenol
Concen: 44.292 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:139 Resp: 779949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.4 | 42.6 | 82.6 |
| 65 | 75.8 | 55.4 | 95.4 |



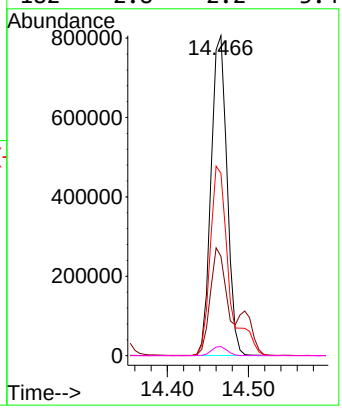


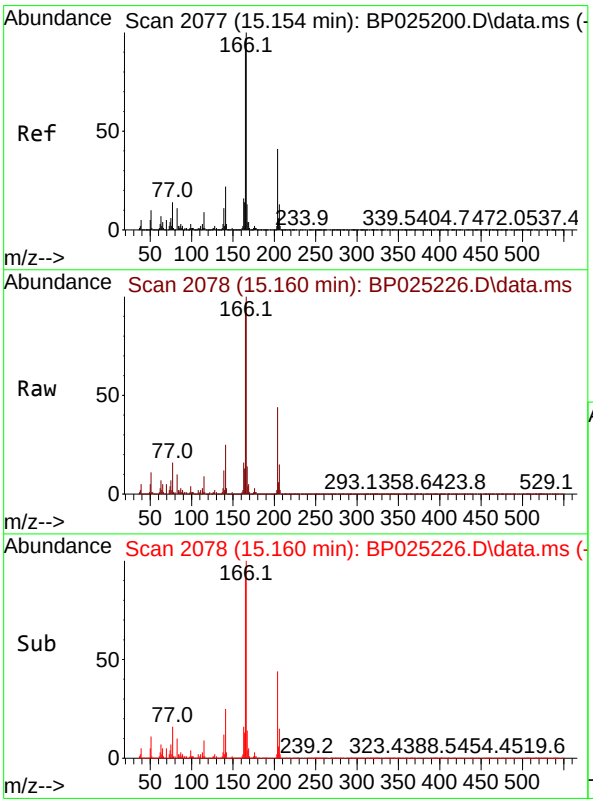

#57
2,4-Dinitrotoluene
Concen: 43.057 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:165 Resp: 1099838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.0 | 27.0 | 40.4 |
| 89 | 57.0 | 47.8 | 71.6 |
| 182 | 2.8 | 2.2 | 3.4 |

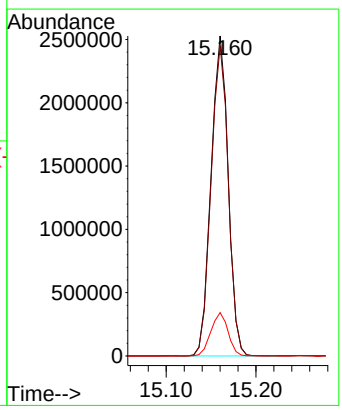


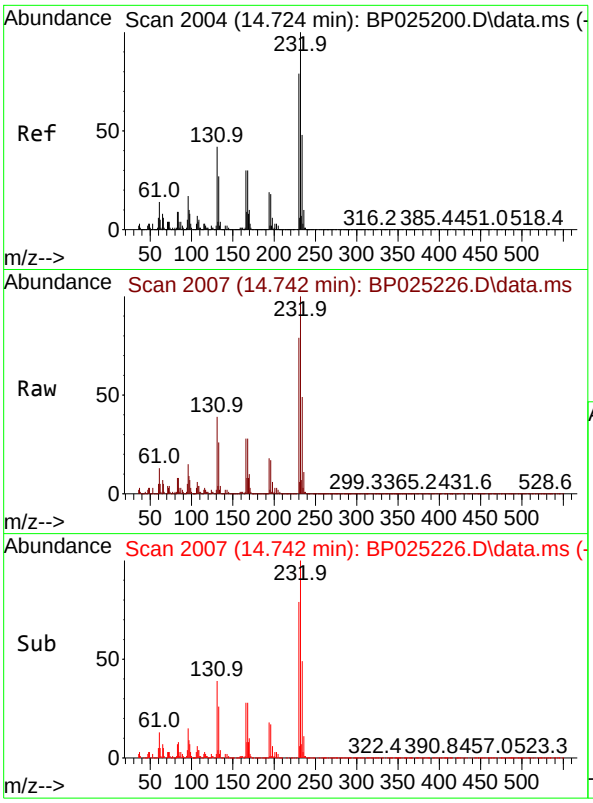




#58
Fluorene
Concen: 42.056 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:166 Resp: 3352512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 78.0 | 117.0 |
| 167 | 13.6 | 10.7 | 16.1 |



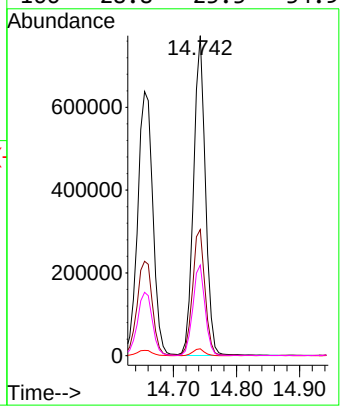


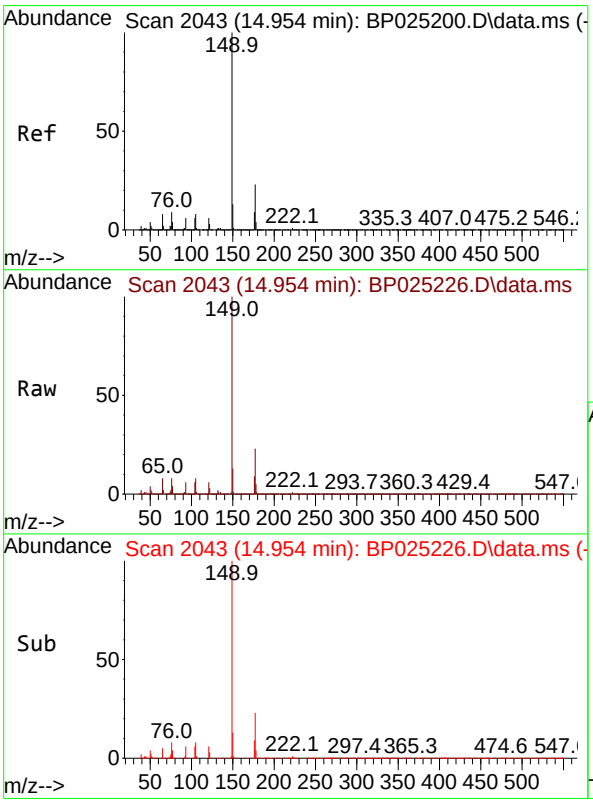

#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:232 Resp: 1007332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.9 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 28.8 | 23.3 | 34.9 |

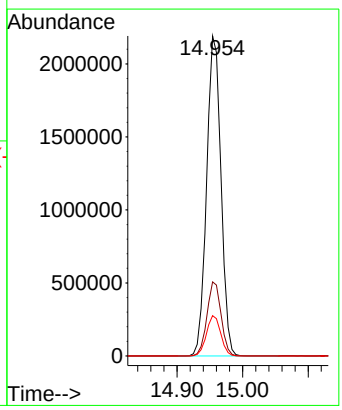


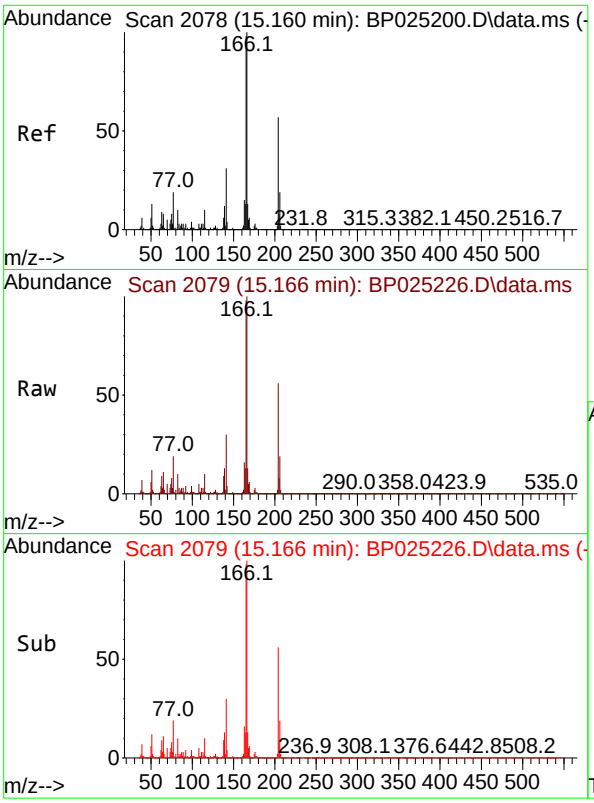




#60
Diethylphthalate
Concen: 40.235 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3330481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.4 | 27.6 |
| 150 | 12.6 | 10.0 | 15.0 |



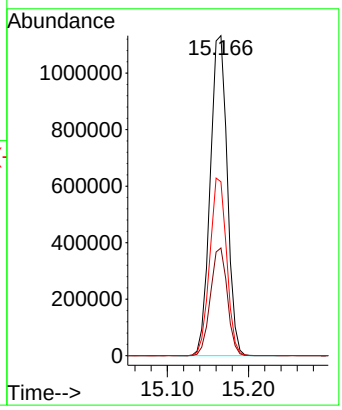


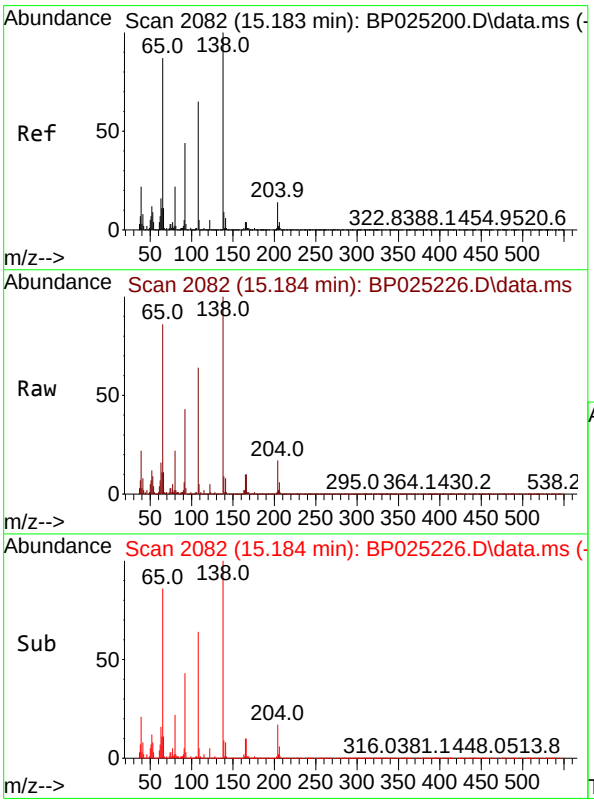

#61
4-Chlorophenyl-phenylether
Concen: 40.846 ng
RT: 15.166 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:204 Resp: 1645291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 26.3 | 39.5 |
| 141 | 54.4 | 43.0 | 64.6 |

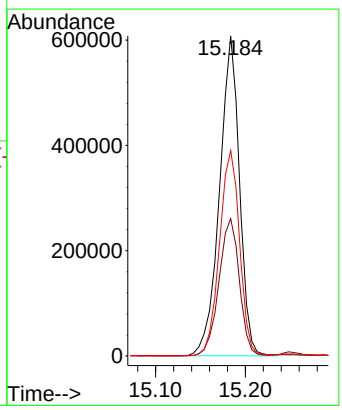


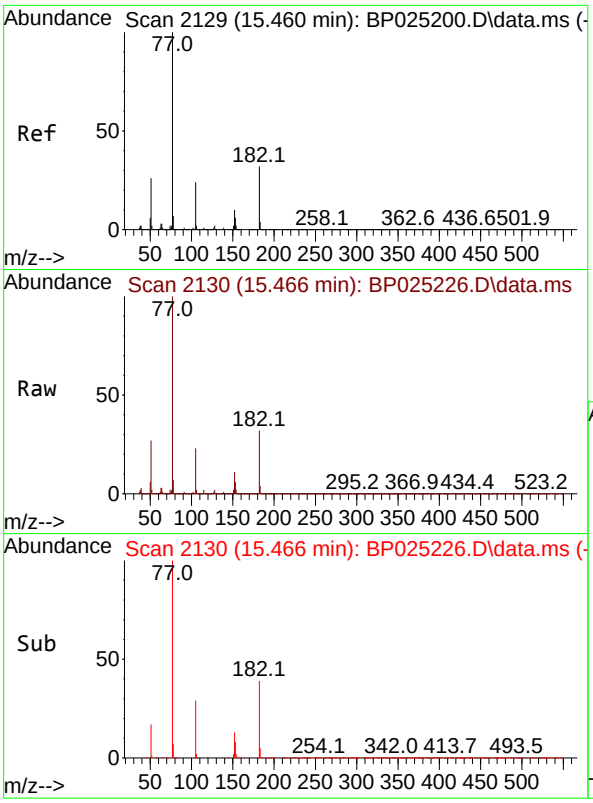




#62
4-Nitroaniline
Concen: 44.837 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:138 Resp: 938362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 42.9 | 24.0 | 64.0 |
| 108 | 64.2 | 44.9 | 84.9 |



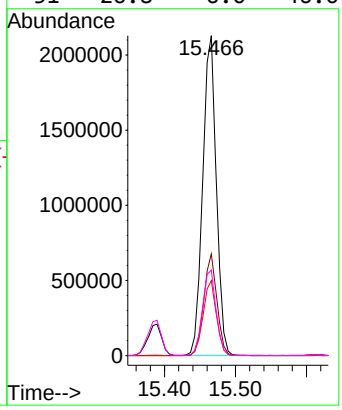


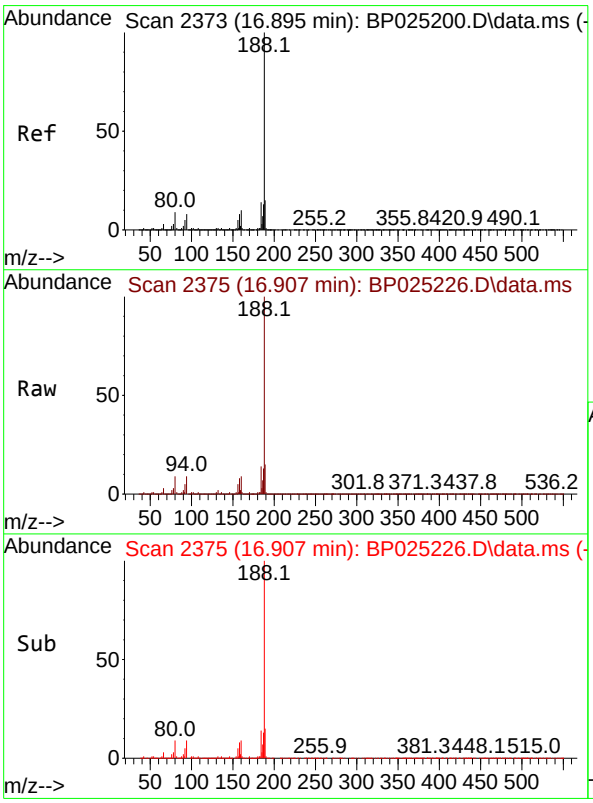

#63
Azobenzene
Concen: 41.997 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 2832864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.8 | 12.0 | 52.0 |
| 105 | 23.5 | 3.6 | 43.6 |
| 51 | 26.8 | 6.0 | 46.0 |

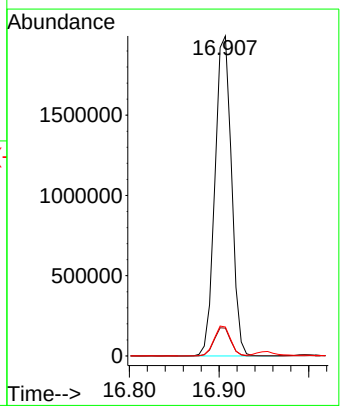


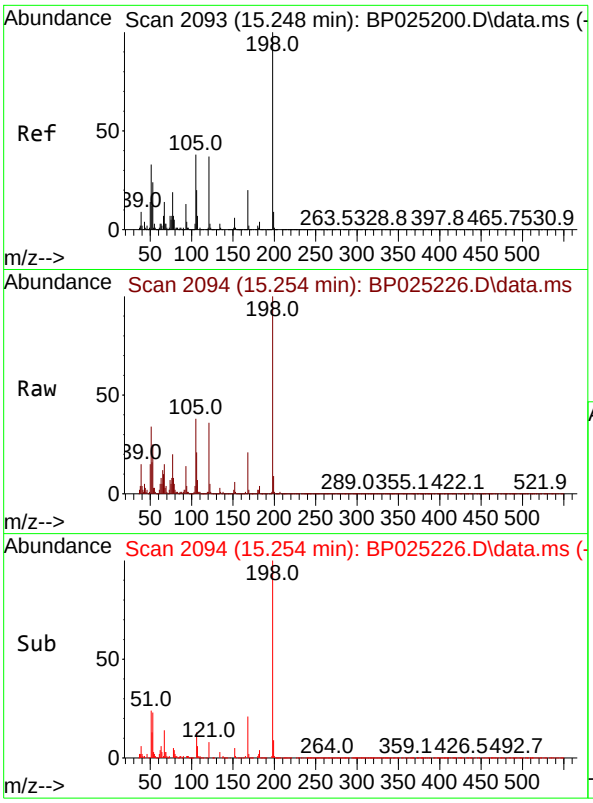




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:188 Resp: 2549406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.0 | 7.3 | 10.9 |



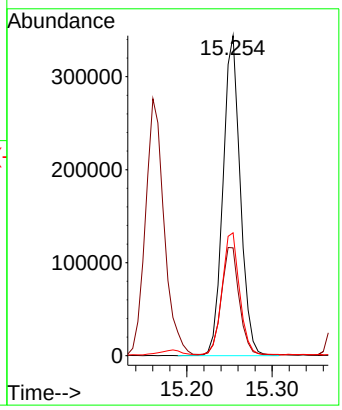


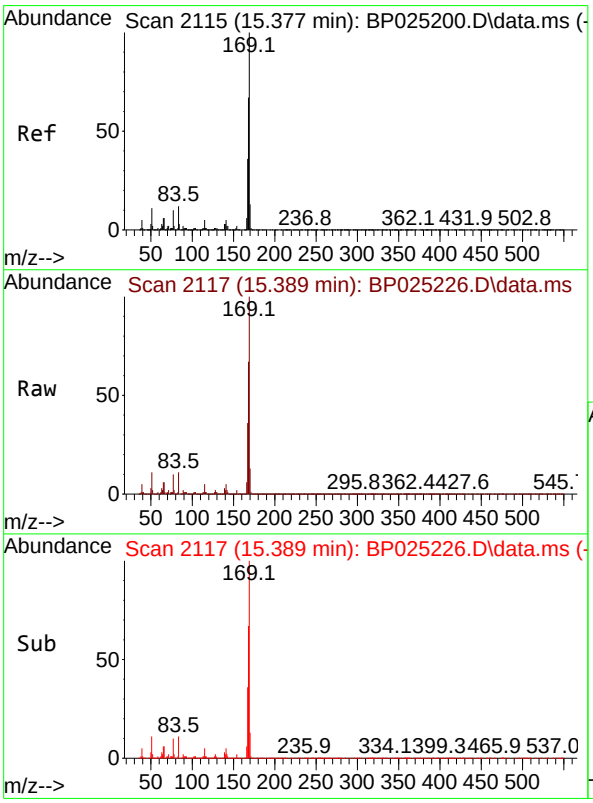

#65
4,6-Dinitro-2-methylphenol
Concen: 29.390 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:198 Resp: 483541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.7 | 14.6 | 54.6 |
| 105 | 38.4 | 18.3 | 58.3 |

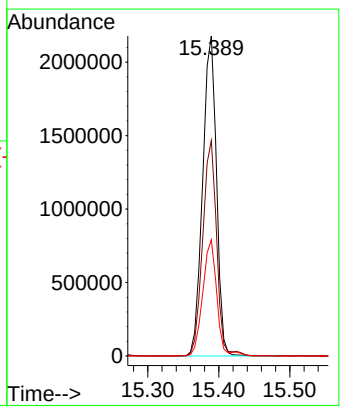


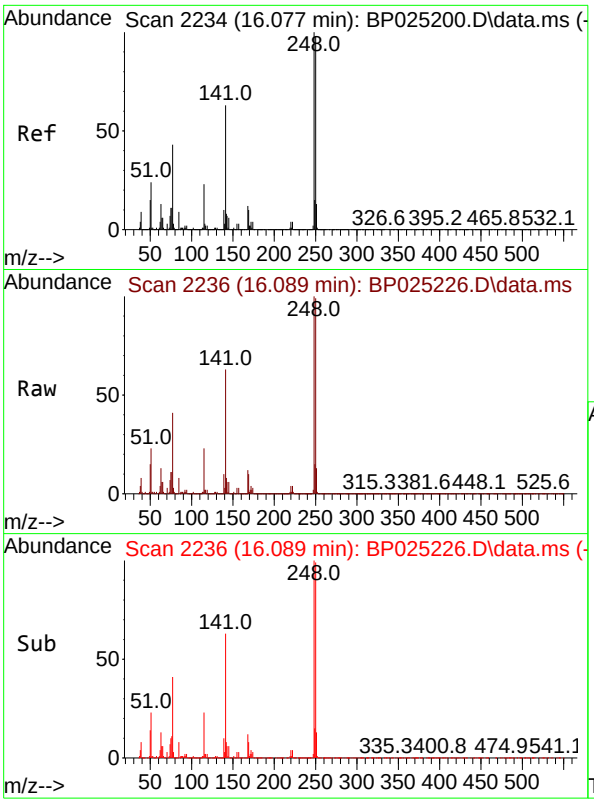




#66
n-Nitrosodiphenylamine
Concen: 38.155 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:169 Resp: 2952463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 53.7 | 80.5 |
| 167 | 36.3 | 29.0 | 43.6 |



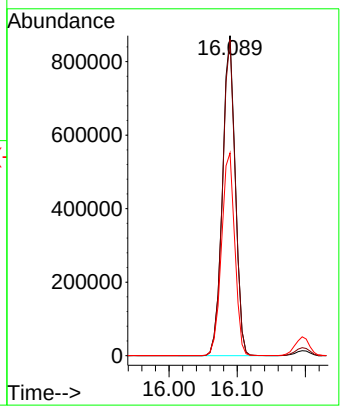


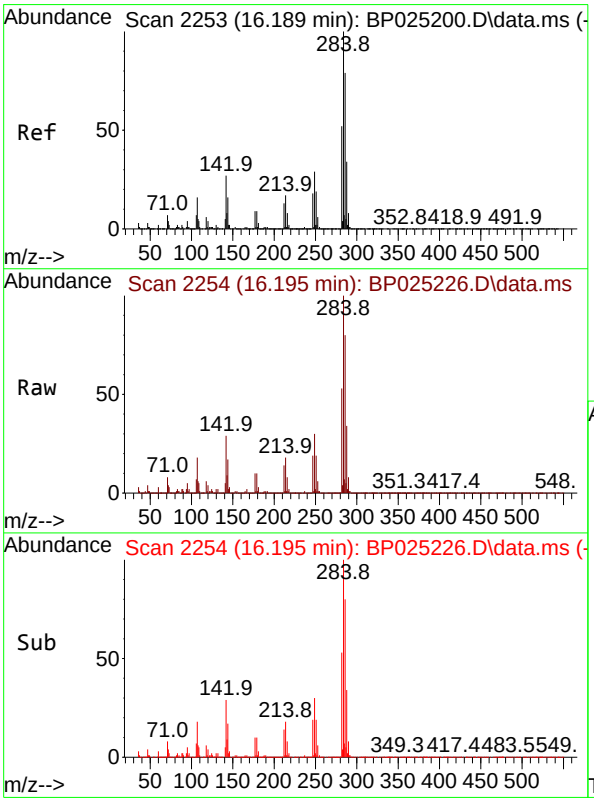

#67
4-Bromophenyl-phenylether
Concen: 38.140 ng
RT: 16.089 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:248 Resp: 1134789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 78.5 | 117.7 |
| 141 | 63.3 | 50.5 | 75.7 |

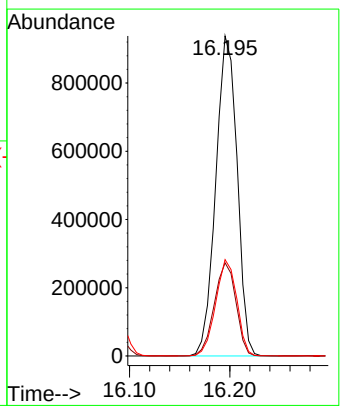


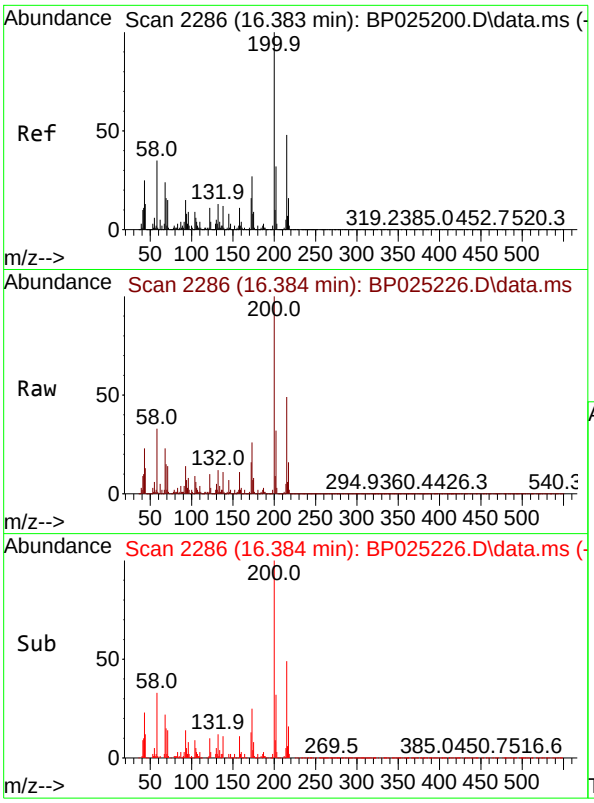




#68
Hexachlorobenzene
Concen: 39.236 ng
RT: 16.195 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:284 Resp: 1386355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.1 | 21.5 | 32.3 |
| 249 | 30.1 | 23.4 | 35.0 |



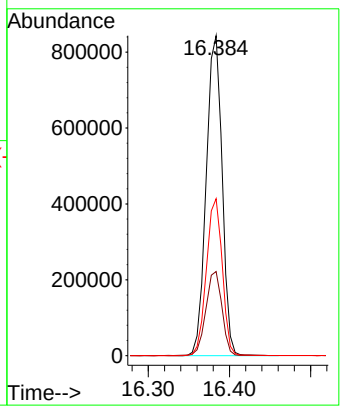


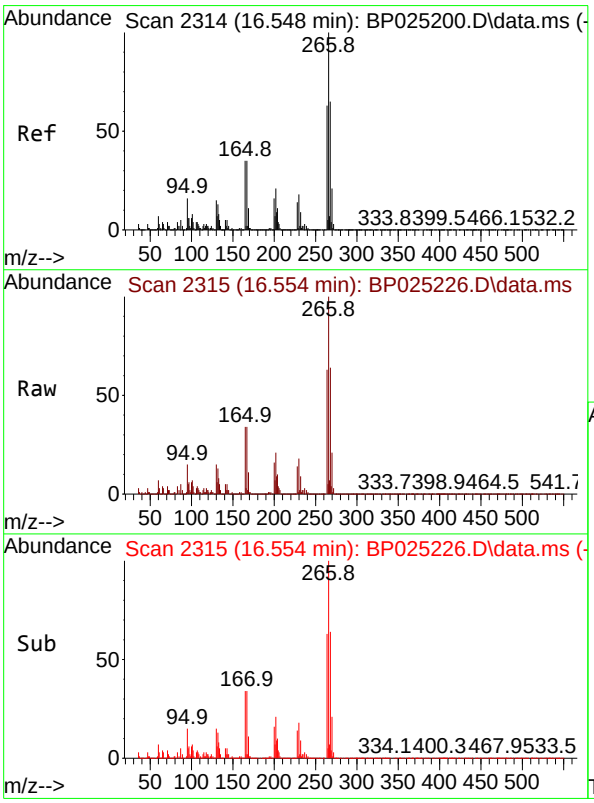

#69
Atrazine
Concen: 39.913 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:200 Resp: 1142872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 7.4 | 47.4 |
| 215 | 49.1 | 28.5 | 68.5 |

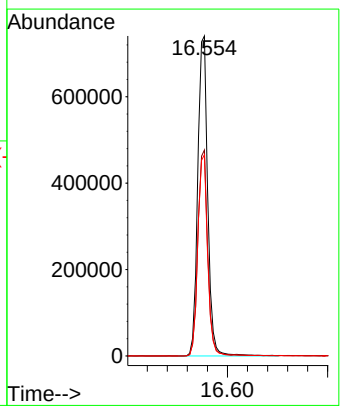


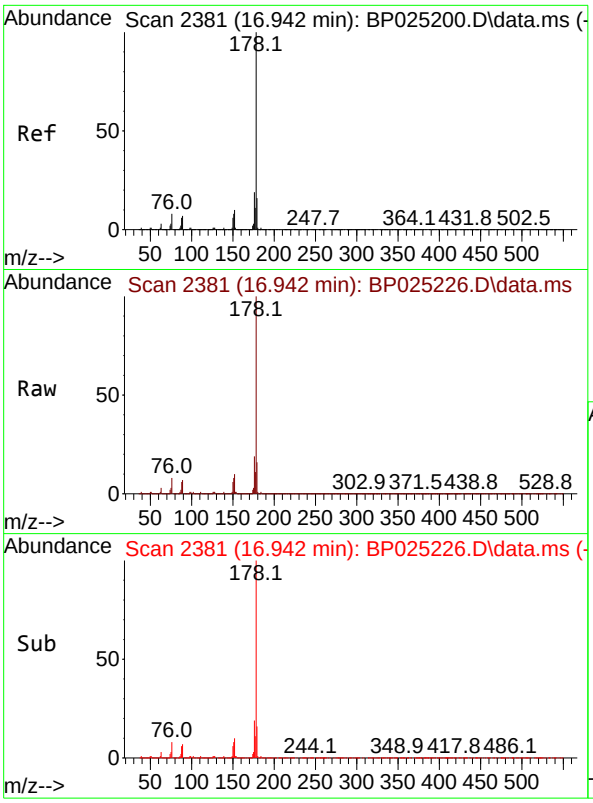




#70
Pentachlorophenol
Concen: 42.346 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:266 Resp: 1017463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.8 | 77.6 |
| 264 | 62.9 | 50.3 | 75.5 |



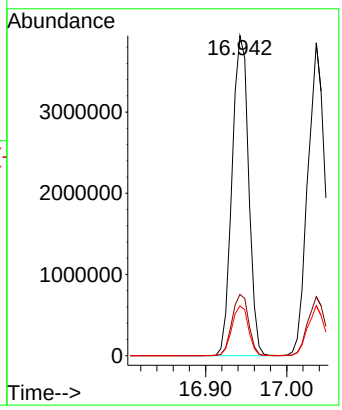


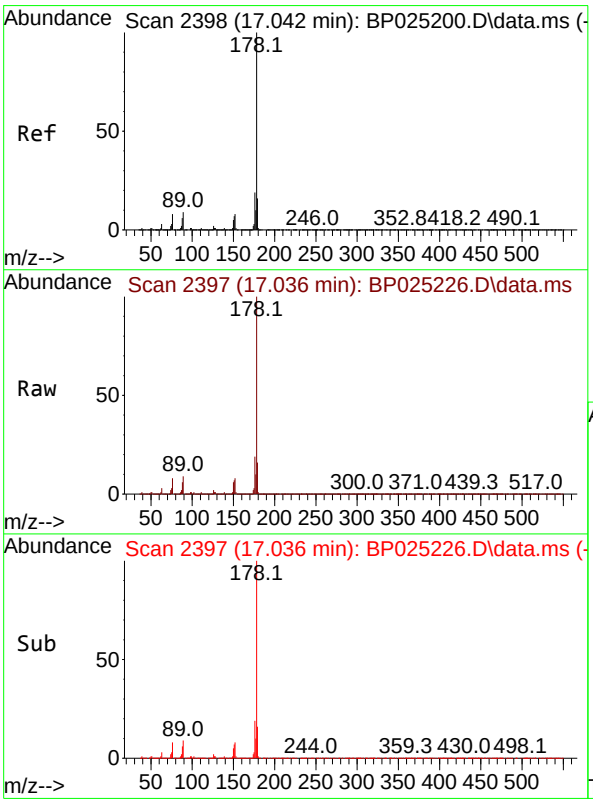

#71
Phenanthrene
Concen: 40.543 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 5574744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.6 | 23.4 |
| 179 | 15.5 | 12.5 | 18.7 |

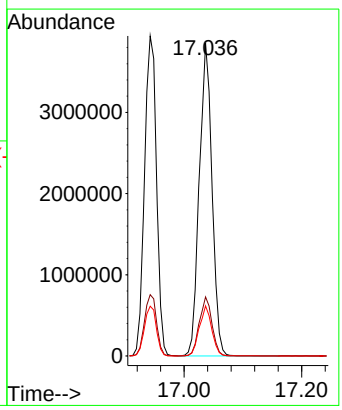


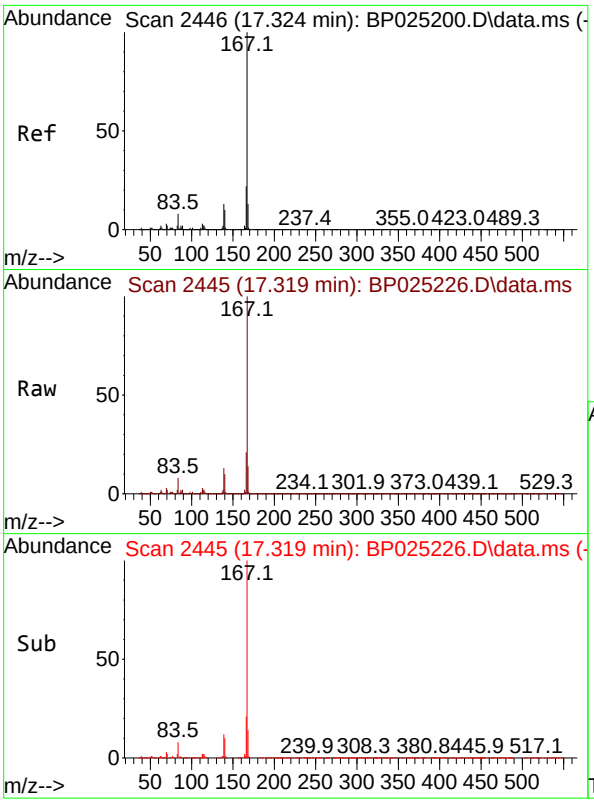




#72
Anthracene
Concen: 41.892 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:178 Resp: 5802800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 16.0 | 12.5 | 18.7 |



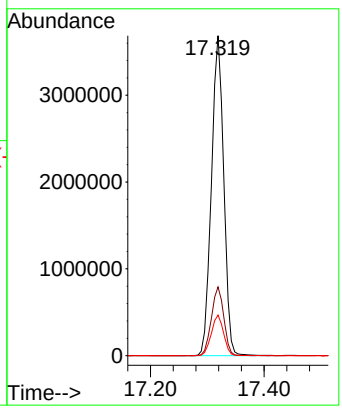


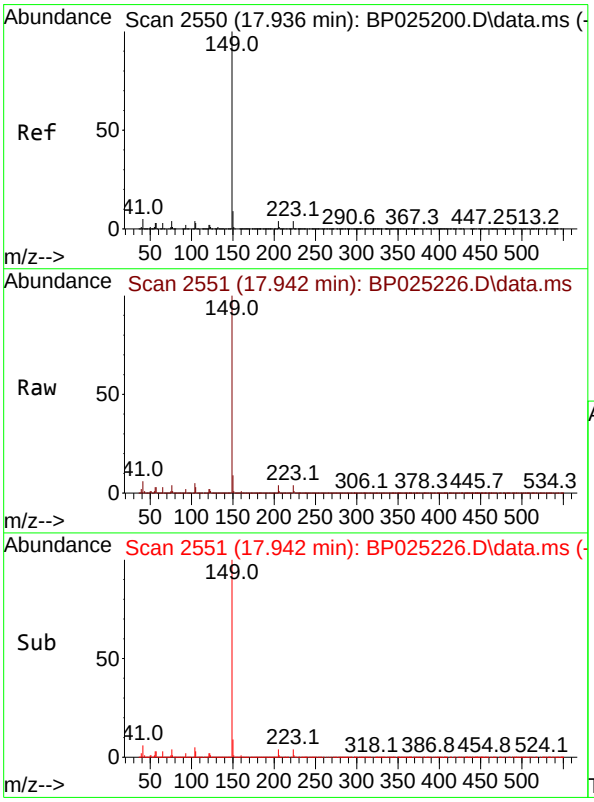

#73
Carbazole
Concen: 41.734 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:167 Resp: 5518563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.3 | 25.9 |
| 139 | 12.7 | 10.1 | 15.1 |

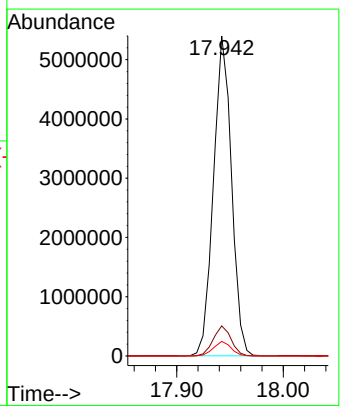


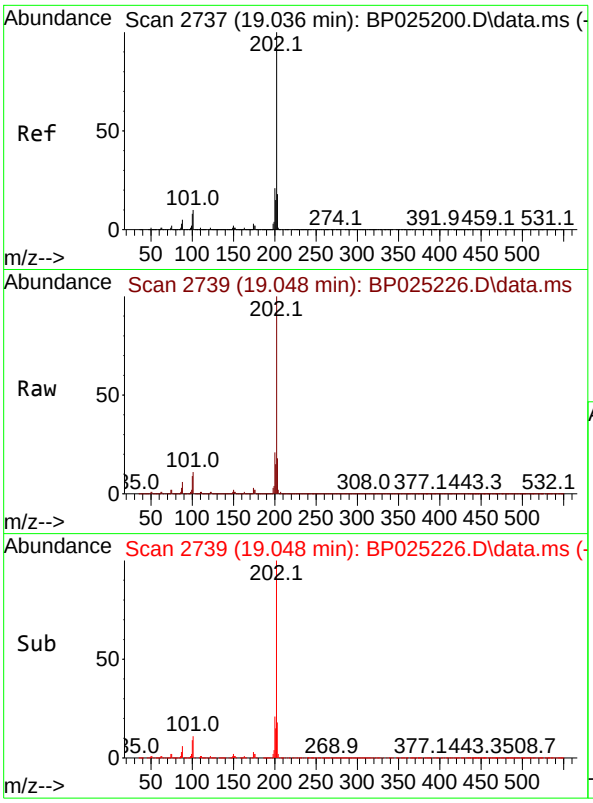




#74
Di-n-butylphthalate
Concen: 41.506 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 6332663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.6 | 11.4 |
| 104 | 4.6 | 3.5 | 5.3 |



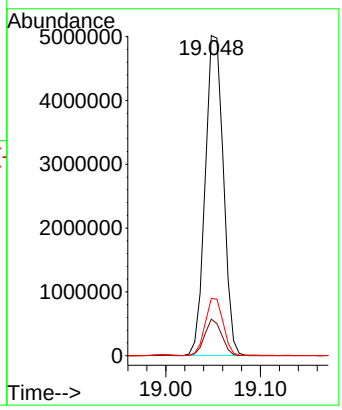


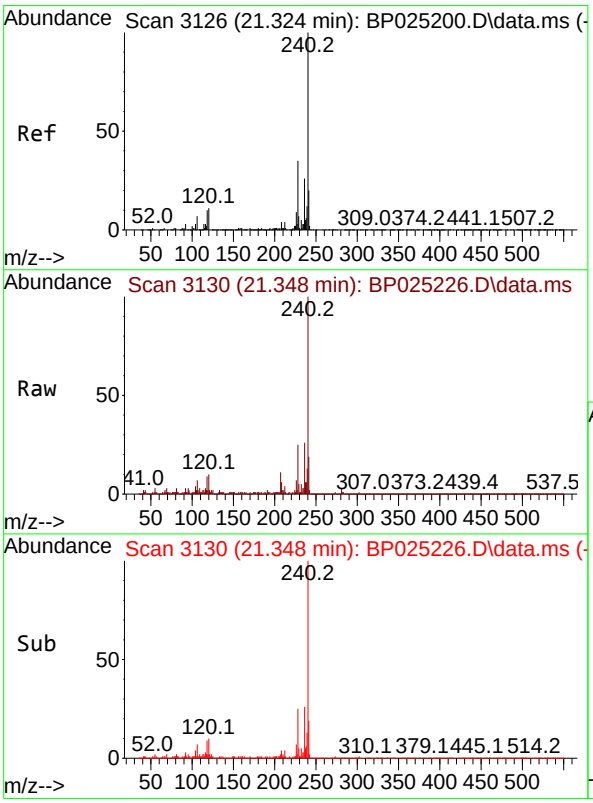

#75
Fluoranthene
Concen: 41.156 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 6660238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 30.3 |
| 203 | 17.9 | 0.0 | 38.0 |

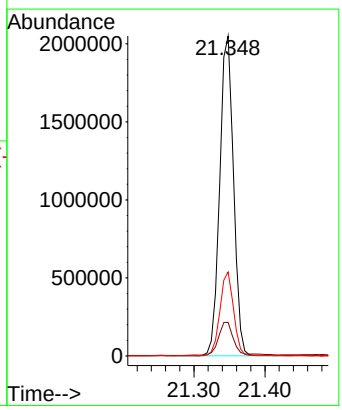


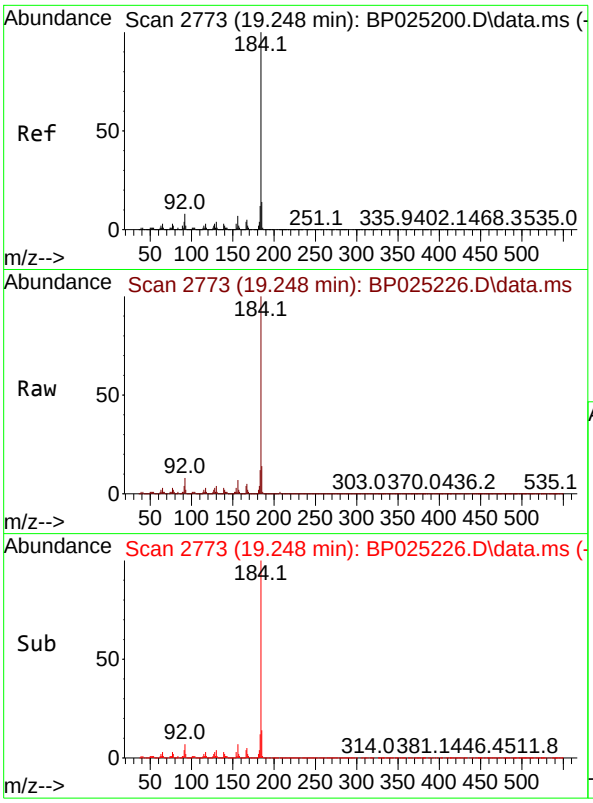




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:240 Resp: 2750456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 8.8 | 13.2 |
| 236 | 26.3 | 20.9 | 31.3 |



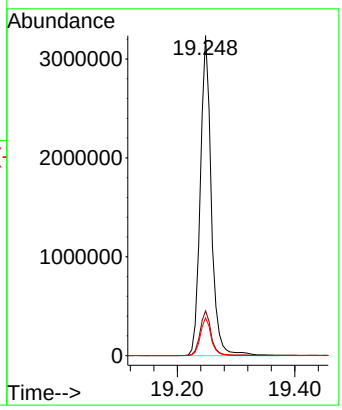


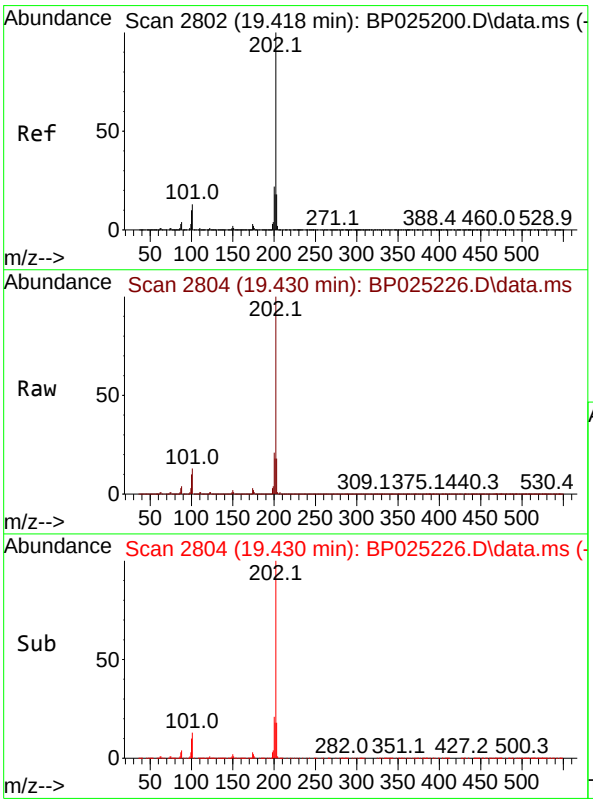

#77
Benzidine
Concen: 43.479 ng
RT: 19.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 4198464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.5 | 17.3 |
| 183 | 11.9 | 9.6 | 14.4 |

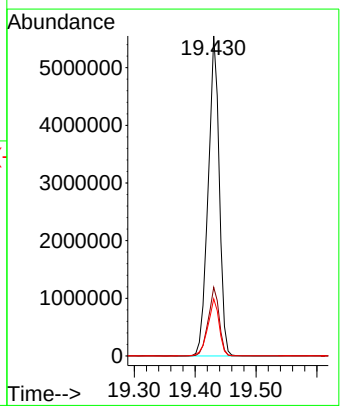


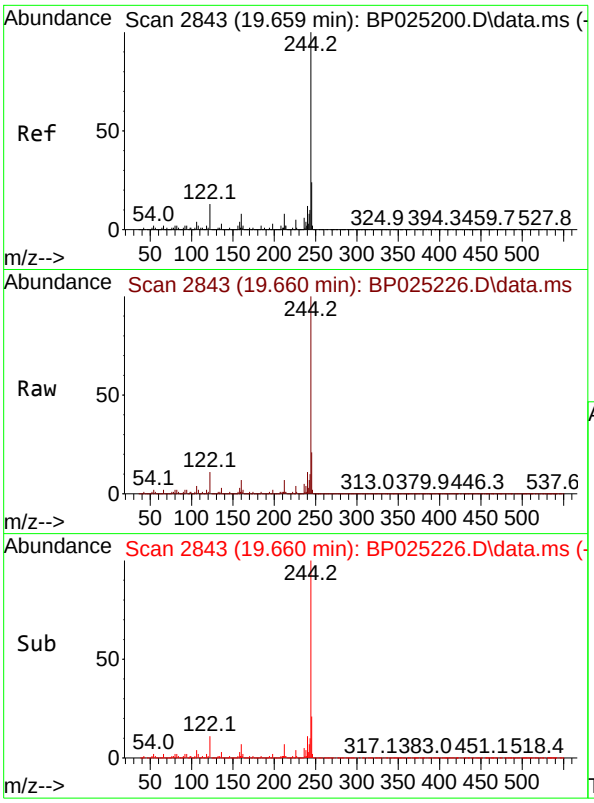




#78
Pyrene
Concen: 41.430 ng
RT: 19.430 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:202 Resp: 7026109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |



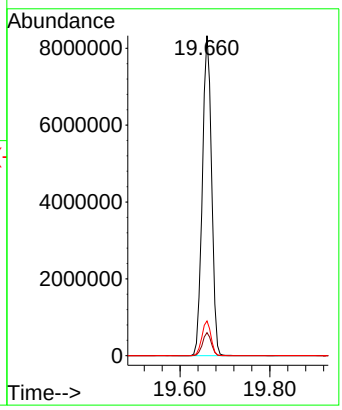


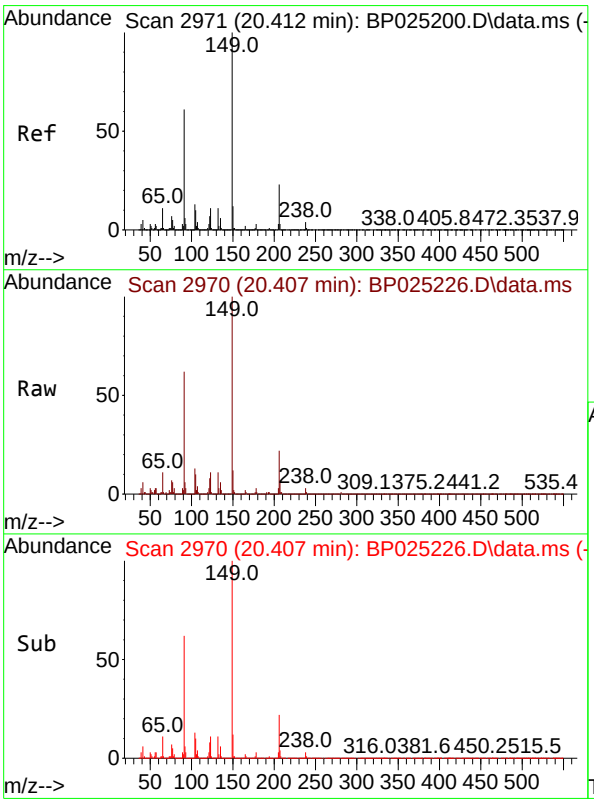

#79
Terphenyl-d14
Concen: 85.004 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:244 Resp:11843736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.6 | 9.8 |
| 122 | 10.8 | 10.3 | 15.5 |

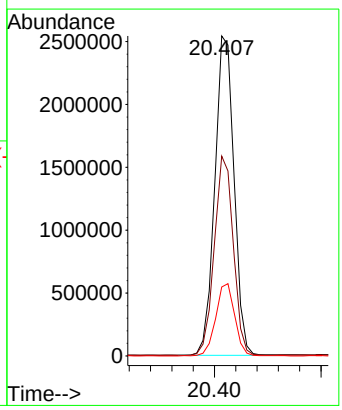


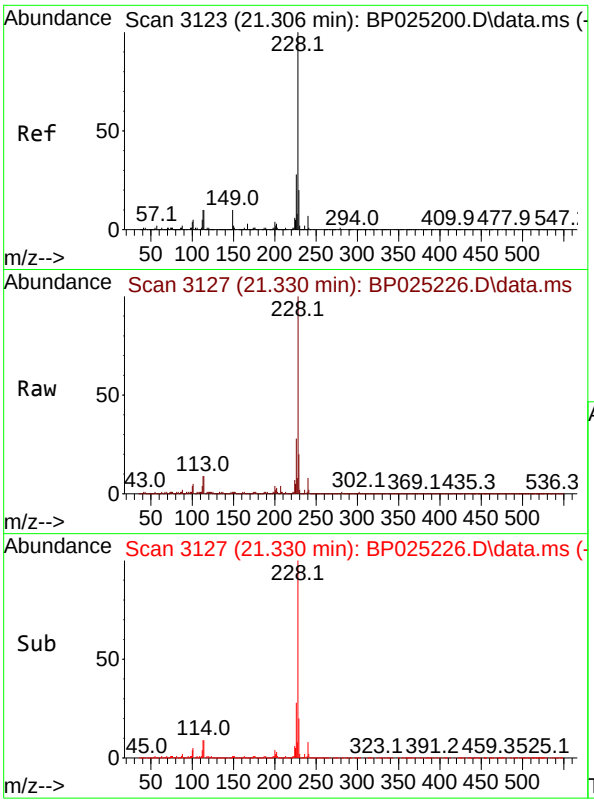




#80
Butylbenzylphthalate
Concen: 41.362 ng
RT: 20.407 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 3175224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.4 | 48.8 | 73.2 |
| 206 | 21.6 | 18.4 | 27.6 |



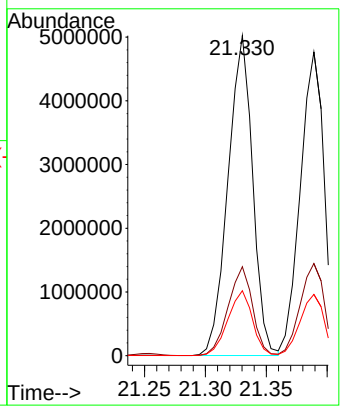


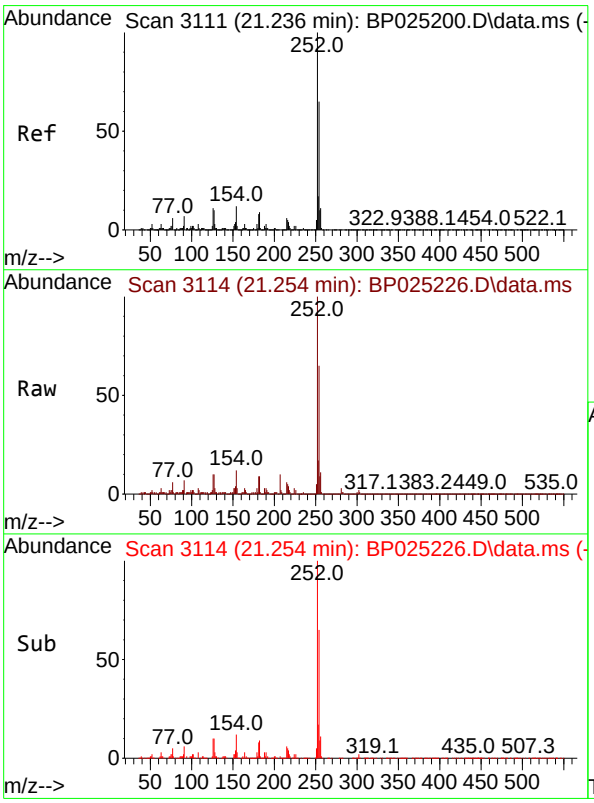

#81
Benzo(a)anthracene
Concen: 40.758 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 7079313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.3 | 33.5 |
| 229 | 20.3 | 16.2 | 24.2 |

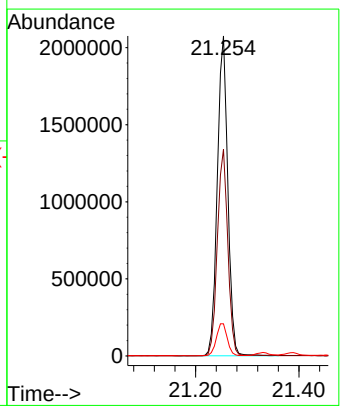


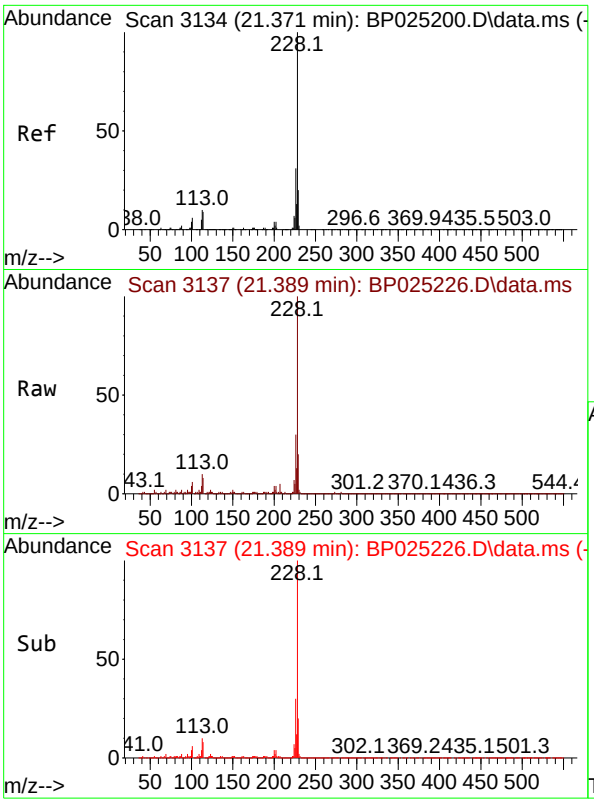




#82
3,3'-Dichlorobenzidine
Concen: 40.448 ng
RT: 21.254 min Scan# 3114
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 2912207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 52.1 | 78.1 |
| 126 | 10.1 | 8.6 | 12.8 |



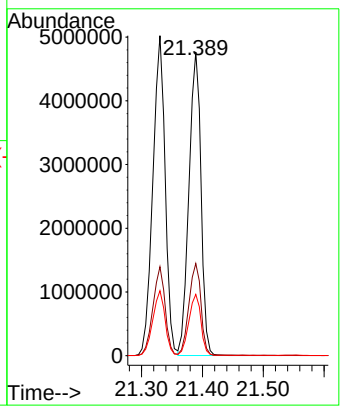


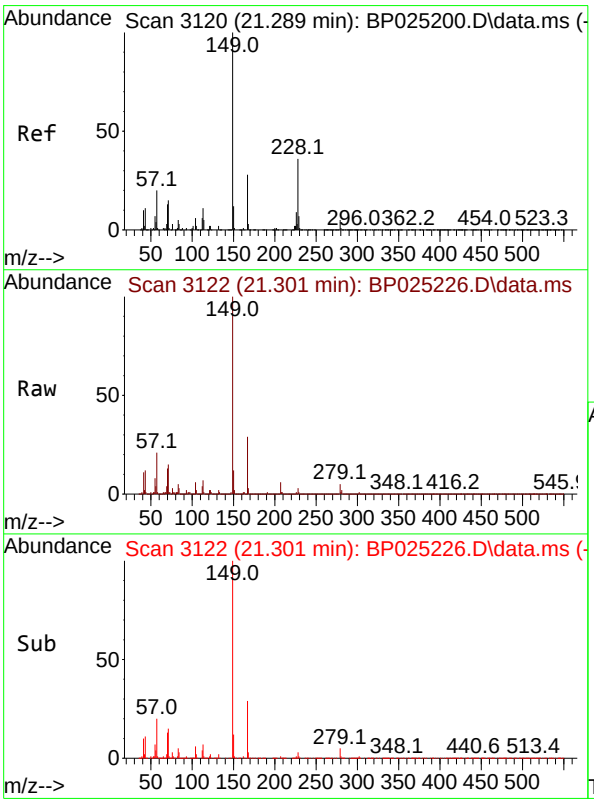

#83
Chrysene
Concen: 40.349 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:228 Resp: 6542329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |

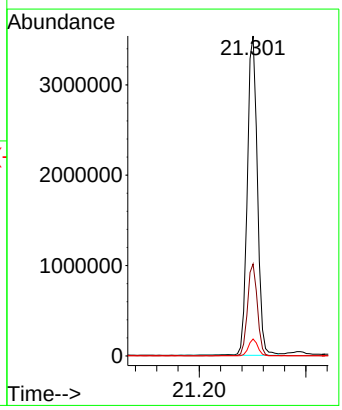


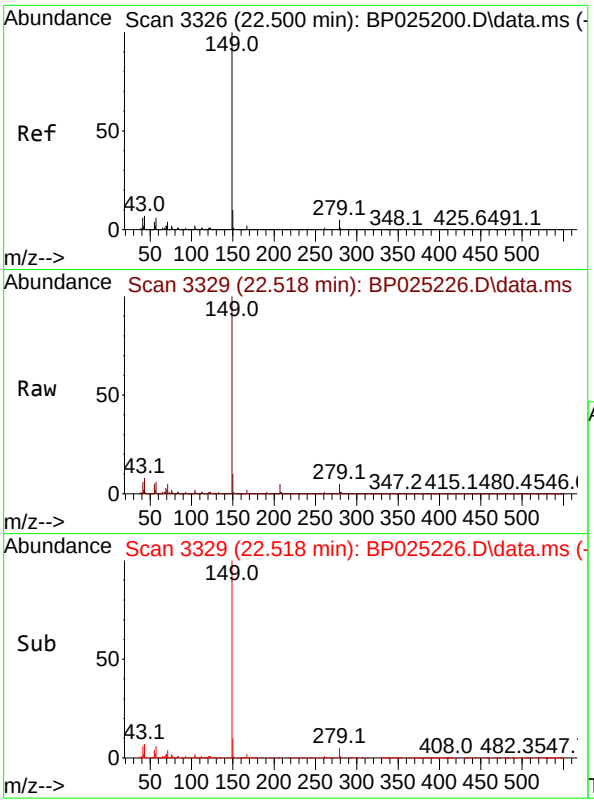




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.232 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:149 Resp: 4635740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.7 | 22.6 | 34.0 |
| 279 | 5.3 | 4.0 | 6.0 |



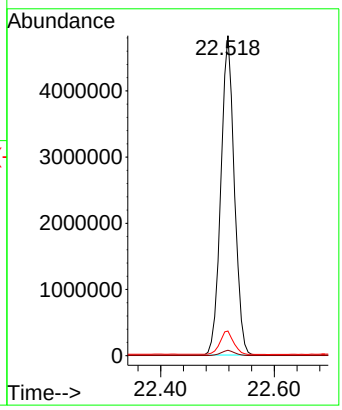


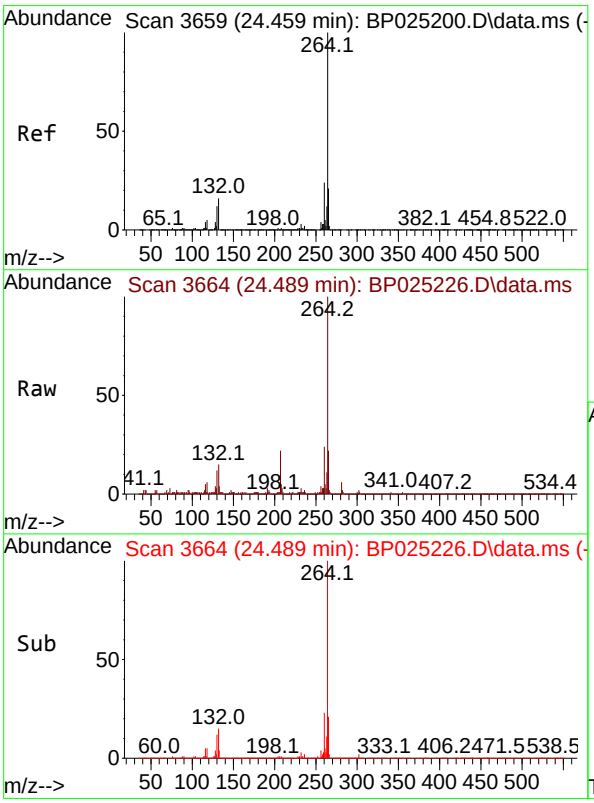

#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 22.518 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 7969743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

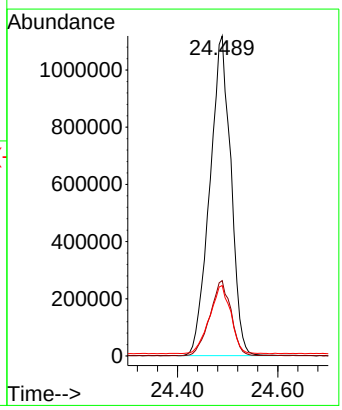


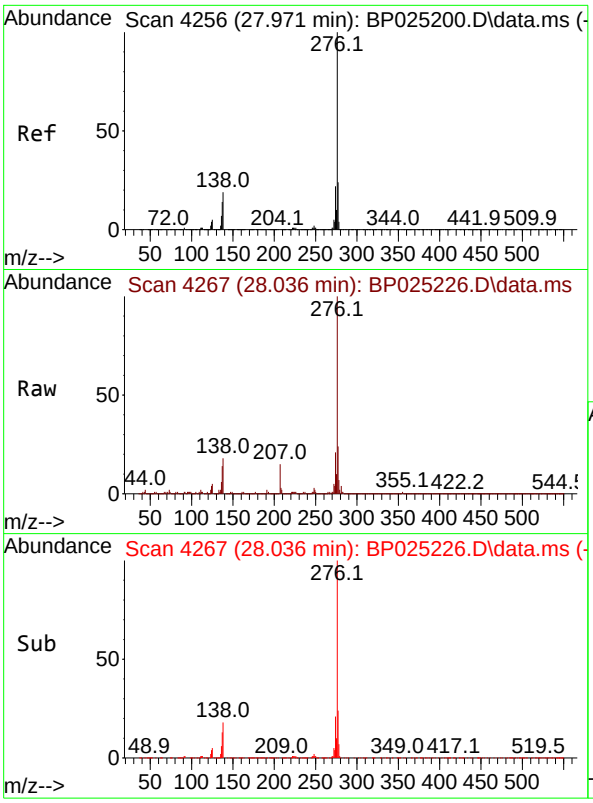




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. 0.030 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:264 Resp: 3266187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.6 |
| 265 | 22.0 | 17.5 | 26.3 |



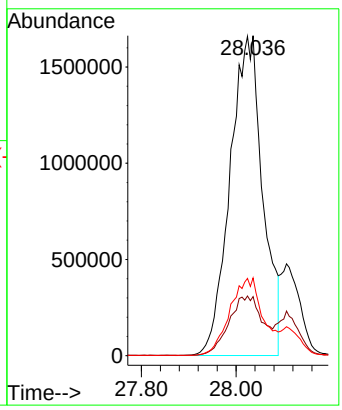


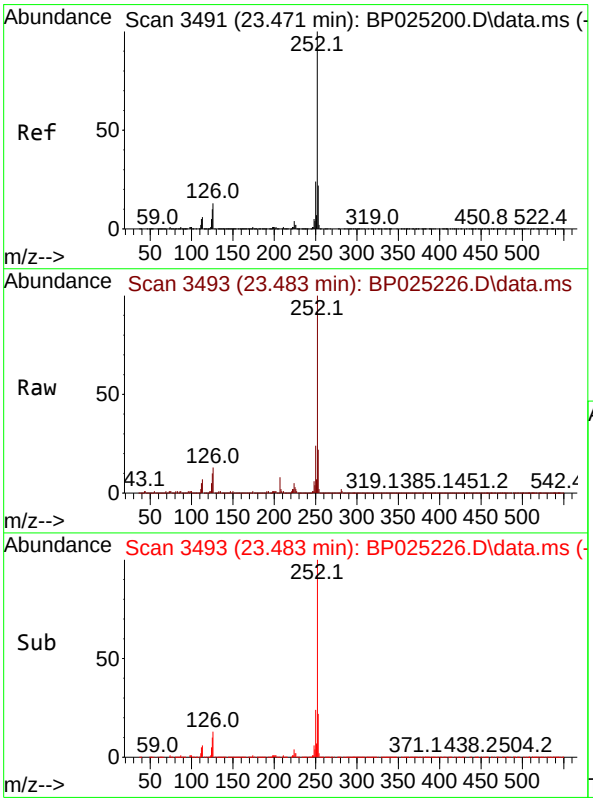

#87
Indeno(1,2,3-cd)pyrene
Concen: 33.480 ng
RT: 28.036 min Scan# 4
Delta R.T. 0.065 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 7991209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 12.8 | 19.2# |
| 277 | 24.5 | 20.3 | 30.5 |

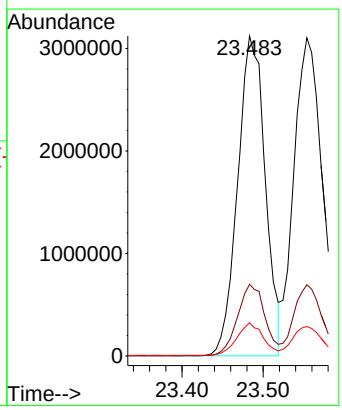


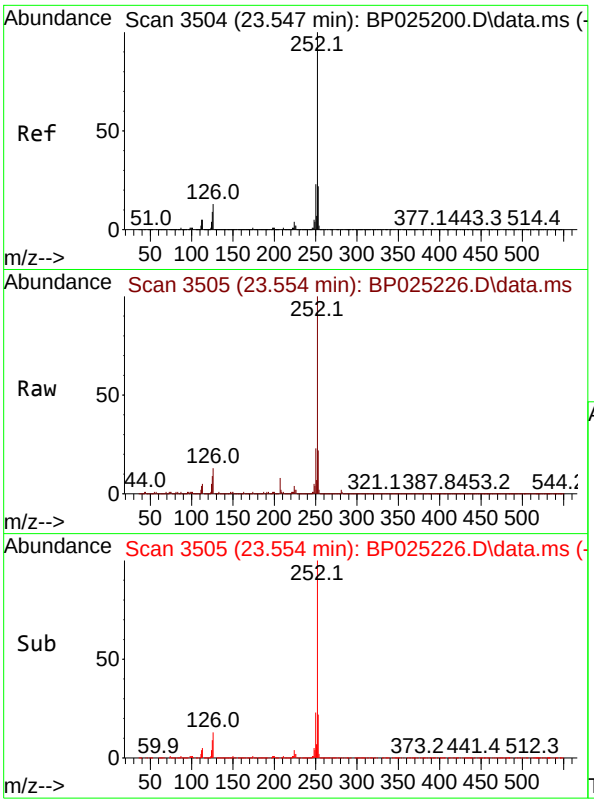




#88
Benzo(b)fluoranthene
Concen: 39.332 ng
RT: 23.483 min Scan# 3493
Delta R.T. 0.012 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7353598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.0 | 27.0 |
| 125 | 10.3 | 7.8 | 11.8 |



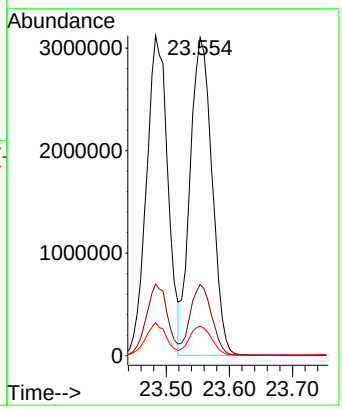


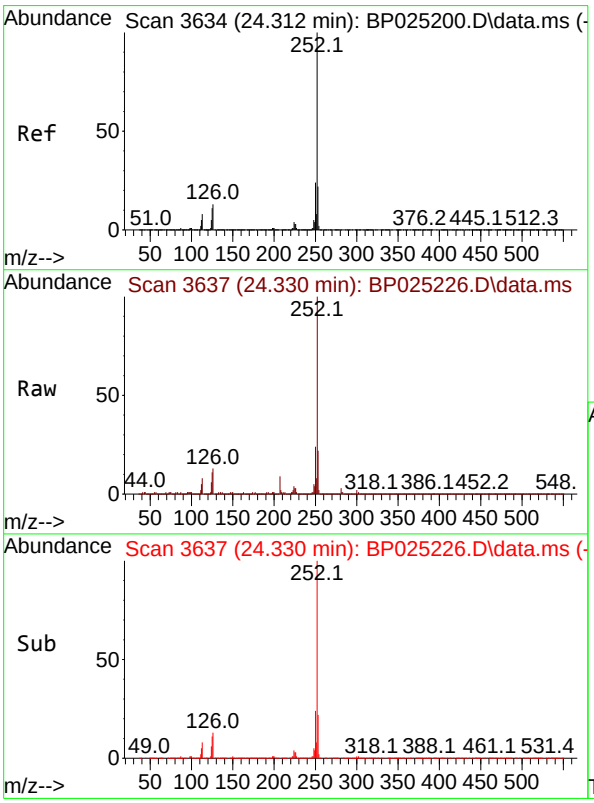

#89
Benzo(k)fluoranthene
Concen: 40.521 ng
RT: 23.554 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 7478960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 9.3 | 7.5 | 11.3 |

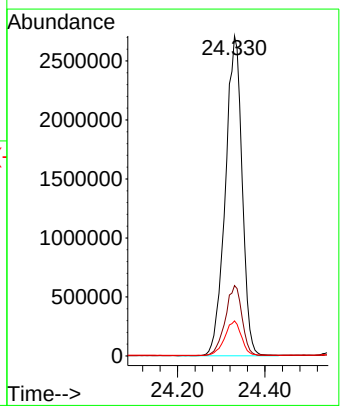


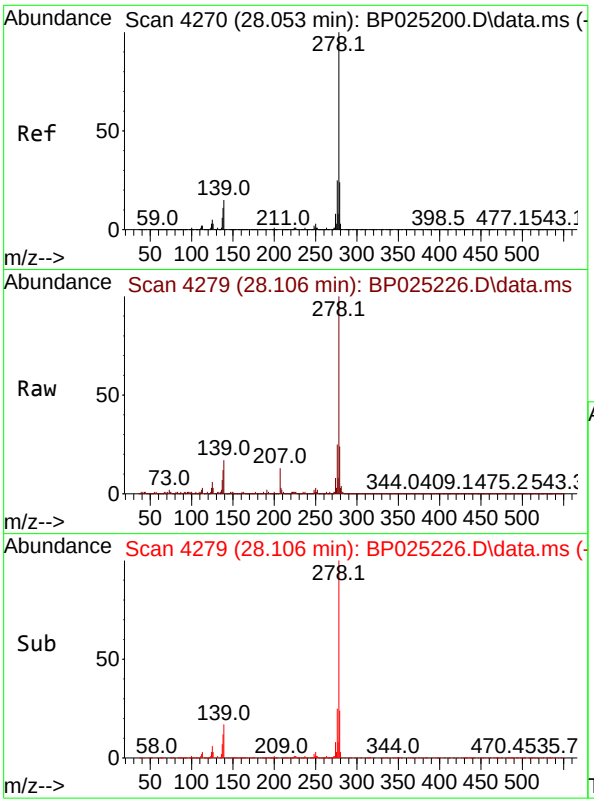




#90
Benzo(a)pyrene
Concen: 39.502 ng
RT: 24.330 min Scan# 3637
Delta R.T. 0.018 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:252 Resp: 7205655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 10.9 | 8.6 | 12.8 |



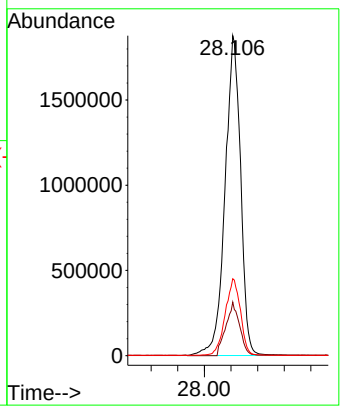


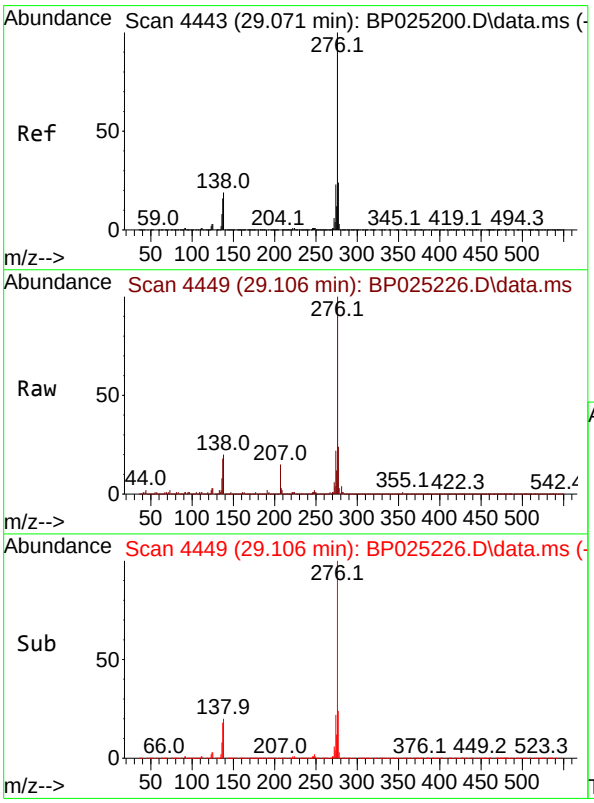

#91
Dibenzo(a,h)anthracene
Concen: 39.046 ng
RT: 28.106 min Scan# 4
Delta R.T. 0.053 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:278 Resp: 7603495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 12.0 | 18.0 |
| 279 | 24.0 | 19.5 | 29.3 |

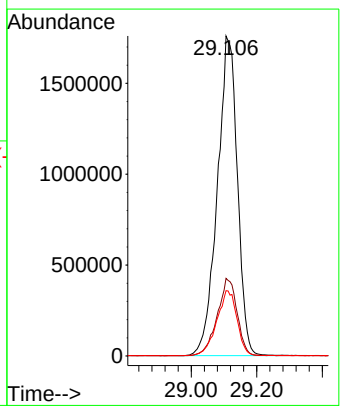



#92
Benzo(g,h,i)perylene
Concen: 38.916 ng
RT: 29.106 min Scan# 4449
Delta R.T. 0.036 min
Lab File: BP025226.D
Acq: 23 Jul 2025 16:13

Tgt Ion:276 Resp: 7447383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 20.4 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 475755 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.178 | 136 | 2010398 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.078 | 164 | 1363058 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.895 | 188 | 2867783 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.336 | 240 | 2918399 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.483 | 264 | 3385440 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2196567 | 78.011 | ng | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2861029 | 82.039 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 2873708 | 79.438 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.601 | 330 | 1690516 | 84.128 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.683 | 172 | 7739219 | 80.047 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 12492781 | 84.502 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 393587 | 37.296 | ng | 100 |
| 3) Pyridine | 3.490 | 79 | 1090608 | 38.607 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 435495 | 38.874 | ng | 95 |
| 6) Aniline | 6.784 | 93 | 1852487 | 40.638 | ng | 100 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1296331 | 40.576 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 930250 | 39.343 | ng | 99 |
| 10) Phenol | 6.666 | 94 | 1467116 | 40.566 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1103356 | 39.793 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1409952 | 39.245 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 1433228 | 39.521 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.778 | 146 | 1397689 | 40.064 | ng | 100 |
| 15) Benzyl Alcohol | 7.678 | 79 | 1042913 | 41.459 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.954 | 45 | 1399883 | 39.458 | ng | 99 |
| 17) 2-Methylphenol | 7.878 | 107 | 1036790 | 41.350 | ng | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 493527 | 39.573 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 861892 | 41.082 | ng | 99 |
| 20) 3+4-Methylphenols | 8.201 | 107 | 1427970 | 41.751 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1831992 | 39.161 | ng | 99 |
| 24) Nitrobenzene | 8.607 | 77 | 1277454 | 39.614 | ng | 97 |
| 25) Isophorone | 9.131 | 82 | 2499307 | 39.287 | ng | 99 |
| 26) 2-Nitrophenol | 9.301 | 139 | 754572 | 40.747 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1242956 | 40.112 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.613 | 93 | 1537420 | 38.637 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.837 | 162 | 1301415 | 40.880 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.048 | 180 | 1377874 | 39.627 | ng | 100 |
| 31) Naphthalene | 10.231 | 128 | 4078359 | 39.644 | ng | 100 |
| 32) Benzoic acid | 9.542 | 122 | 1130735 | 47.799 | ng | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 1843296 | 40.762 | ng | 99 |
| 34) Hexachlorobutadiene | 10.519 | 225 | 820021 | 39.183 | ng | 100 |
| 35) Caprolactam | 11.131 | 113 | 442265 | 41.859 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1343300 | 42.212 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.854 | 142 | 2729444 | 40.859 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.072 | 142 | 2849738 | 40.612 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216 | 1603484 | 39.246 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.213 | 237 | 686433 | 28.144 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.478 | 196 | 1125399 | 40.313 | ng | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.554 | 196 | 1268169 | 41.280 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.883 | 154 | 3899850 | 39.468 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.925 | 162 | 3060262 | 39.669 | ng | 100 |
| 48) 2-Nitroaniline | 13.136 | 65 | 801067 | 40.662 | ng | 98 |
| 49) Acenaphthylene | 13.789 | 152 | 5069233 | 40.627 | ng | 100 |
| 50) Dimethylphthalate | 13.542 | 163 | 3841185 | 39.404 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 869516 | 41.051 | ng | 99 |
| 52) Acenaphthene | 14.142 | 154 | 2905616 | 40.271 | ng | 99 |
| 53) 3-Nitroaniline | 13.983 | 138 | 989939 | 41.445 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.201 | 184 | 388691 | 30.972 | ng | 99 |
| 55) Dibenzofuran | 14.483 | 168 | 4751994 | 40.773 | ng | 99 |
| 56) 4-Nitrophenol | 14.325 | 139 | 863006 | 42.223 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1246666 | 42.047 | ng | 97 |
| 58) Fluorene | 15.154 | 166 | 3806233 | 41.137 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.725 | 232 | 1149936 | 42.296 | ng | 99 |
| 60) Diethylphthalate | 14.942 | 149 | 3976402 | 41.387 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 1882300 | 40.260 | ng | 98 |
| 62) 4-Nitroaniline | 15.172 | 138 | 1023508 | 42.134 | ng | 97 |
| 63) Azobenzene | 15.460 | 77 | 3266015 | 41.714 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.242 | 198 | 581859 | 31.439 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.377 | 169 | 3454679 | 39.689 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.066 | 248 | 1298184 | 38.788 | ng | 99 |
| 68) Hexachlorobenzene | 16.183 | 284 | 1585091 | 39.880 | ng | 98 |
| 69) Atrazine | 16.377 | 200 | 1295226 | 40.212 | ng | 100 |
| 70) Pentachlorophenol | 16.548 | 266 | 1118886 | 41.397 | ng | 100 |
| 71) Phenanthrene | 16.942 | 178 | 6216763 | 40.193 | ng | 100 |
| 72) Anthracene | 17.036 | 178 | 6397046 | 41.055 | ng | 100 |
| 73) Carbazole | 17.319 | 167 | 5947679 | 39.986 | ng | 99 |
| 74) Di-n-butylphthalate | 17.942 | 149 | 7287726 | 42.462 | ng | 100 |
| 75) Fluoranthene | 19.048 | 202 | 7323528 | 40.231 | ng | 99 |
| 77) Benzidine | 19.254 | 184 | 4620449 | 45.096 | ng | 99 |
| 78) Pyrene | 19.424 | 202 | 7452139 | 41.413 | ng | 99 |
| 80) Butylbenzylphthalate | 20.412 | 149 | 3474816 | 42.660 | ng | 99 |
| 81) Benzo(a)anthracene | 21.318 | 228 | 7258836 | 39.386 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3081562 | 40.337 | ng | 100 |
| 83) Chrysene | 21.383 | 228 | 6904059 | 40.130 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.301 | 149 | 5131749 | 44.060 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.512 | 149 | 8746357 | 43.487 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.012 | 276 | 8630935 | 34.887 | ng | 96 |
| 88) Benzo(b)fluoranthene | 23.495 | 252 | 7728646 | 39.882 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.571 | 252 | 7546215 | 39.445 | ng | 99 |
| 90) Benzo(a)pyrene | 24.342 | 252 | 7480970 | 39.566 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.100 | 278 | 7830236 | 38.794 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.112 | 276 | 7622690 | 38.429 | ng | 99 |

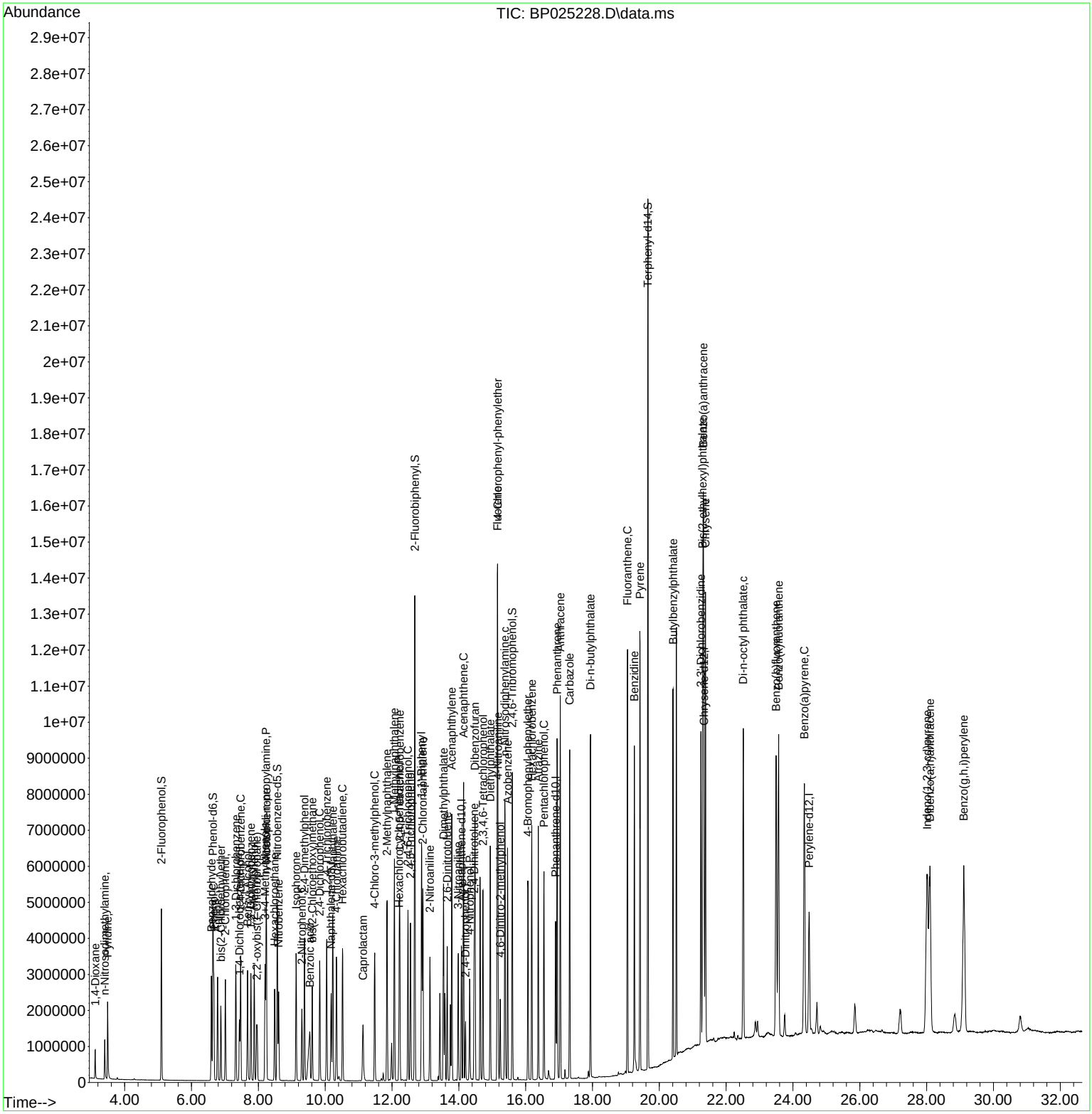
(#) = qualifier out of range (m) = manual integration (+) = signals summed

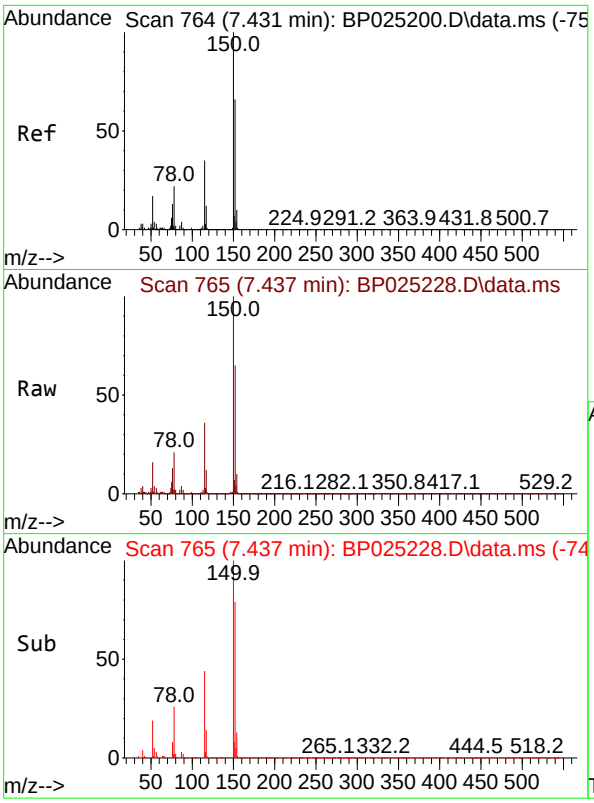
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



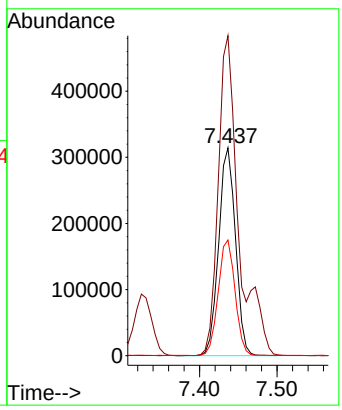


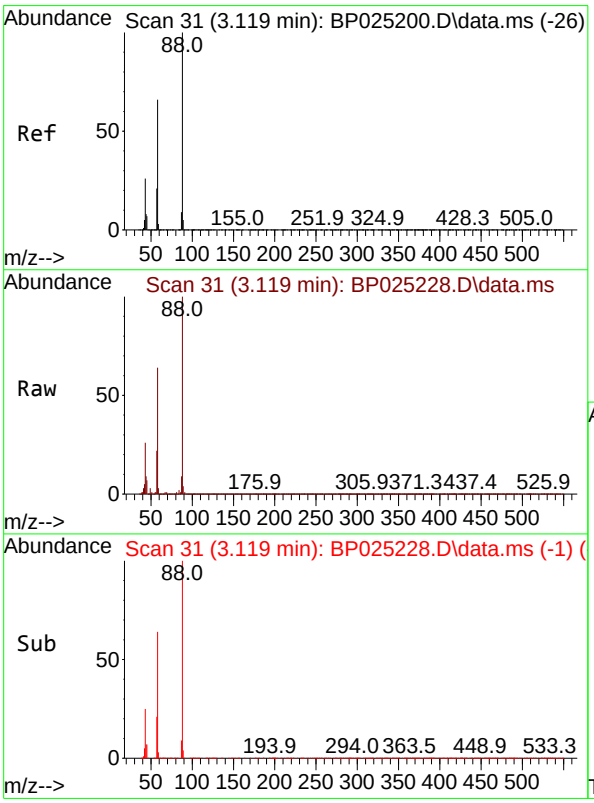

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 475755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.9 | 121.9 | 182.9 |
| 115 | 55.7 | 43.0 | 64.6 |

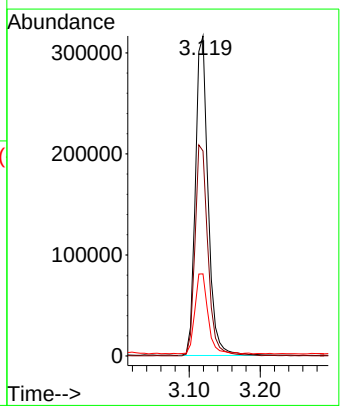


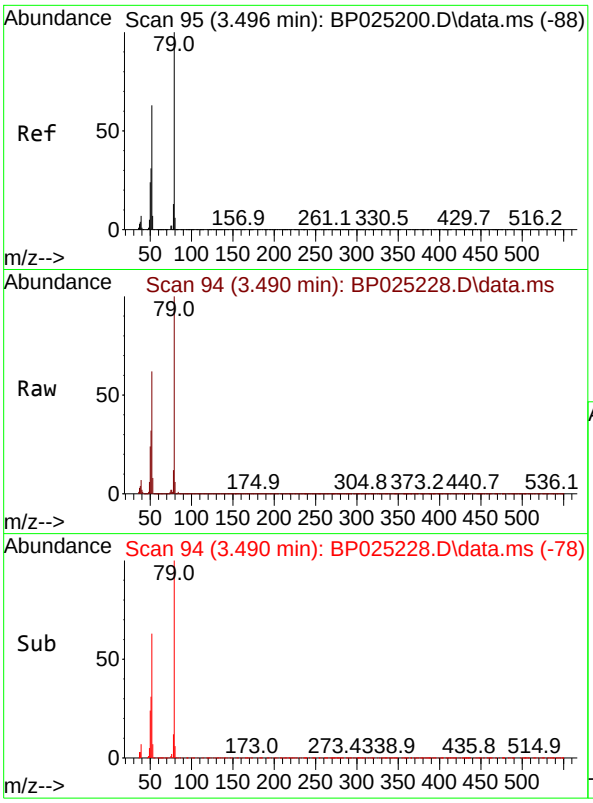




#2
1,4-Dioxane
Concen: 37.296 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 88 Resp: 393587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.0 | 53.5 | 80.3 |
| 43 | 25.7 | 20.8 | 31.2 |



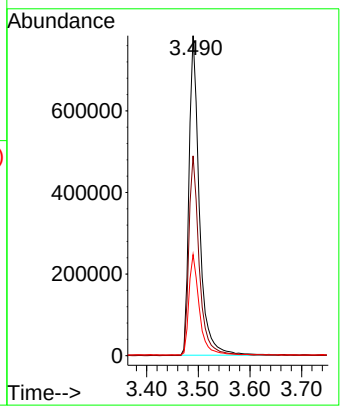


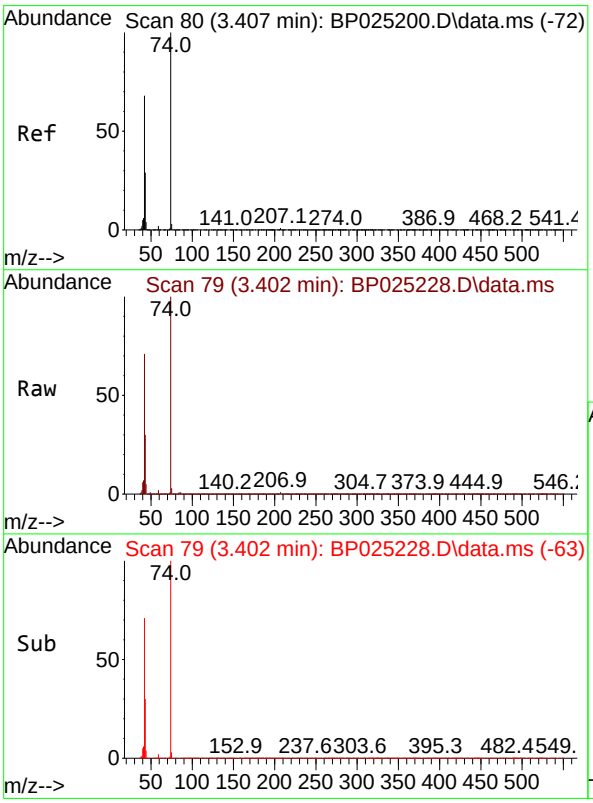

#3
Pyridine
Concen: 38.607 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1090608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.5 | 50.2 | 75.4 |
| 51 | 31.6 | 25.0 | 37.4 |

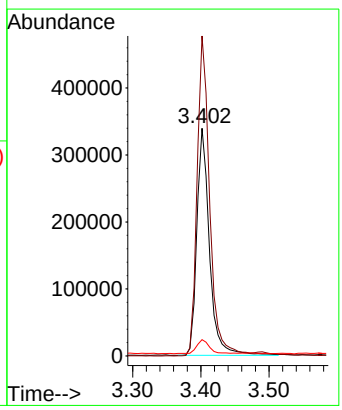


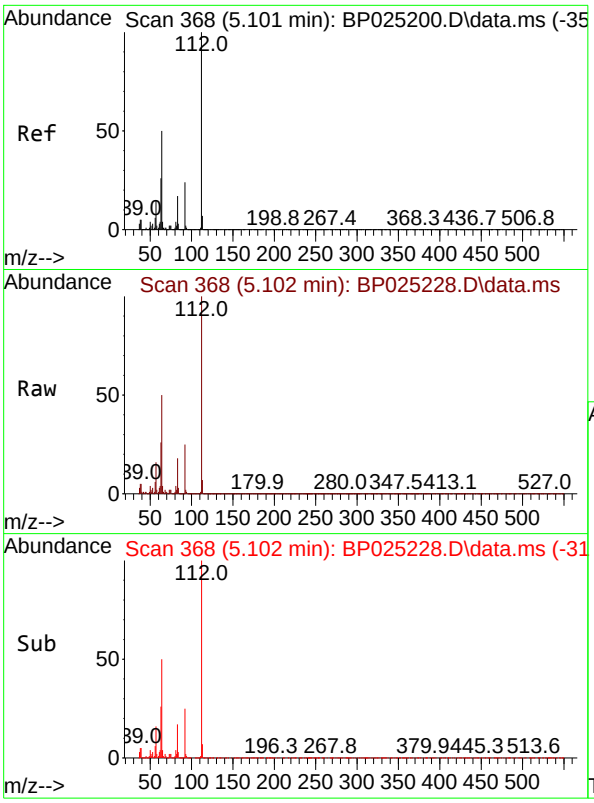




#4
n-Nitrosodimethylamine
Concen: 38.874 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 42 Resp: 435495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.6 | 118.0 | 177.0 |
| 44 | 7.2 | 5.5 | 8.3 |



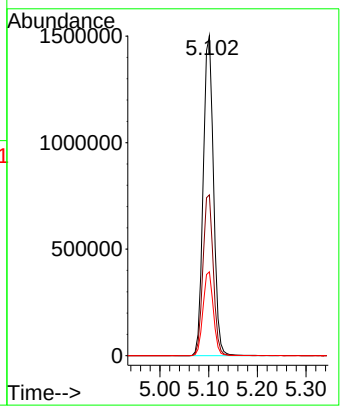


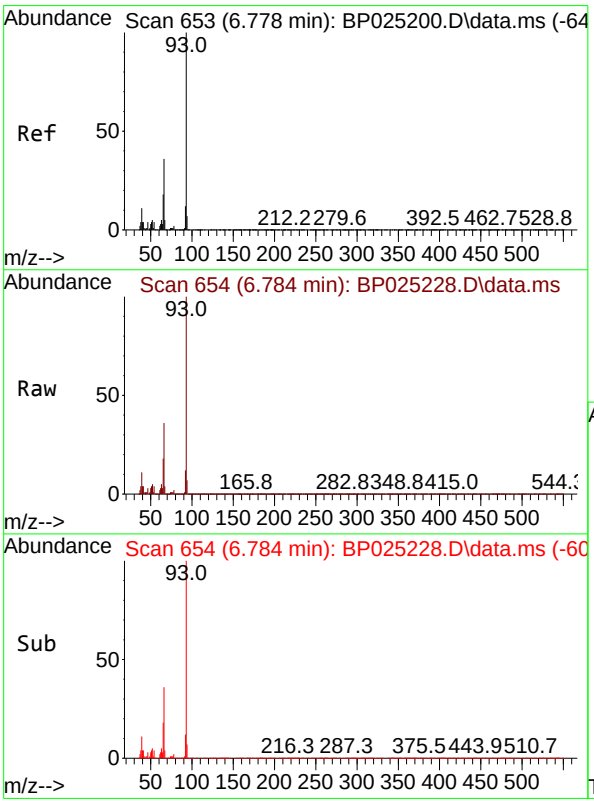

#5
2-Fluorophenol
Concen: 78.011 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 2196567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 39.8 | 59.6 |
| 63 | 26.2 | 20.5 | 30.7 |

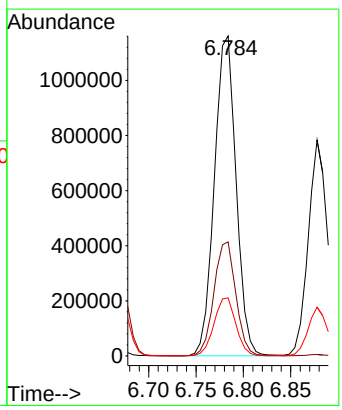


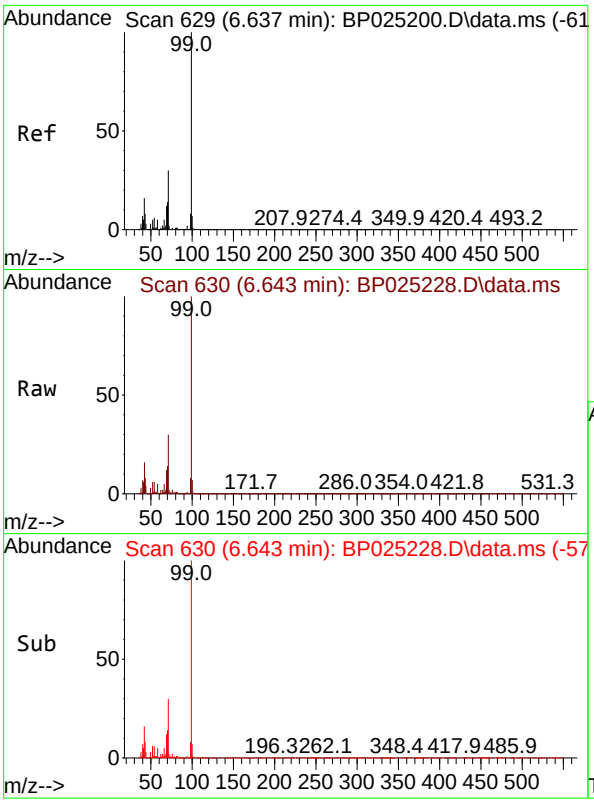




#6
Aniline
Concen: 40.638 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1852487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.7 | 28.6 | 43.0 |
| 65 | 18.2 | 14.6 | 21.8 |



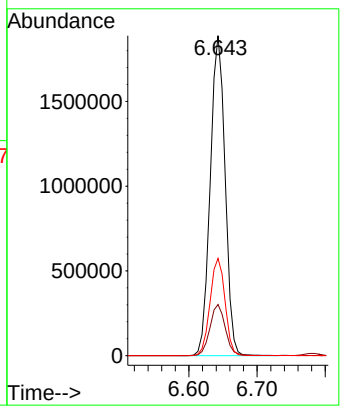


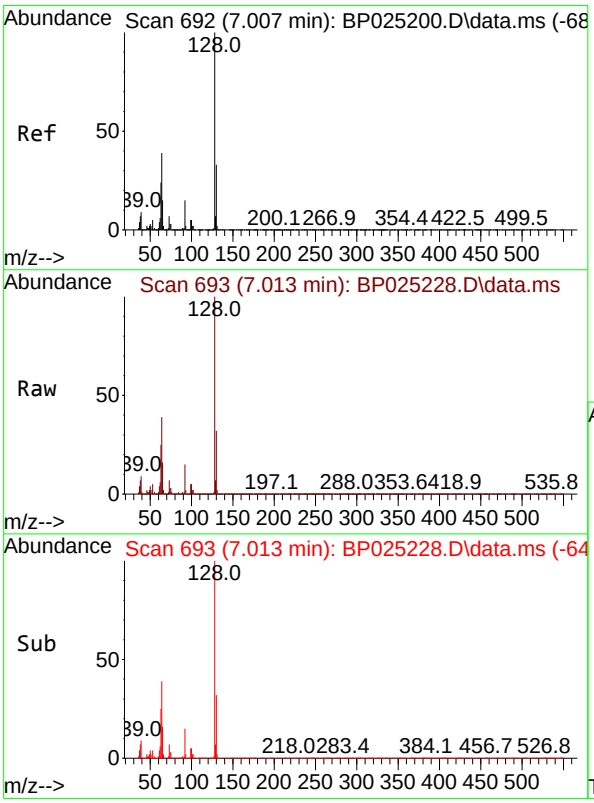

#7
Phenol-d6
Concen: 82.039 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 2861029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.5 | 18.7 |
| 71 | 30.4 | 24.2 | 36.2 |

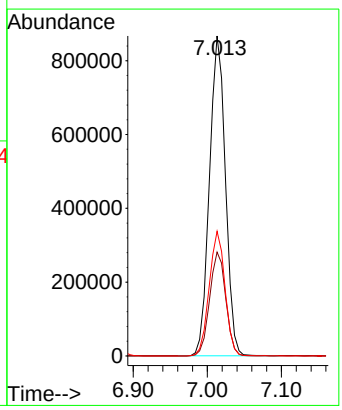


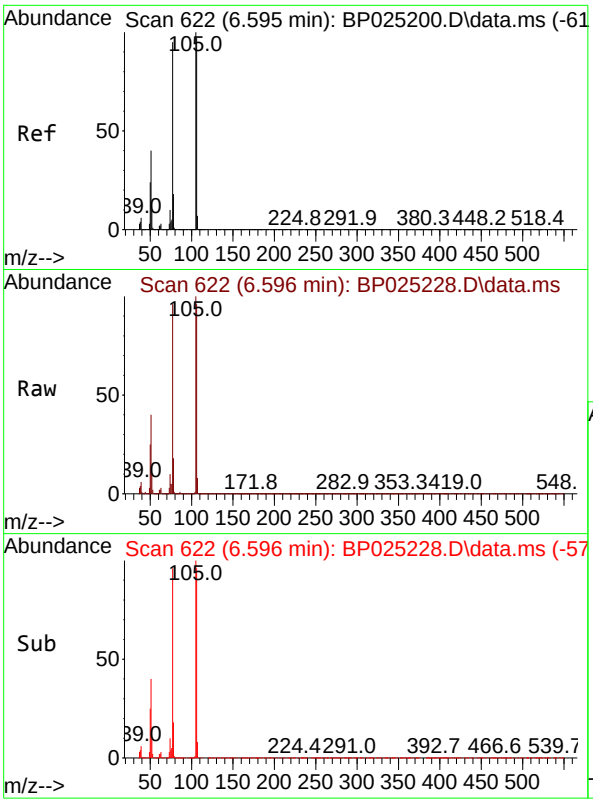




#8
2-Chlorophenol
Concen: 40.576 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 1296331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.9 | 52.9 |
| 64 | 38.9 | 19.2 | 59.2 |



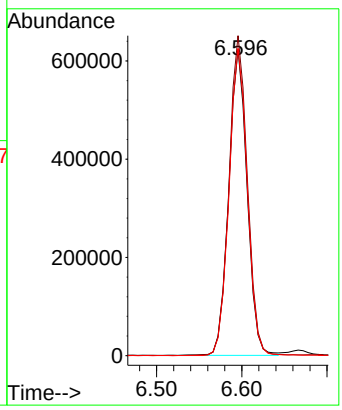


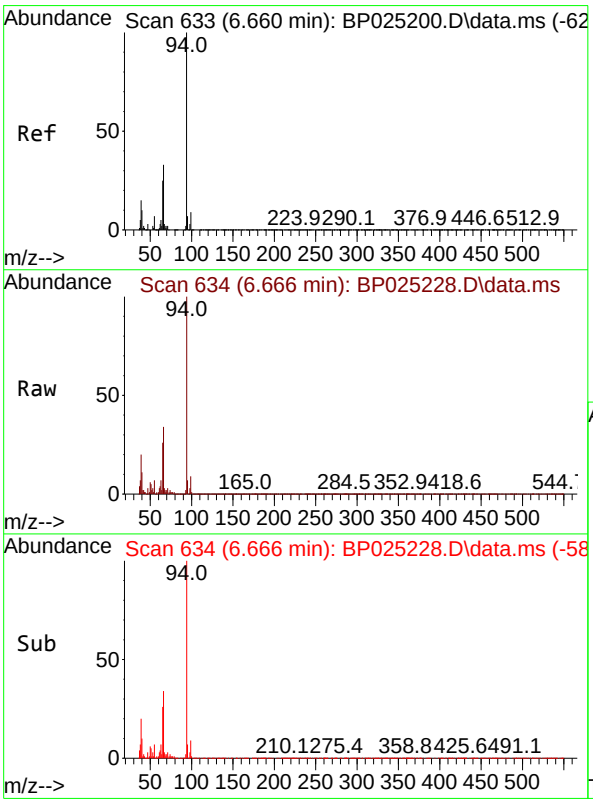

#9
Benzaldehyde
Concen: 39.343 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 930250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.5 | 85.5 | 125.5 |
| 106 | 100.4 | 81.9 | 121.9 |

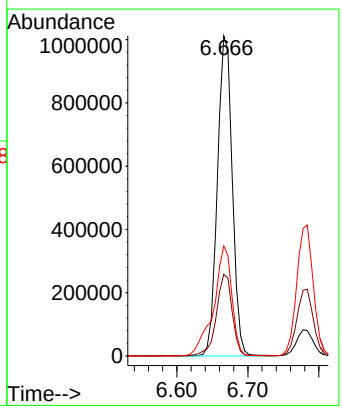


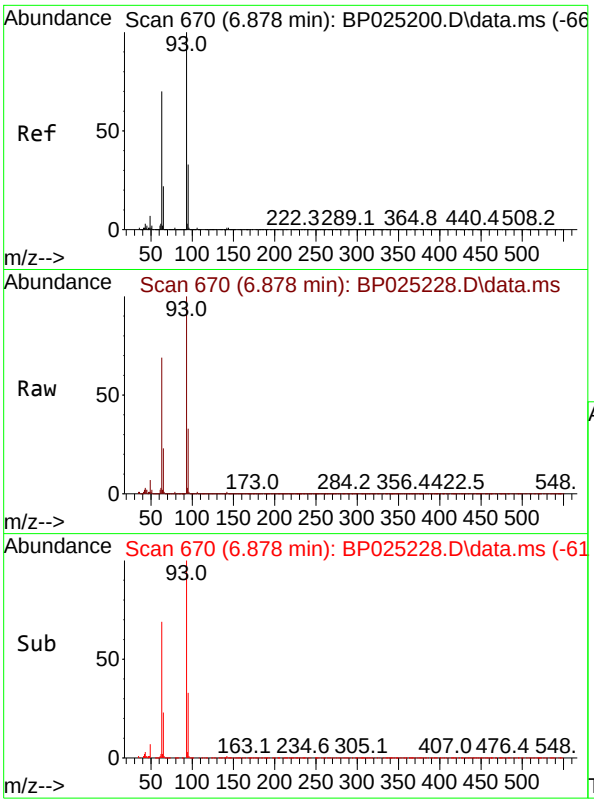




#10
Phenol
Concen: 40.566 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 94 Resp: 1467116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.5 | 5.4 | 45.4 |
| 66 | 34.4 | 13.5 | 53.5 |



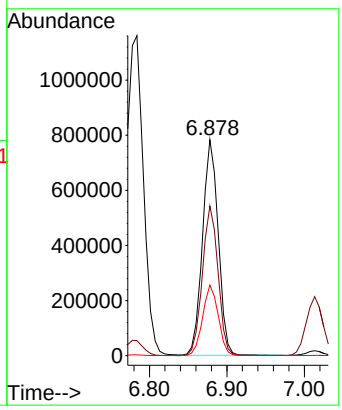


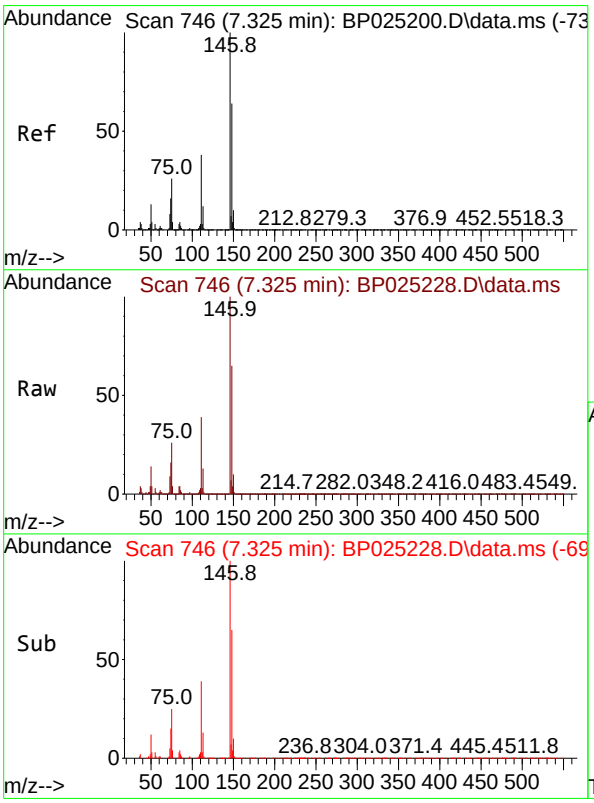

#11
bis(2-Chloroethyl)ether
Concen: 39.793 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 1103356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.4 | 50.0 | 90.0 |
| 95 | 32.7 | 12.9 | 52.9 |

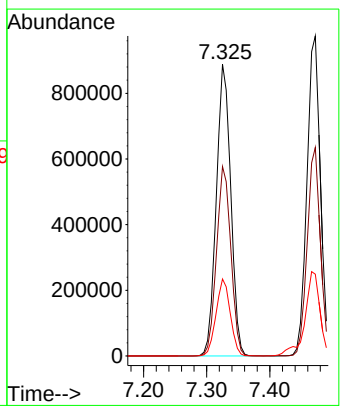


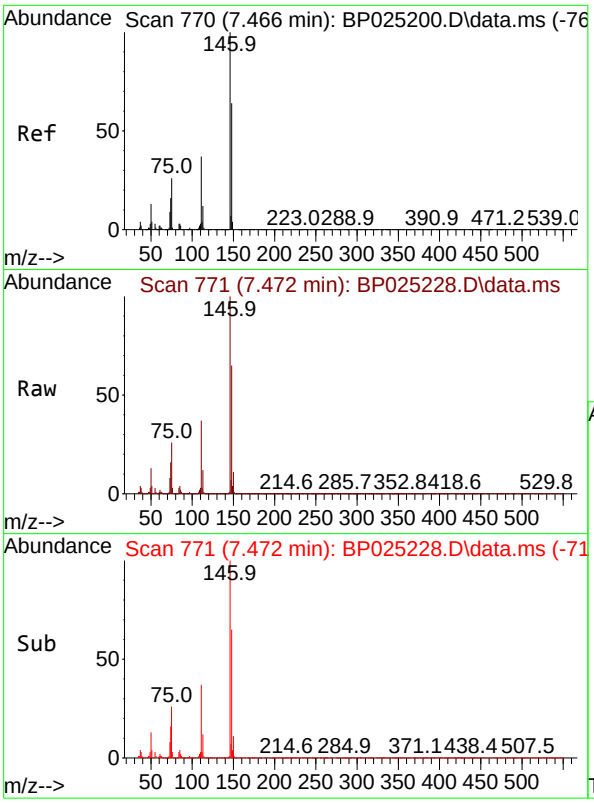




#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1409952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 51.4 | 77.0 |
| 75 | 26.4 | 20.6 | 31.0 |



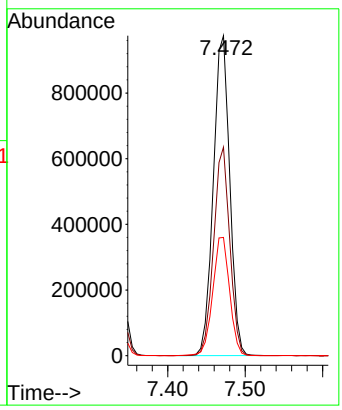


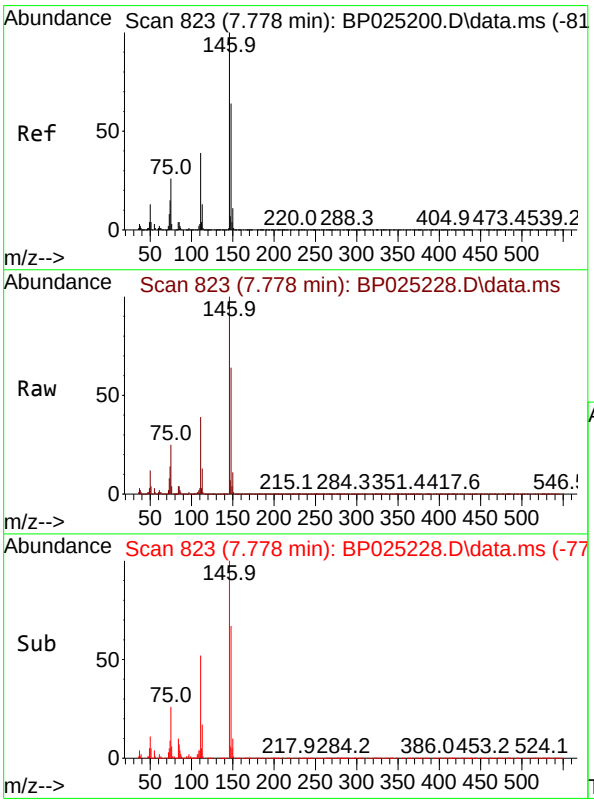

#13
1,4-Dichlorobenzene
Concen: 39.521 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 1433228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.2 |
| 111 | 37.0 | 29.9 | 44.9 |

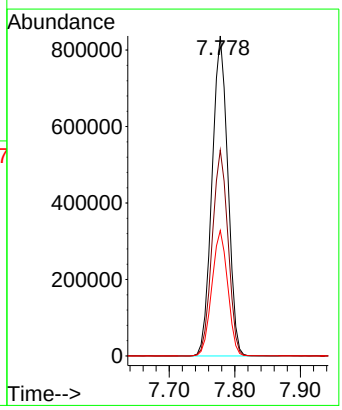


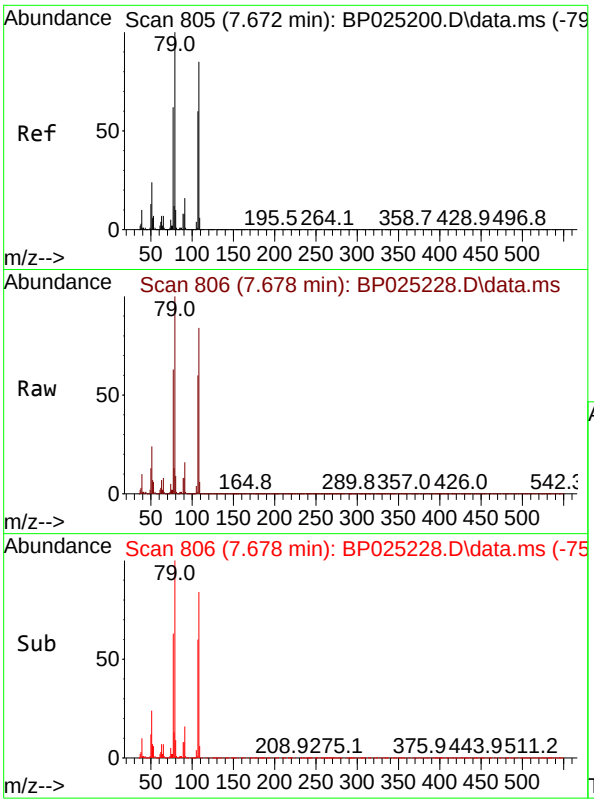




#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1397689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.5 | 77.3 |
| 111 | 39.2 | 31.3 | 46.9 |



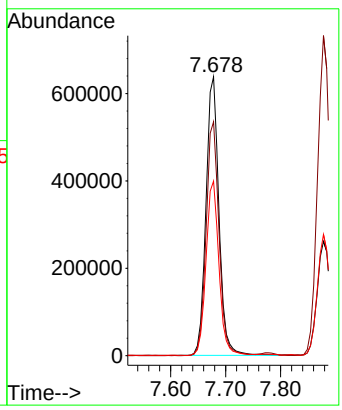


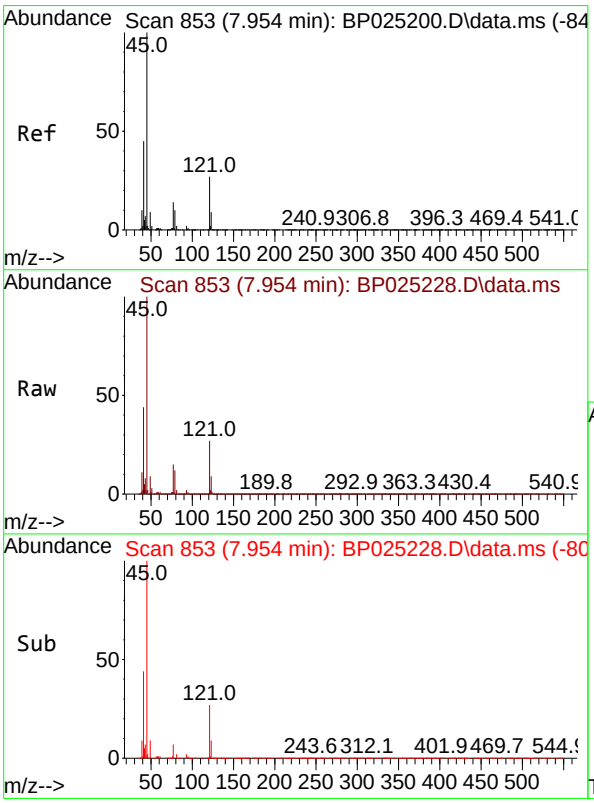

#15
Benzyl Alcohol
Concen: 41.459 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 1042913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.9 | 67.8 | 101.6 |
| 77 | 62.6 | 49.9 | 74.9 |

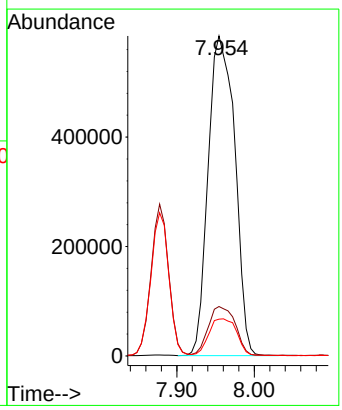


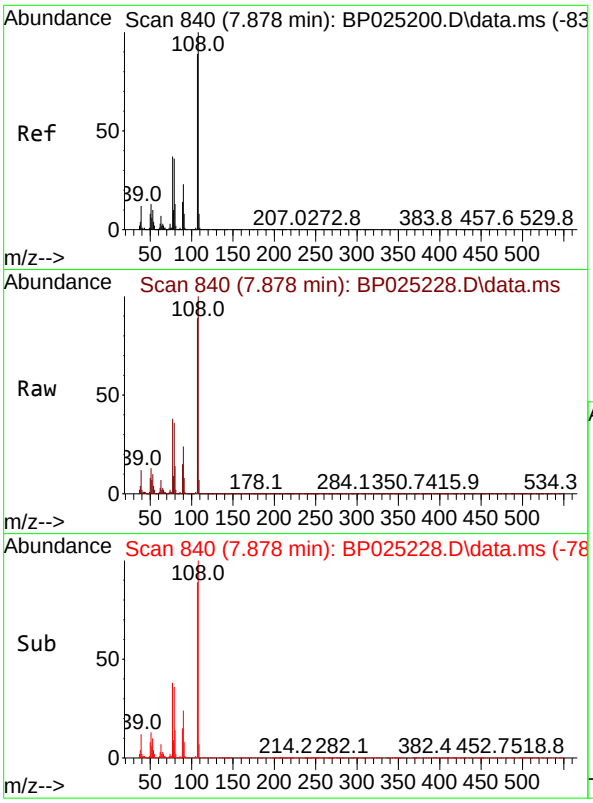




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 45 Resp: 1399883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.4 | 0.0 | 36.0 |
| 79 | 11.5 | 0.0 | 31.7 |



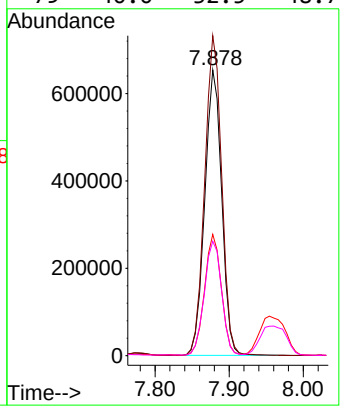


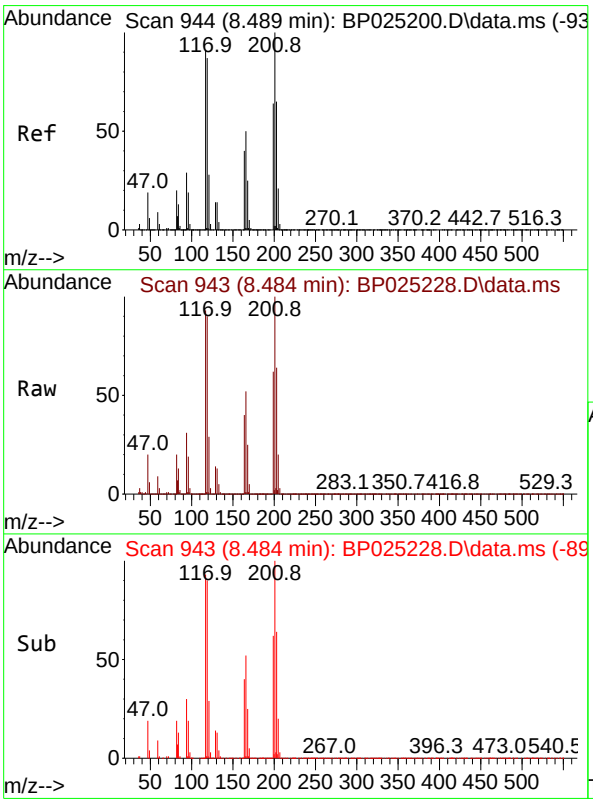

#17
2-Methylphenol
Concen: 41.350 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 1036790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 89.8 | 134.8 |
| 77 | 42.4 | 33.2 | 49.8 |
| 79 | 40.0 | 32.5 | 48.7 |

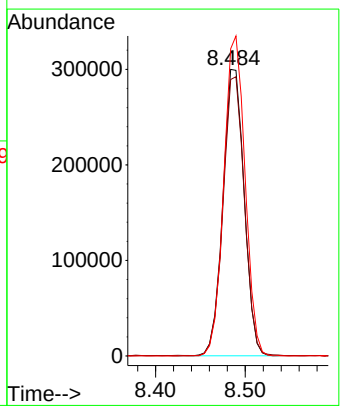


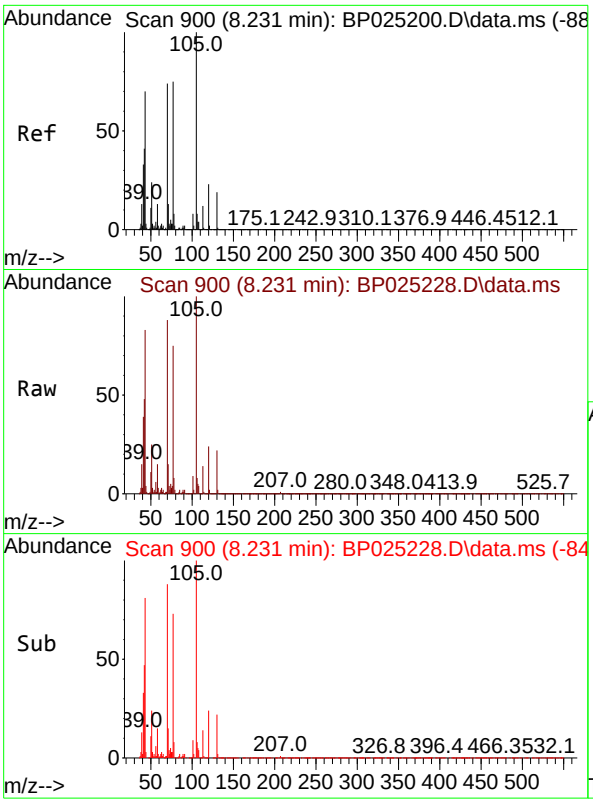




#18
Hexachloroethane
Concen: 39.573 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:117 Resp: 493527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.0 | 115.6 |
| 201 | 107.2 | 88.3 | 132.5 |



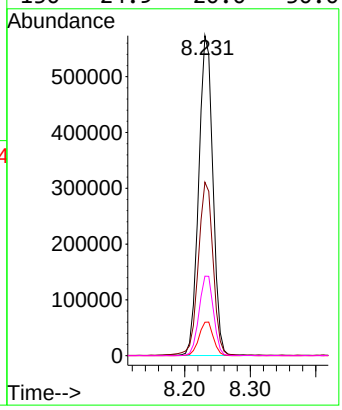


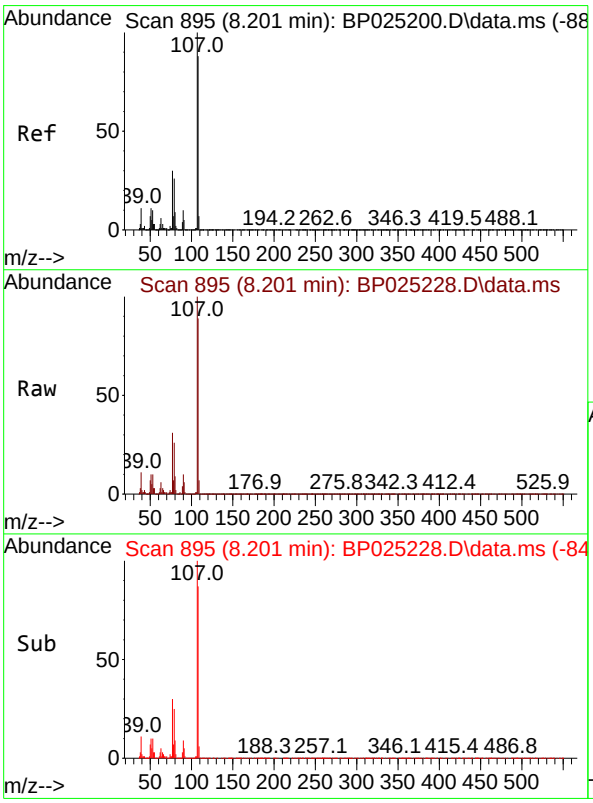

#19
n-Nitroso-di-n-propylamine
Concen: 41.082 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 861892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.2 | 44.2 | 66.2 |
| 101 | 10.4 | 8.6 | 12.8 |
| 130 | 24.9 | 20.0 | 30.0 |

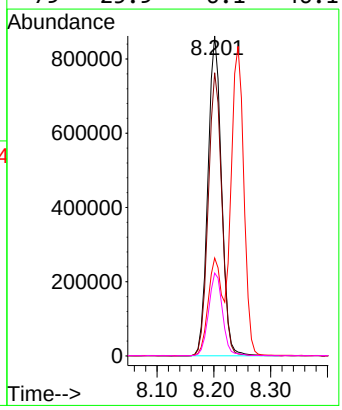


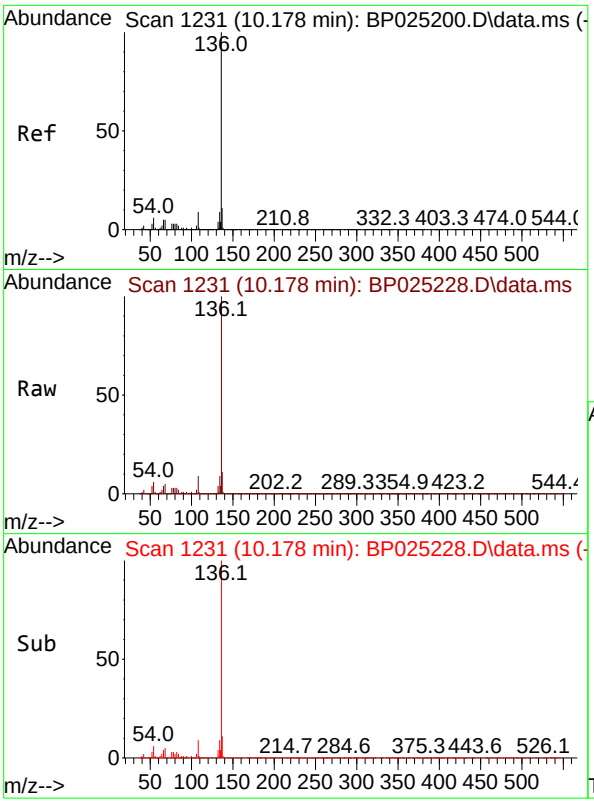




#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1427970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 67.8 | 107.8 |
| 77 | 30.6 | 10.3 | 50.3 |
| 79 | 25.9 | 6.1 | 46.1 |



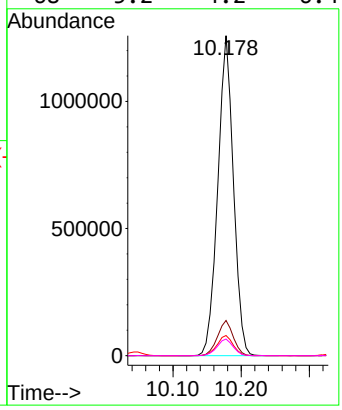


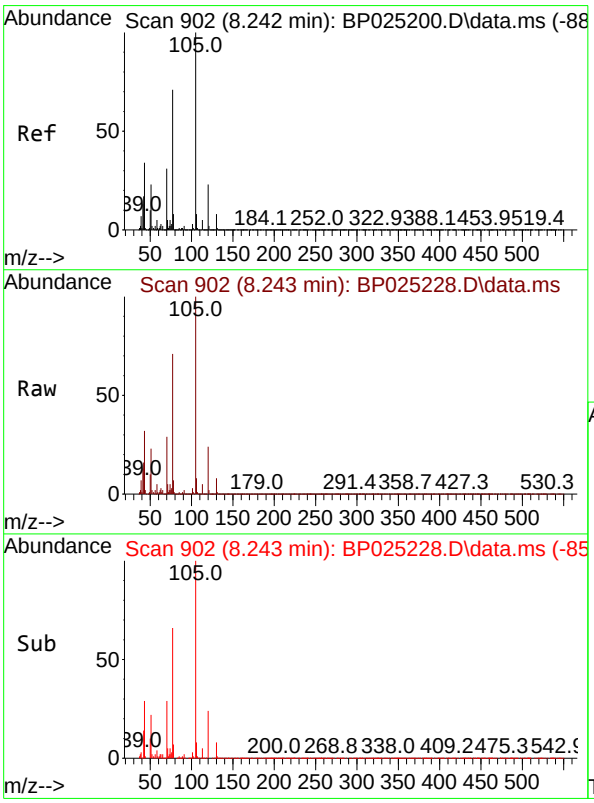

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 2010398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 6.3 | 5.1 | 7.7 |
| 68 | 5.2 | 4.2 | 6.4 |

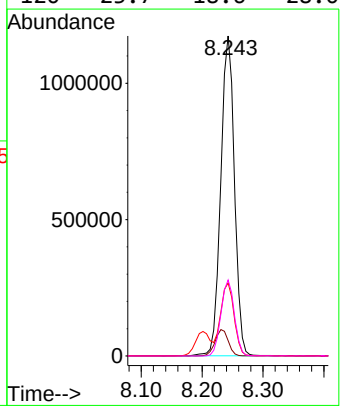


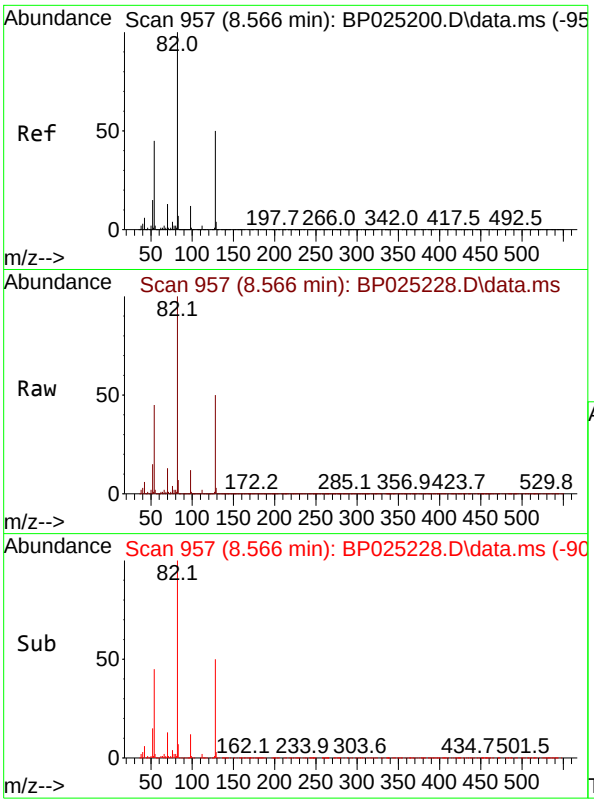




#22
Acetophenone
Concen: 39.161 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:105 Resp: 1831992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 4.1 | 6.1 |
| 51 | 22.8 | 18.5 | 27.7 |
| 120 | 23.7 | 18.6 | 28.0 |



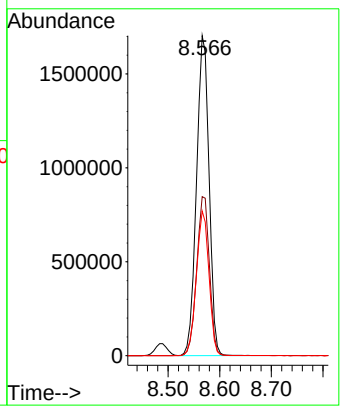


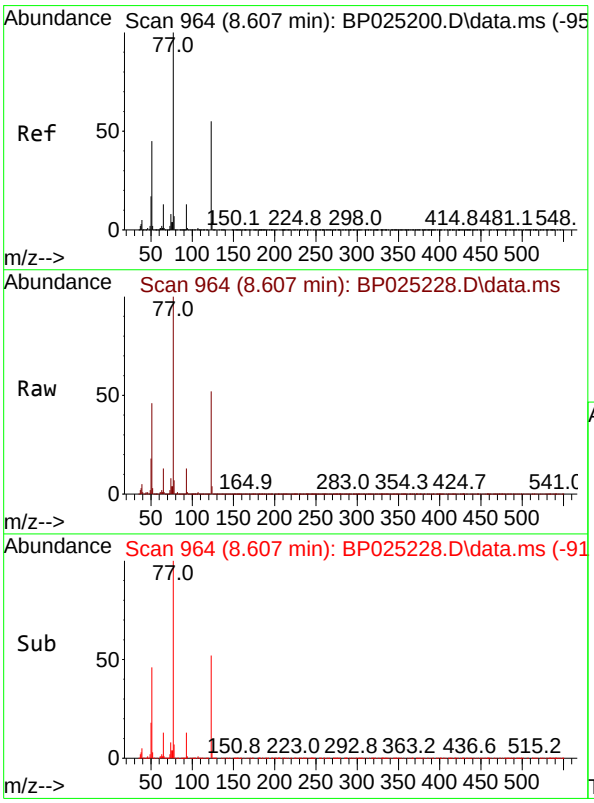

#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 2873708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.7 | 40.2 | 60.4 |
| 54 | 45.2 | 36.3 | 54.5 |

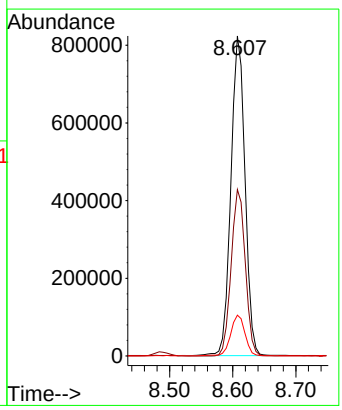


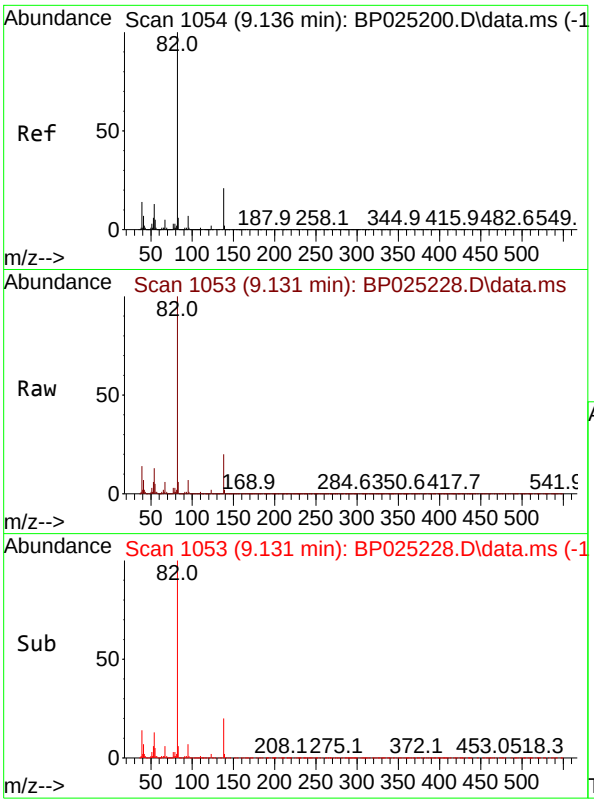




#24
Nitrobenzene
Concen: 39.614 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 1277454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.0 | 43.6 | 65.4 |
| 65 | 12.7 | 10.2 | 15.2 |



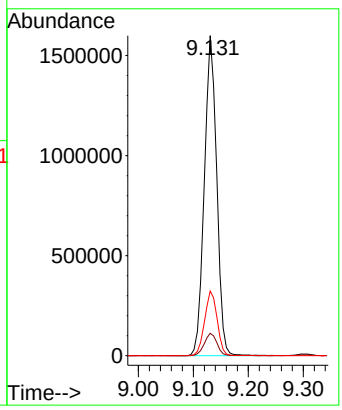


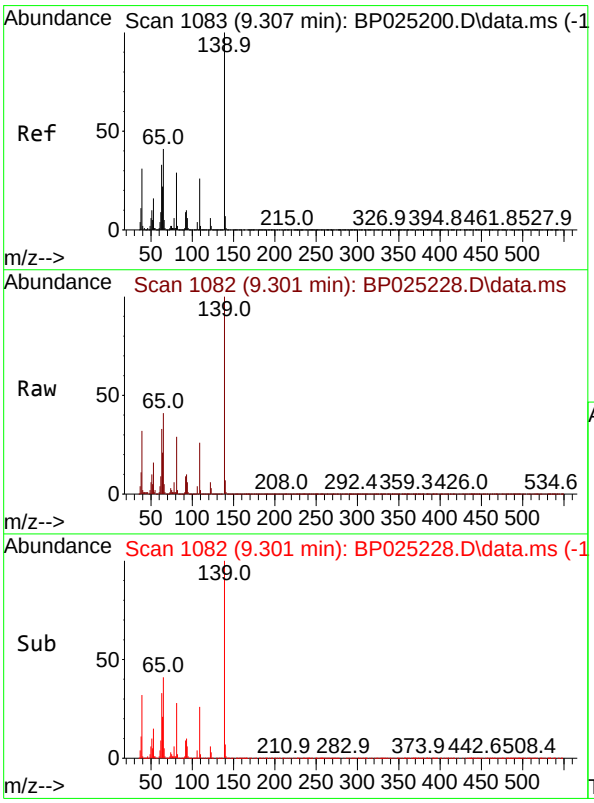

#25
Isophorone
Concen: 39.287 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 2499307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 20.2 | 16.6 | 25.0 |

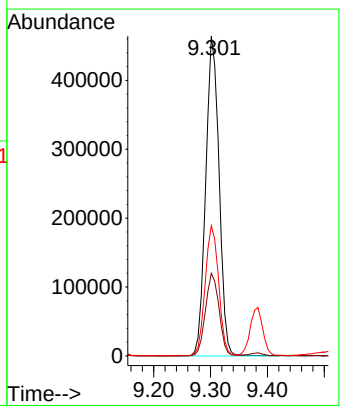


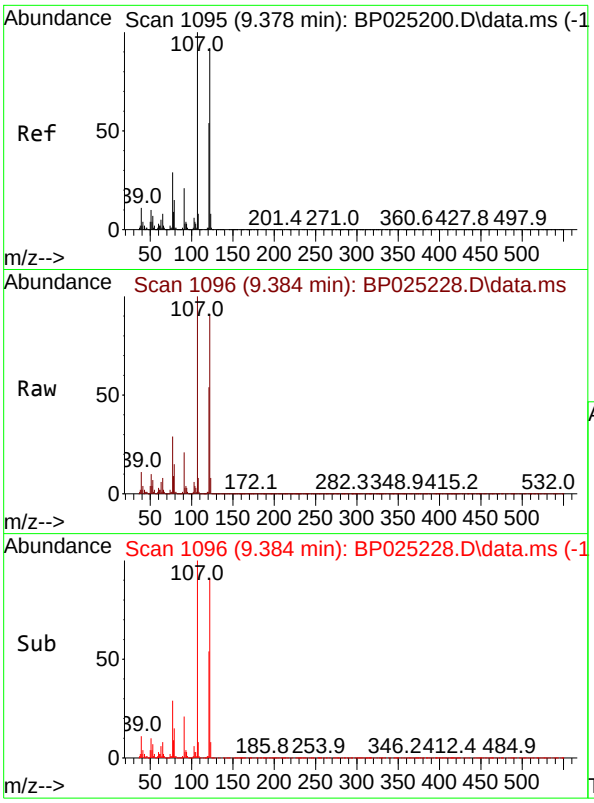




#26
2-Nitrophenol
Concen: 40.747 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 754572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 21.0 | 31.6 |
| 65 | 40.7 | 32.7 | 49.1 |



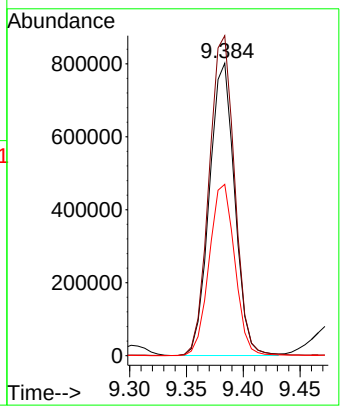


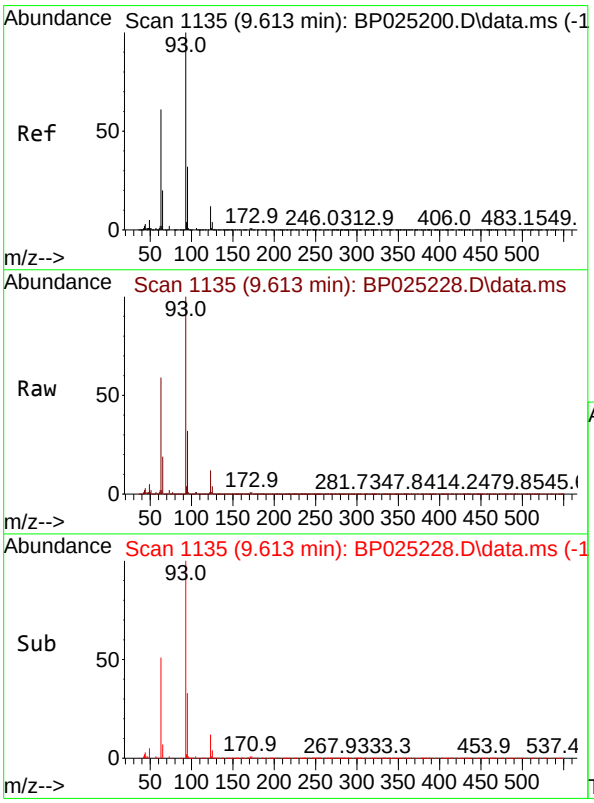

#27
2,4-Dimethylphenol
Concen: 40.112 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 1242956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.4 | 87.0 | 130.4 |
| 121 | 58.6 | 46.7 | 70.1 |

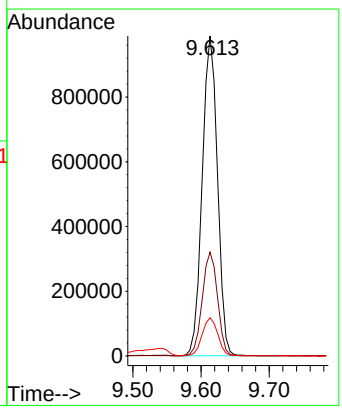


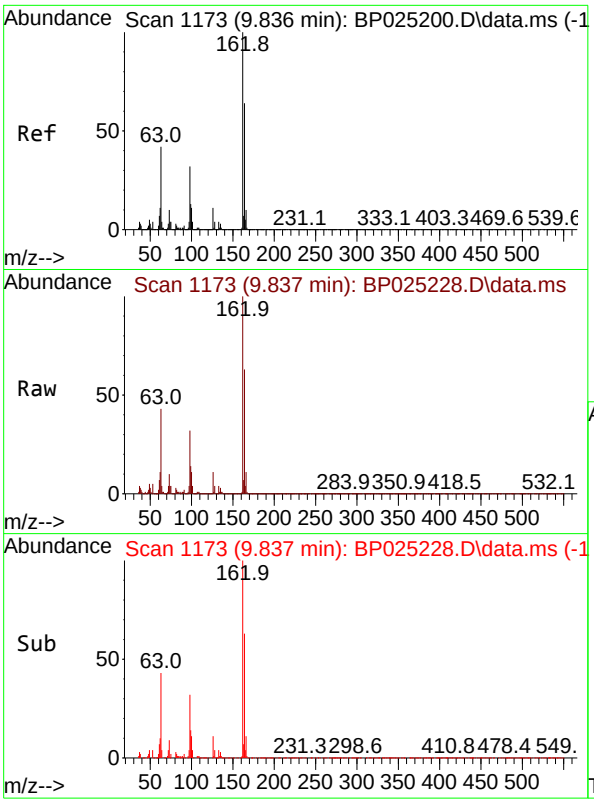




#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1537420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.0 | 39.0 |
| 123 | 12.0 | 9.8 | 14.6 |



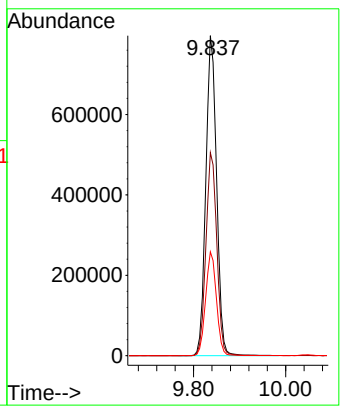


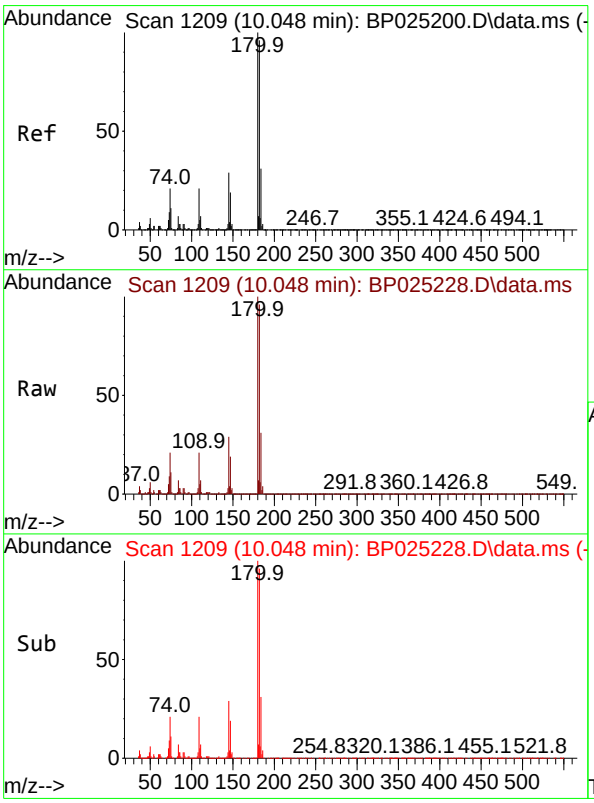

#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 1301415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 44.2 | 84.2 |
| 98 | 32.5 | 11.7 | 51.7 |

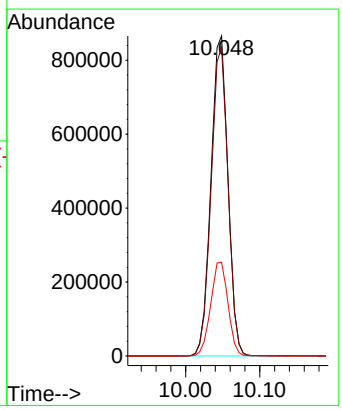


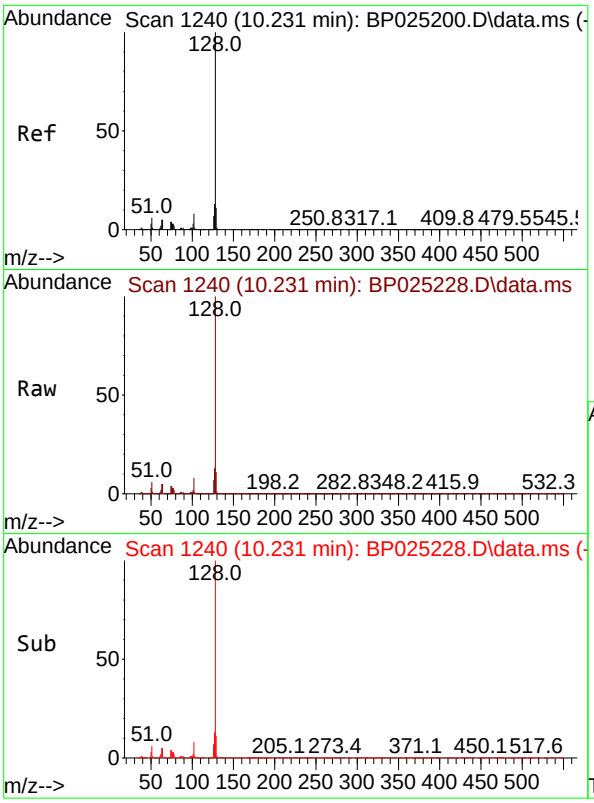




#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:180 Resp: 1377874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 76.7 | 115.1 |
| 145 | 29.3 | 23.5 | 35.3 |



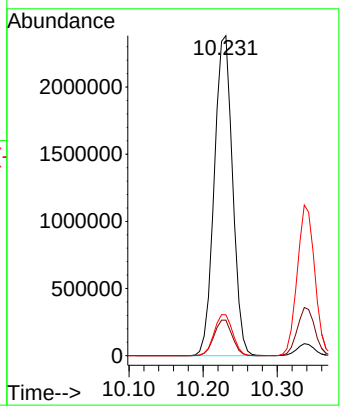


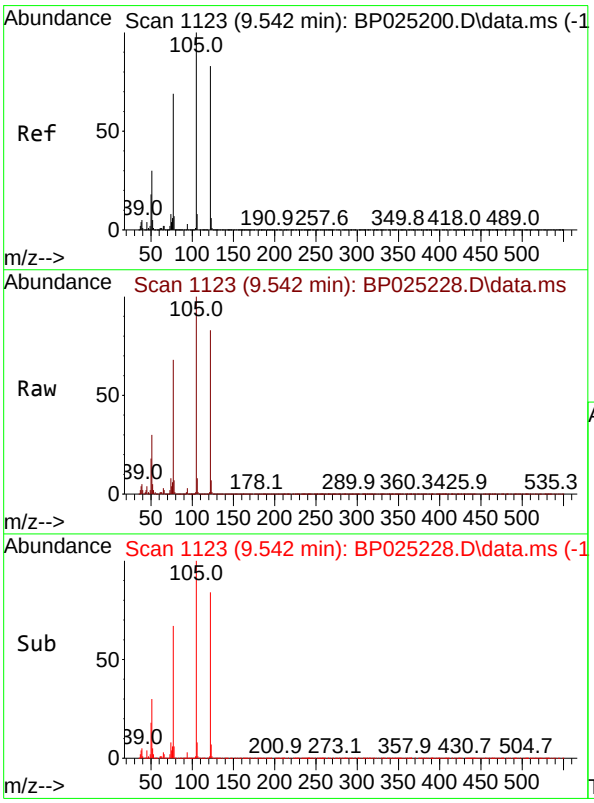

#31
Naphthalene
Concen: 39.644 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 4078359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 12.8 | 10.4 | 15.6 |

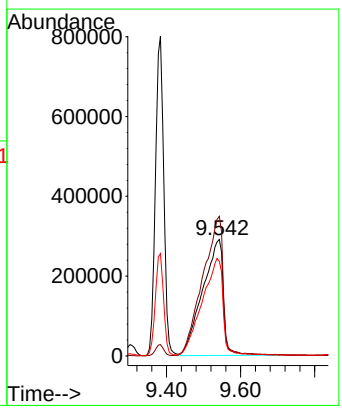


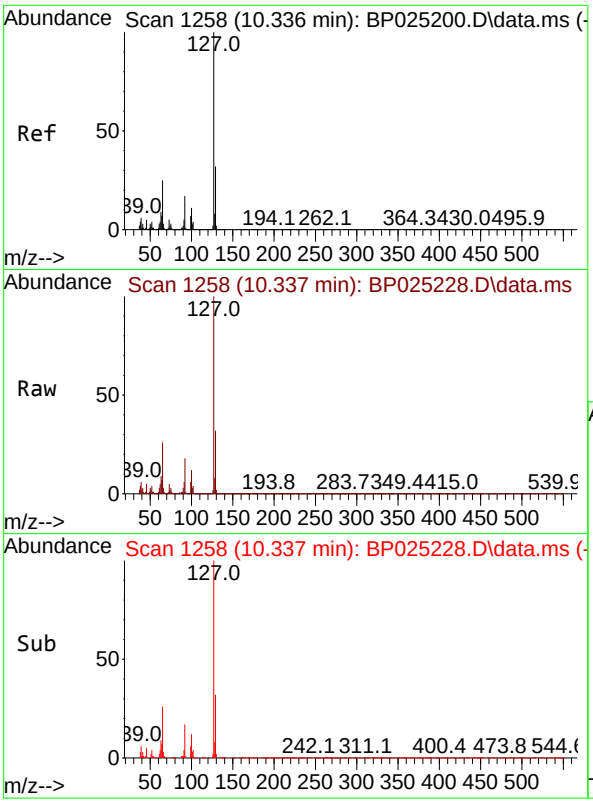




#32
Benzoic acid
Concen: 47.799 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 1130735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.9 | 98.1 | 138.1 |
| 77 | 81.1 | 62.7 | 102.7 |



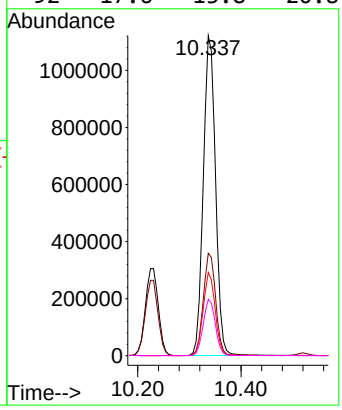


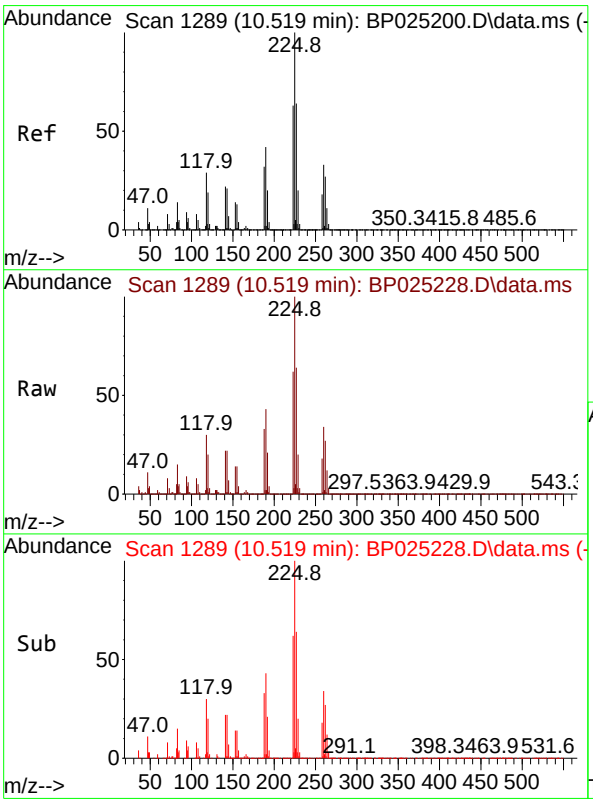

#33
4-Chloroaniline
Concen: 40.762 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 1843296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 26.0 | 20.2 | 30.4 |
| 92 | 17.6 | 13.8 | 20.8 |

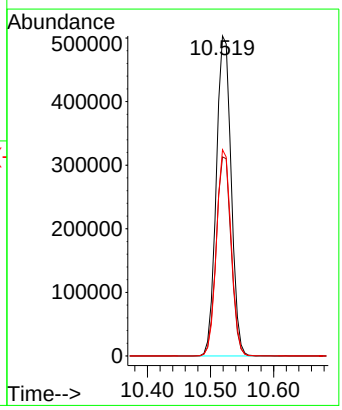


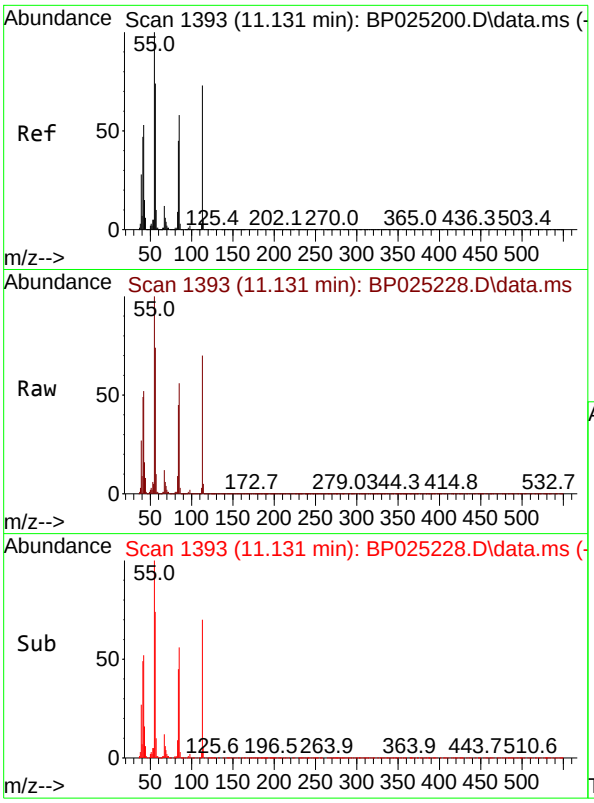




#34
Hexachlorobutadiene
Concen: 39.183 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:225 Resp: 820021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 50.1 | 75.1 |
| 227 | 64.4 | 51.4 | 77.0 |



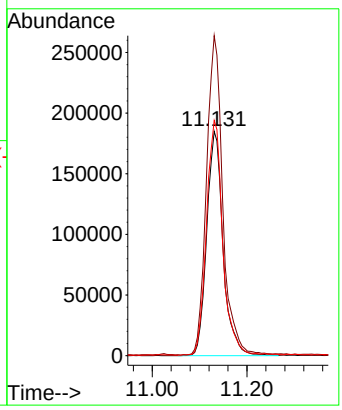


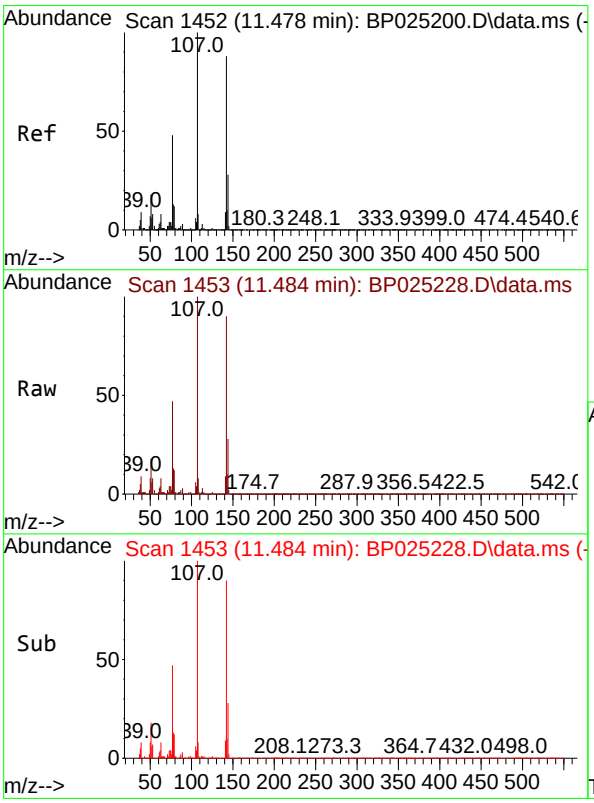

#35
Caprolactam
Concen: 41.859 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 442265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 142.6 | 117.6 | 157.6 |
| 56 | 104.8 | 82.4 | 122.4 |

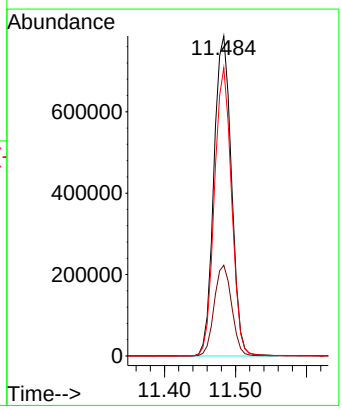


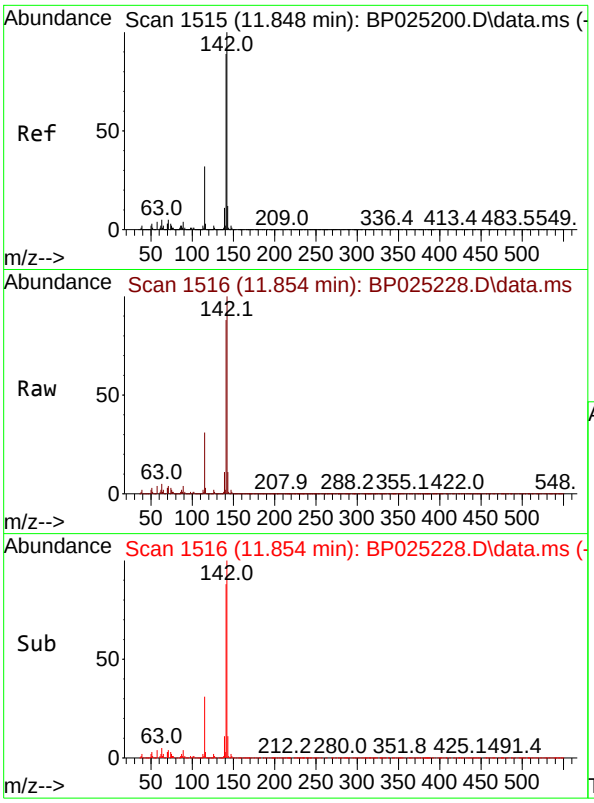




#36
4-Chloro-3-methylphenol
Concen: 42.212 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1343300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.4 | 22.5 | 33.7 |
| 142 | 90.0 | 70.6 | 105.8 |



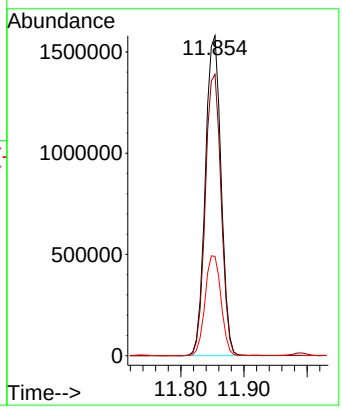


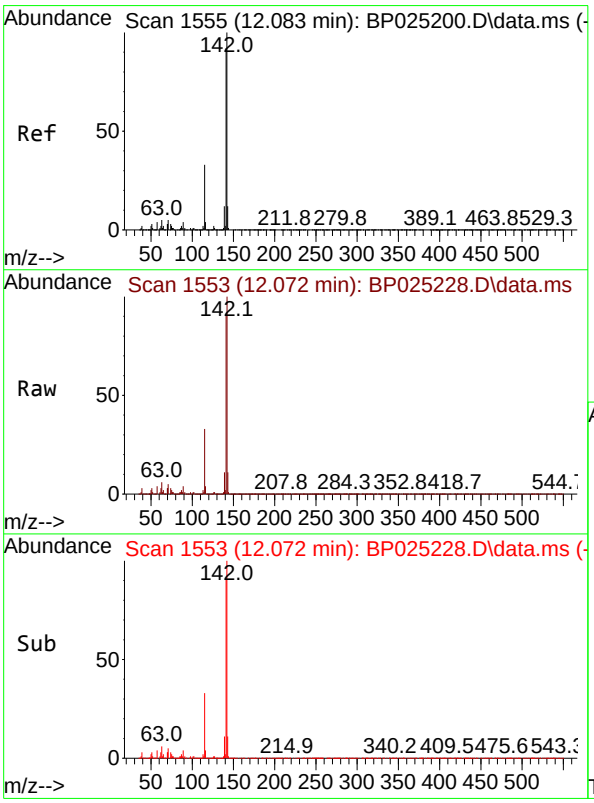

#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 2729444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 71.2 | 106.8 |
| 115 | 31.0 | 25.3 | 37.9 |

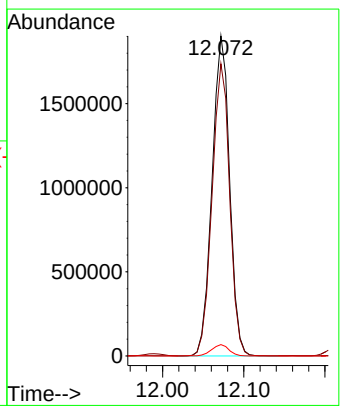


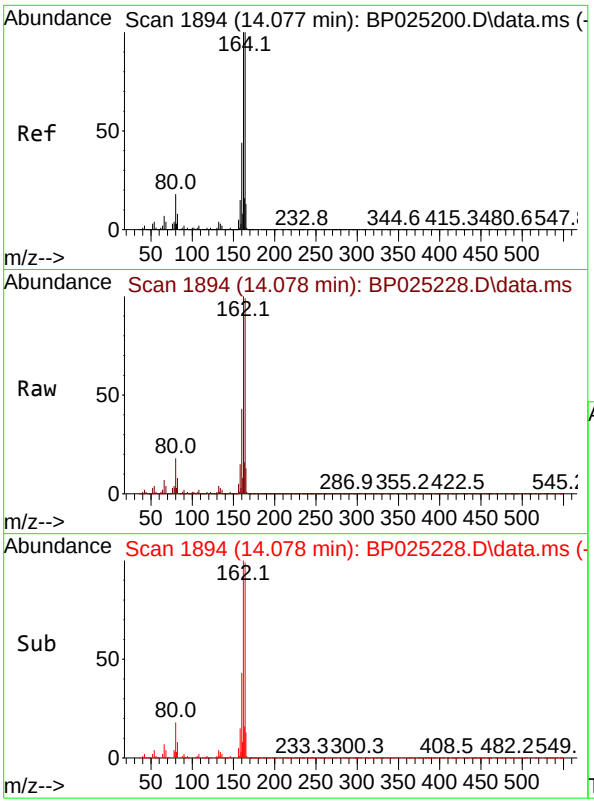




#38
1-Methylnaphthalene
Concen: 40.612 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 2849738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.8 | 110.8 |
| 116 | 3.5 | 2.8 | 4.2 |



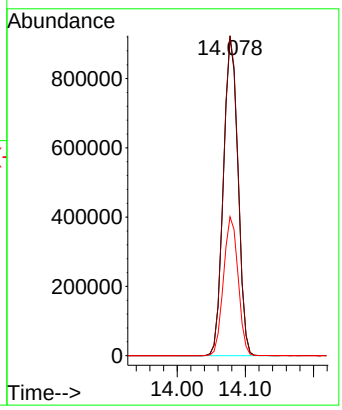


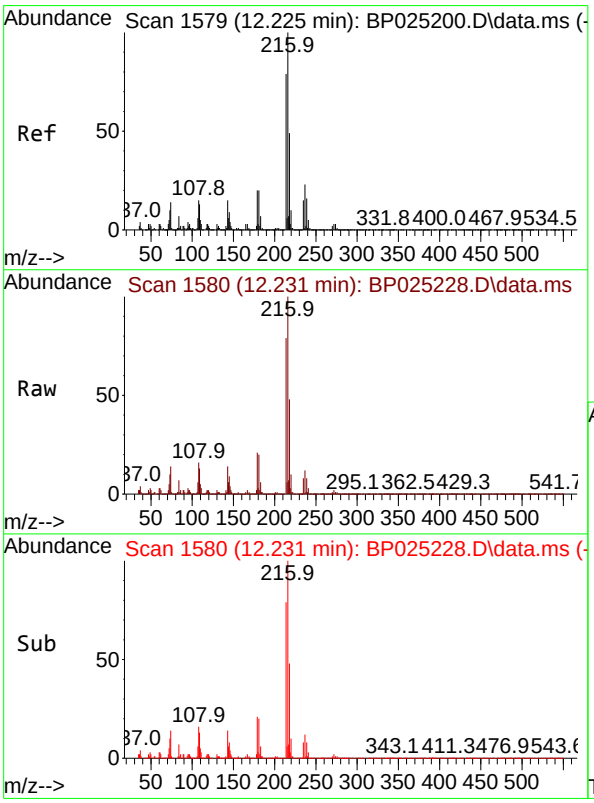

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 1363058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.3 | 120.5 |
| 160 | 43.7 | 35.7 | 53.5 |

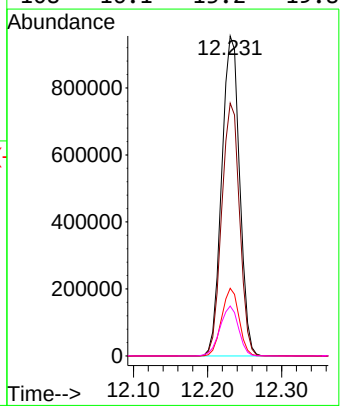


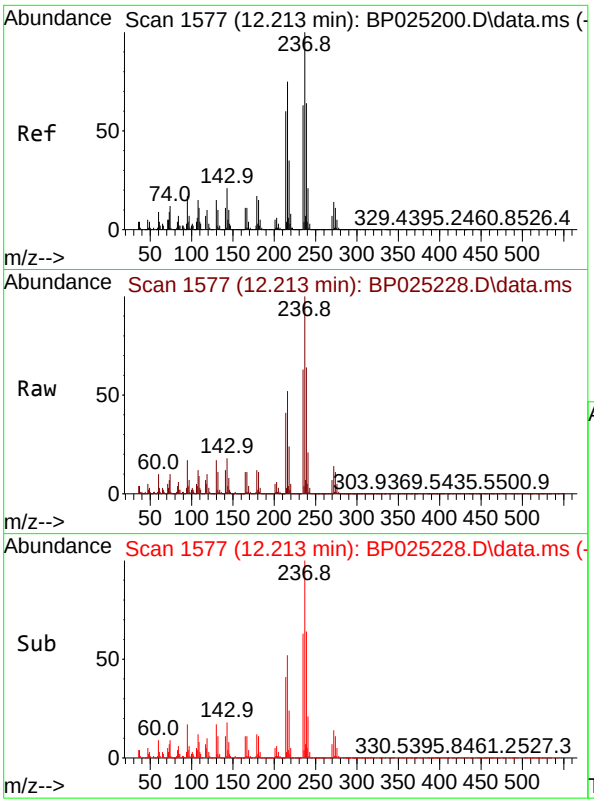




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:216 Resp: 1603484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 62.7 | 94.1 |
| 179 | 20.5 | 16.2 | 24.4 |
| 108 | 16.1 | 13.2 | 19.8 |



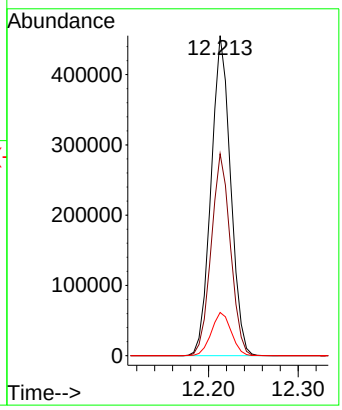


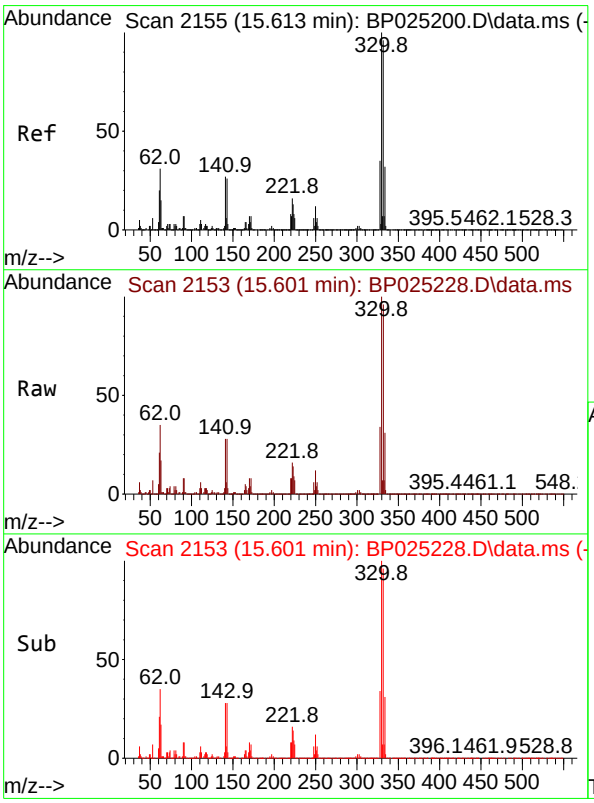

#41
Hexachlorocyclopentadiene
Concen: 28.144 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 686433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 42.7 | 82.7 |
| 272 | 13.5 | 0.0 | 33.6 |

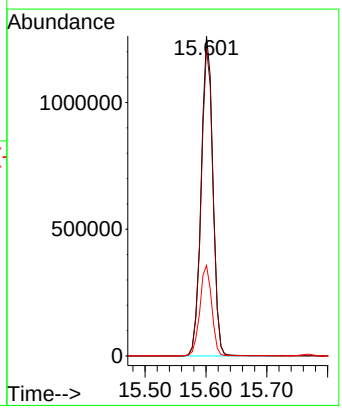


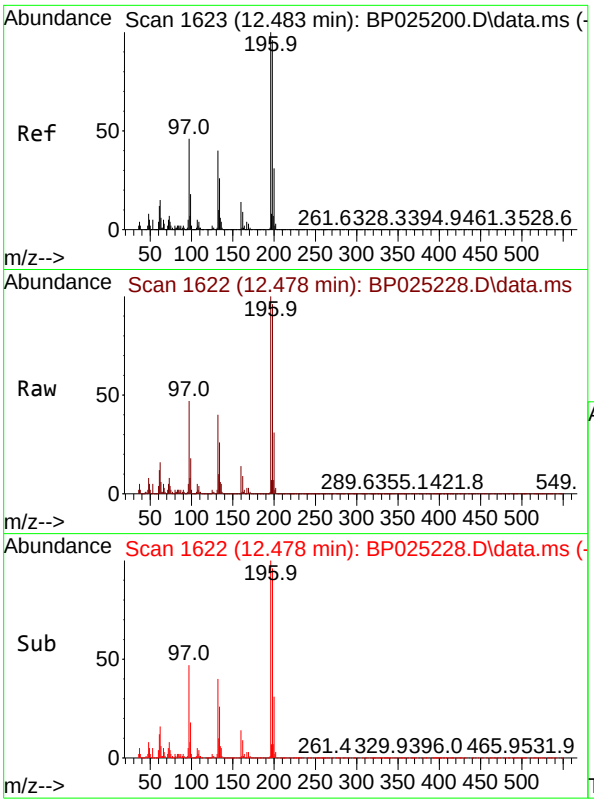




#42
2,4,6-Tribromophenol
Concen: 84.128 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:330 Resp: 1690516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.1 | 115.7 |
| 141 | 28.4 | 22.4 | 33.6 |



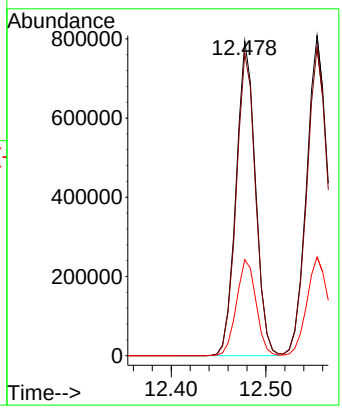


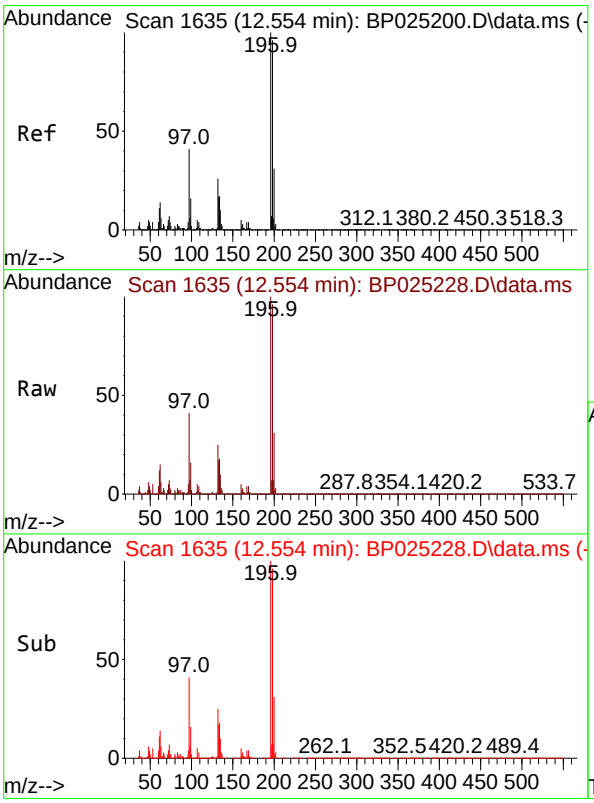

#43
2,4,6-Trichlorophenol
Concen: 40.313 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 1125399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.6 | 114.8 |
| 200 | 30.5 | 24.7 | 37.1 |

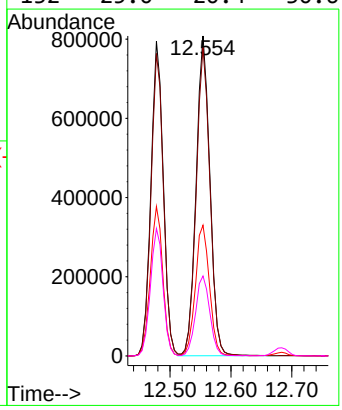


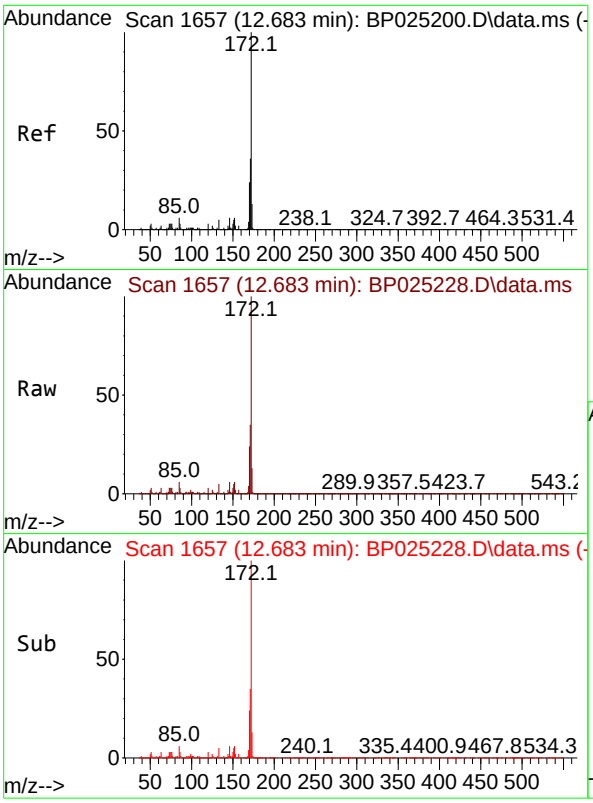




#44
2,4,5-Trichlorophenol
Concen: 41.280 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 1268169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.4 | 76.7 | 115.1 |
| 97 | 40.8 | 33.0 | 49.4 |
| 132 | 25.0 | 20.4 | 30.6 |



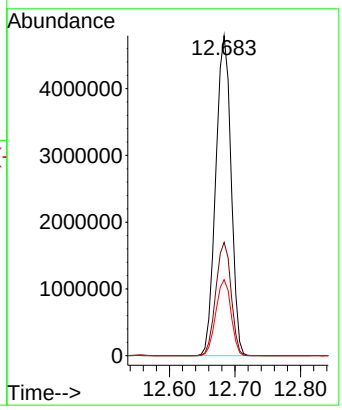


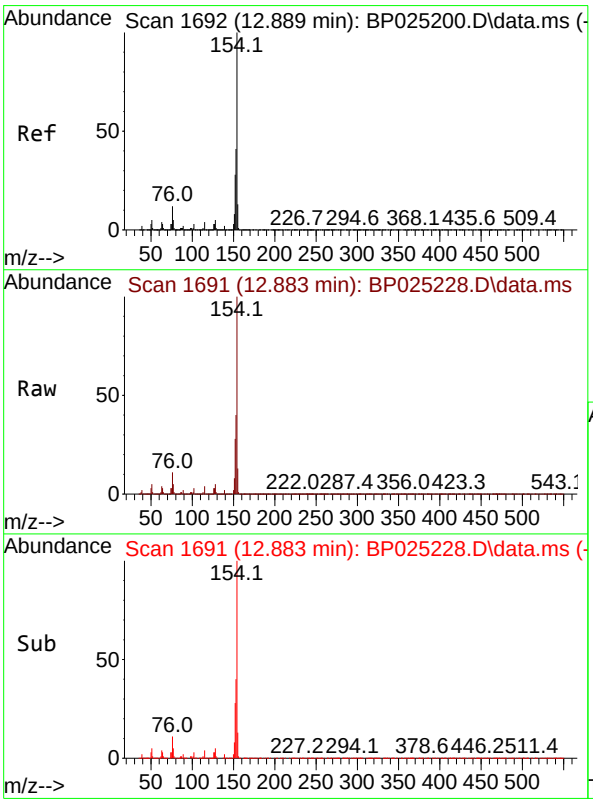

#45
2-Fluorobiphenyl
Concen: 80.047 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 7739219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.8 | 43.2 |
| 170 | 23.8 | 19.2 | 28.8 |

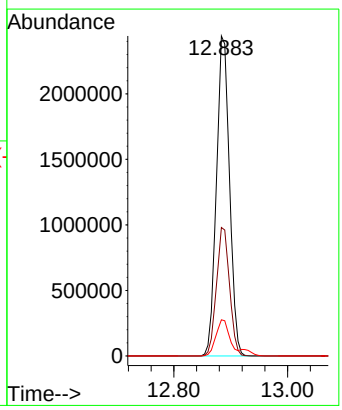


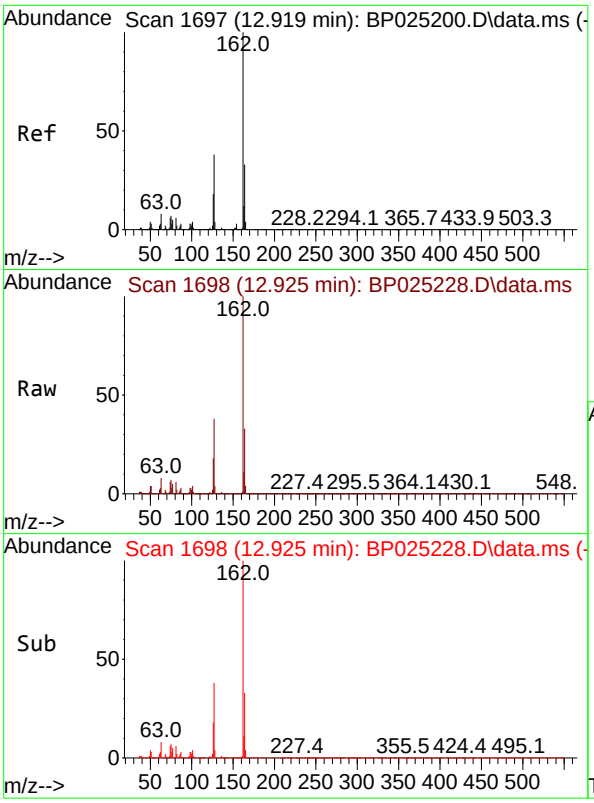




#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 3899850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.8 | 60.8 |
| 76 | 11.3 | 0.0 | 31.6 |



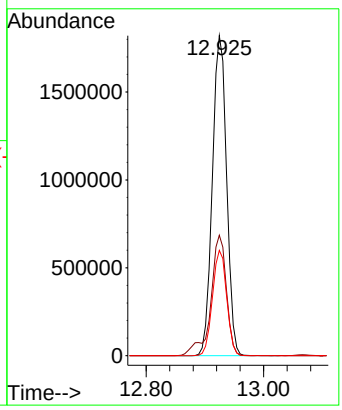


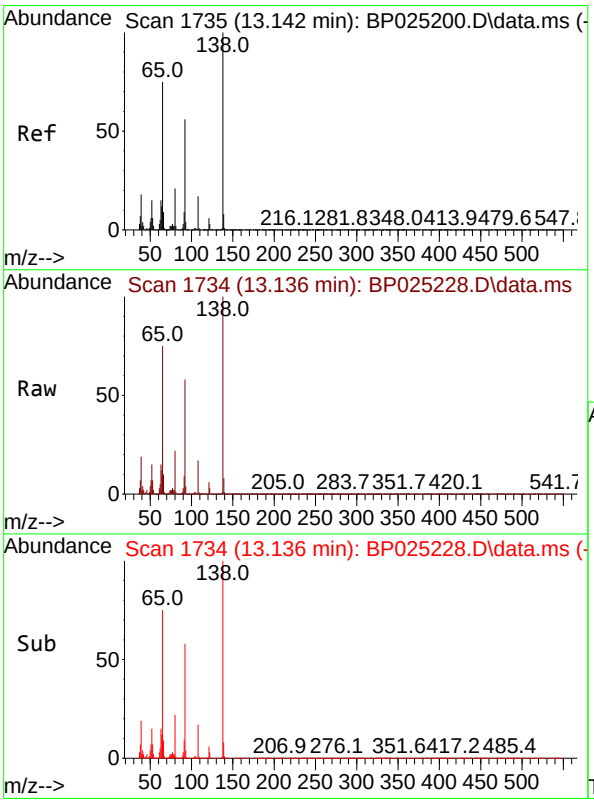

#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 3060262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 30.1 | 45.1 |
| 164 | 32.9 | 26.5 | 39.7 |

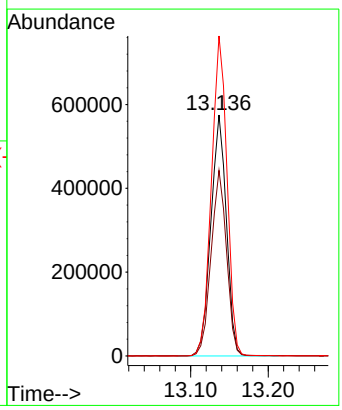


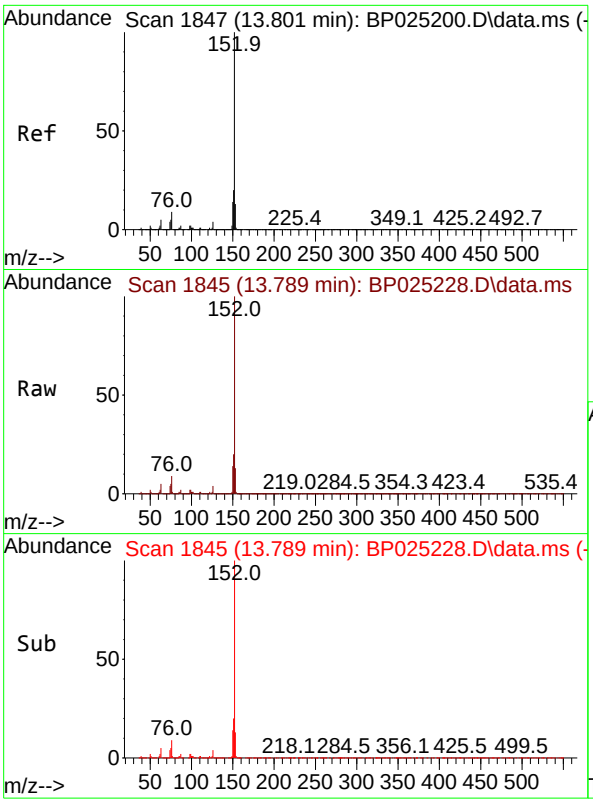




#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 65 Resp: 801067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.0 | 59.9 | 89.9 |
| 138 | 132.8 | 107.1 | 160.7 |



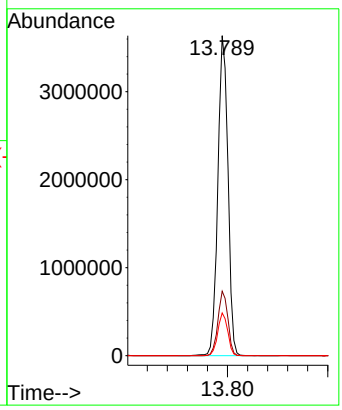


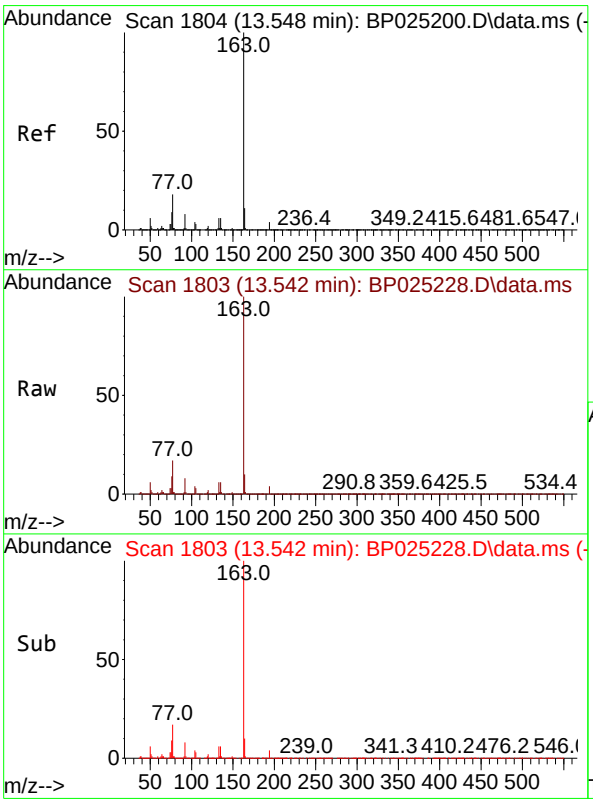

#49
Acenaphthylene
Concen: 40.627 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 5069233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |
| 153 | 13.4 | 10.6 | 15.8 |

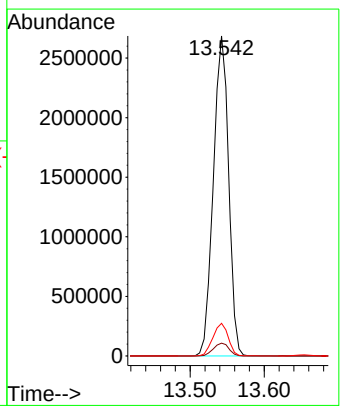


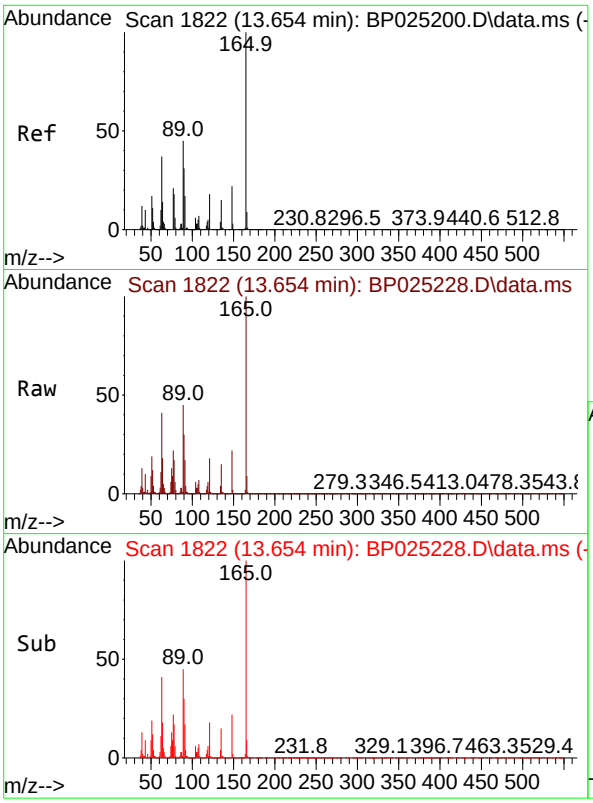




#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:163 Resp: 3841185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.5 | 12.7 |



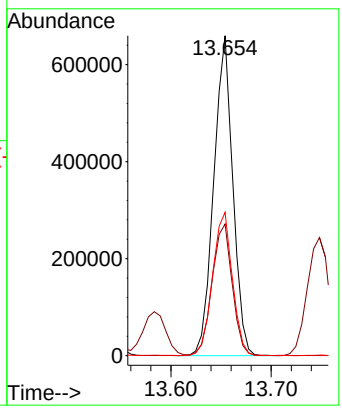


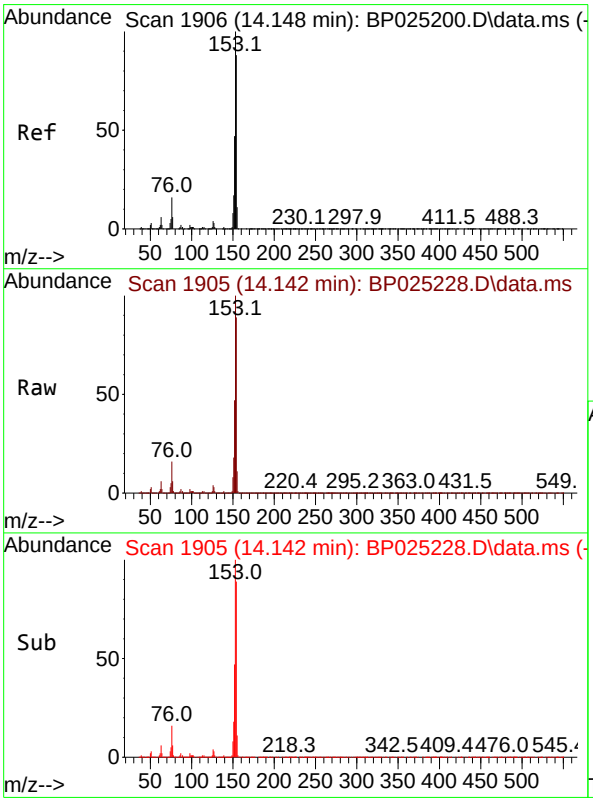

#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 869516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.1 | 33.4 | 50.2 |
| 89 | 44.8 | 36.3 | 54.5 |

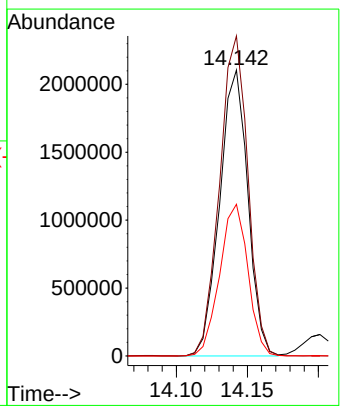


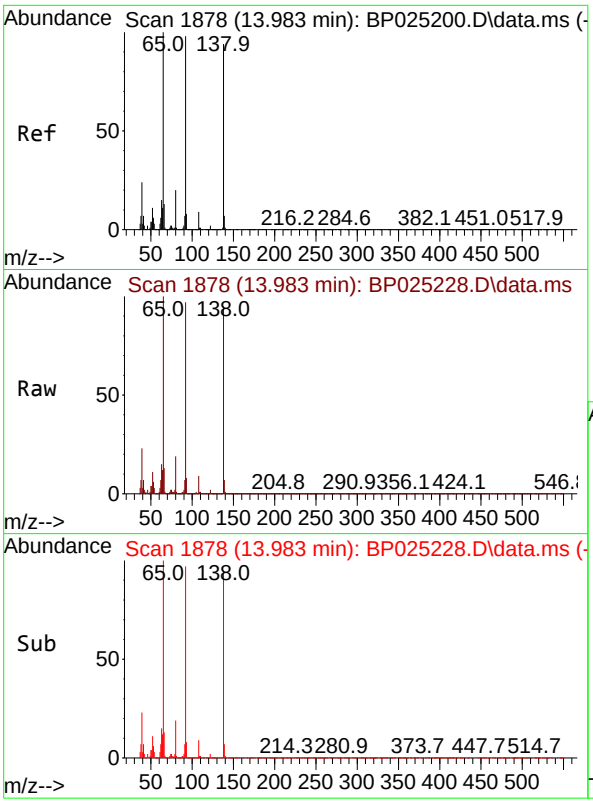




#52
Acenaphthene
Concen: 40.271 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 2905616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 90.7 | 136.1 |
| 152 | 53.0 | 42.9 | 64.3 |



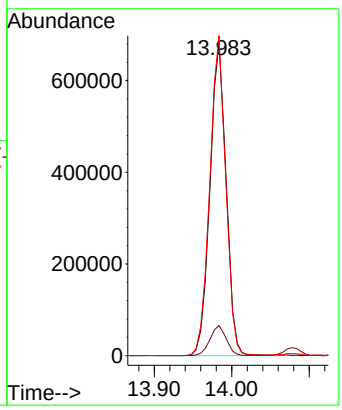


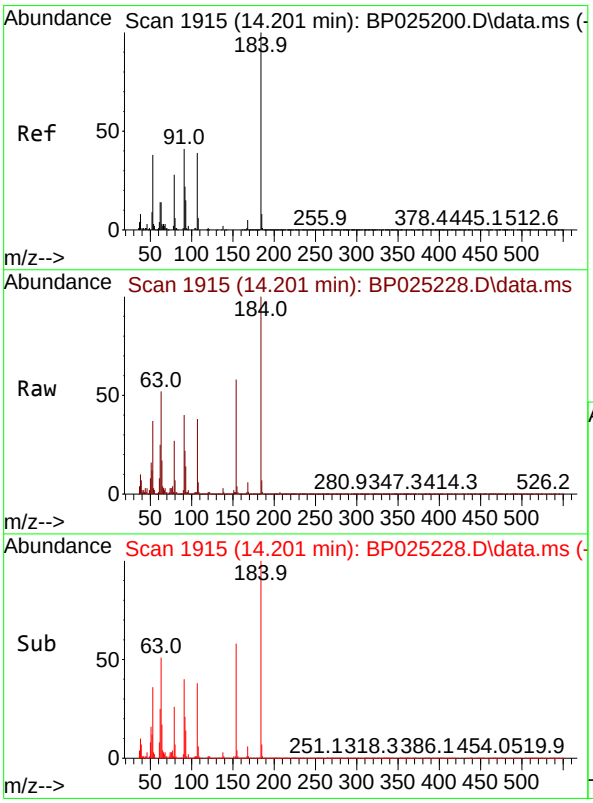

#53
3-Nitroaniline
Concen: 41.445 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 989939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 7.5 | 11.3 |
| 92 | 102.3 | 83.2 | 124.8 |

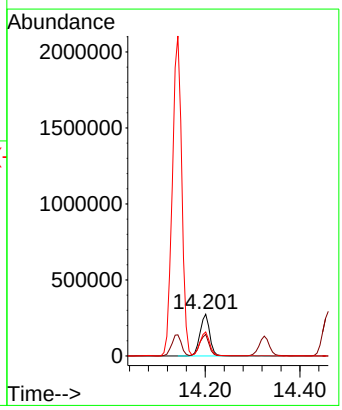


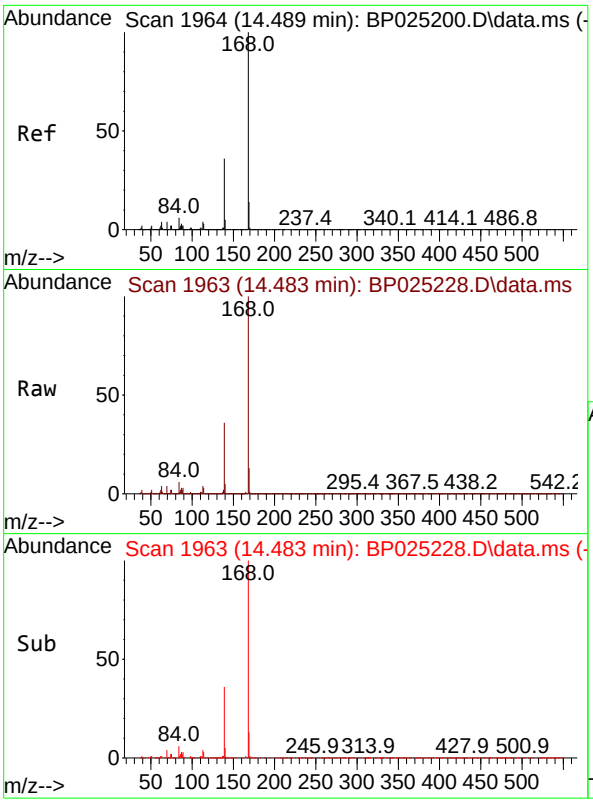




#54
2,4-Dinitrophenol
Concen: 30.972 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 388691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.5 | 41.8 | 62.8 |
| 154 | 57.6 | 45.7 | 68.5 |



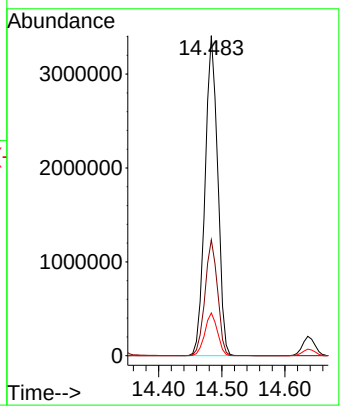


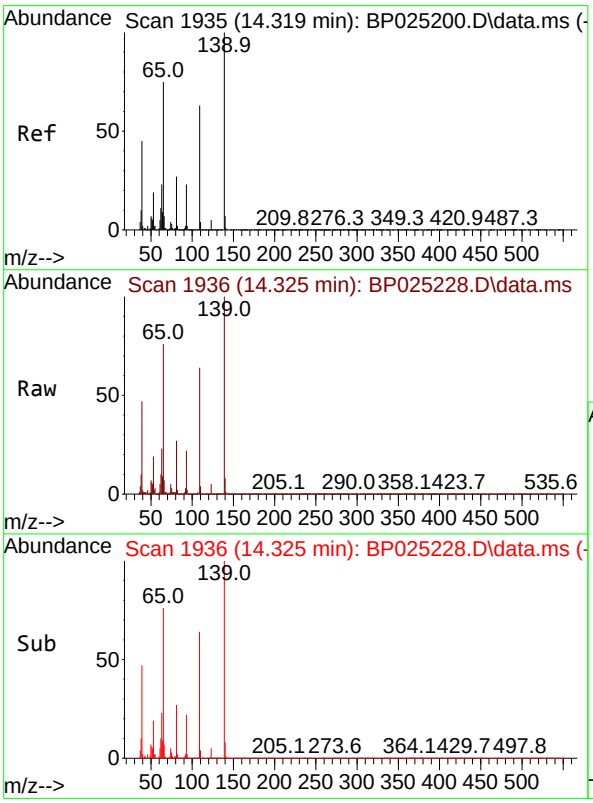

#55
Dibenzofuran
Concen: 40.773 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 4751994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.2 | 28.7 | 43.1 |
| 169 | 13.3 | 10.9 | 16.3 |

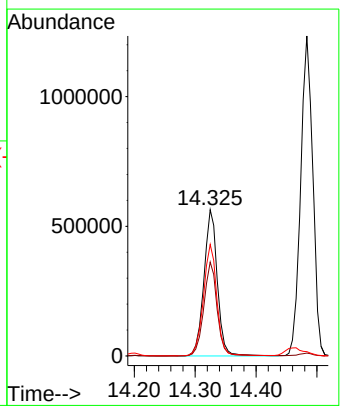


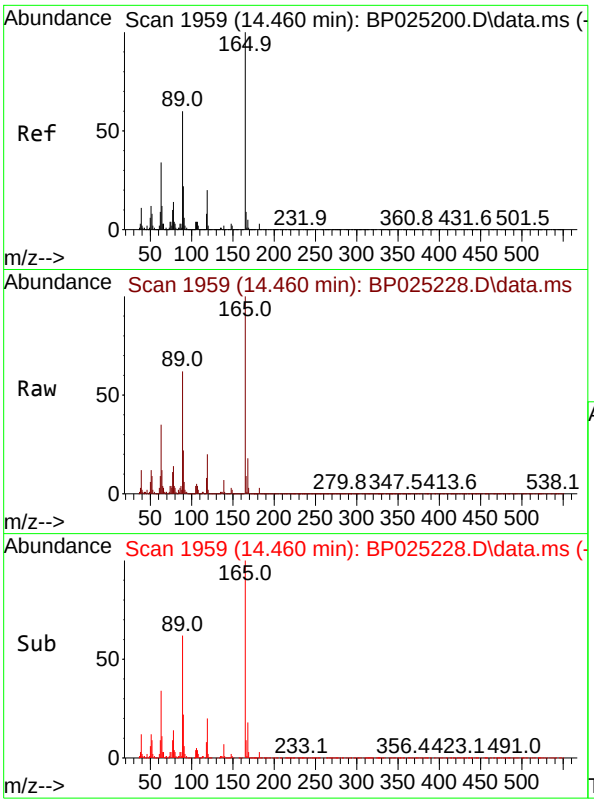




#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 863006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.2 | 42.6 | 82.6 |
| 65 | 76.2 | 55.4 | 95.4 |



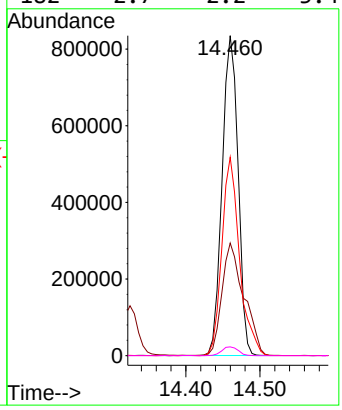


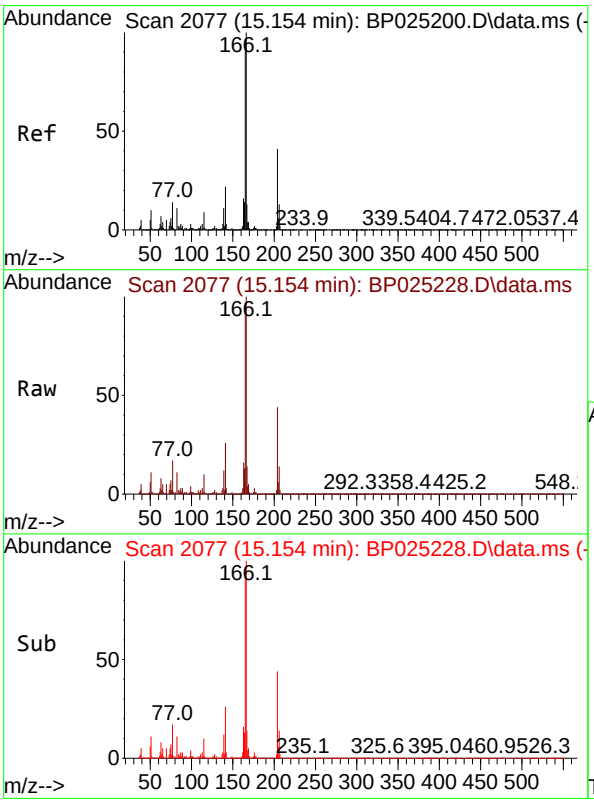

#57
2,4-Dinitrotoluene
Concen: 42.047 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 1246666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.2 | 27.0 | 40.4 |
| 89 | 62.0 | 47.8 | 71.6 |
| 182 | 2.7 | 2.2 | 3.4 |

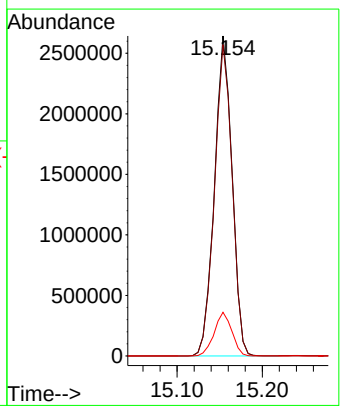


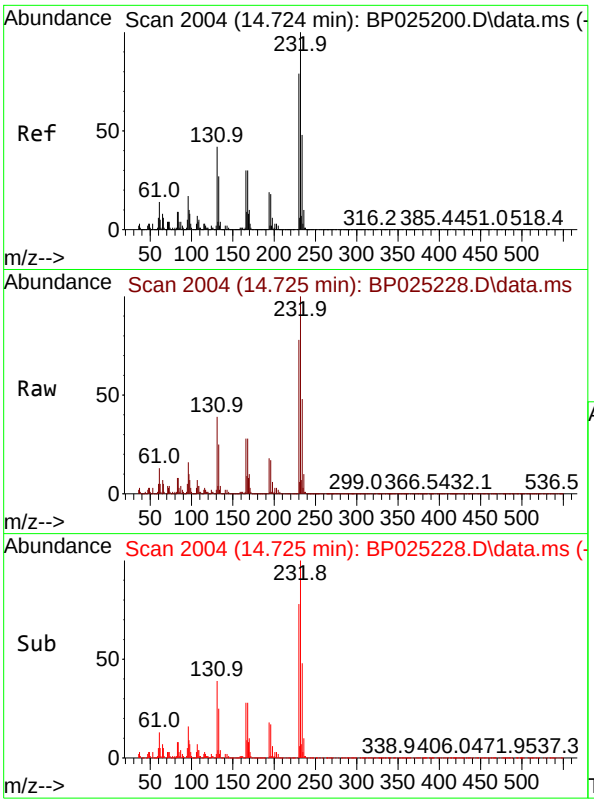




#58
Fluorene
Concen: 41.137 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:166 Resp: 3806233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 78.0 | 117.0 |
| 167 | 13.7 | 10.7 | 16.1 |



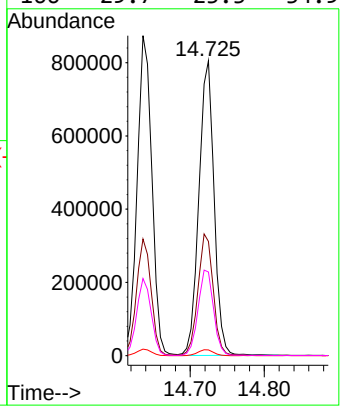


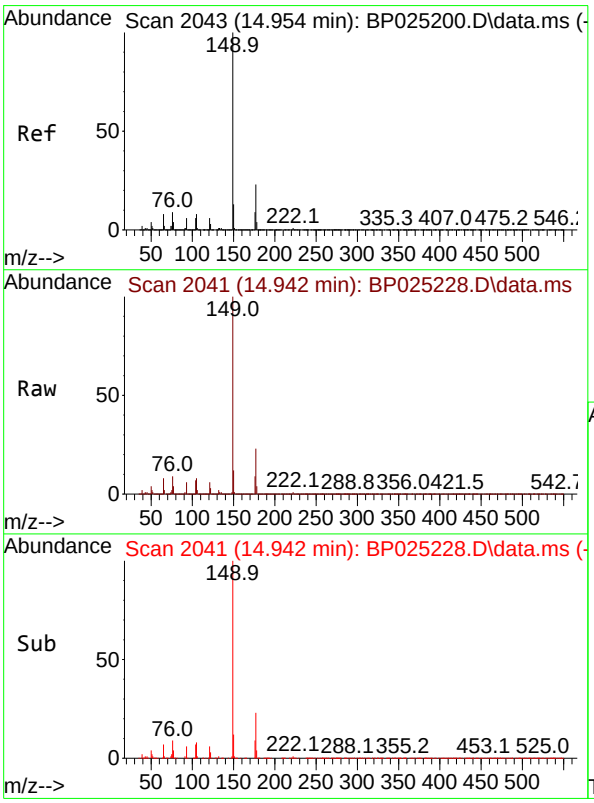

#59
2,3,4,6-Tetrachlorophenol
Concen: 42.296 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 1149936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.2 | 32.6 | 48.8 |
| 130 | 2.1 | 1.6 | 2.4 |
| 166 | 29.7 | 23.3 | 34.9 |

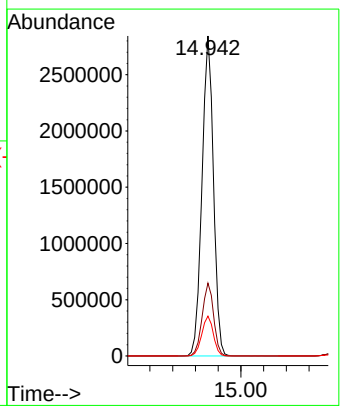


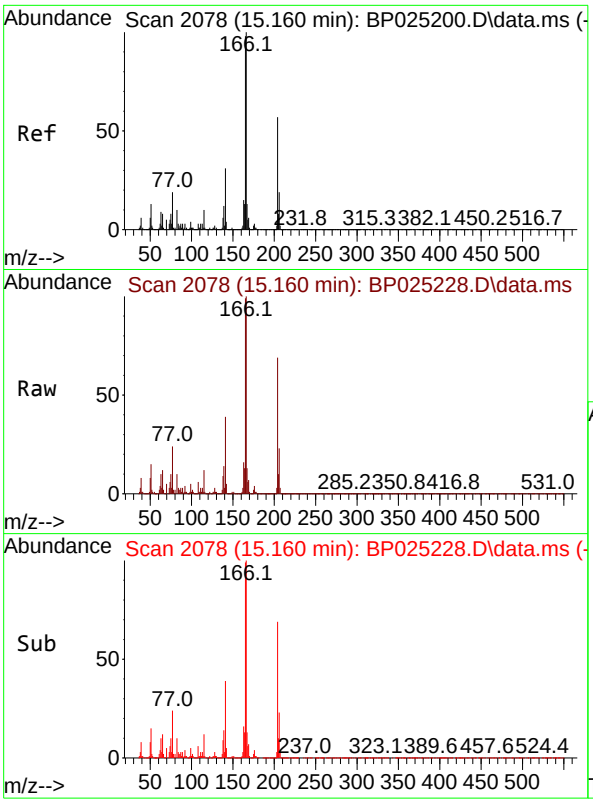




#60
Diethylphthalate
Concen: 41.387 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3976402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.5 | 10.0 | 15.0 |



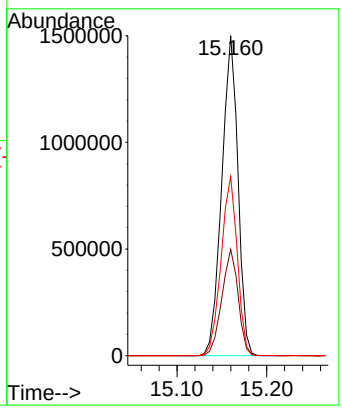


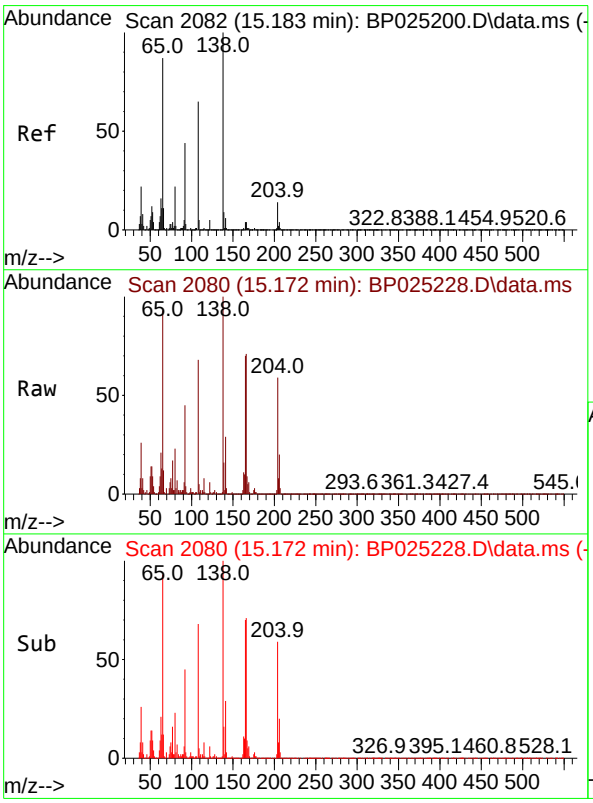

#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 1882300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.3 | 39.5 |
| 141 | 56.1 | 43.0 | 64.6 |

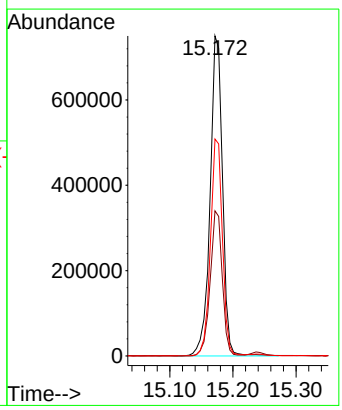


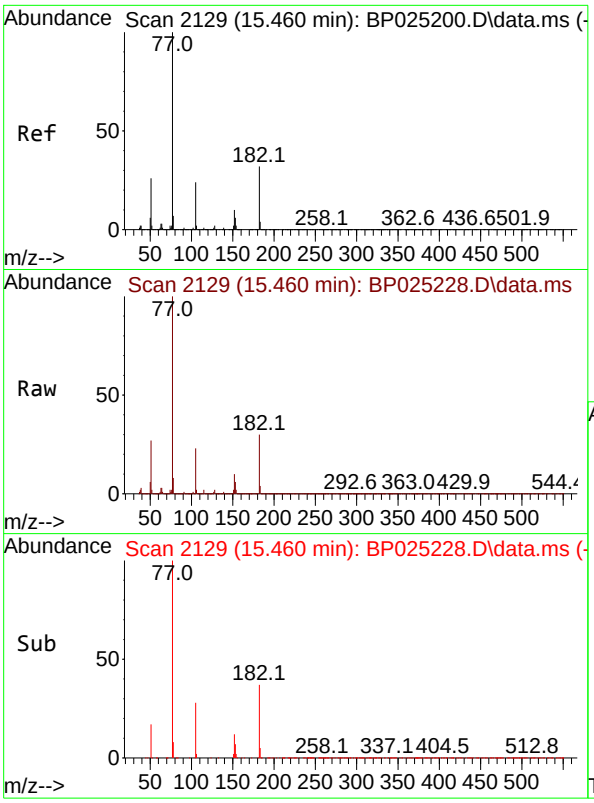




#62
4-Nitroaniline
Concen: 42.134 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 1023508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.3 | 24.0 | 64.0 |
| 108 | 67.8 | 44.9 | 84.9 |



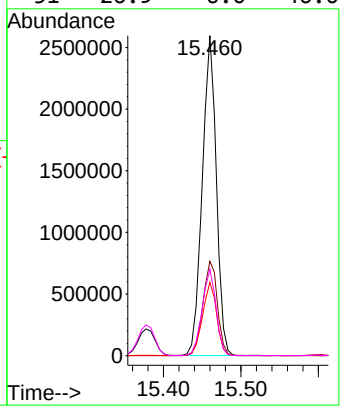


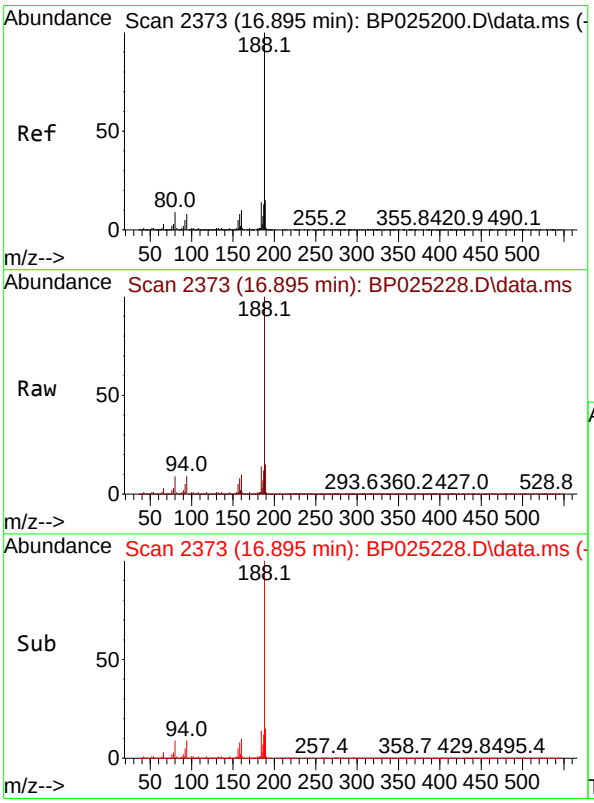

#63
Azobenzene
Concen: 41.714 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 3266015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 12.0 | 52.0 |
| 105 | 22.9 | 3.6 | 43.6 |
| 51 | 26.9 | 6.0 | 46.0 |

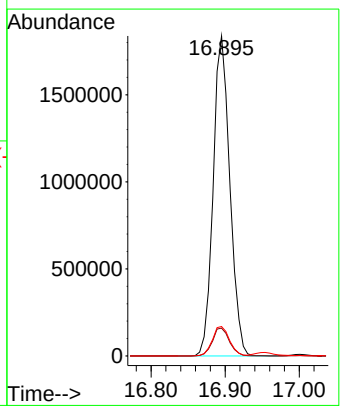


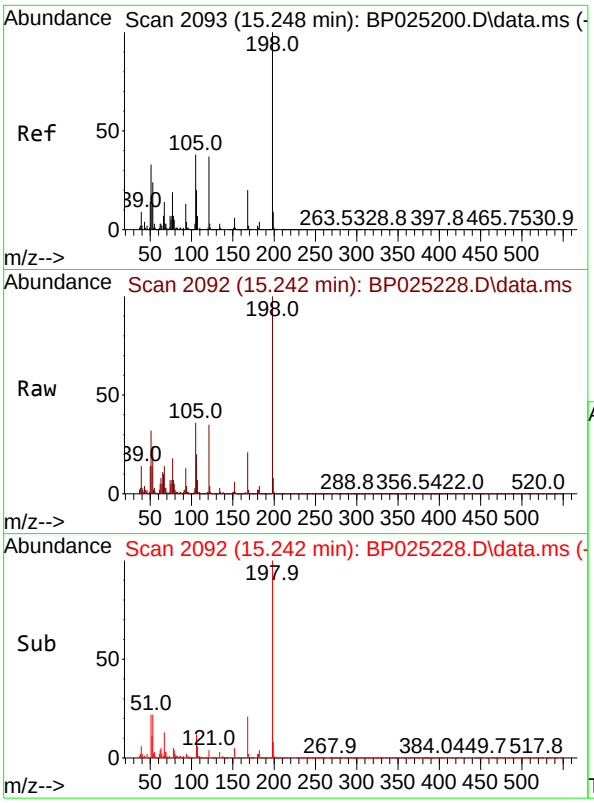




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:188 Resp: 2867783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.8 | 10.2 |
| 80 | 9.2 | 7.3 | 10.9 |



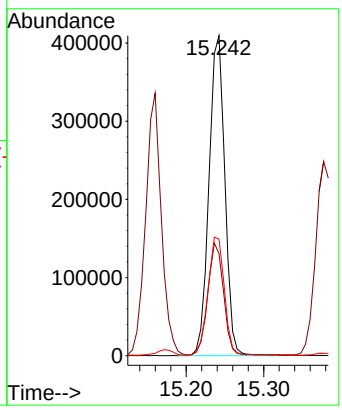


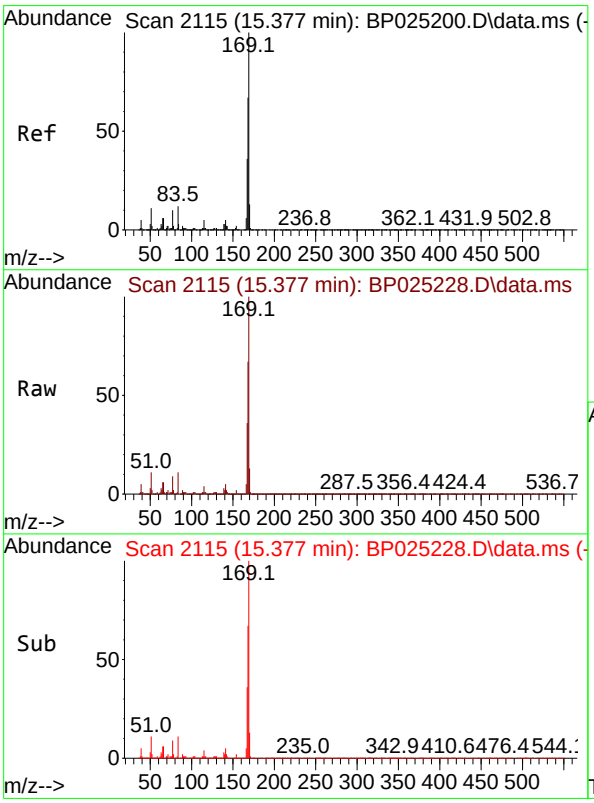

#65
4,6-Dinitro-2-methylphenol
Concen: 31.439 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 581859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 31.9 | 14.6 | 54.6 |
| 105 | 36.5 | 18.3 | 58.3 |

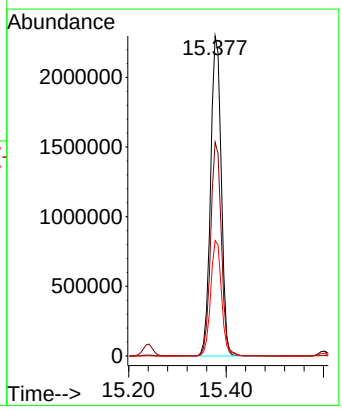


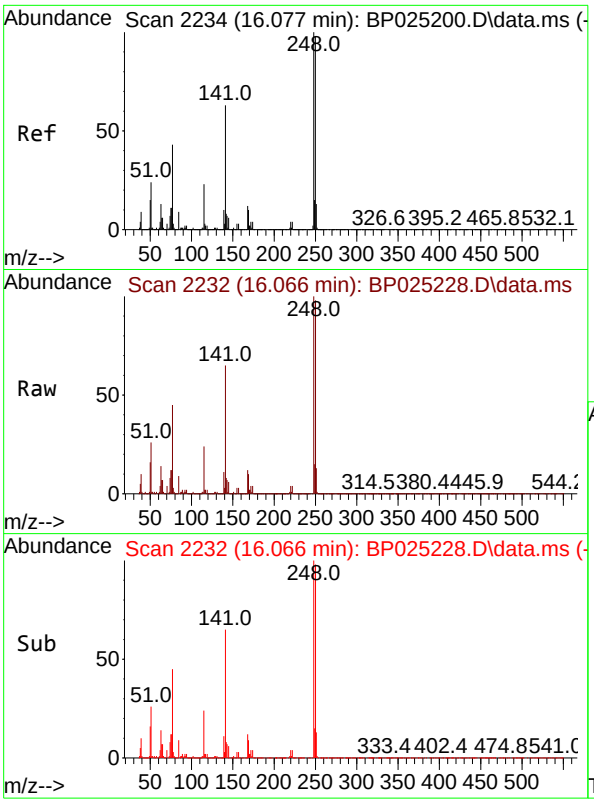




#66
n-Nitrosodiphenylamine
Concen: 39.689 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:169 Resp: 3454679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 53.7 | 80.5 |
| 167 | 36.1 | 29.0 | 43.6 |



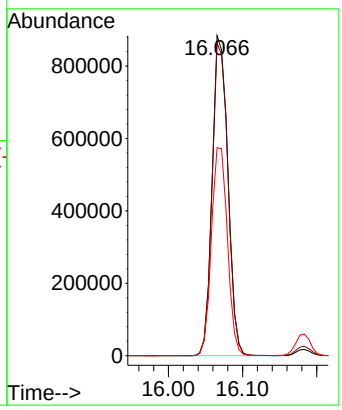


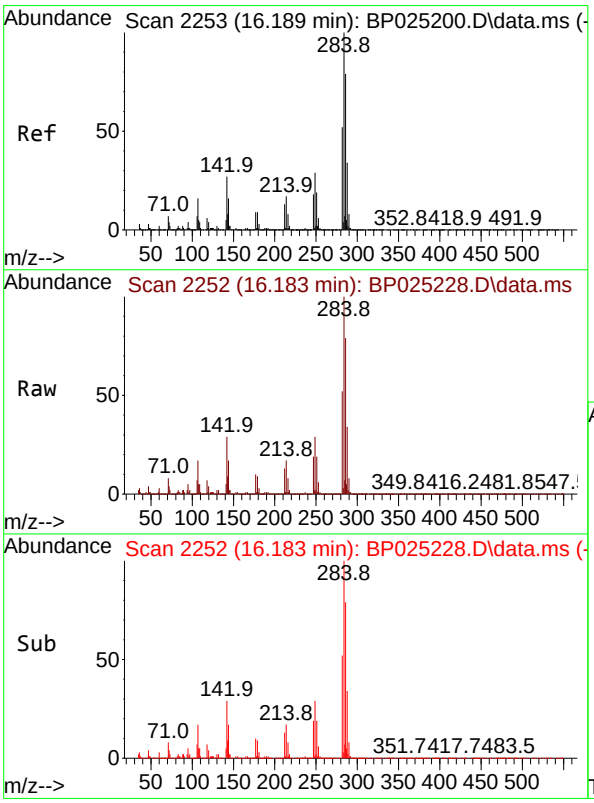

#67
4-Bromophenyl-phenylether
Concen: 38.788 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 1298184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.6 | 78.5 | 117.7 |
| 141 | 65.0 | 50.5 | 75.7 |

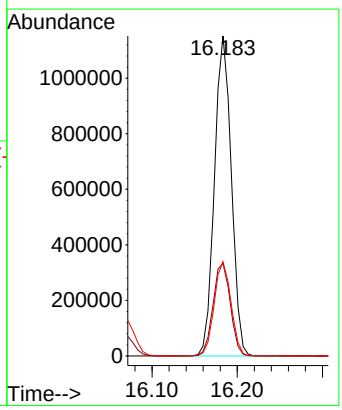


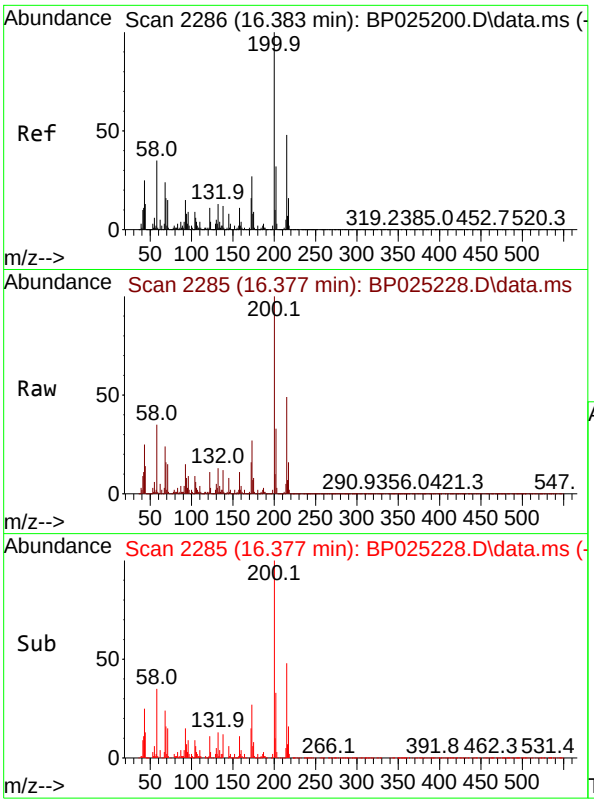




#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:284 Resp: 1585091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.0 | 21.5 | 32.3 |
| 249 | 29.4 | 23.4 | 35.0 |



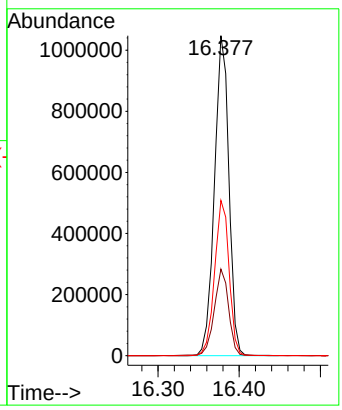


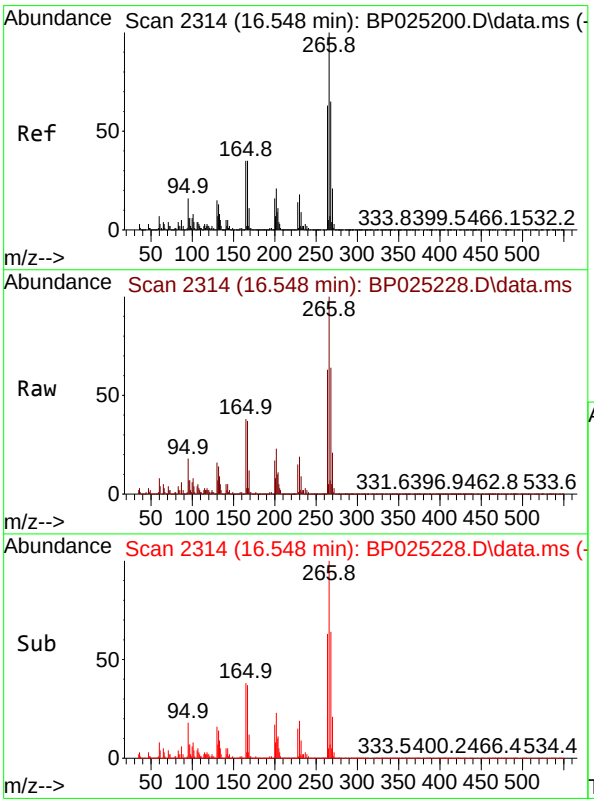

#69
Atrazine
Concen: 40.212 ng
RT: 16.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 1295226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.0 | 7.4 | 47.4 |
| 215 | 48.5 | 28.5 | 68.5 |

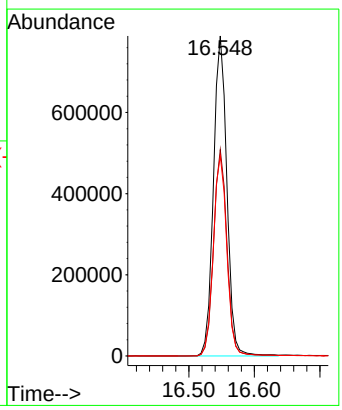


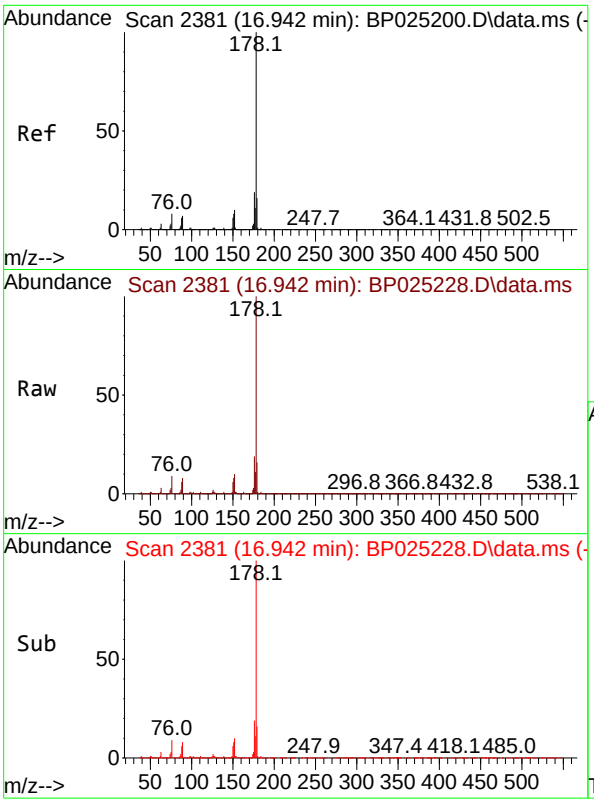




#70
Pentachlorophenol
Concen: 41.397 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:266 Resp: 1118886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.5 | 51.8 | 77.6 |
| 264 | 62.5 | 50.3 | 75.5 |



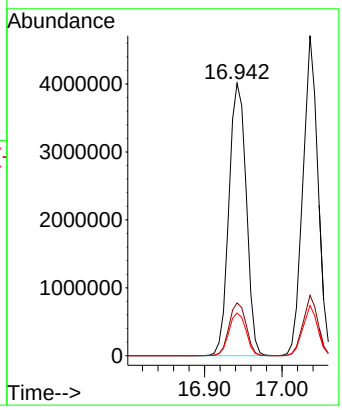


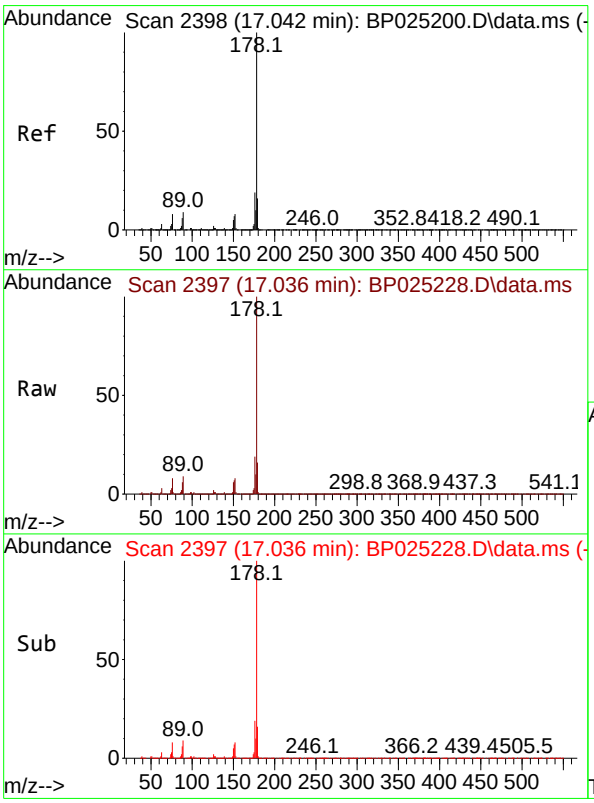

#71
Phenanthrene
Concen: 40.193 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 6216763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 15.7 | 12.5 | 18.7 |

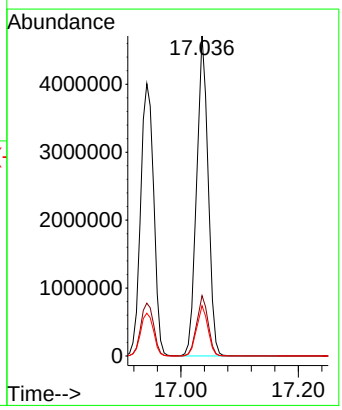


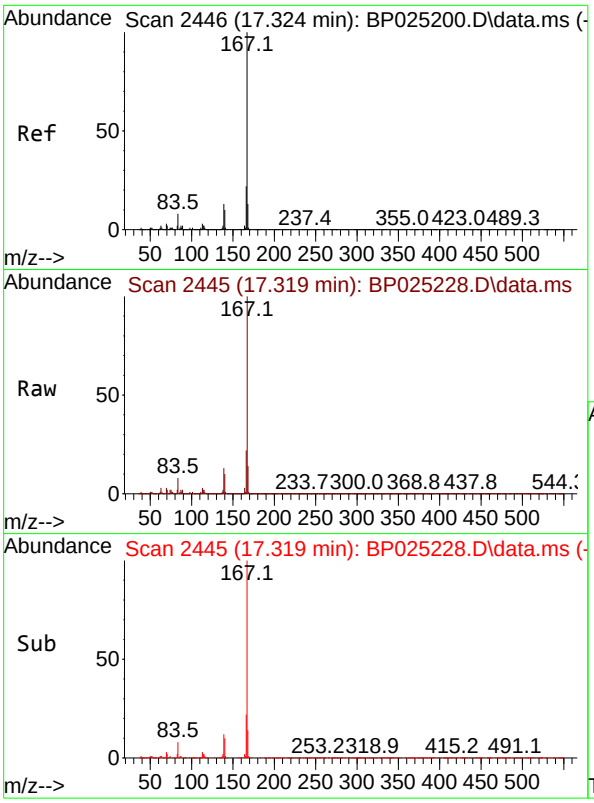




#72
Anthracene
Concen: 41.055 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 6397046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |



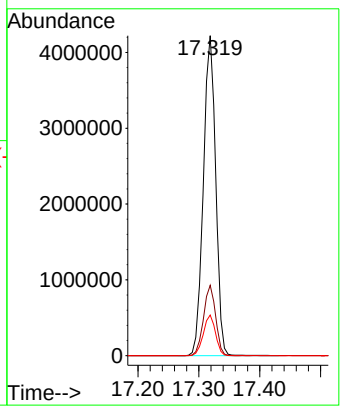


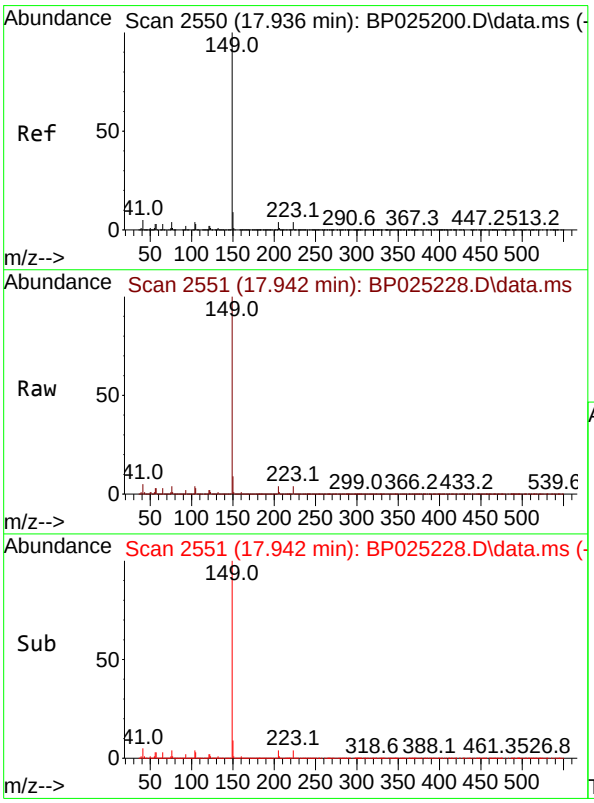

#73
Carbazole
Concen: 39.986 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 5947679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.3 | 25.9 |
| 139 | 12.7 | 10.1 | 15.1 |

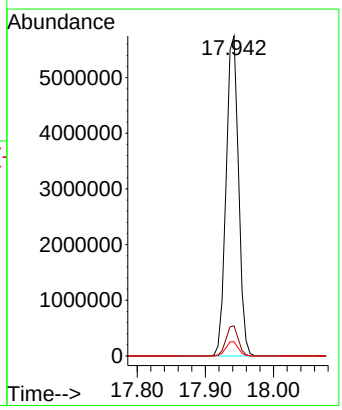


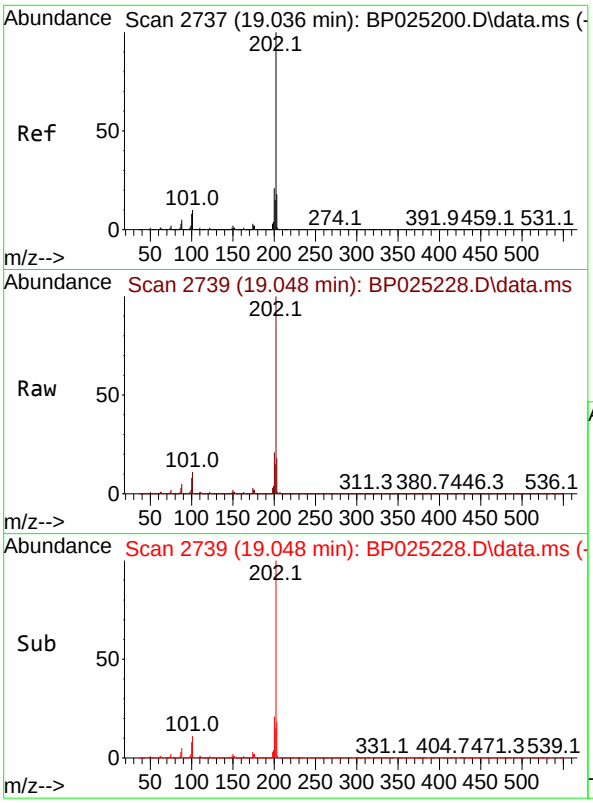




#74
Di-n-butylphthalate
Concen: 42.462 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 7287726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.6 | 11.4 |
| 104 | 4.5 | 3.5 | 5.3 |



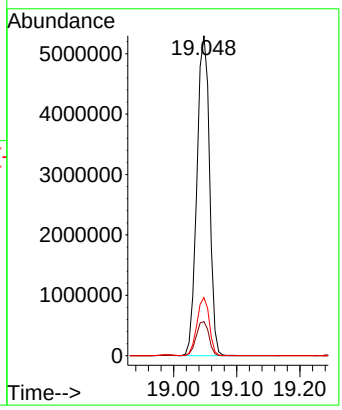


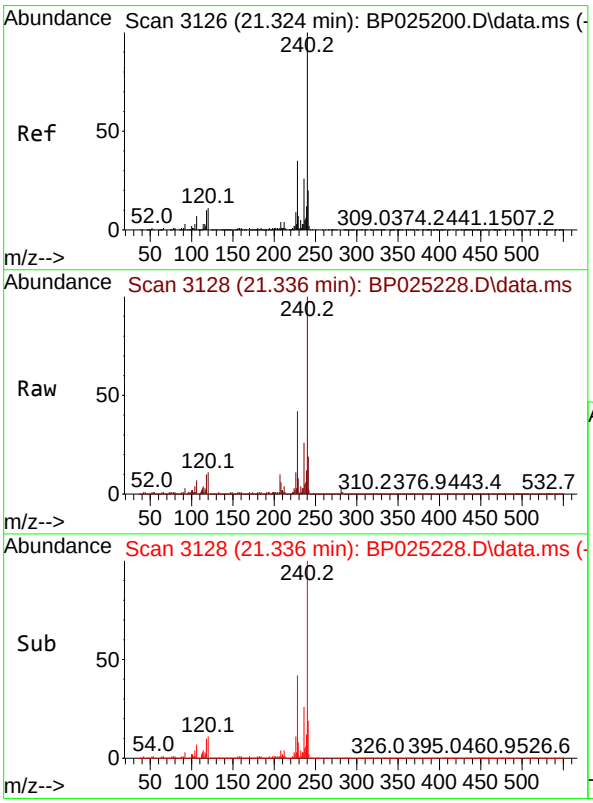

#75
Fluoranthene
Concen: 40.231 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 7323528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 30.3 |
| 203 | 18.1 | 0.0 | 38.0 |

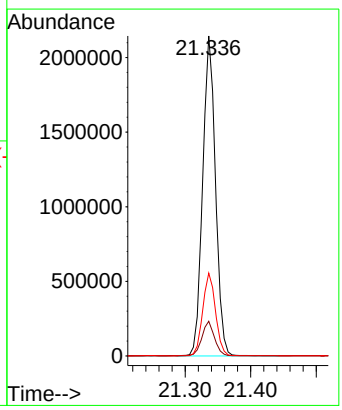


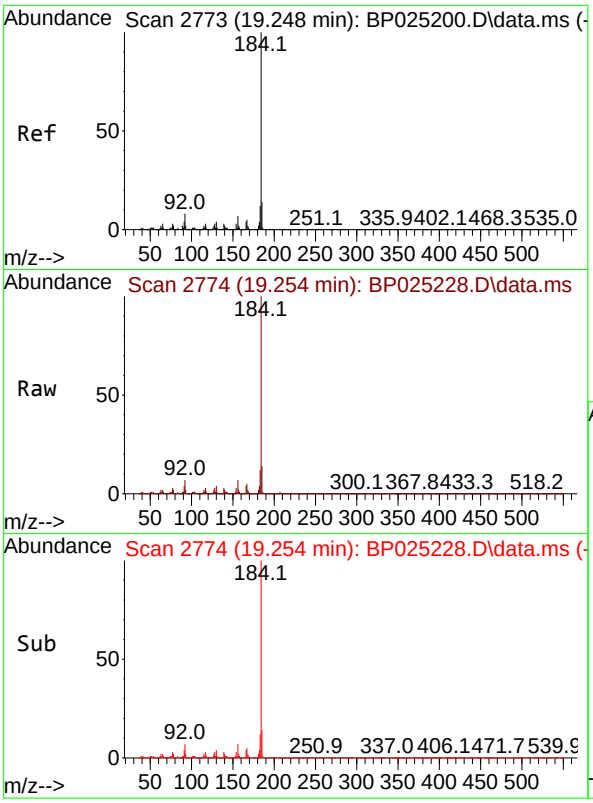




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:240 Resp: 2918399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.8 | 13.2 |
| 236 | 25.9 | 20.9 | 31.3 |



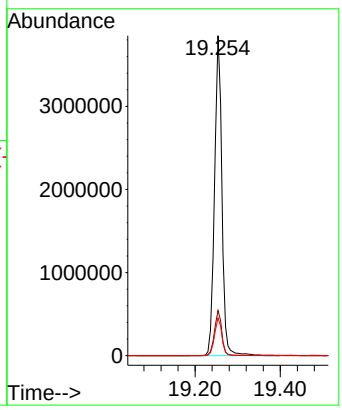


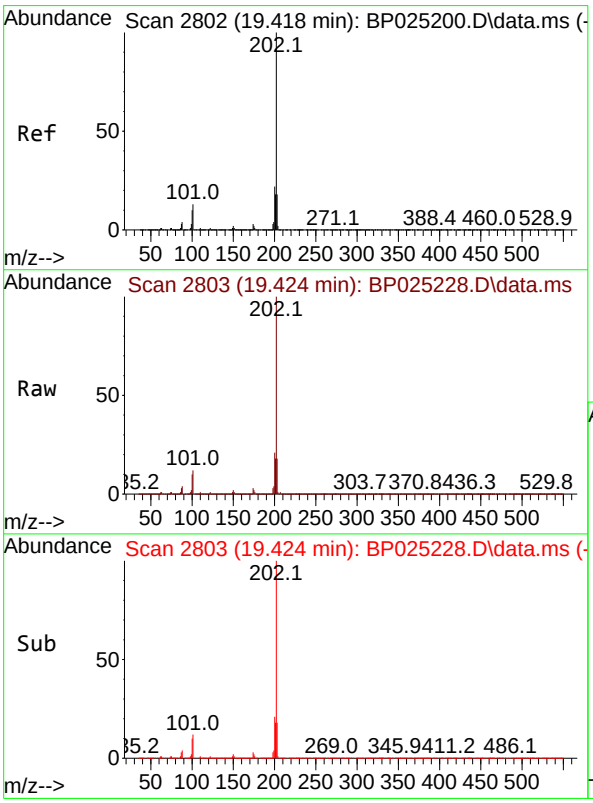

#77
Benzidine
Concen: 45.096 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 4620449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.5 | 17.3 |
| 183 | 11.8 | 9.6 | 14.4 |

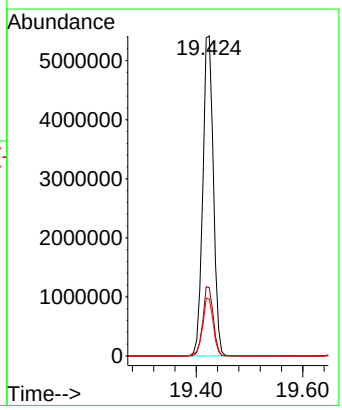


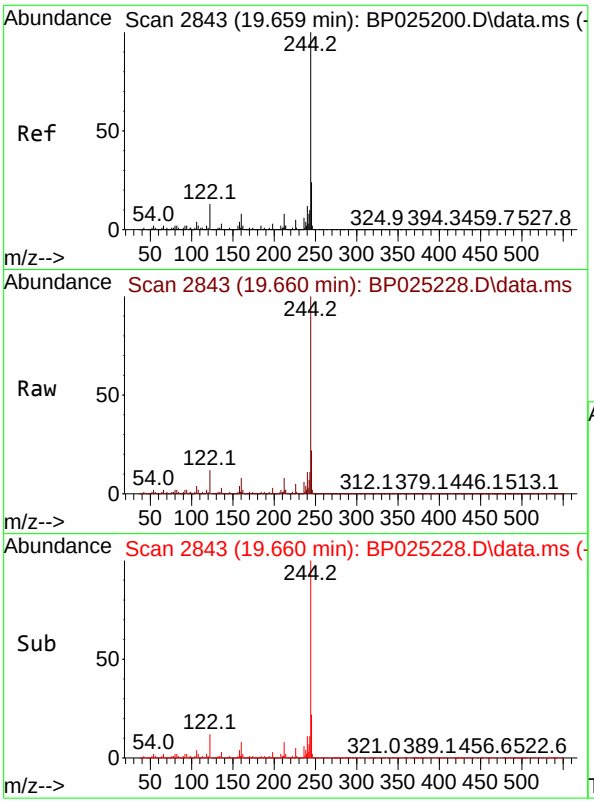




#78
Pyrene
Concen: 41.413 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 7452139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.4 | 26.2 |
| 203 | 17.8 | 14.3 | 21.5 |



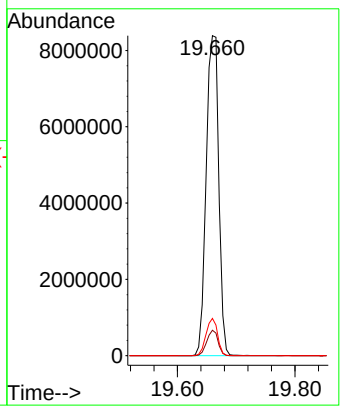


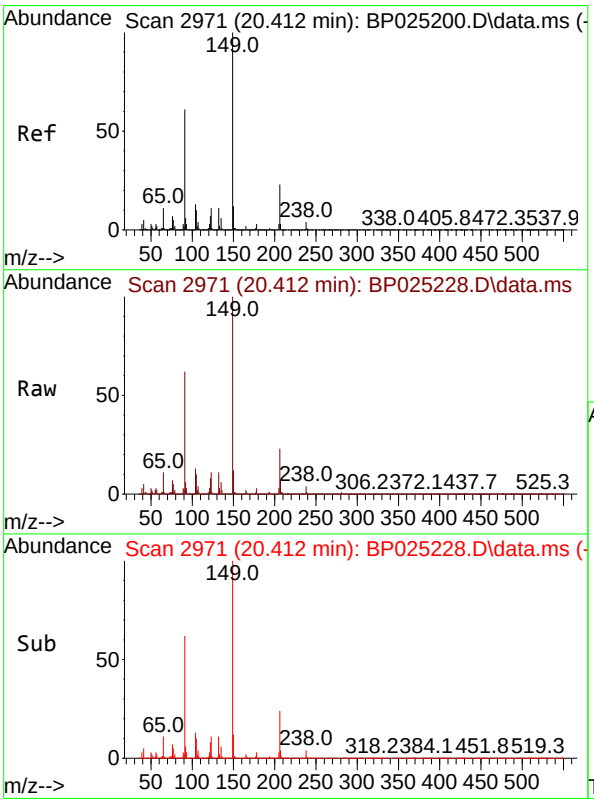

#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp:12492781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.6 | 9.8 |
| 122 | 11.6 | 10.3 | 15.5 |

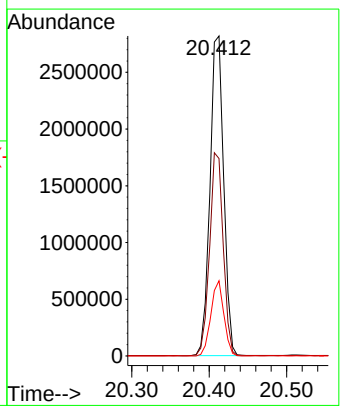


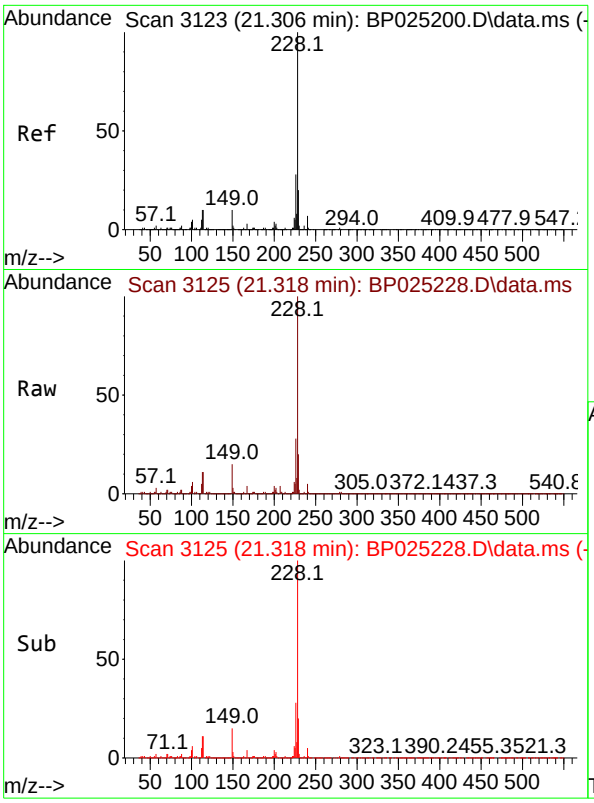




#80
Butylbenzylphthalate
Concen: 42.660 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3474816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 61.7 | 48.8 | 73.2 |
| 206 | 23.5 | 18.4 | 27.6 |



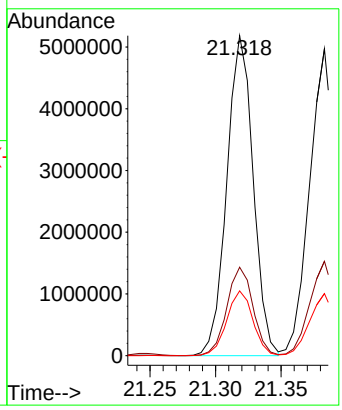


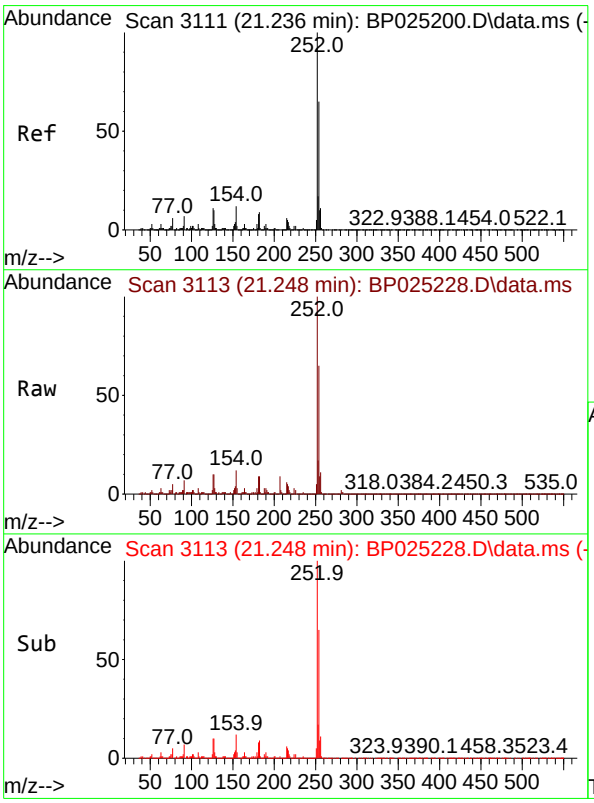

#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 21.318 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 7258836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |

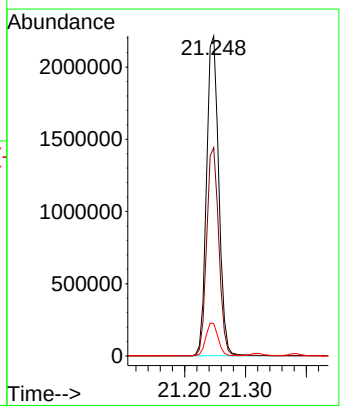


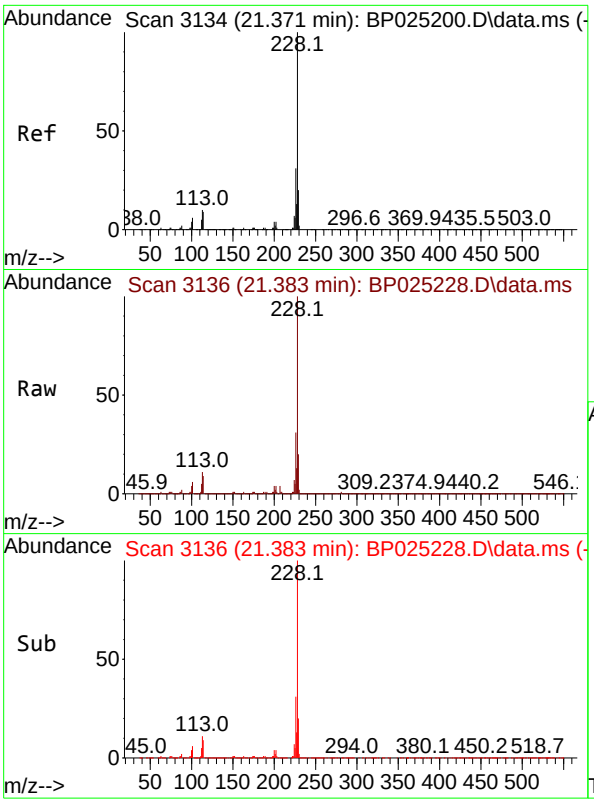




#82
3,3'-Dichlorobenzidine
Concen: 40.337 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 3081562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.1 | 78.1 |
| 126 | 10.2 | 8.6 | 12.8 |



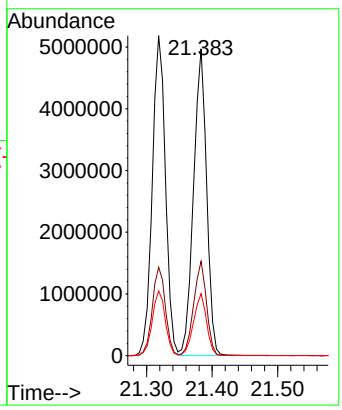


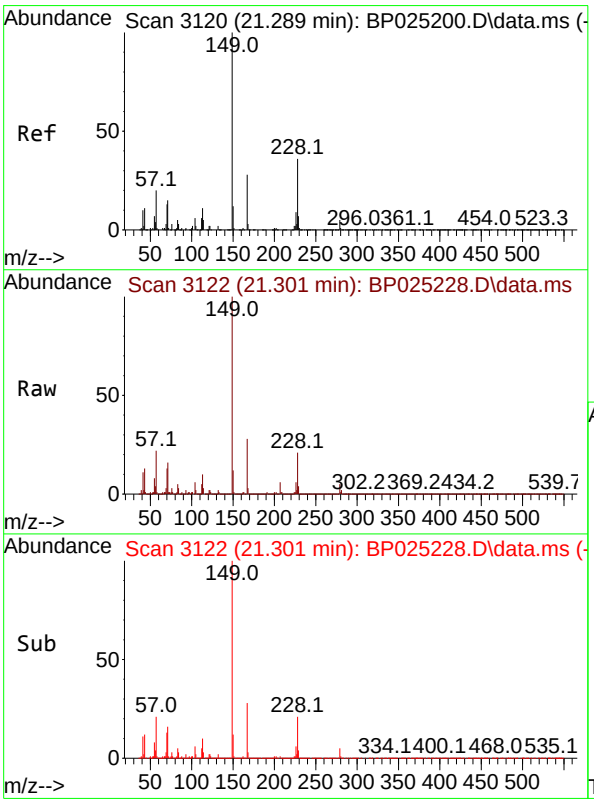

#83
Chrysene
Concen: 40.130 ng
RT: 21.383 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 6904059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 20.2 | 16.0 | 24.0 |

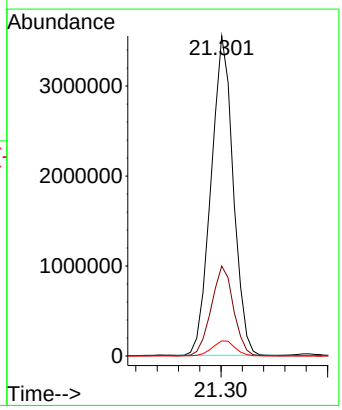


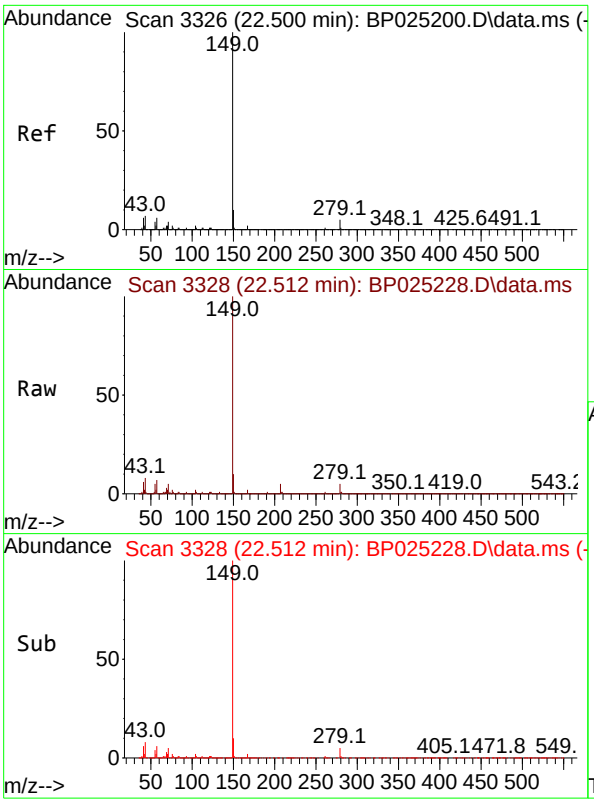




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.060 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 5131749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.6 | 34.0 |
| 279 | 4.7 | 4.0 | 6.0 |



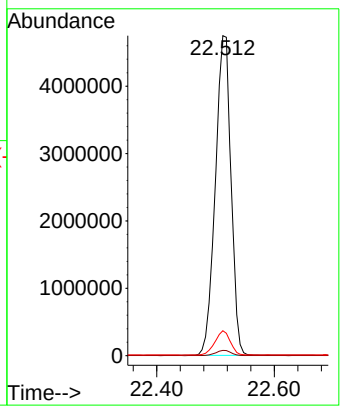


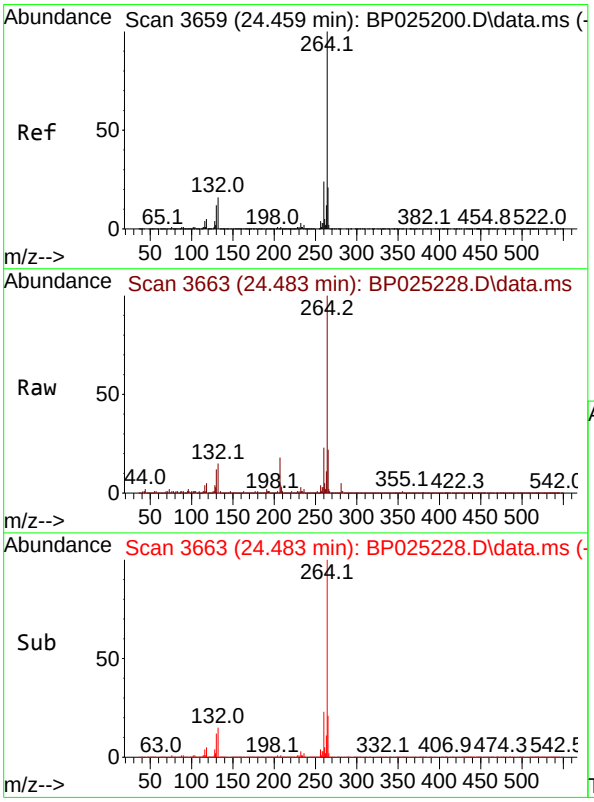

#85
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 8746357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.4 | 6.1 | 9.1 |

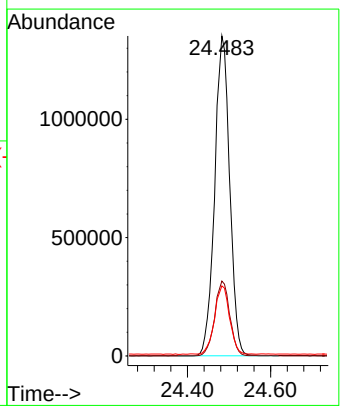


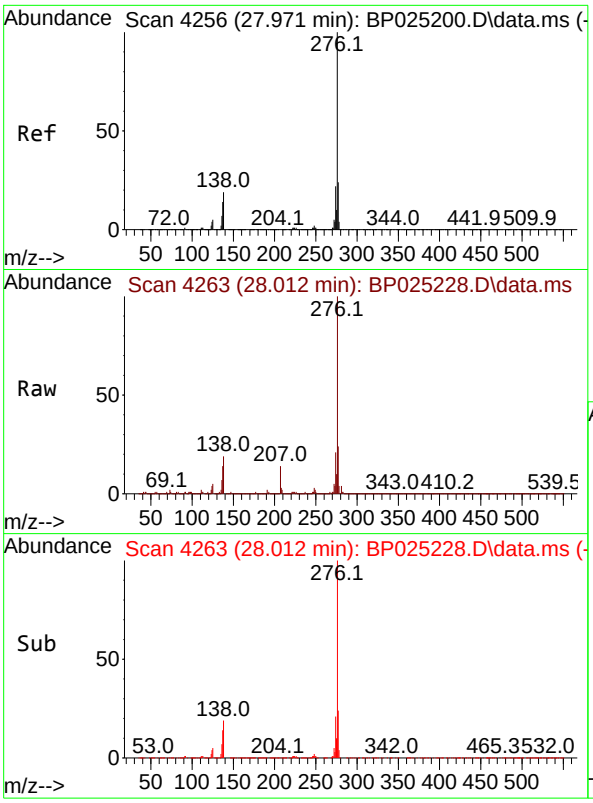




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:264 Resp: 3385440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.6 |
| 265 | 21.9 | 17.5 | 26.3 |



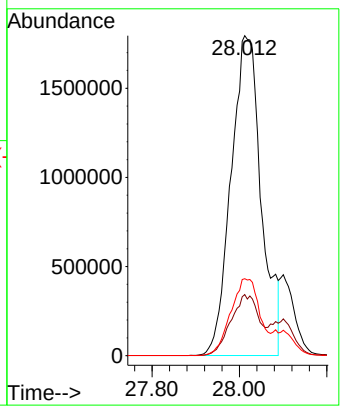


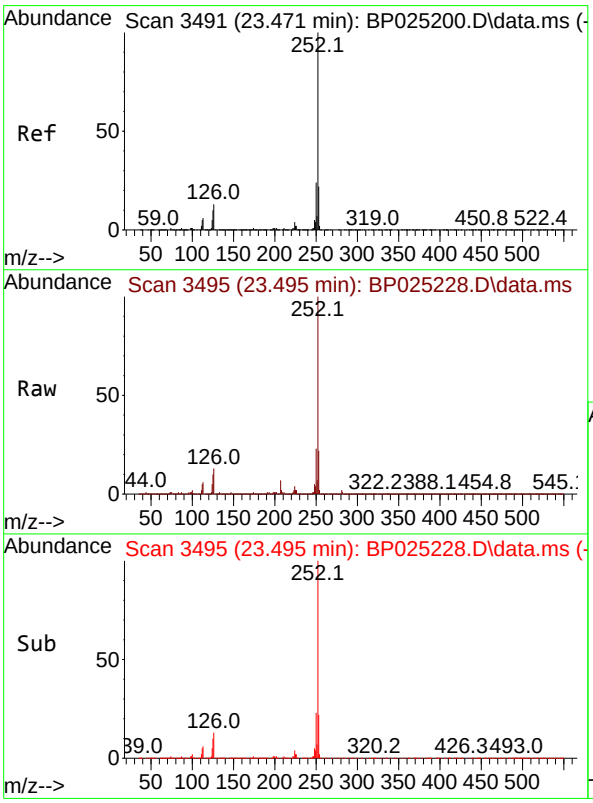

#87
Indeno(1,2,3-cd)pyrene
Concen: 34.887 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 8630935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.6 | 12.8 | 19.2 |
| 277 | 23.1 | 20.3 | 30.5 |

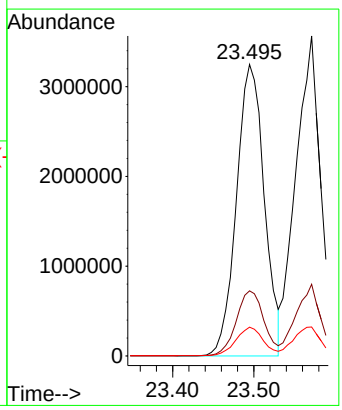


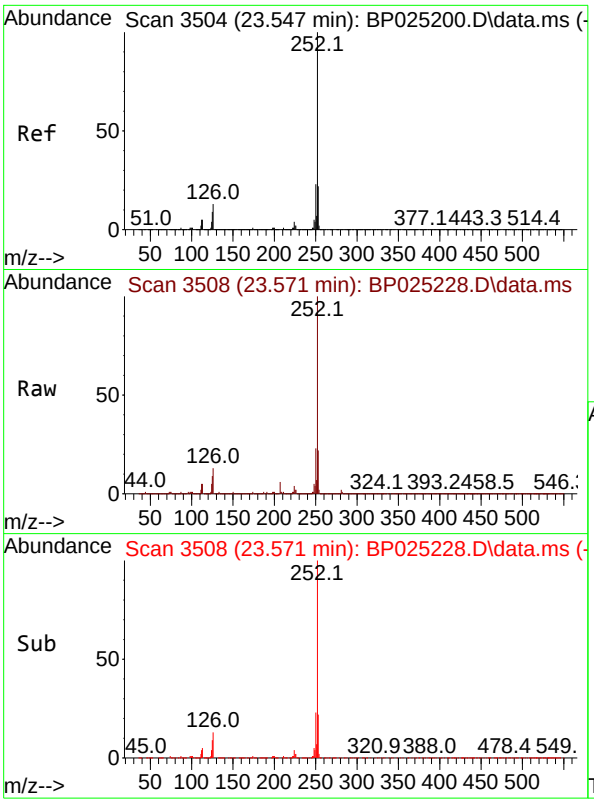




#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7728646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 9.9 | 7.8 | 11.8 |



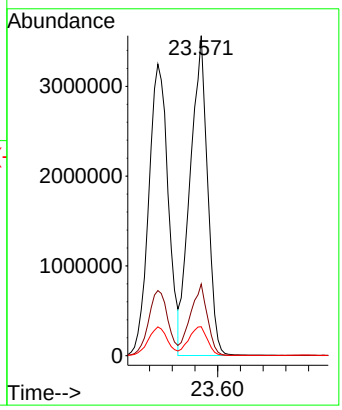


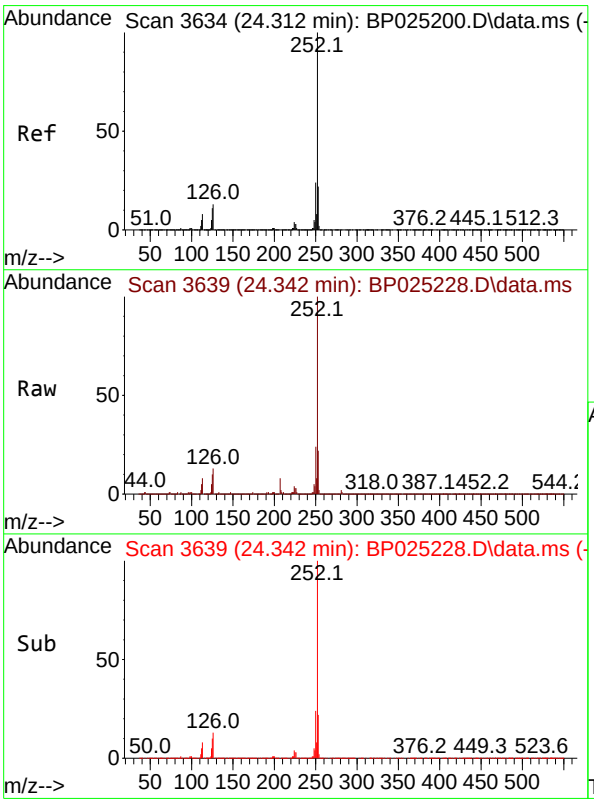

#89
Benzo(k)fluoranthene
Concen: 39.445 ng
RT: 23.571 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 7546215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.6 |
| 125 | 9.1 | 7.5 | 11.3 |

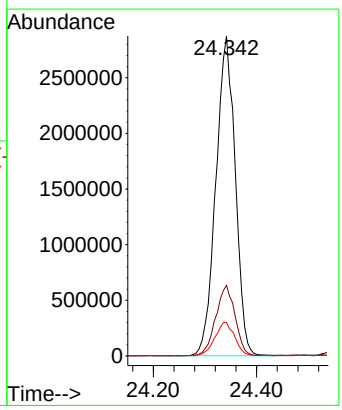


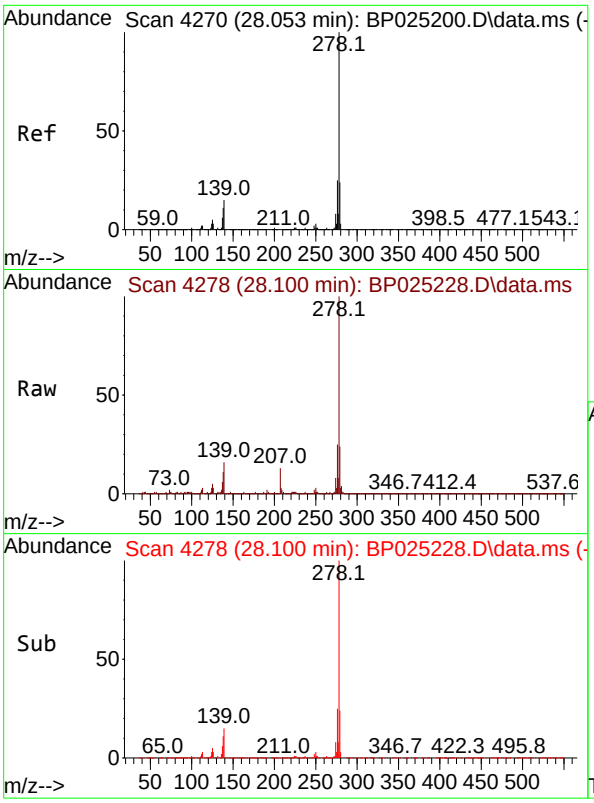




#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 24.342 min Scan# 3639
Delta R.T. 0.030 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7480970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.5 | 8.6 | 12.8 |



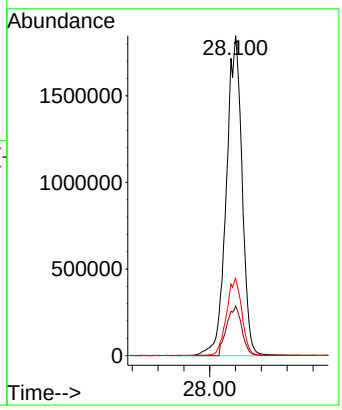


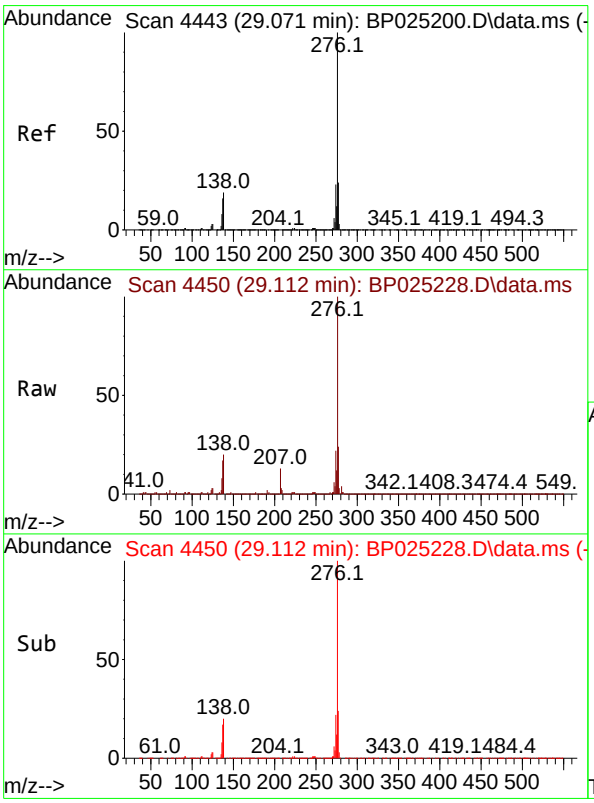

#91
Dibenzo(a,h)anthracene
Concen: 38.794 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 7830236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.5 | 12.0 | 18.0 |
| 279 | 24.2 | 19.5 | 29.3 |

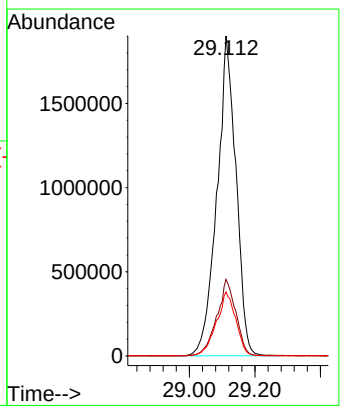



#92
Benzo(g,h,i)perylene
Concen: 38.429 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 7622690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.2 | 28.8 |
| 138 | 20.0 | 15.4 | 23.2 |



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

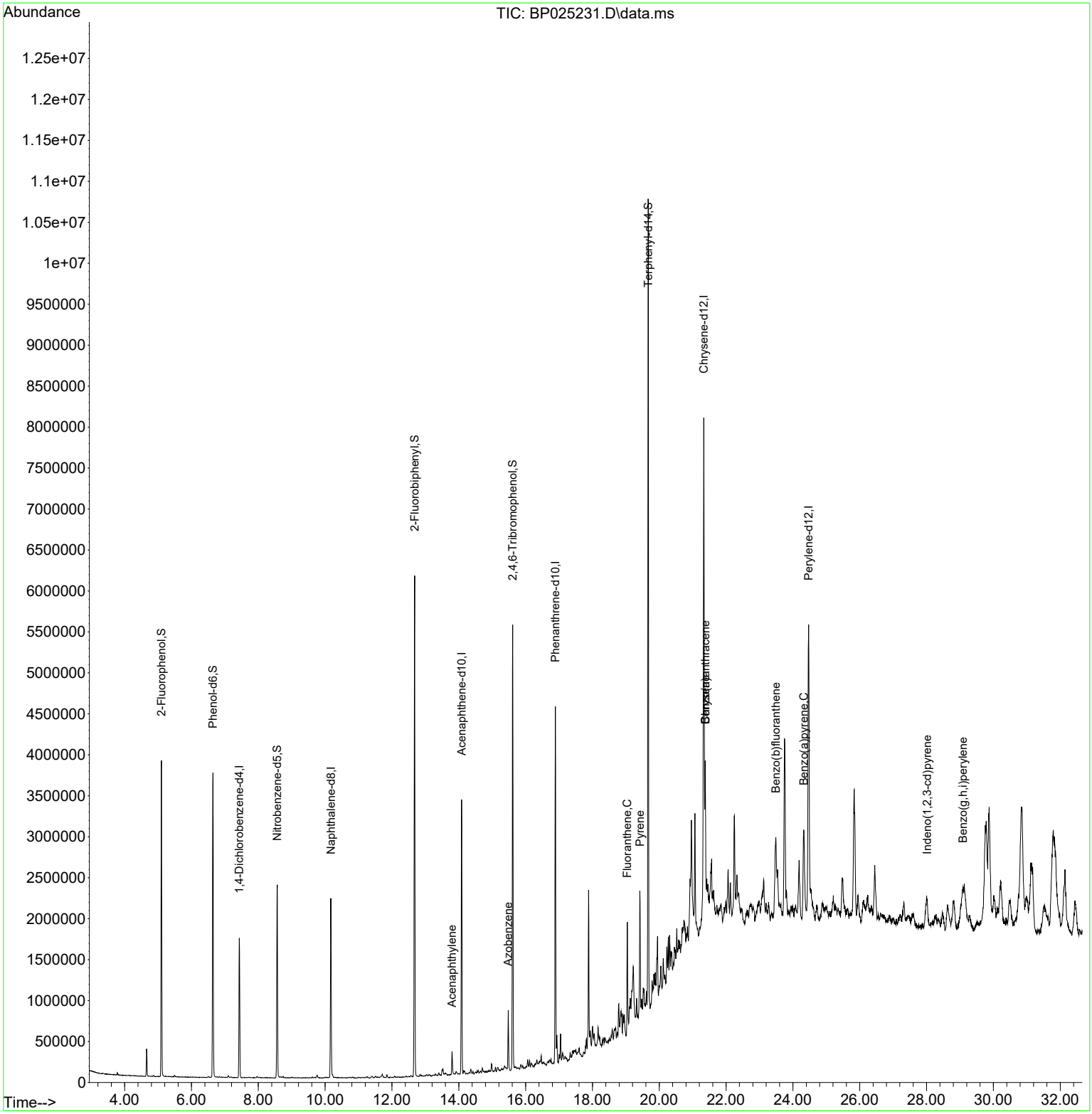
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 494228 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 1941060 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1257966 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.889 | 188 | 2582912 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.330 | 240 | 2791397 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.471 | 264 | 3376004 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 1764143 | 60.312 | ng | | 0.00 |
| 7) Phenol-d6 | 6.643 | 99 | 2224520 | 61.403 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.566 | 82 | 1335924 | 38.248 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1165401 | 62.841 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 3319422 | 37.201 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.672 | 244 | 5294842 | 37.444 | ng | | 0.01 |
| Target Compounds | | | | | | | Qvalue |
| 49) Acenaphthylene | 13.795 | 152 | 230422 | 2.001 | ng | | 98 |
| 63) Azobenzene | 15.478 | 77 | 179925 | 2.490 | ng | # | 1 |
| 75) Fluoranthene | 19.042 | 202 | 836009 | 5.099 | ng | | 99 |
| 78) Pyrene | 19.419 | 202 | 1046767 | 6.082 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.377 | 228 | 848599 | 4.814 | ng | | 94 |
| 83) Chrysene | 21.377 | 228 | 851749 | 5.176 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 28.012 | 276 | 694882 | 2.817 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 23.489 | 252 | 1063768 | 5.505 | ng | # | 95 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 938955 | 4.980 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.089 | 276 | 697220 | 3.525 | ng | | 97 |

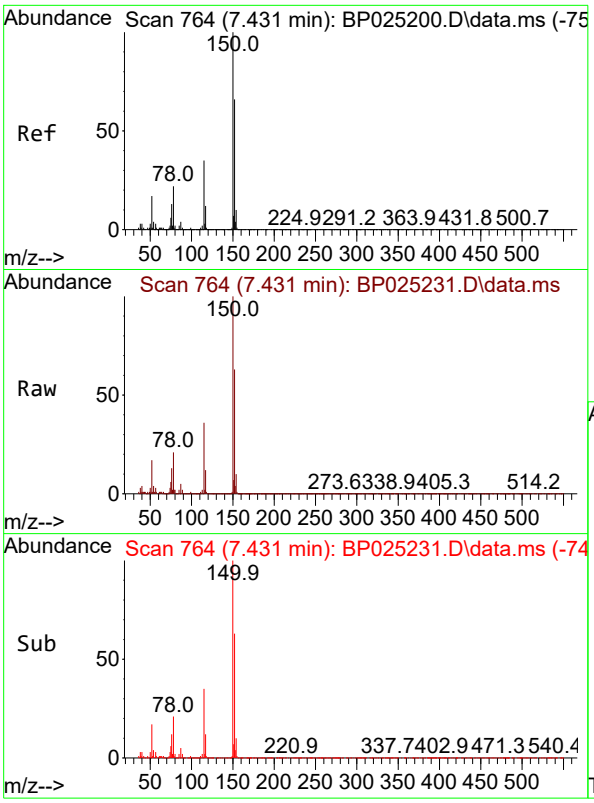
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



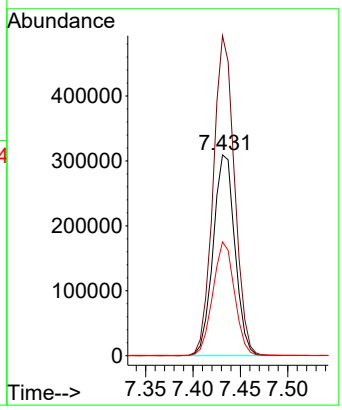


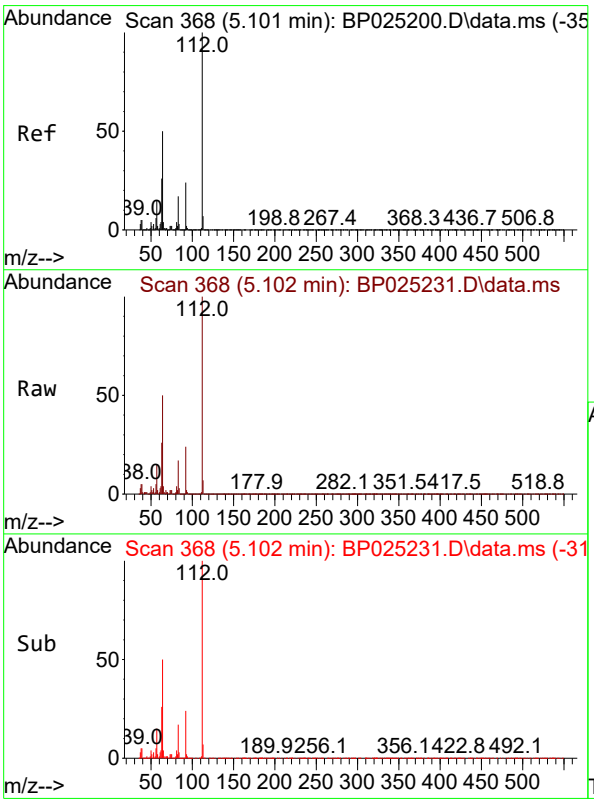

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 494228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.4 | 121.9 | 182.9 |
| 115 | 56.7 | 43.0 | 64.6 |

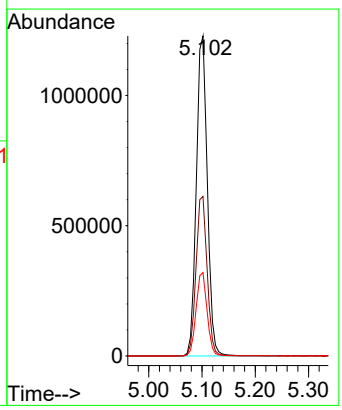


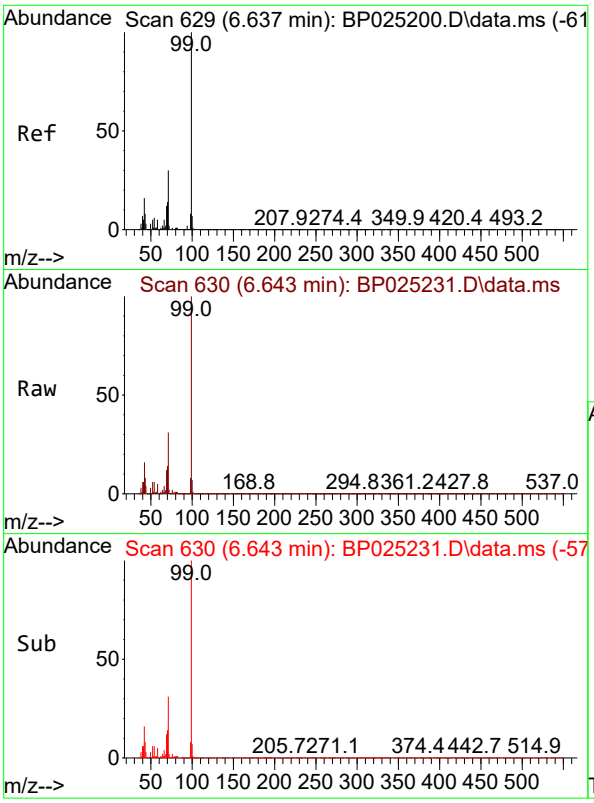




#5
2-Fluorophenol
Concen: 60.312 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:112 Resp: 1764143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.9 | 39.8 | 59.6 |
| 63 | 26.1 | 20.5 | 30.7 |



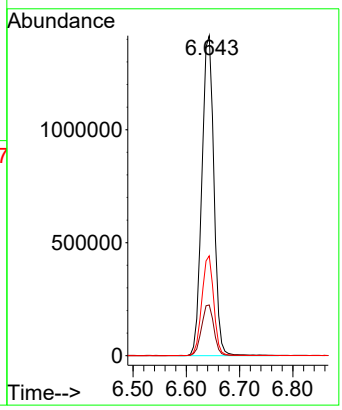


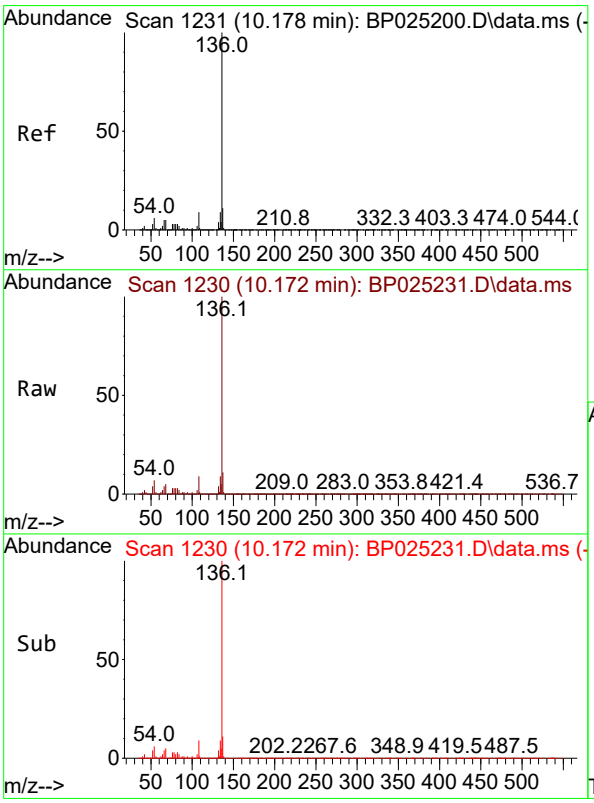

#7
Phenol-d6
Concen: 61.403 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion: 99 Resp: 2224520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.9 | 12.5 | 18.7 |
| 71 | 31.2 | 24.2 | 36.2 |

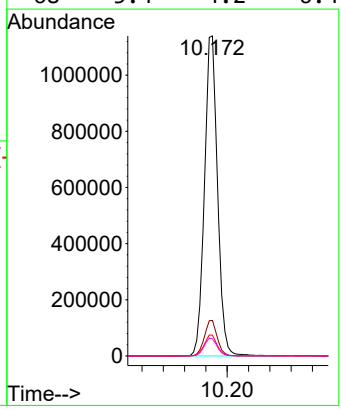


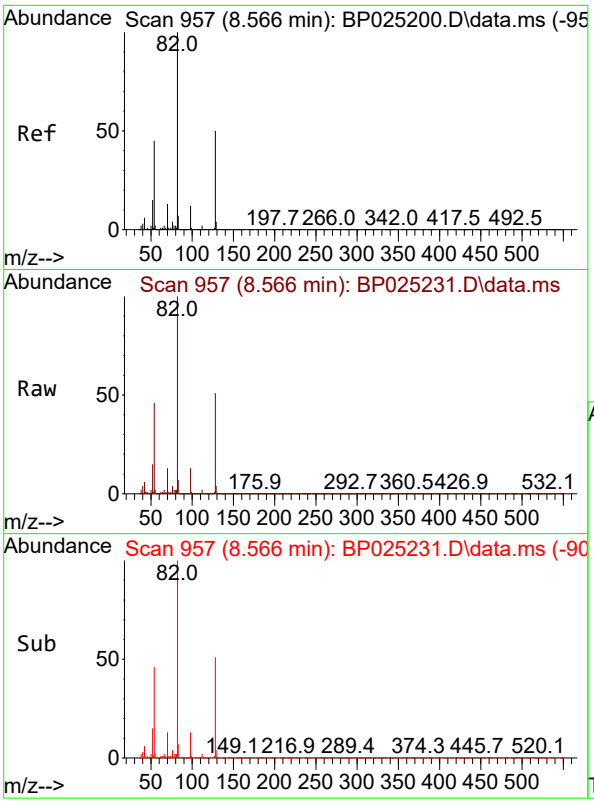




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:136 Resp: 1941060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 6.5 | 5.1 | 7.7 |
| 68 | 5.4 | 4.2 | 6.4 |



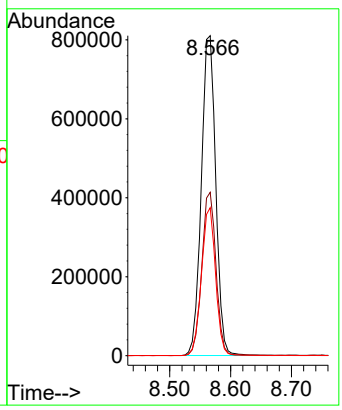


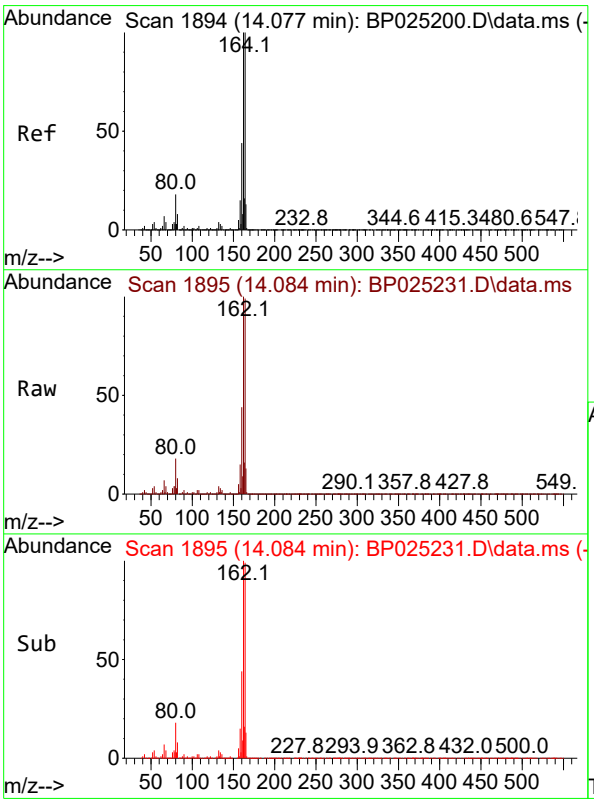

#23
Nitrobenzene-d5
Concen: 38.248 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion: 82 Resp: 1335924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.1 | 40.2 | 60.4 |
| 54 | 46.3 | 36.3 | 54.5 |

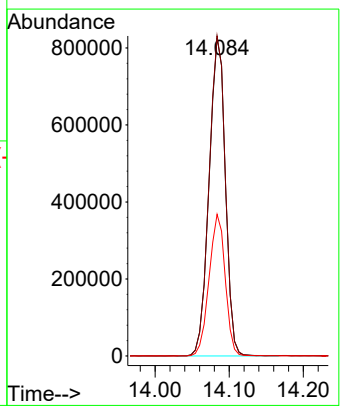


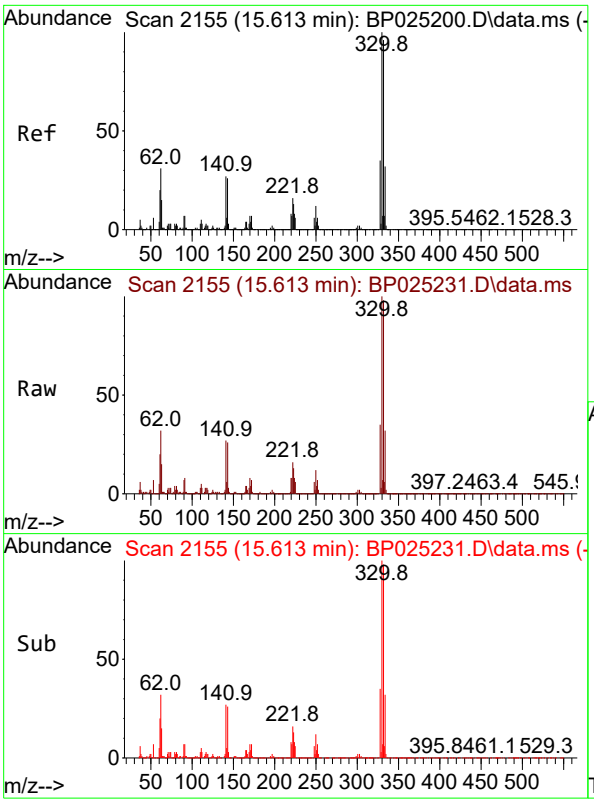




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:164 Resp: 1257966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.3 | 120.5 |
| 160 | 44.5 | 35.7 | 53.5 |



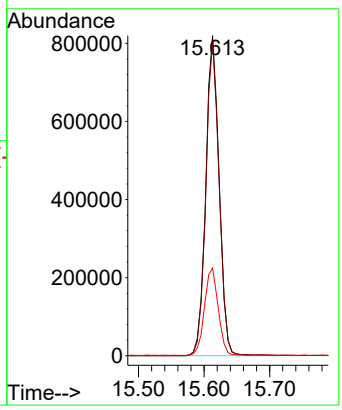


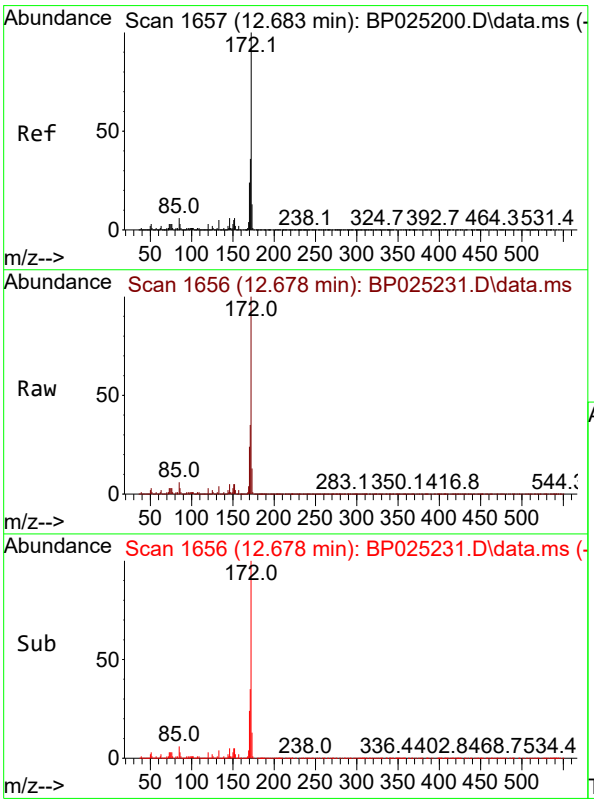

#42
2,4,6-Tribromophenol
Concen: 62.841 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:330 Resp: 1165401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.1 | 115.7 |
| 141 | 27.9 | 22.4 | 33.6 |

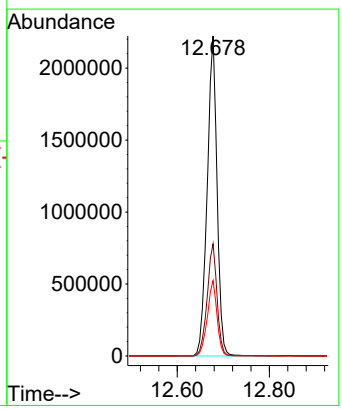


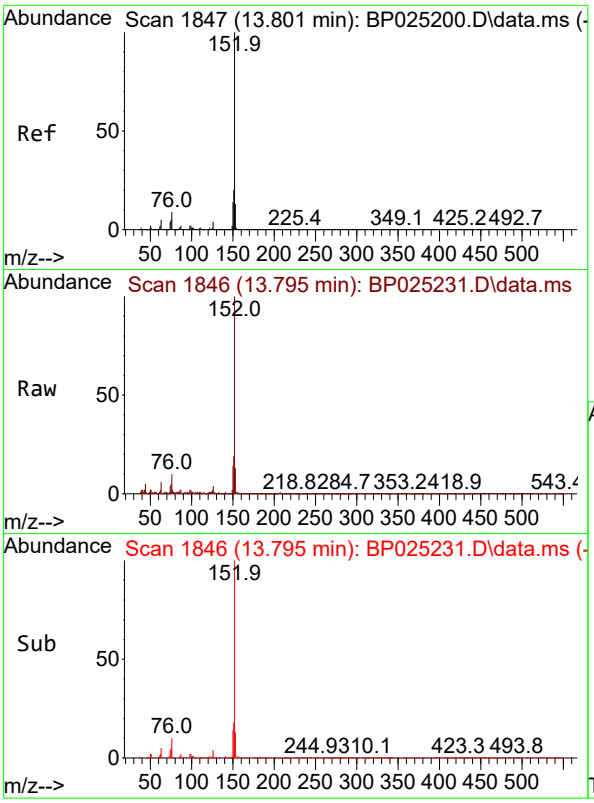




#45
2-Fluorobiphenyl
Concen: 37.201 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:172 Resp: 3319422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.8 | 43.2 |
| 170 | 23.5 | 19.2 | 28.8 |



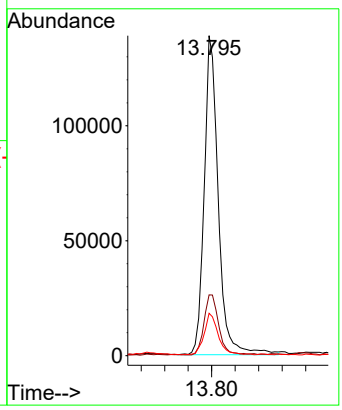


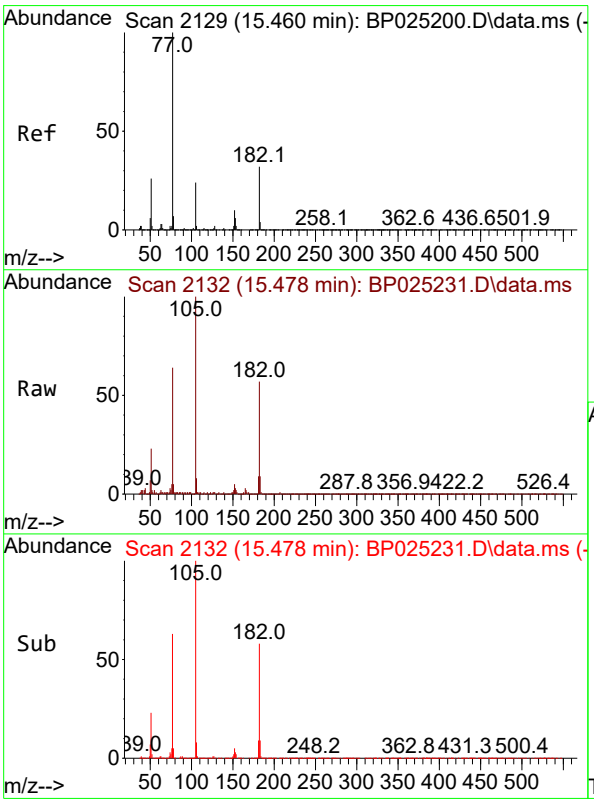

#49
Acenaphthylene
Concen: 2.001 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 230422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 16.2 | 24.2 |
| 153 | 13.3 | 10.6 | 15.8 |

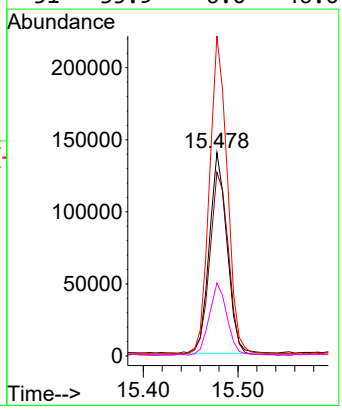


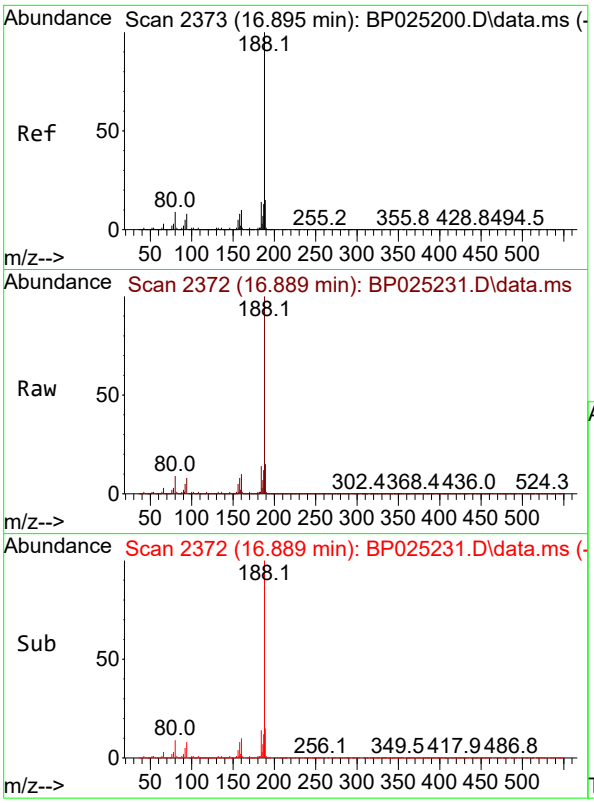




#63
Azobenzene
Concen: 2.490 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 77 Resp: 179925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 90.3 | 12.0 | 52.0# |
| 105 | 157.3 | 3.6 | 43.6# |
| 51 | 35.9 | 6.0 | 46.0 |



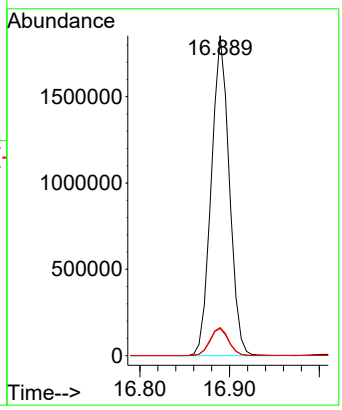


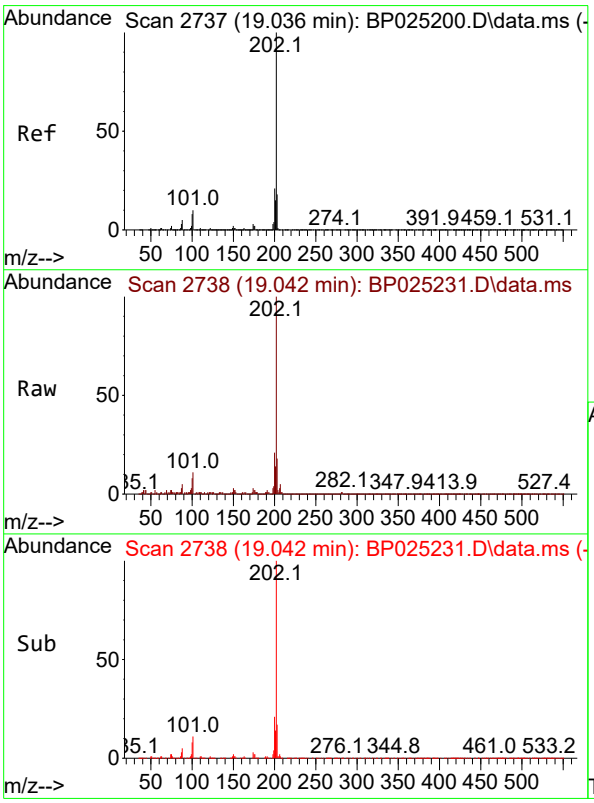

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:188 Resp: 2582912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.8 | 10.2 |
| 80 | 8.8 | 7.3 | 10.9 |

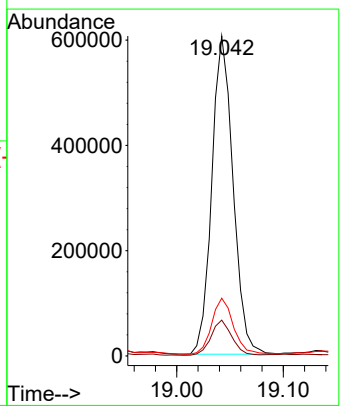


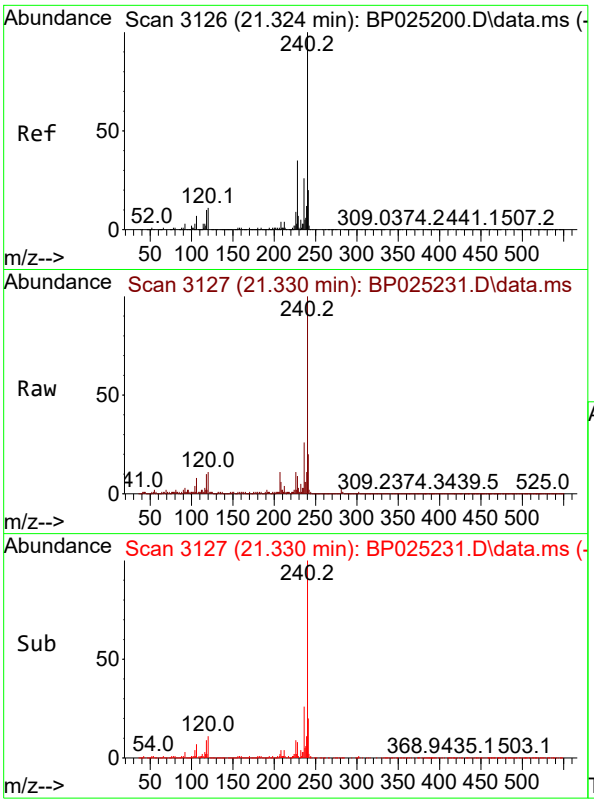




#75
Fluoranthene
Concen: 5.099 ng
RT: 19.042 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 836009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 30.3 |
| 203 | 18.0 | 0.0 | 38.0 |



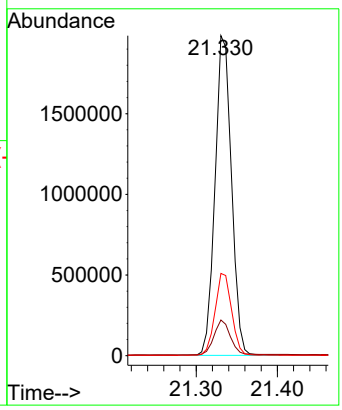


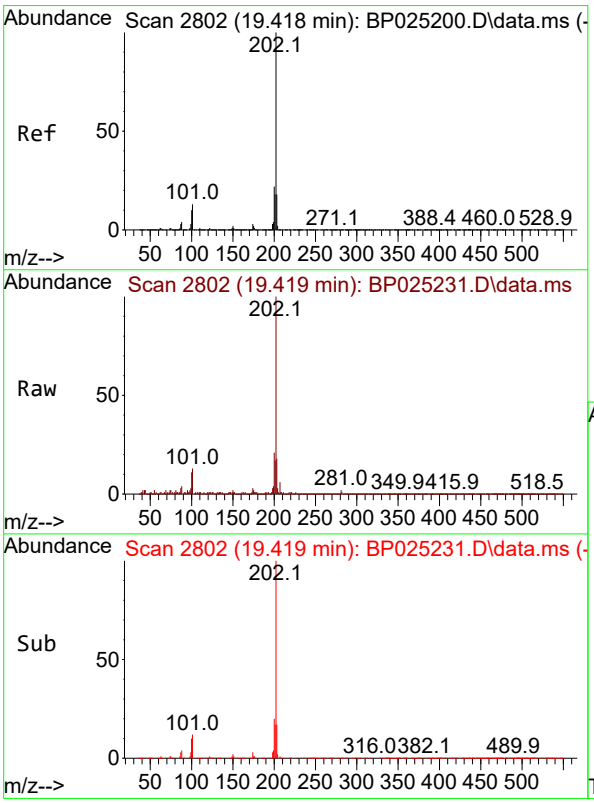

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:240 Resp: 2791397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.8 | 13.2 |
| 236 | 25.7 | 20.9 | 31.3 |

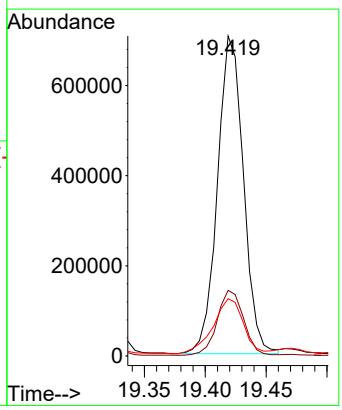


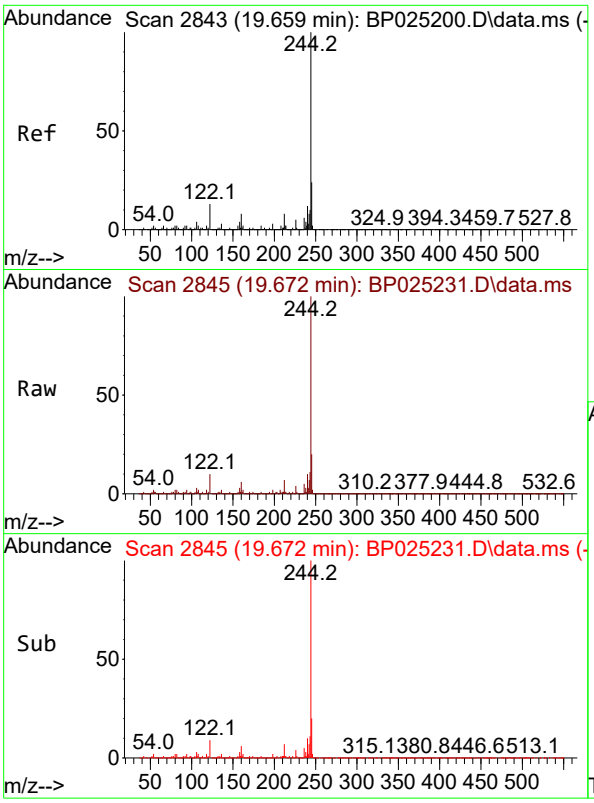




#78
Pyrene
Concen: 6.082 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 1046767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |



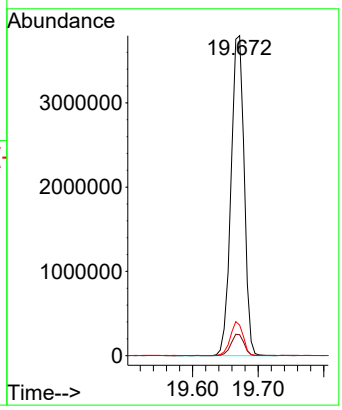


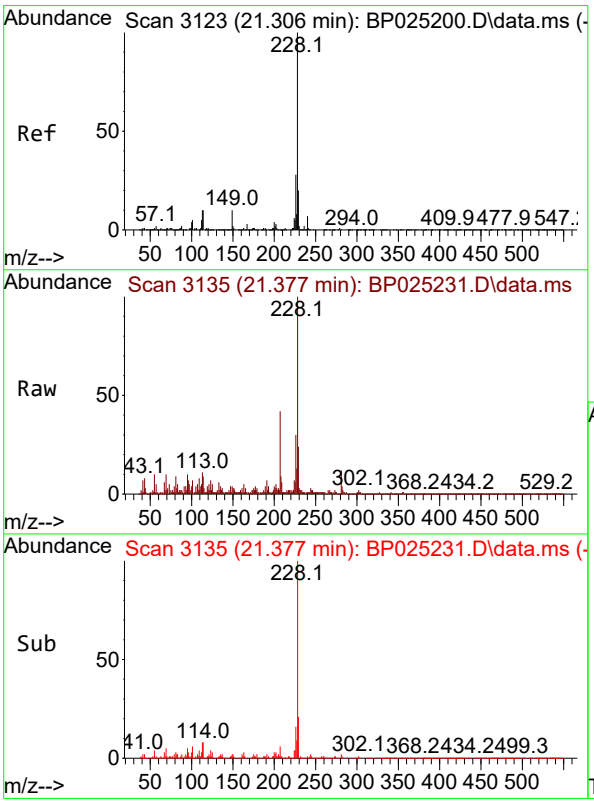

#79
Terphenyl-d14
Concen: 37.444 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.013 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:244 Resp: 5294842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 6.6 | 9.8 |
| 122 | 9.5 | 10.3 | 15.5# |

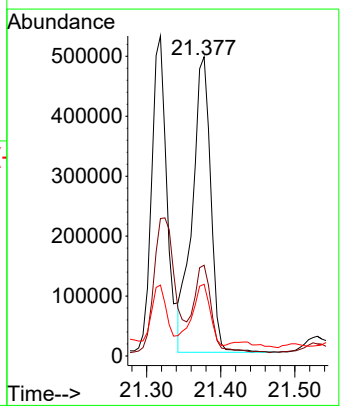


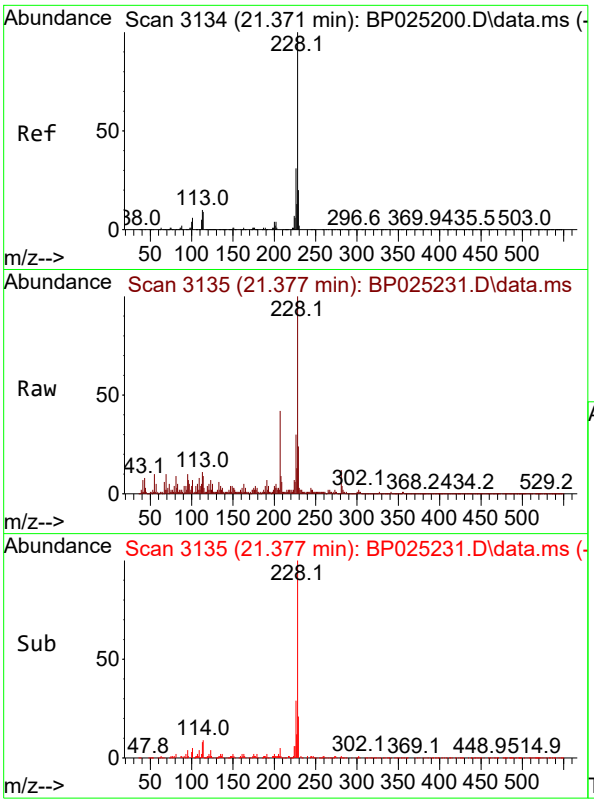




#81
Benzo(a)anthracene
Concen: 4.814 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.071 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 848599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 22.3 | 33.5 |
| 229 | 23.9 | 16.2 | 24.2 |



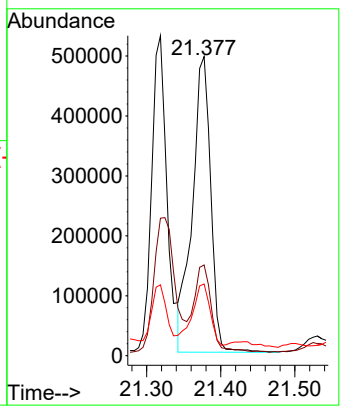


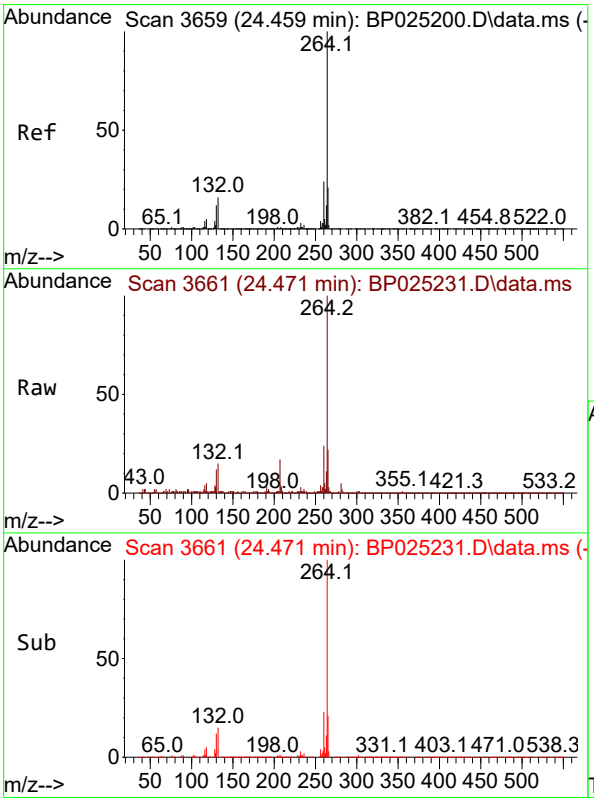

#83
Chrysene
Concen: 5.176 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:228 Resp: 851749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.6 | 37.0 |
| 229 | 23.9 | 16.0 | 24.0 |

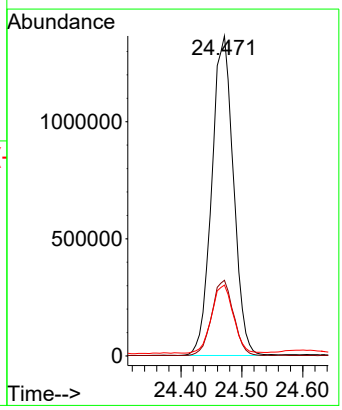


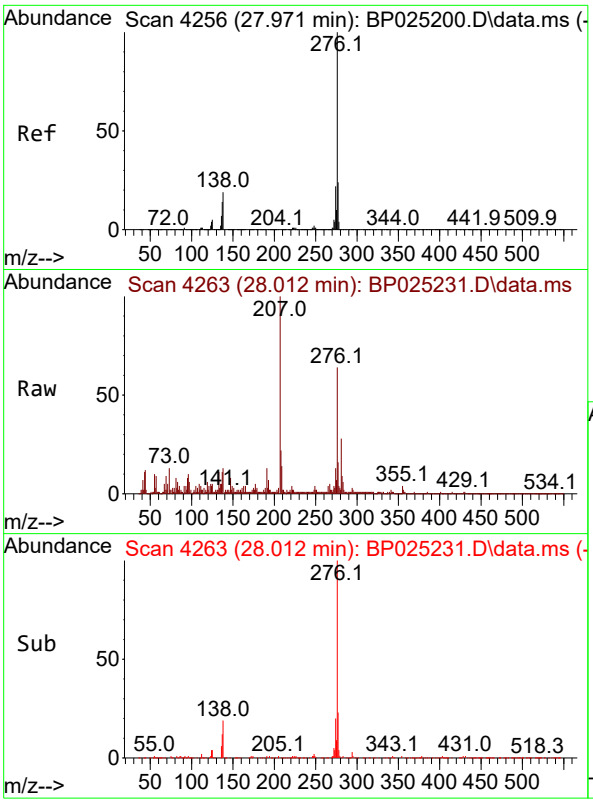




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:264 Resp: 3376004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.0 | 28.6 |
| 265 | 22.2 | 17.5 | 26.3 |



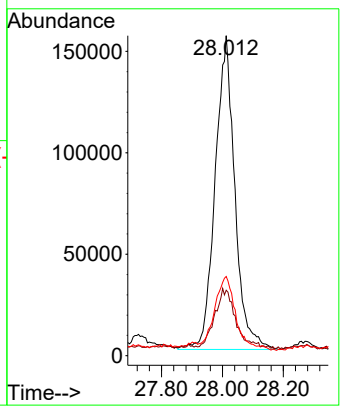


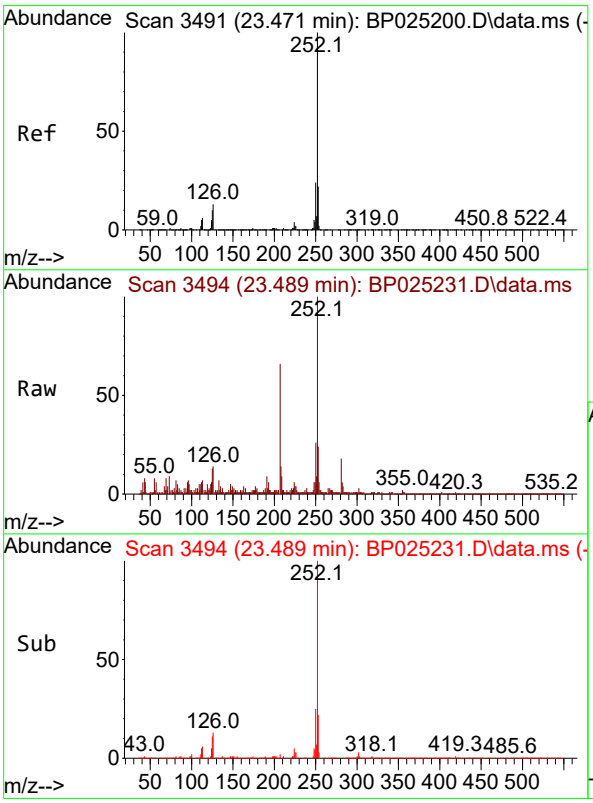

#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:276 Resp: 694882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 12.8 | 19.2# |
| 277 | 25.3 | 20.3 | 30.5 |

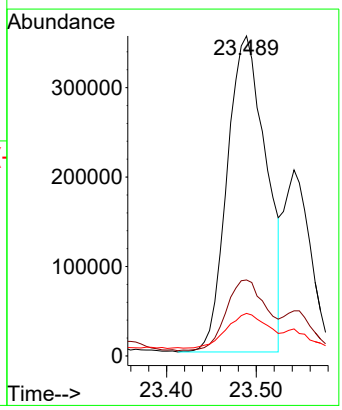


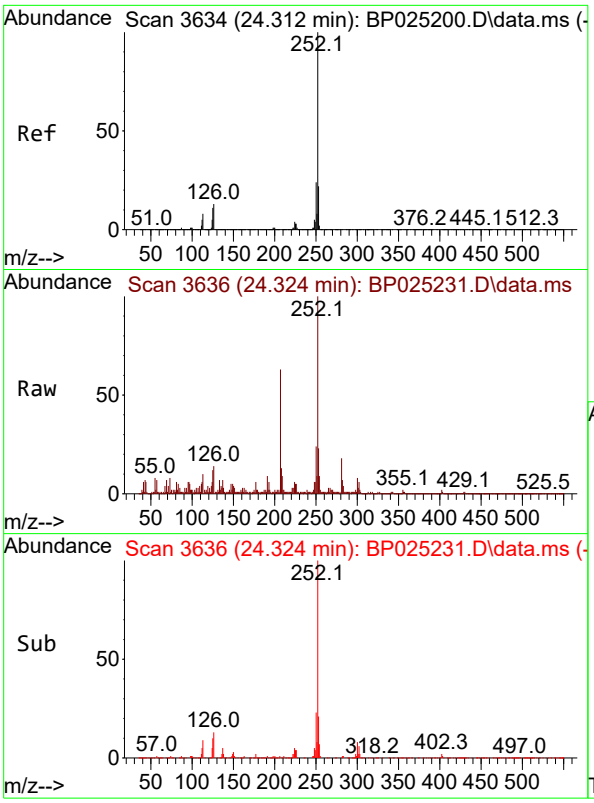




#88
Benzo(b)fluoranthene
Concen: 5.505 ng
RT: 23.489 min Scan# 3494
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 1063768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.0 | 27.0 |
| 125 | 13.3 | 7.8 | 11.8# |



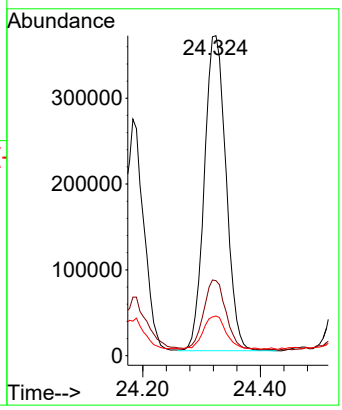


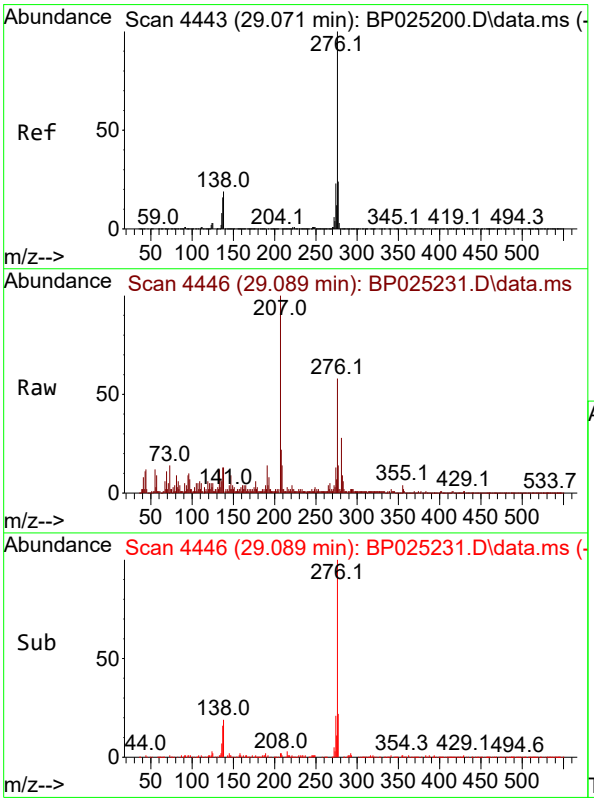

#90
Benzo(a)pyrene
Concen: 4.980 ng
RT: 24.324 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

**Instrument :**
BNA_P
**ClientSampleId :**
OU4-TS-38-071725RE

Tgt Ion:252 Resp: 938955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.8 | 26.6 |
| 125 | 12.4 | 8.6 | 12.8 |




#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 697220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.2 | 28.8 |
| 138 | 21.8 | 15.4 | 23.2 |